

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
 Data File : BF126638.D
 Acq On : 24 Jan 2022 14:57
 Operator : CG/JU
 Sample : N1218-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-BOILER-PIT-WASTE-CLASSMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/25/2022
 Supervised By : Jagrut Upadhyay 01/25/2022

Quant Time: Jan 25 03:12:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	109388	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	413513	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	227296	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	370226	20.000	ng	0.00
76) Chrysene-d12	14.151	240	238936	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	220504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	906346	109.030	ng	0.02
7) Phenol-d6	6.581	99	1157625	100.230	ng	0.00
23) Nitrobenzene-d5	7.528	82	997197	94.390	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	279585	131.437	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1259659	84.875	ng	0.00
79) Terphenyl-d14	13.092	244	1324555	92.980	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.004	88	158294	38.637	ng	# 78
3) Pyridine	3.693	79	308610	26.890	ng	# 83
4) n-Nitrosodimethylamine	3.651	42	172543	42.490	ng	87
6) Aniline	6.628	93	97038	6.705	ng	100
8) 2-Chlorophenol	6.745	128	336250	44.101	ng	91
9) Benzaldehyde	6.522	77	279241	38.681	ng	85
10) Phenol	6.598	94	470555	38.306	ng	96
11) bis(2-Chloroethyl)ether	6.698	93	444963	44.637	ng	97
12) 1,3-Dichlorobenzene	6.904	146	348677	41.193	ng	# 91
13) 1,4-Dichlorobenzene	6.981	146	356518	41.710	ng	93
14) 1,2-Dichlorobenzene	7.134	146	344282	42.724	ng	96
15) Benzyl Alcohol	7.098	79	432800	42.032	ng	89
16) 2,2'-oxybis(1-Chloropr...	7.234	45	485154	42.659	ng	82
17) 2-Methylphenol	7.204	107	318249	42.455	ng	# 91
18) Hexachloroethane	7.475	117	145261	42.089	ng	95
19) n-Nitroso-di-n-propyla...	7.375	70	353608	41.949	ng	# 84
20) 3+4-Methylphenols	7.357	107	397697	40.917	ng	# 80
22) Acetophenone	7.375	105	574954	45.118	ng	# 89
24) Nitrobenzene	7.545	77	540687	49.576	ng	# 84
25) Isophorone	7.781	82	913291	44.576	ng	# 93
26) 2-Nitrophenol	7.857	139	156490	55.005	ng	# 61
27) 2,4-Dimethylphenol	7.886	122	326289	48.328	ng	# 81
28) bis(2-Chloroethoxy)met...	7.992	93	554782	43.416	ng	# 97
29) 2,4-Dichlorophenol	8.098	162	281552	43.962	ng	96
30) 1,2,4-Trichlorobenzene	8.186	180	297149	43.266	ng	99
31) Naphthalene	8.269	128	988038	44.230	ng	100
32) Benzoic acid	7.957	122	51439	13.431	ng	# 67
33) 4-Chloroaniline	8.310	127	31329	3.510	ng	# 92
34) Hexachlorobutadiene	8.381	225	188297	43.101	ng	97
35) Caprolactam	8.675	113	76193m	33.315	ng	
36) 4-Chloro-3-methylphenol	8.786	107	365369	43.626	ng	87
37) 2-Methylnaphthalene	8.963	142	643903	46.348	ng	99
38) 1-Methylnaphthalene	9.063	142	591335	43.915	ng	97
40) 1,2,4,5-Tetrachloroben...	9.122	216	297070	46.597	ng	97
41) Hexachlorocyclopentadiene	9.110	237	347132	89.431	ng	94
43) 2,4,6-Trichlorophenol	9.233	196	202286	44.509	ng	95

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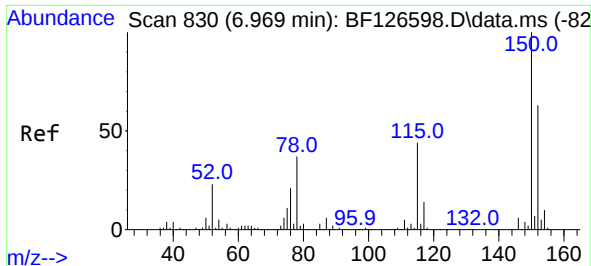
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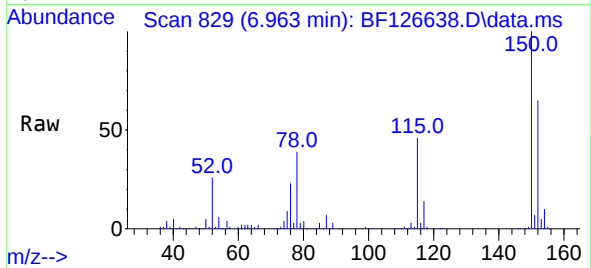
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	203273	43.186	ng	# 94
46) 1,1'-Biphenyl	9.428	154	778412	45.457	ng	98
47) 2-Chloronaphthalene	9.451	162	600442	44.631	ng	97
48) 2-Nitroaniline	9.545	65	264943	57.036	ng	# 87
49) Acenaphthylene	9.869	152	953323	45.173	ng	98
50) Dimethylphthalate	9.727	163	717851	44.529	ng	# 99
51) 2,6-Dinitrotoluene	9.786	165	152442	54.723	ng	# 75
52) Acenaphthene	10.045	154	572706	44.389	ng	96
53) 3-Nitroaniline	9.951	138	25807	8.103	ng	# 71
54) 2,4-Dinitrophenol	10.057	184	39722	38.961	ng	# 87
55) Dibenzofuran	10.216	168	843955	43.528	ng	95
56) 4-Nitrophenol	10.110	139	216134	85.220	ng	# 59
57) 2,4-Dinitrotoluene	10.192	165	206333	61.124	ng	87
58) Fluorene	10.557	166	647738	44.248	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.327	232	172495	44.824	ng	# 87
60) Diethylphthalate	10.427	149	702300	43.825	ng	98
61) 4-Chlorophenyl-phenyle...	10.551	204	316660	43.312	ng	91
62) 4-Nitroaniline	10.575	138	127937	41.389	ng	# 66
63) Azobenzene	10.710	77	1034919	43.639	ng	90
65) 4,6-Dinitro-2-methylph...	10.598	198	46642	29.692	ng	93
66) n-Nitrosodiphenylamine	10.669	169	568349	45.478	ng	98
67) 4-Bromophenyl-phenylether	11.039	248	189650	44.447	ng	91
68) Hexachlorobenzene	11.104	284	209967	46.122	ng	91
69) Atrazine	11.192	200	189585	47.500	ng	95
70) Pentachlorophenol	11.298	266	221974	83.851	ng	99
71) Phenanthrene	11.527	178	966424	45.691	ng	100
72) Anthracene	11.580	178	994580	46.866	ng	99
73) Carbazole	11.727	167	849749	42.649	ng	99
74) Di-n-butylphthalate	12.057	149	1056080	43.955	ng	# 97
75) Fluoranthene	12.716	202	942745	45.125	ng	98
77) Benzidine	12.833	184	102299	12.411	ng	98
78) Pyrene	12.951	202	936218	48.453	ng	100
80) Butylbenzylphthalate	13.563	149	396044	47.178	ng	# 89
81) Benzo(a)anthracene	14.139	228	733588	45.170	ng	98
82) 3,3'-Dichlorobenzidine	14.098	252	52723	9.882	ng	# 95
83) Chrysene	14.174	228	717541	45.917	ng	99
84) Bis(2-ethylhexyl)phtha...	14.121	149	546603	48.079	ng	# 100
85) Di-n-octyl phthalate	14.745	149	818213	47.007	ng	95
87) Indeno(1,2,3-cd)pyrene	17.233	276	737302	54.118	ng	# 88
88) Benzo(b)fluoranthene	15.215	252	667705	45.662	ng	# 94
89) Benzo(k)fluoranthene	15.251	252	618267	43.063	ng	# 94
90) Benzo(a)pyrene	15.609	252	636406	53.491	ng	# 93
91) Dibenzo(a,h)anthracene	17.256	278	626441	55.503	ng	# 92
92) Benzo(g,h,i)perylene	17.715	276	616879	55.740	ng	# 88

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

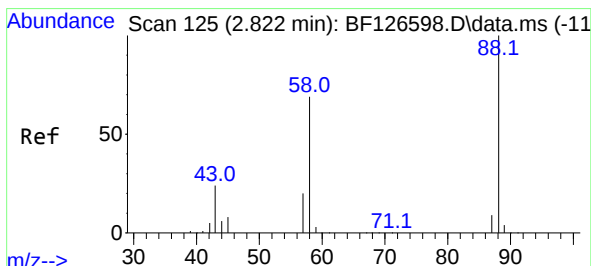
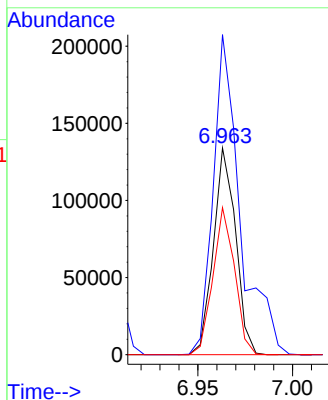
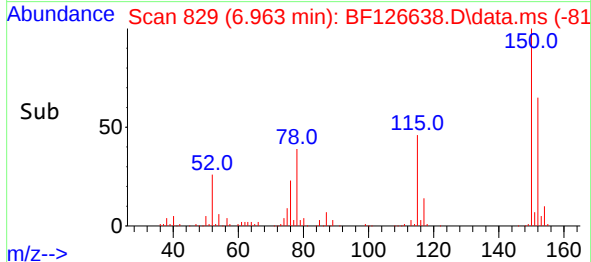
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



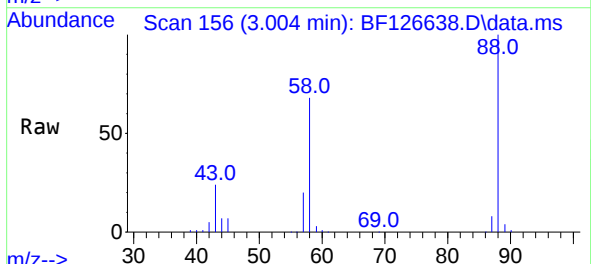
Tgt Ion:152 Resp: 10938
Ion Ratio Lower Upper
152 100
150 154.8 128.1 192.1
115 71.2 56.7 85.1

Manual Integrations
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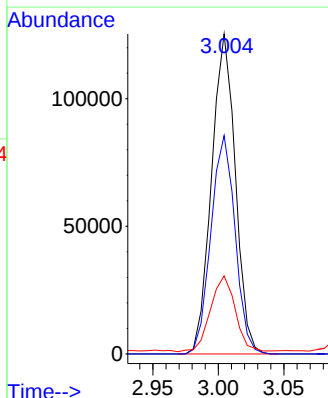
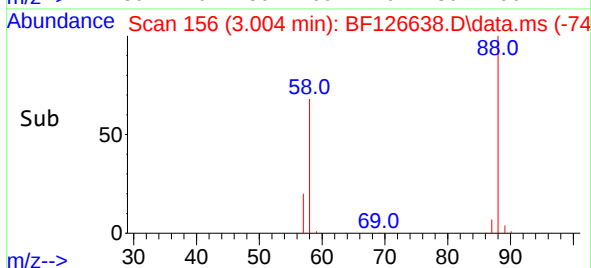
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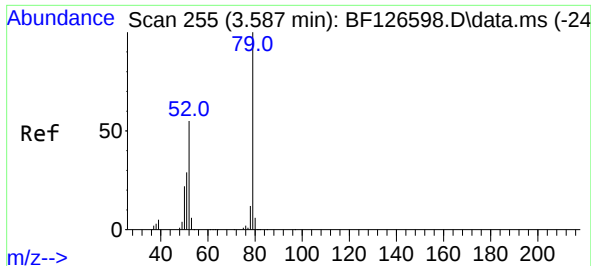


#2
1,4-Dioxane
Concen: 38.637 ng
RT: 3.004 min Scan# 156
Delta R.T. 0.182 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



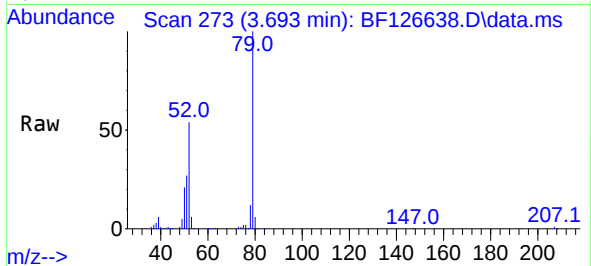
Tgt Ion: 88 Resp: 158294
Ion Ratio Lower Upper
88 100
58 69.2 62.8 94.2
43 0.0 22.3 33.5#





#3
Pyridine
Concen: 26.890 ng
RT: 3.693 min Scan# 21
Delta R.T. 0.106 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

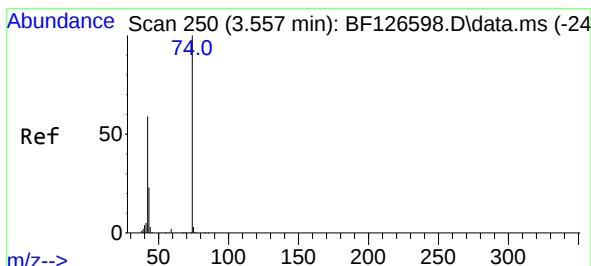
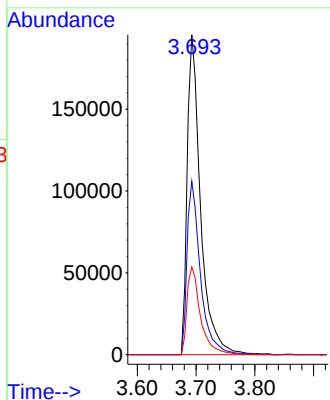
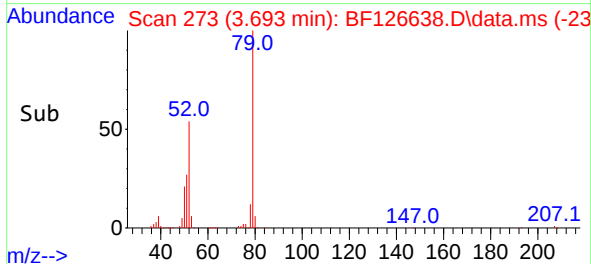
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



Tgt Ion: 79 Resp: 308610
Ion Ratio Lower Upper
79 100
52 54.2 56.2 84.4
51 27.4 26.7 40.1

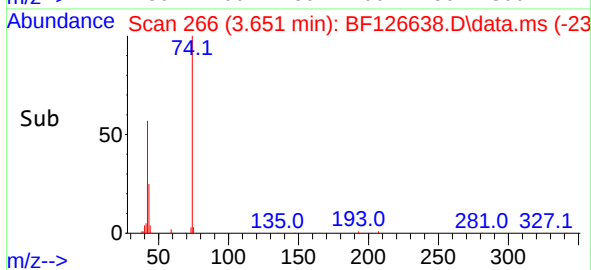
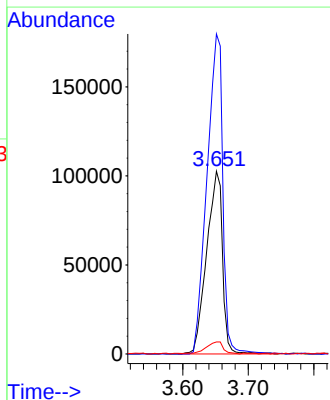
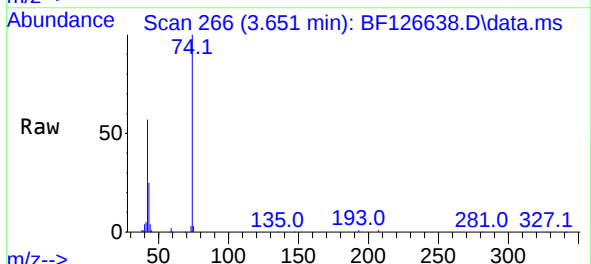
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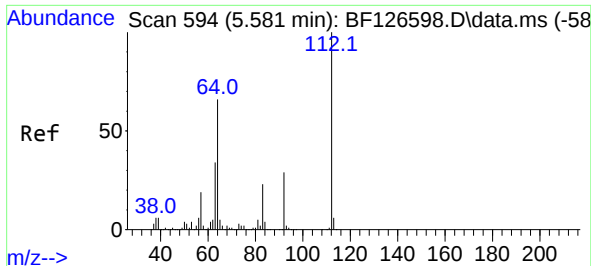
Reviewed By :Christian Giraldo 01/25/2022
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#4
n-Nitrosodimethylamine
Concen: 42.490 ng
RT: 3.651 min Scan# 266
Delta R.T. 0.094 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

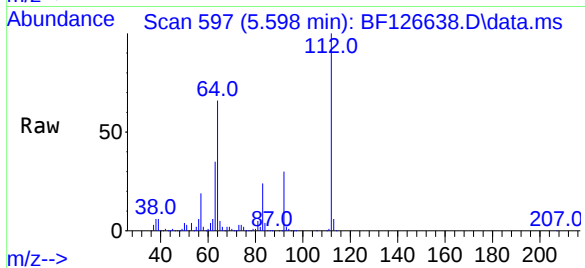
Tgt Ion: 42 Resp: 172543
Ion Ratio Lower Upper
42 100
74 175.1 125.6 188.4
44 6.6 5.7 8.5





#5
2-Fluorophenol
Concen: 109.030 ng
RT: 5.598 min Scan# 594
Delta R.T. 0.018 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

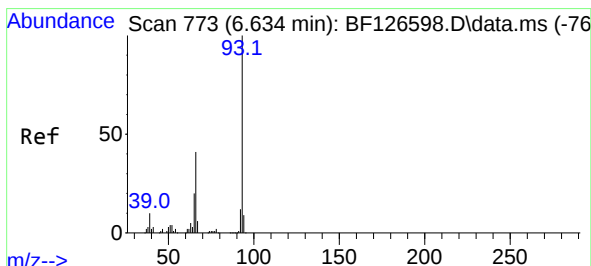
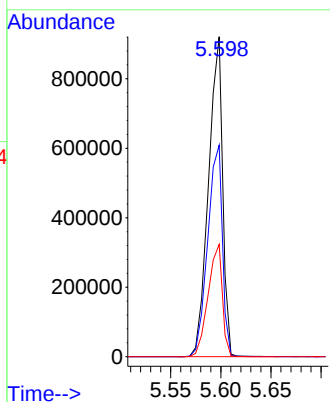
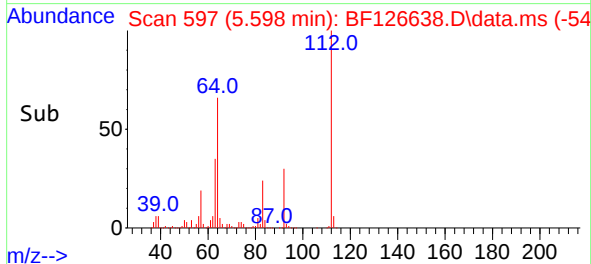
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ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



Tgt Ion: 112 Resp: 906340
Ion Ratio Lower Upper
112 100
64 66.1 49.5 74.3
63 35.1 23.9 35.9

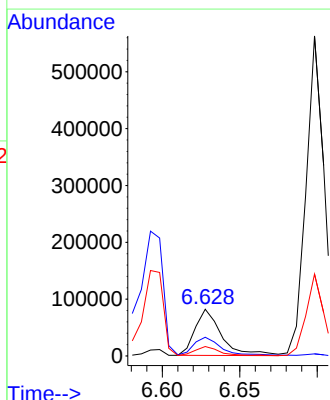
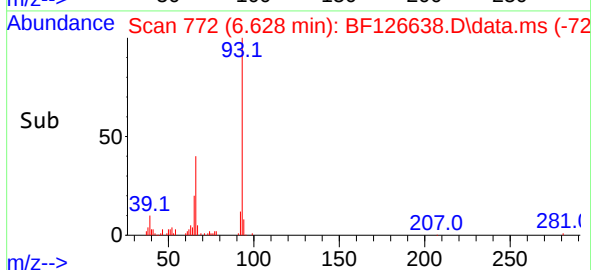
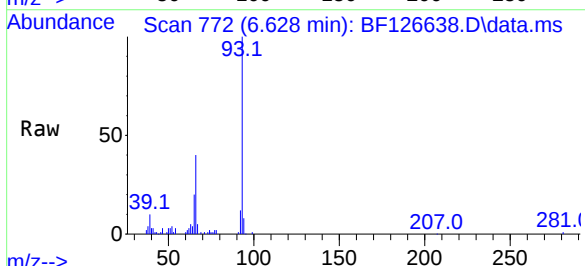
Manual Integrations
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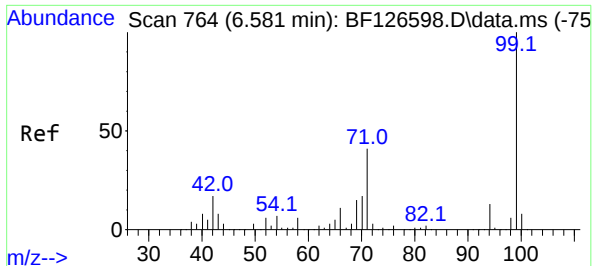
Reviewed By :Christian Giraldo 01/25/2022
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#6
Aniline
Concen: 6.705 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

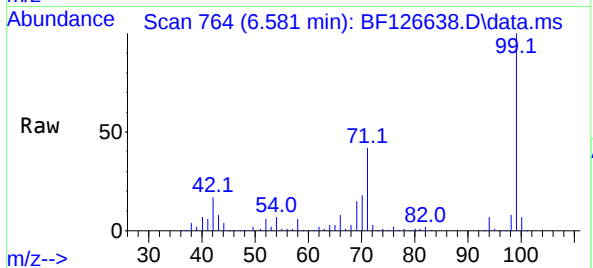
Tgt Ion: 93 Resp: 97038
Ion Ratio Lower Upper
93 100
66 40.3 32.2 48.4
65 20.4 16.3 24.5





#7
Phenol-d6
Concen: 100.230 ng
RT: 6.581 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

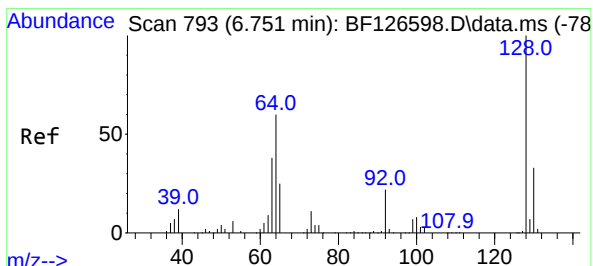
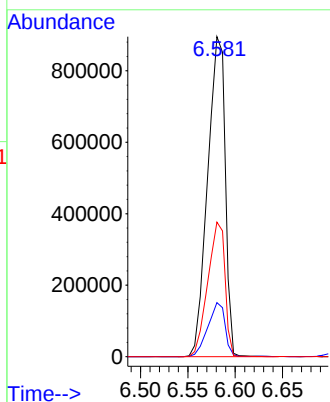
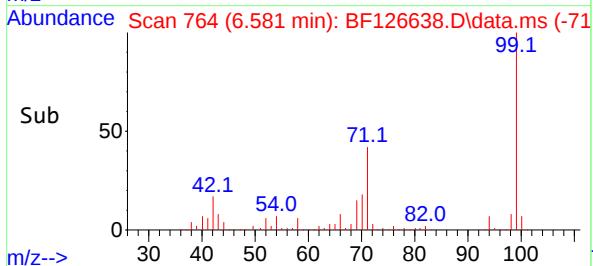
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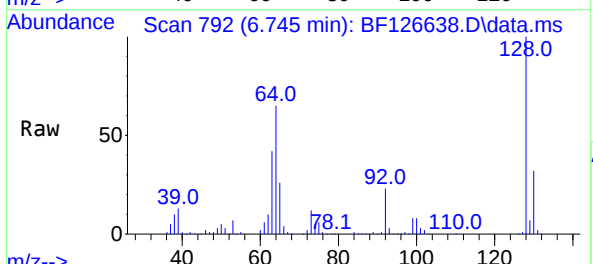
Tgt Ion: 99 Resp: 1157625
Ion Ratio Lower Upper
99 100
42 16.9 14.2 21.4
71 42.1 24.3 36.5

Manual Integrations
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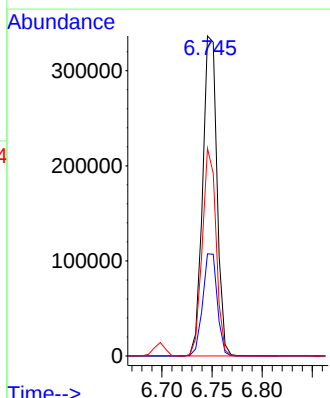
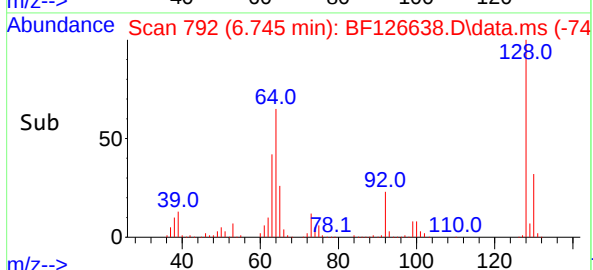
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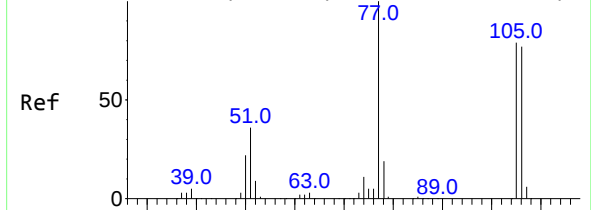
#8
2-Chlorophenol
Concen: 44.101 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



Tgt Ion:128 Resp: 336250
Ion Ratio Lower Upper
128 100
130 31.9 12.7 52.7
64 64.9 35.6 75.6



Abundance Scan 754 (6.522 min): BF126598.D\data.ms (-74



#9

Benzaldehyde

Concen: 38.681 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF126638.D

Acq: 24 Jan 2022 14:57

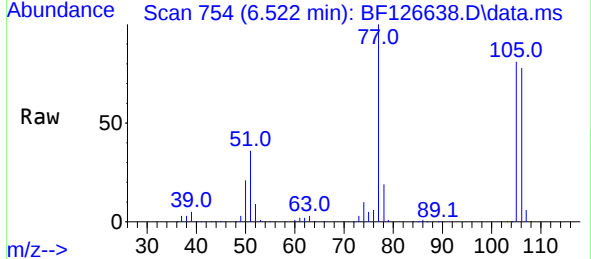
Instrument :

BNA_F

ClientSampleId :

EAST-BOILER-PIT-WASTE-CLASSMSD

Abundance Scan 754 (6.522 min): BF126638.D\data.ms



Tgt Ion: 77 Resp: 27924

Ion Ratio Lower Upper

77 100

105 81.5 74.9 114.9

106 77.9 72.4 112.4

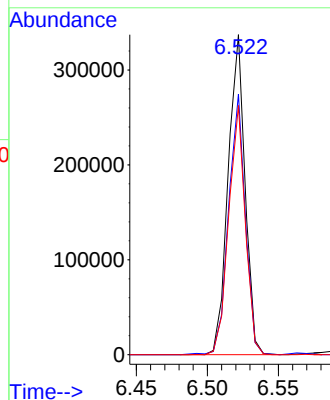
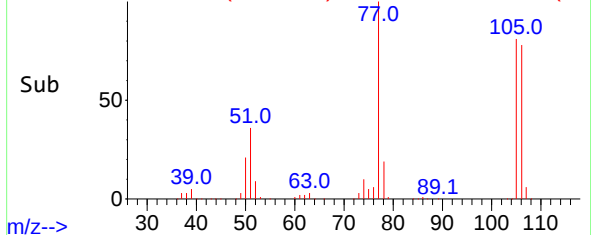
Manual Integrations

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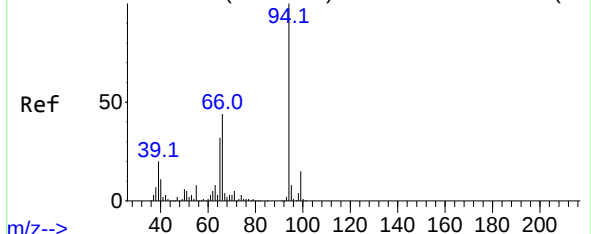
Reviewed By :Christian Giraldo 01/25/2022

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Abundance Scan 754 (6.522 min): BF126638.D\data.ms (-70



Abundance Scan 766 (6.593 min): BF126598.D\data.ms (-75



#10

Phenol

Concen: 38.306 ng

RT: 6.598 min Scan# 767

Delta R.T. 0.006 min

Lab File: BF126638.D

Acq: 24 Jan 2022 14:57

Tgt Ion: 94 Resp: 470555

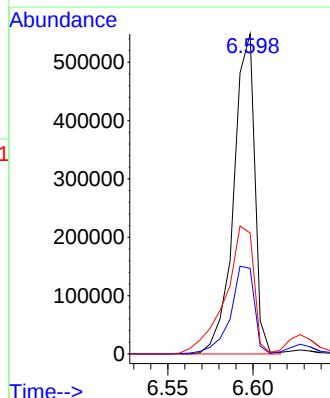
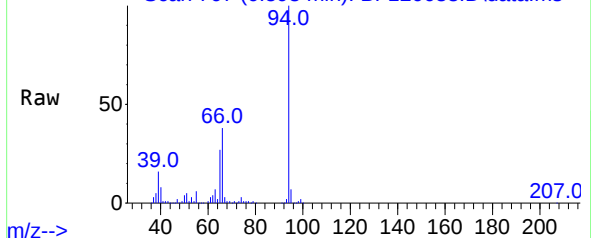
Ion Ratio Lower Upper

94 100

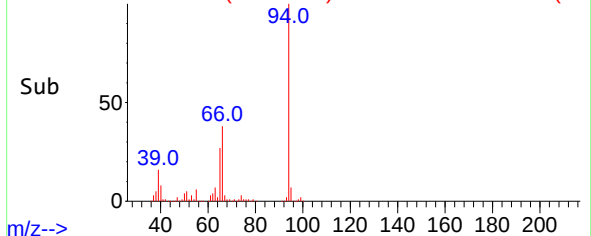
65 26.8 7.2 47.2

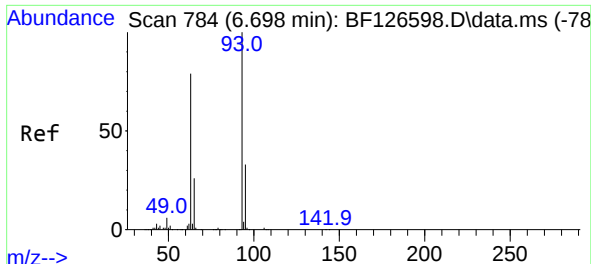
66 37.8 14.5 54.5

Abundance Scan 767 (6.598 min): BF126638.D\data.ms



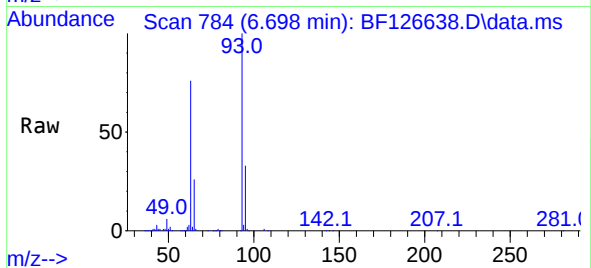
Abundance Scan 767 (6.598 min): BF126638.D\data.ms (-71





#11
bis(2-Chloroethyl)ether
Concen: 44.637 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

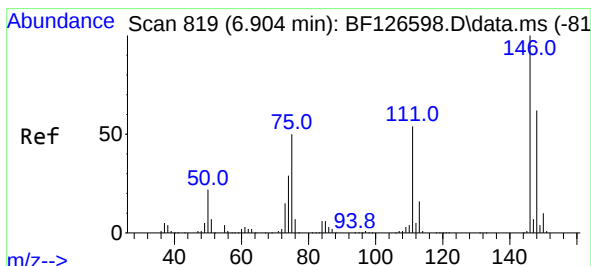
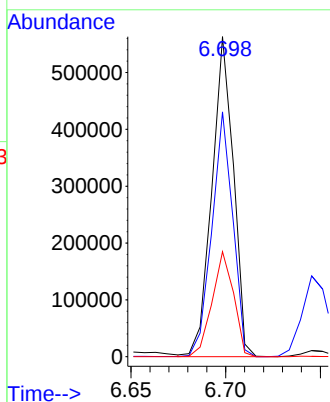
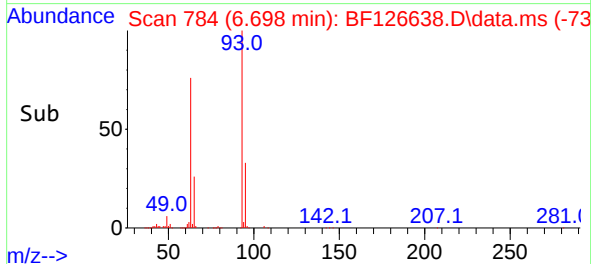
Instrument : BNA_F
Client Sample Id : EAST-BOILER-PIT-WASTE-CLASSMSD



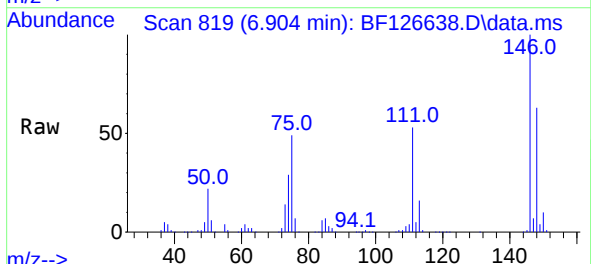
Tgt Ion: 93 Resp: 444963
Ion Ratio Lower Upper
93 100
63 76.5 60.5 100.5
95 32.8 12.9 52.9

Manual Integrations
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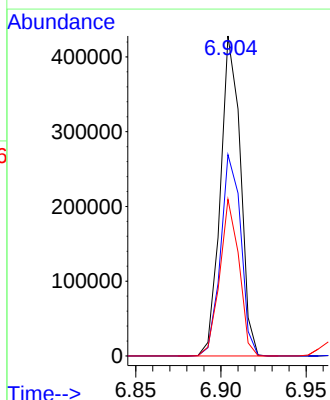
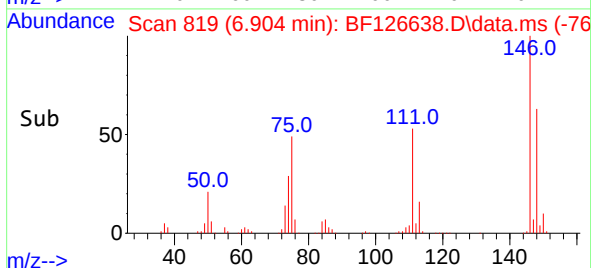
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

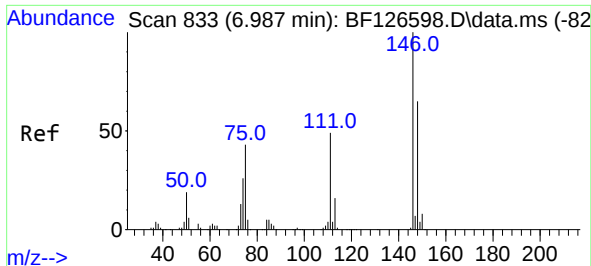


#12
1,3-Dichlorobenzene
Concen: 41.193 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



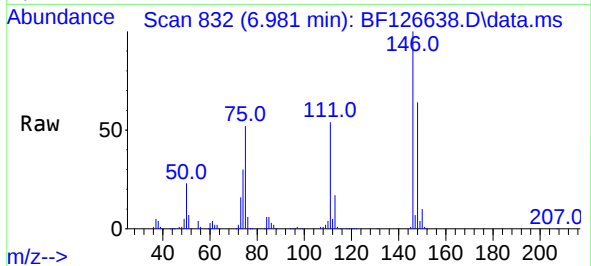
Tgt Ion:146 Resp: 348677
Ion Ratio Lower Upper
146 100
148 62.9 50.9 76.3
75 49.0 28.4 42.6#





#13
1,4-Dichlorobenzene
Concen: 41.710 ng
RT: 6.981 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

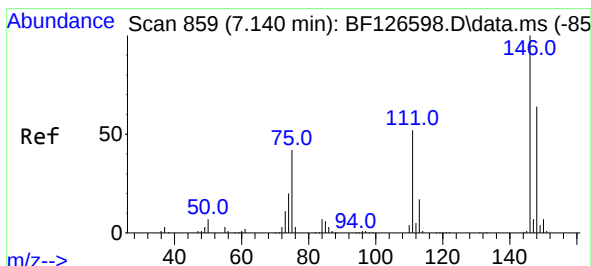
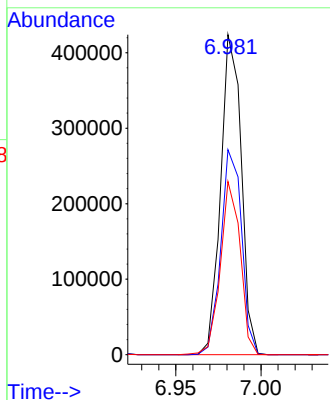
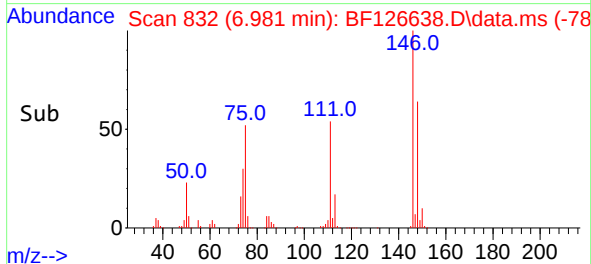
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



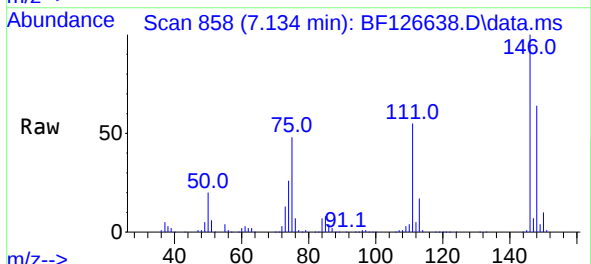
Tgt Ion:146 Resp: 356518
Ion Ratio Lower Upper
146 100
148 64.1 49.8 74.6
111 54.1 36.1 54.1

Manual Integrations
APPROVED

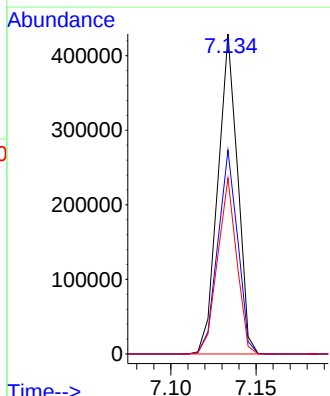
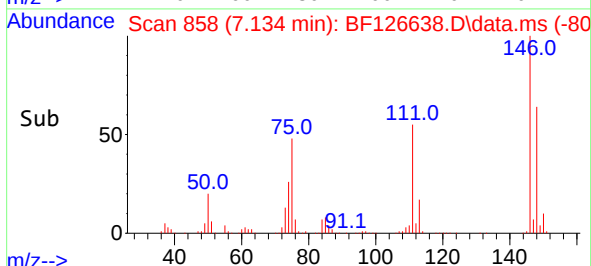
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

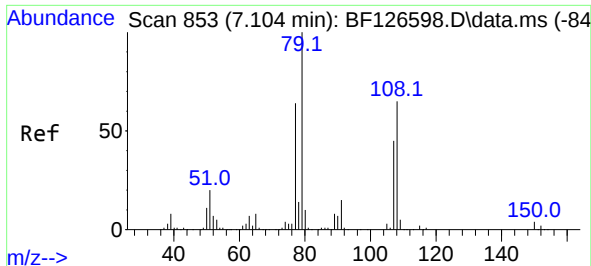


#14
1,2-Dichlorobenzene
Concen: 42.724 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



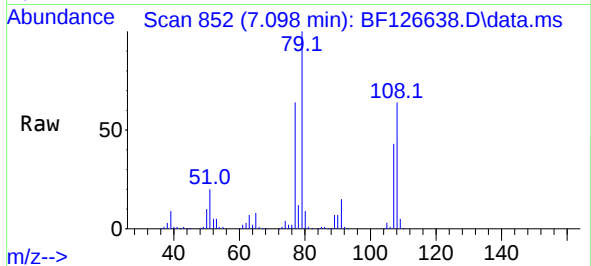
Tgt Ion:146 Resp: 344282
Ion Ratio Lower Upper
146 100
148 63.7 51.6 77.4
111 55.0 40.2 60.2





#15
Benzyl Alcohol
Concen: 42.032 ng
RT: 7.098 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

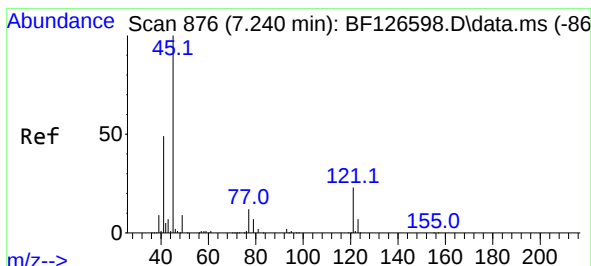
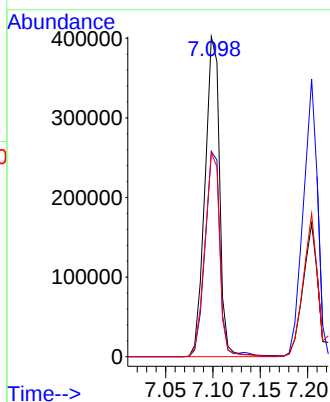
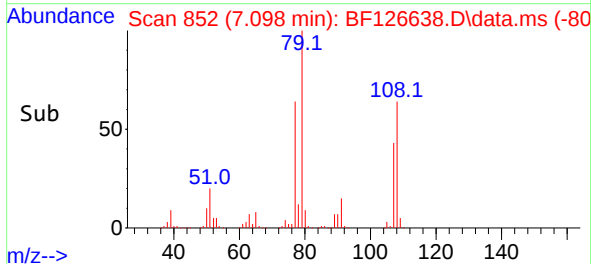
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



Tgt Ion: 79 Resp: 432800
Ion Ratio Lower Upper
79 100
108 64.2 63.2 94.8
77 63.7 49.4 74.2

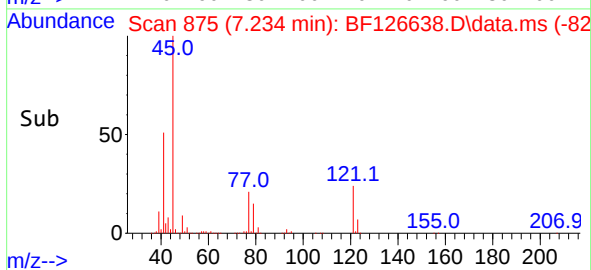
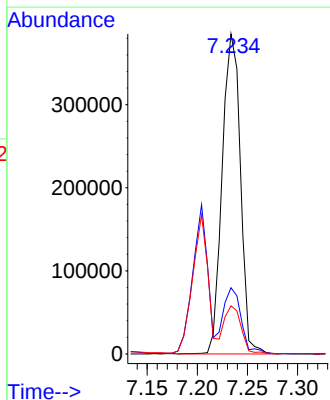
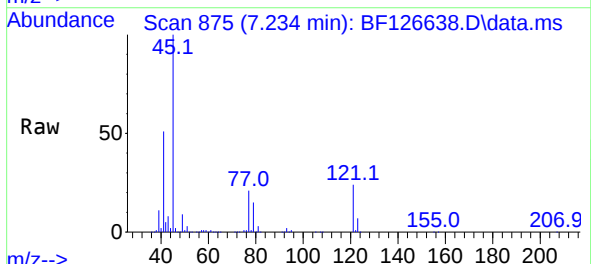
Manual Integrations
APPROVED

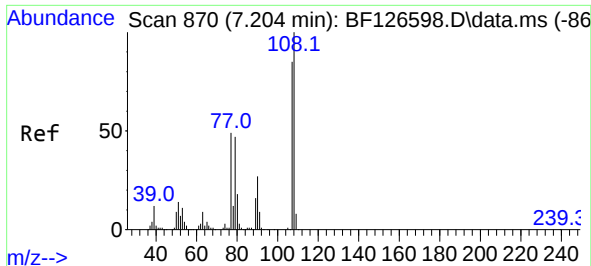
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.659 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

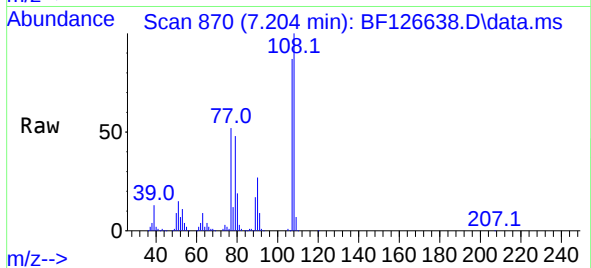
Tgt Ion: 45 Resp: 485154
Ion Ratio Lower Upper
45 100
77 20.7 0.0 32.4
79 15.0 0.0 29.8





#17
2-Methylphenol
Concen: 42.455 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

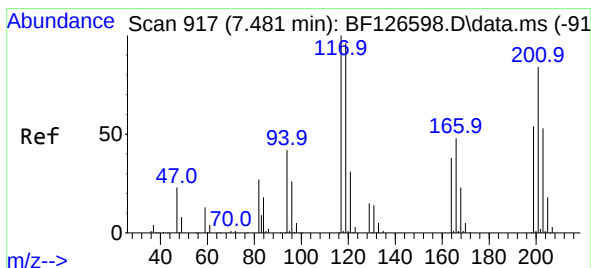
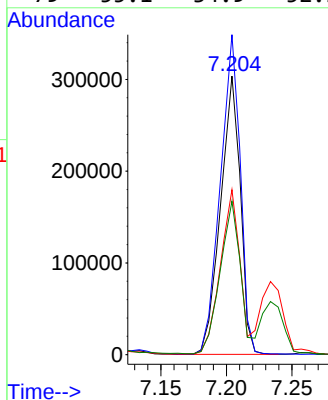
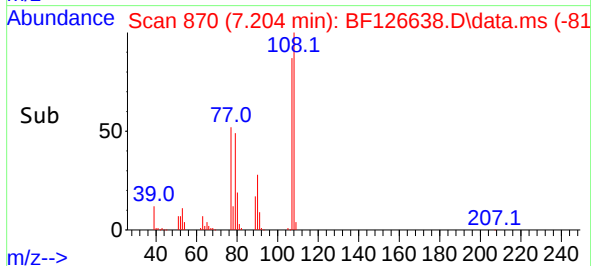
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



Tgt Ion:107 Resp: 318249
Ion Ratio Lower Upper
107 100
108 114.9 93.4 140.0
77 59.2 36.1 54.1
79 55.1 34.9 52.3

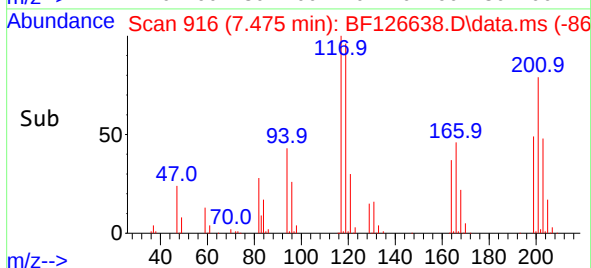
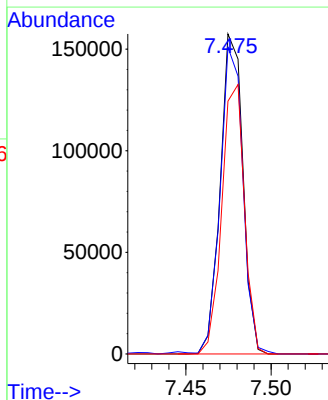
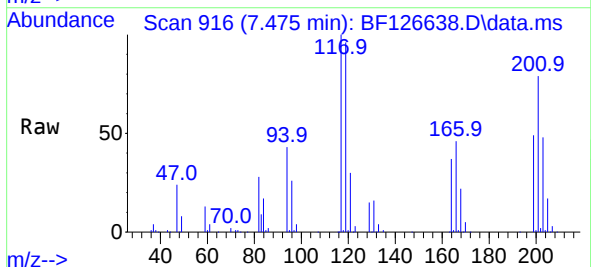
Manual Integrations
APPROVED

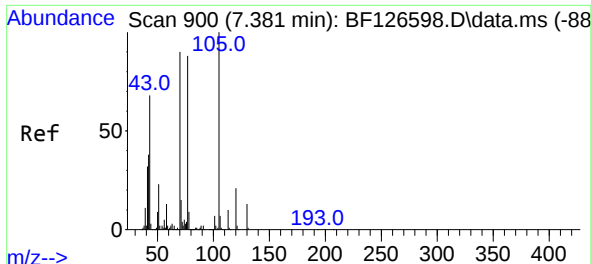
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#18
Hexachloroethane
Concen: 42.089 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

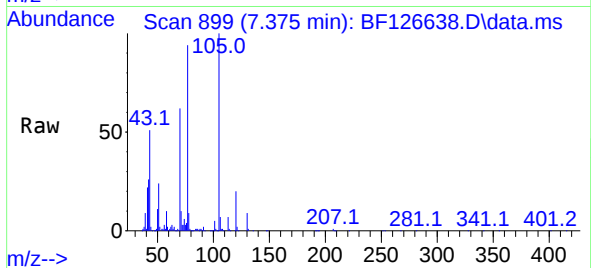
Tgt Ion:117 Resp: 145261
Ion Ratio Lower Upper
117 100
119 95.9 75.4 113.0
201 79.0 56.8 85.2





#19
n-Nitroso-di-n-propylamine
Concen: 41.949 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

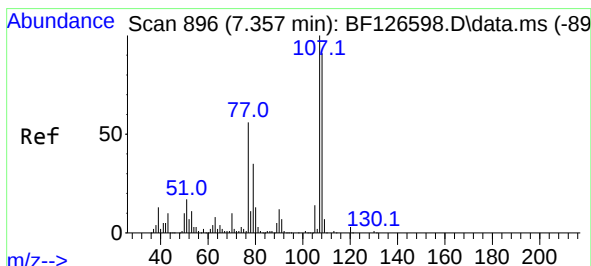
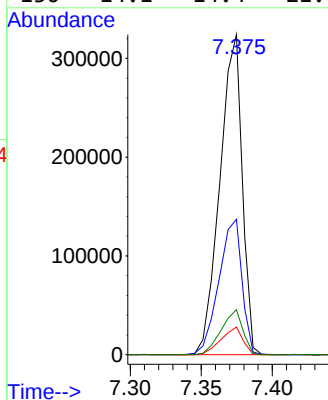
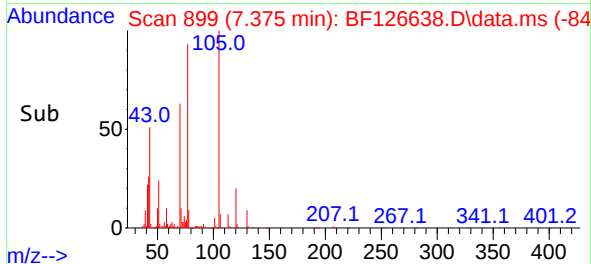
Instrument : BNA_F
ClientSampleId : EAST-BOILER-PIT-WASTE-CLASSMSD



Tgt Ion: 70 Resp: 353608
Ion Ratio Lower Upper
70 100
42 42.3 45.8 68.8
101 8.6 6.9 10.3
130 14.1 14.4 21.6#

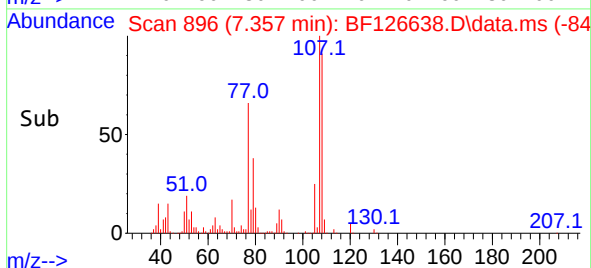
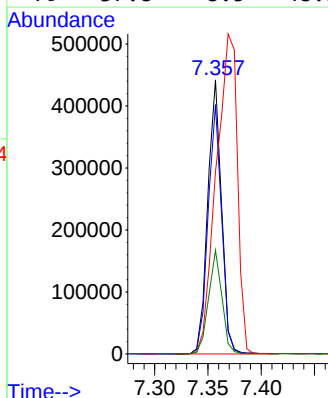
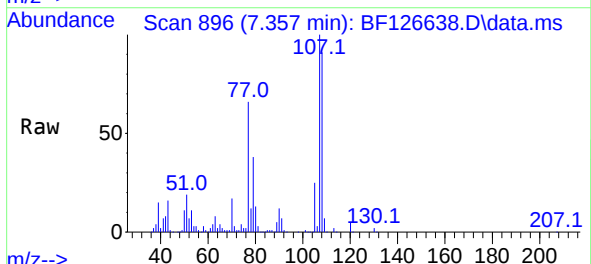
Manual Integrations
APPROVED

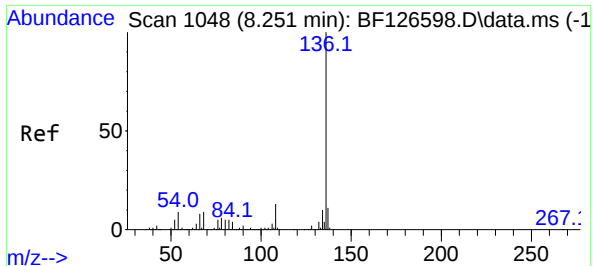
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#20
3+4-Methylphenols
Concen: 40.917 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

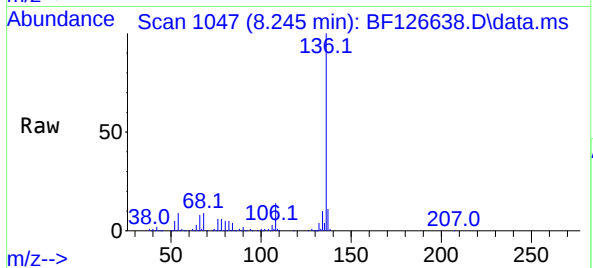
Tgt Ion:107 Resp: 397697
Ion Ratio Lower Upper
107 100
108 90.9 72.4 112.4
77 66.5 83.8 123.8#
79 37.8 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

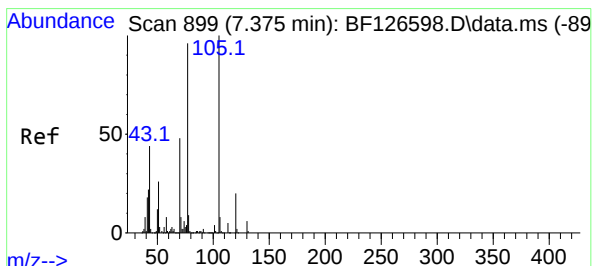
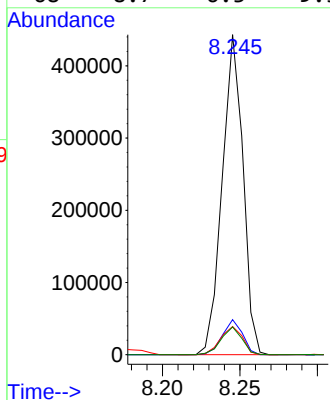
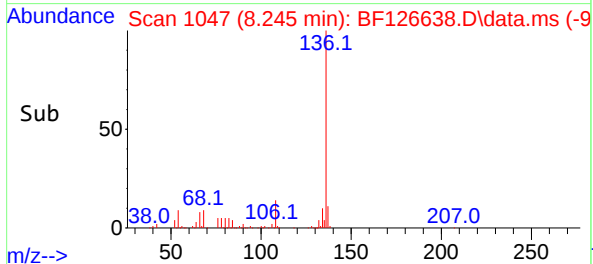
Instrument : BNA_F
ClientSampleId : EAST-BOILER-PIT-WASTE-CLASSMSD



Tgt Ion:136 Resp: 413511
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.8 7.8 11.6
68 8.7 6.3 9.5

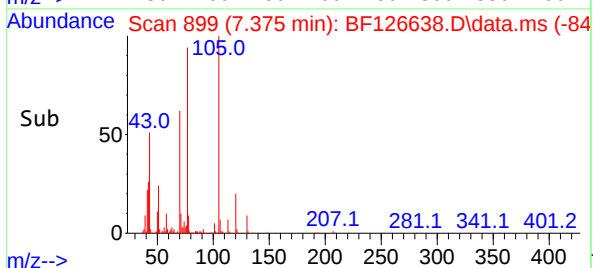
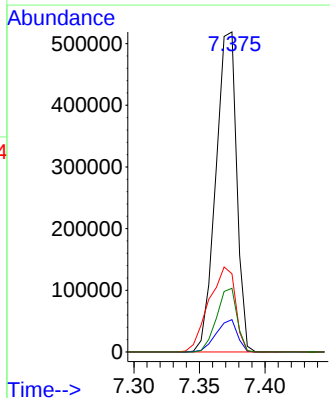
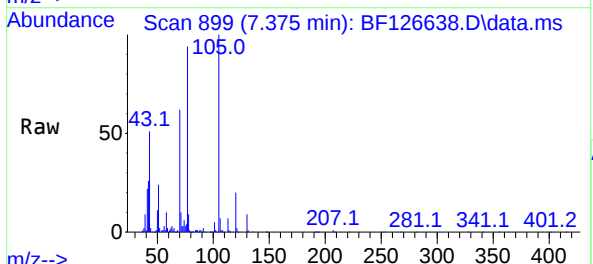
Manual Integrations
APPROVED

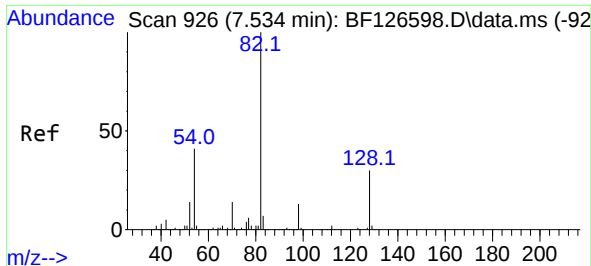
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#22
Acetophenone
Concen: 45.118 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

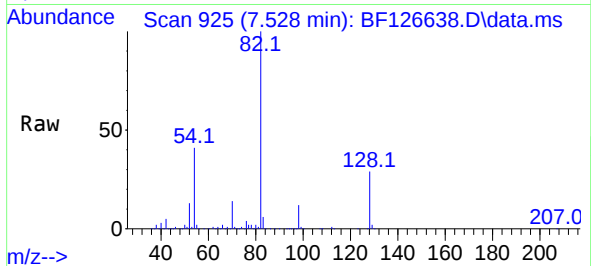
Tgt Ion:105 Resp: 574954
Ion Ratio Lower Upper
105 100
71 10.1 5.4 8.0#
51 24.5 27.4 41.0#
120 19.9 17.0 25.6





#23
Nitrobenzene-d5
Concen: 94.390 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

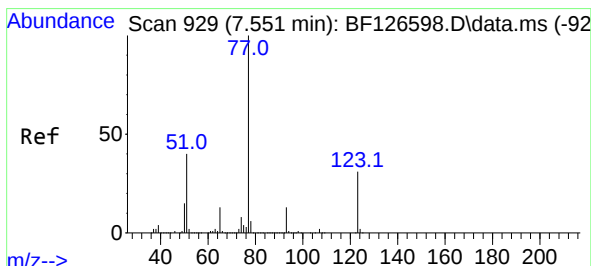
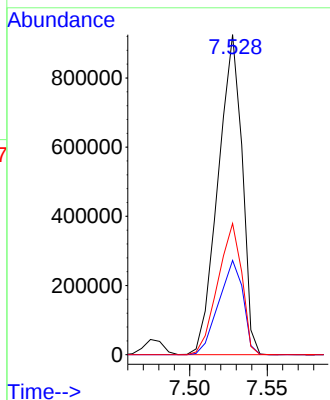
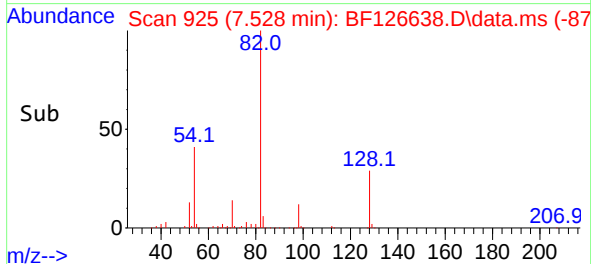
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



Tgt Ion: 82 Resp: 99719
Ion Ratio Lower Upper
82 100
128 29.4 32.7 49.1
54 41.0 41.7 62.5

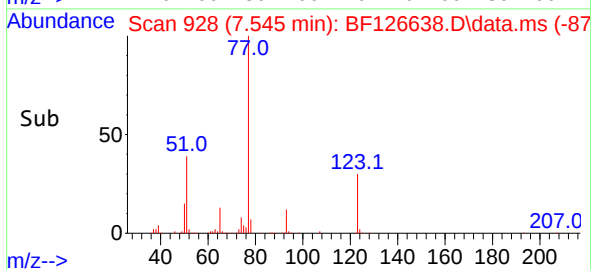
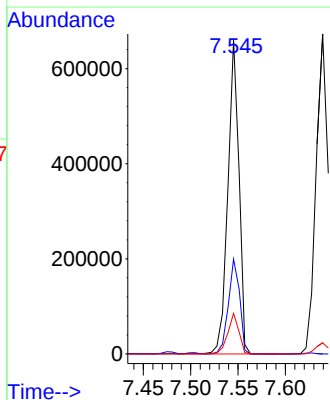
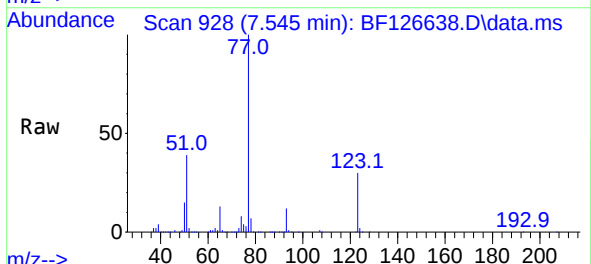
Manual Integrations
APPROVED

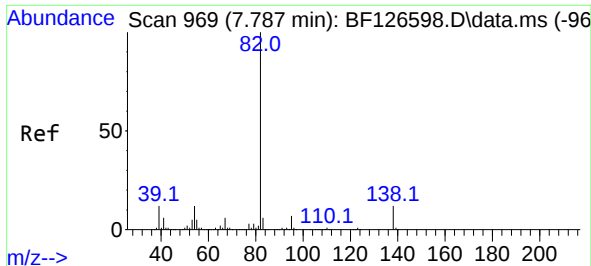
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#24
Nitrobenzene
Concen: 49.576 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

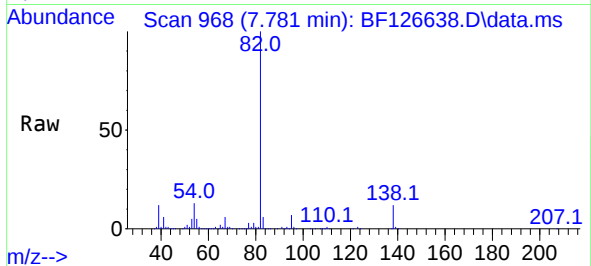
Tgt Ion: 77 Resp: 540687
Ion Ratio Lower Upper
77 100
123 30.1 34.6 52.0
65 12.9 10.6 15.8





#25
Isophorone
Concen: 44.576 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

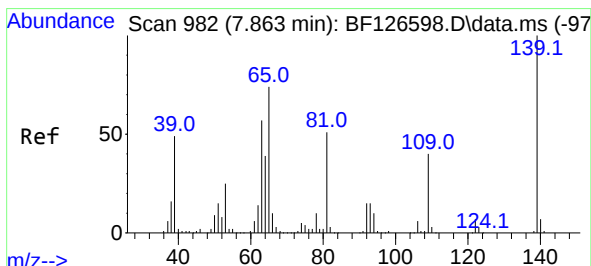
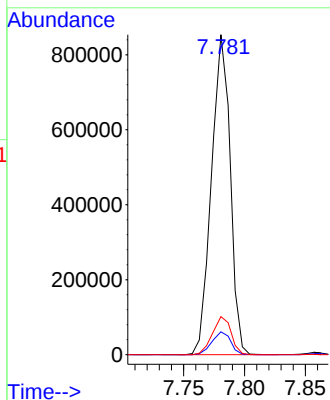
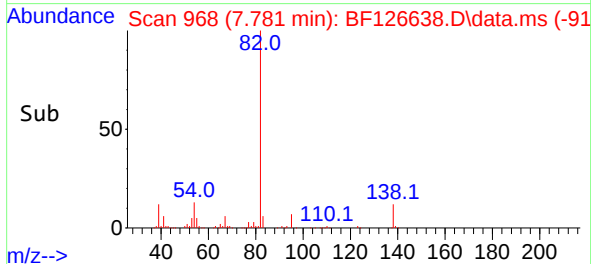
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



Tgt Ion: 82 Resp: 91329
Ion Ratio Lower Upper
82 100
95 7.2 5.0 7.4
138 11.9 12.3 18.5

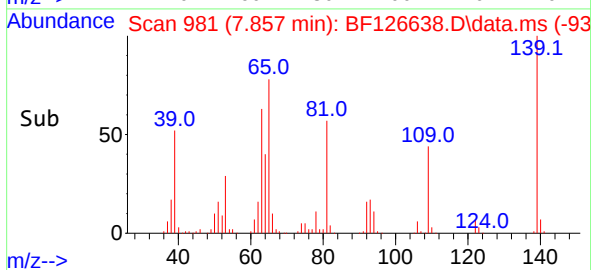
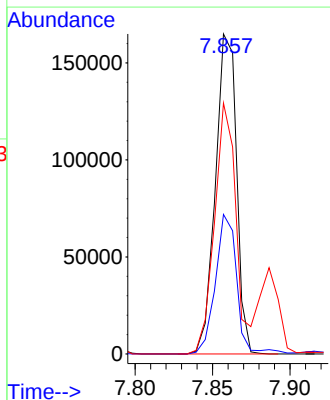
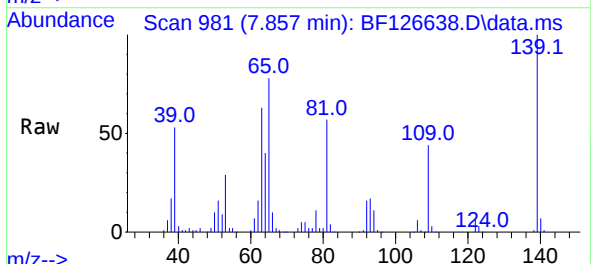
Manual Integrations
APPROVED

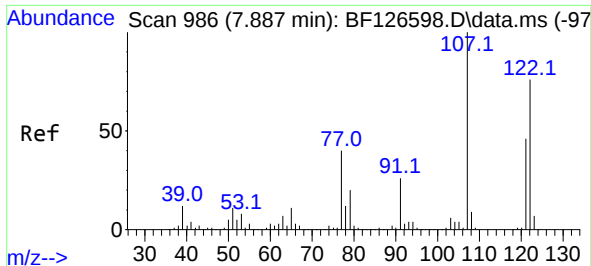
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#26
2-Nitrophenol
Concen: 55.005 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

Tgt Ion:139 Resp: 156490
Ion Ratio Lower Upper
139 100
109 43.6 20.0 30.0#
65 78.4 40.8 61.2#





#27

2,4-Dimethylphenol

Concen: 48.328 ng

RT: 7.886 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF126638.D

Acq: 24 Jan 2022 14:57

Instrument :

BNA_F

ClientSampleId :

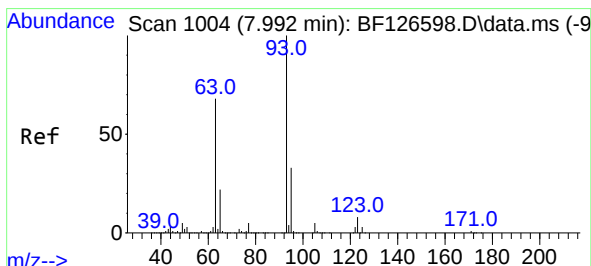
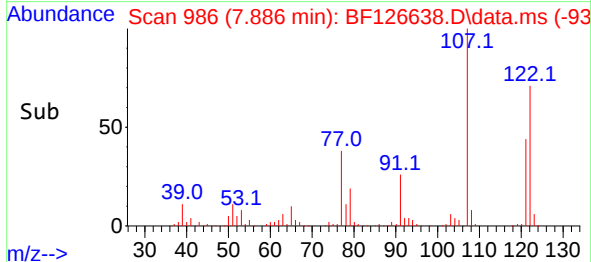
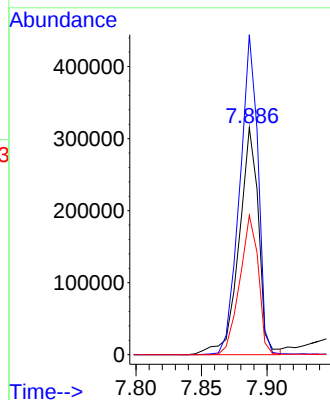
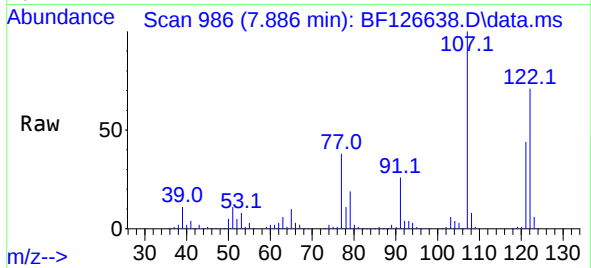
EAST-BOILER-PIT-WASTE-CLASSMSD

Tgt Ion:122 Resp: 326289
 Ion Ratio Lower Upper
 122 100
 107 141.0 91.2 136.8
 121 61.4 44.4 66.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/25/2022
 Supervised By :Jagrut Upadhyay 01/25/2022



#28

bis(2-Chloroethoxy)methane

Concen: 43.416 ng

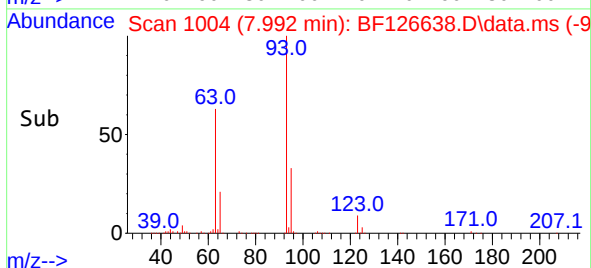
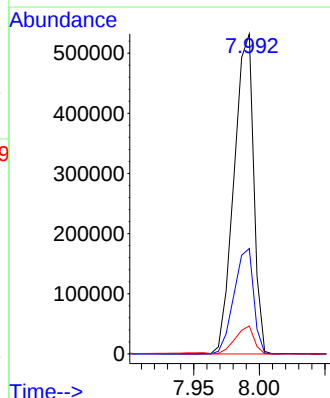
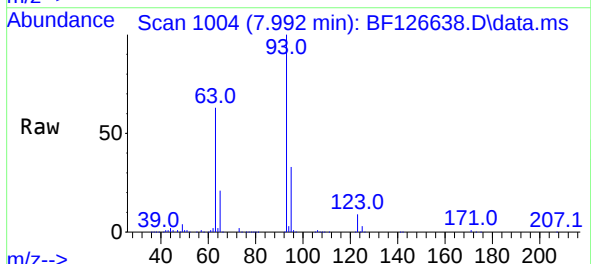
RT: 7.992 min Scan# 1004

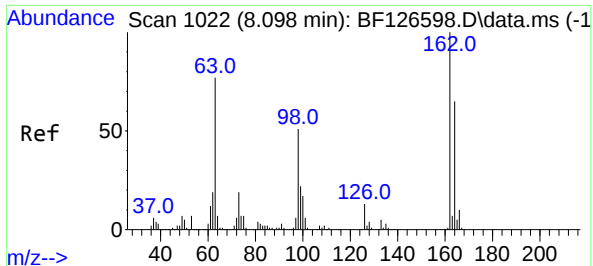
Delta R.T. -0.000 min

Lab File: BF126638.D

Acq: 24 Jan 2022 14:57

Tgt Ion: 93 Resp: 554782
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.4 38.2
 123 8.8 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 43.962 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.000 min

Lab File: BF126638.D

Acq: 24 Jan 2022 14:57

Instrument :

BNA_F

ClientSampleId :

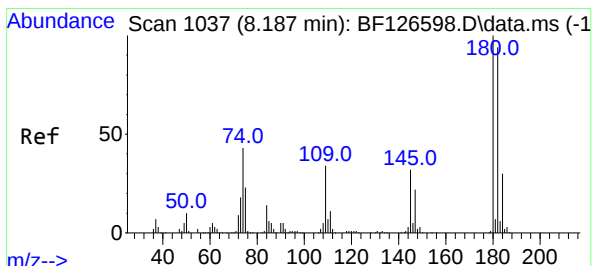
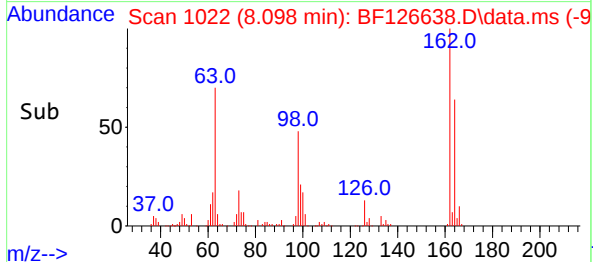
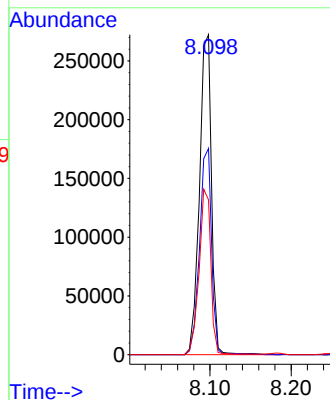
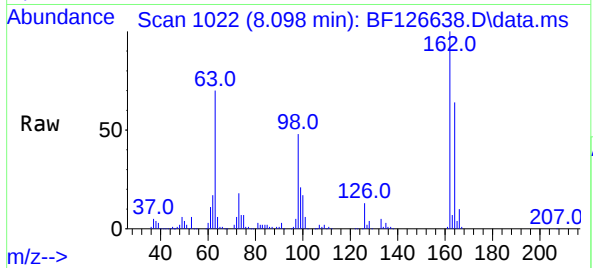
EAST-BOILER-PIT-WASTE-CLASSMSD

Tgt Ion:162 Resp: 281552
 Ion Ratio Lower Upper
 162 100
 164 64.5 43.8 83.8
 98 48.4 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2022
 Supervised By :Jagrut Upadhyay 01/25/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.266 ng

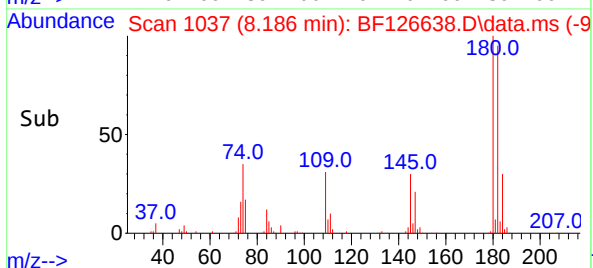
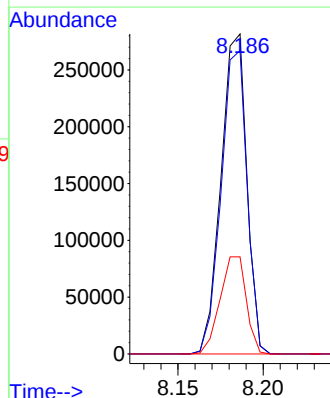
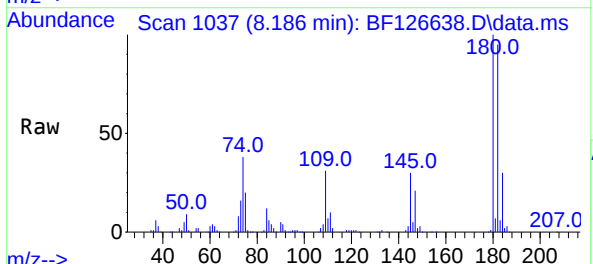
RT: 8.186 min Scan# 1037

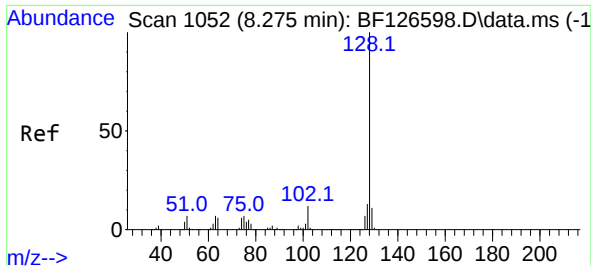
Delta R.T. -0.000 min

Lab File: BF126638.D

Acq: 24 Jan 2022 14:57

Tgt Ion:180 Resp: 297149
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.5 113.3
 145 30.4 26.2 39.2





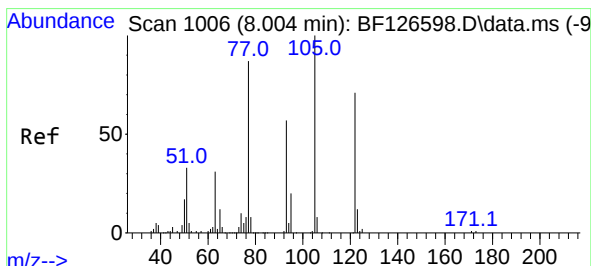
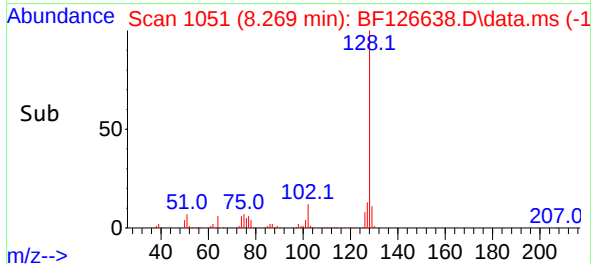
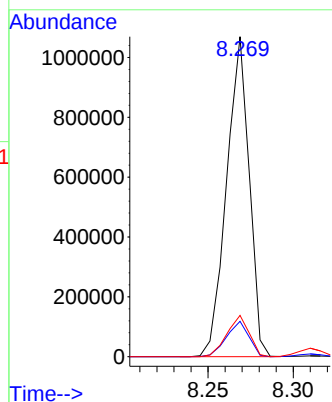
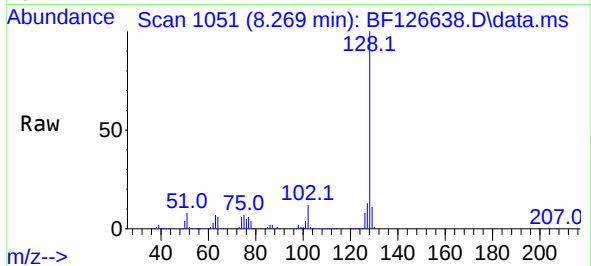
#31
Naphthalene
Concen: 44.230 ng
RT: 8.269 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

Instrument : BNA_F
Client Sample Id : EAST-BOILER-PIT-WASTE-CLASSMSD

Tgt Ion:128 Resp: 988038
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.9 10.3 15.5

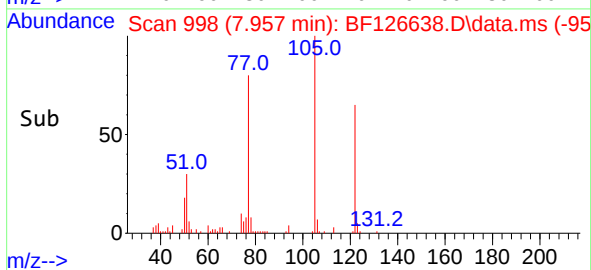
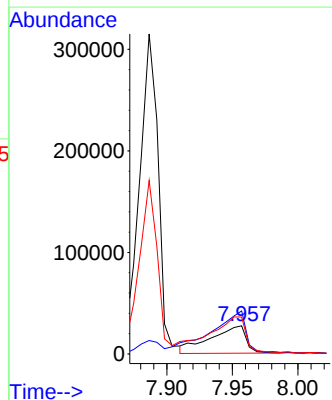
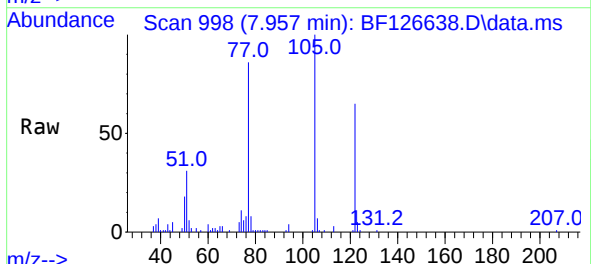
Manual Integrations
APPROVED

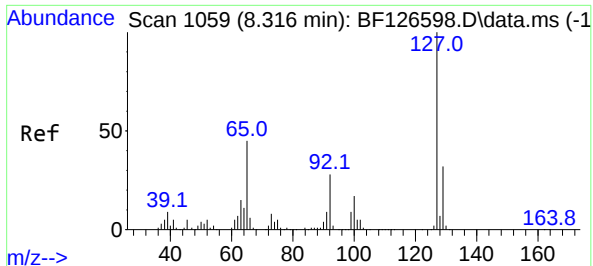
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#32
Benzoic acid
Concen: 13.431 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.047 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

Tgt Ion:122 Resp: 51439
Ion Ratio Lower Upper
122 100
105 153.0 101.0 141.0#
77 131.4 74.5 114.5#





#33

4-Chloroaniline

Concen: 3.510 ng

RT: 8.310 min Scan# 1059

Delta R.T. -0.006 min

Lab File: BF126638.D

Acq: 24 Jan 2022 14:57

Instrument :

BNA_F

ClientSampleId :

EAST-BOILER-PIT-WASTE-CLASSMSD

Tgt Ion:127 Resp: 31329

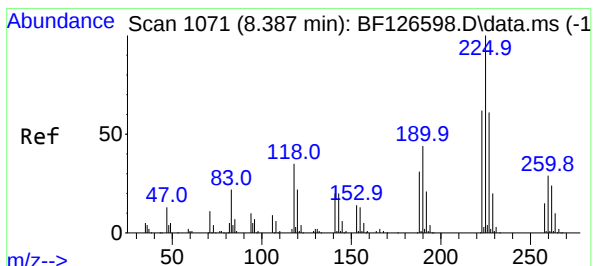
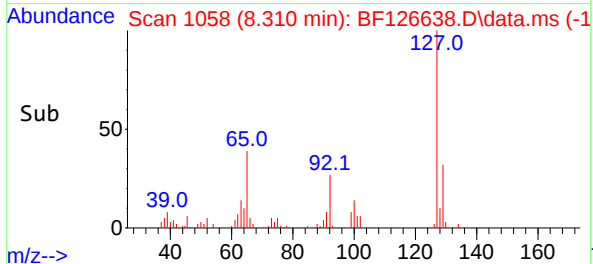
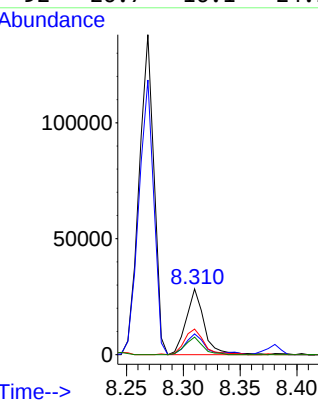
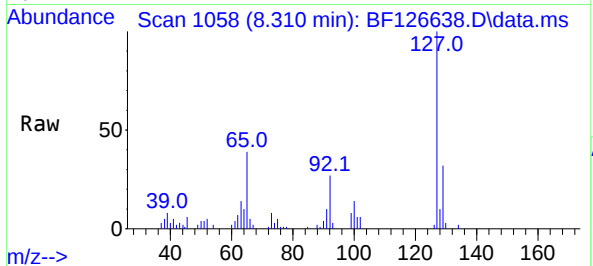
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.5	39.7
65	39.1	26.6	39.8
92	26.7	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2022

Supervised By :Jagrut Upadhyay 01/25/2022



#34

Hexachlorobutadiene

Concen: 43.101 ng

RT: 8.381 min Scan# 1070

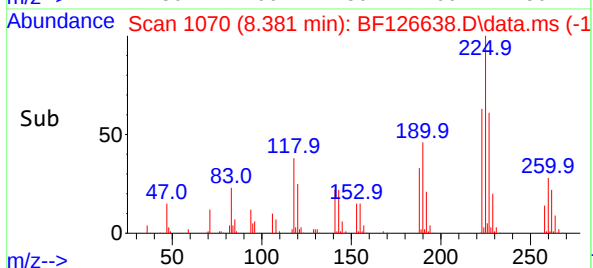
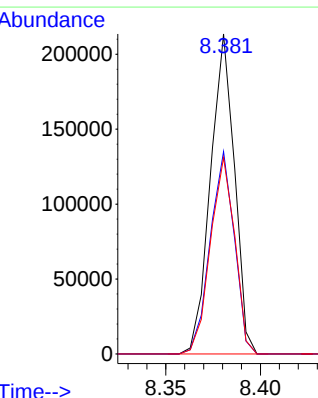
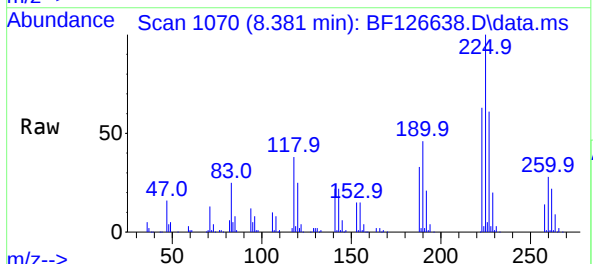
Delta R.T. -0.006 min

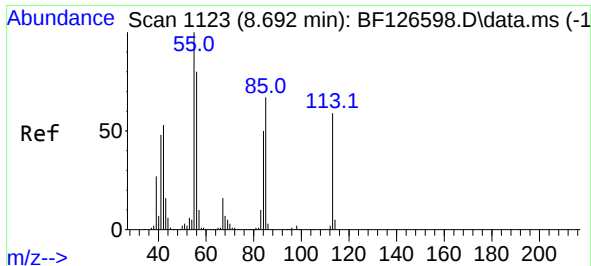
Lab File: BF126638.D

Acq: 24 Jan 2022 14:57

Tgt Ion:225 Resp: 188297

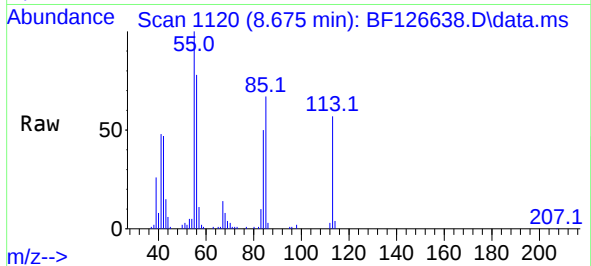
Ion	Ratio	Lower	Upper
225	100		
223	63.3	48.6	73.0
227	61.4	51.4	77.0





#35
Caprolactam
Concen: 33.315 ng m
RT: 8.675 min Scan# 1123
Delta R.T. -0.018 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

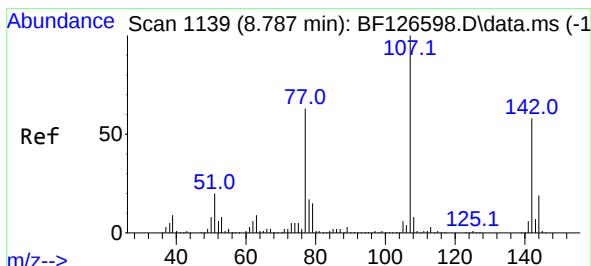
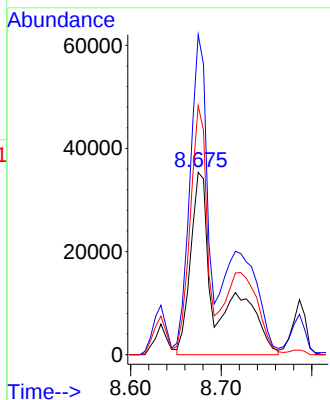
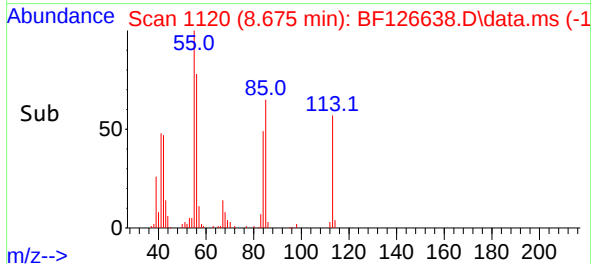
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



Tgt Ion:113 Resp: 7619
Ion Ratio Lower Upper
113 100
55 175.6 183.9 223.9
56 136.6 129.9 169.9

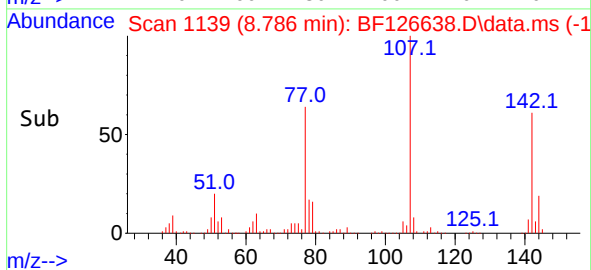
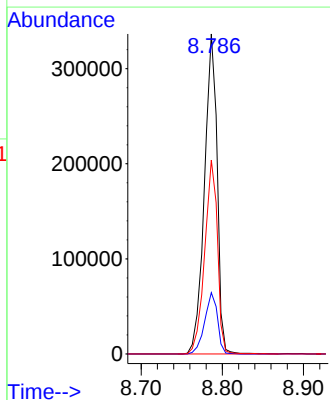
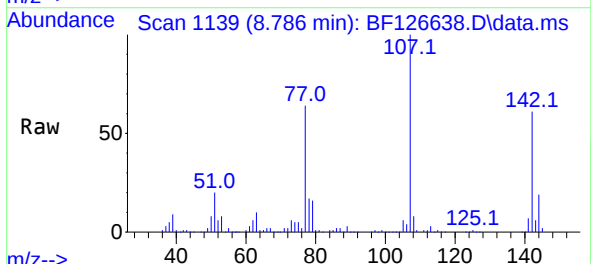
Manual Integrations
APPROVED

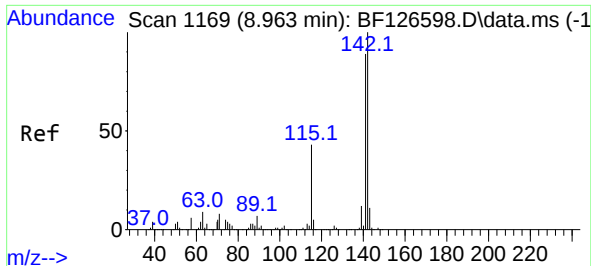
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#36
4-Chloro-3-methylphenol
Concen: 43.626 ng
RT: 8.786 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

Tgt Ion:107 Resp: 365369
Ion Ratio Lower Upper
107 100
144 19.1 18.5 27.7
142 60.6 58.1 87.1





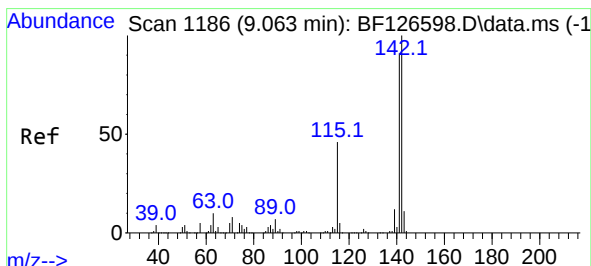
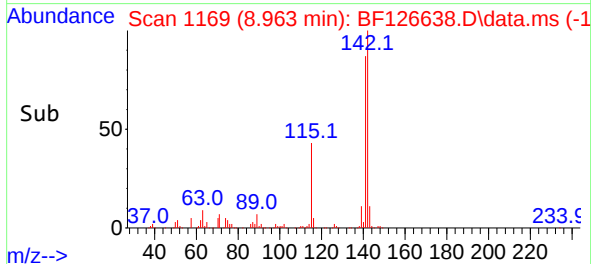
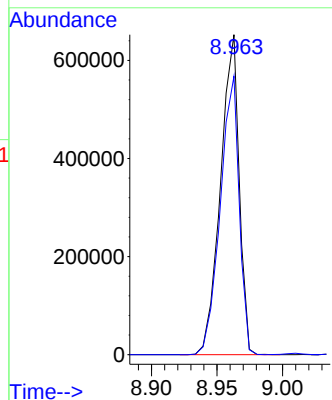
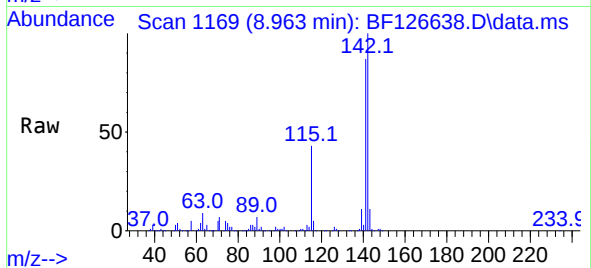
#37
2-Methylnaphthalene
Concen: 46.348 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

Instrument : BNA_F
ClientSampleId : EAST-BOILER-PIT-WASTE-CLASSMSD

Tgt Ion:142 Resp: 64390
Ion Ratio Lower Upper
142 100
141 87.0 68.6 102.8

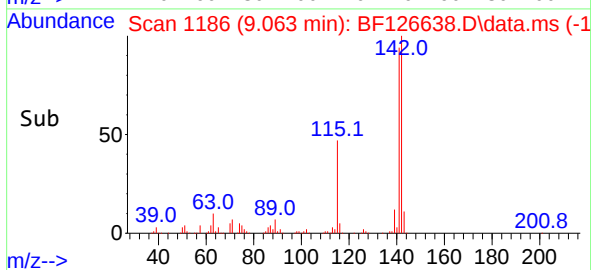
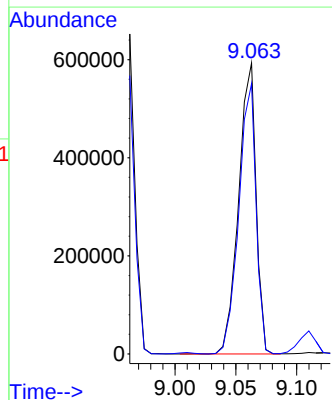
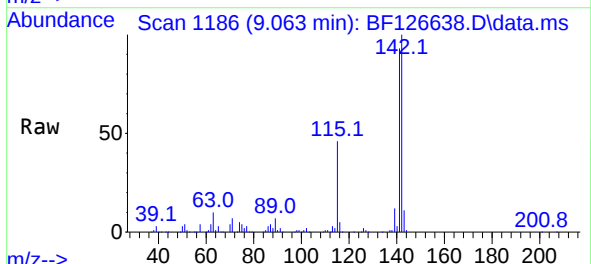
Manual Integrations
APPROVED

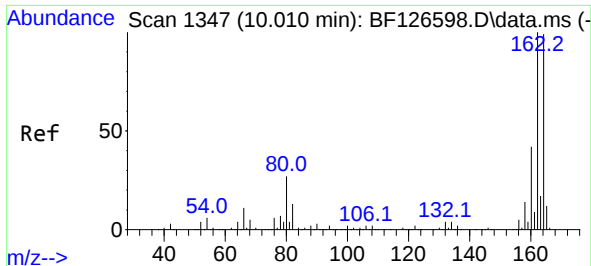
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#38
1-Methylnaphthalene
Concen: 43.915 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

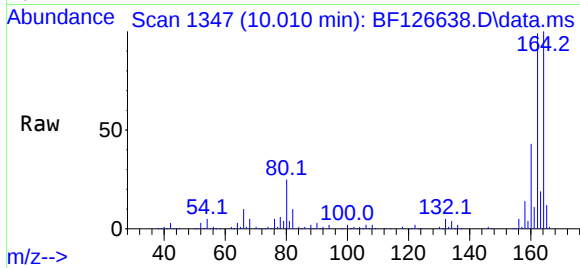
Tgt Ion:142 Resp: 591335
Ion Ratio Lower Upper
142 100
141 92.9 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

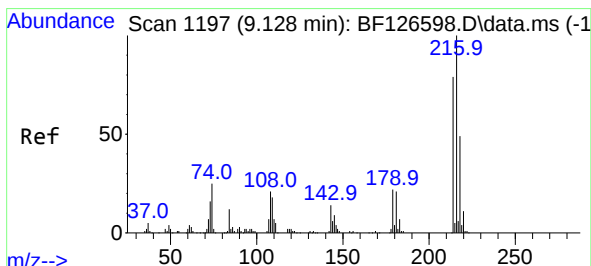
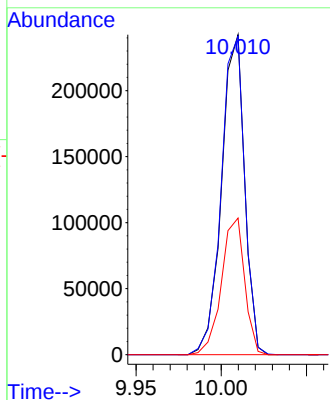
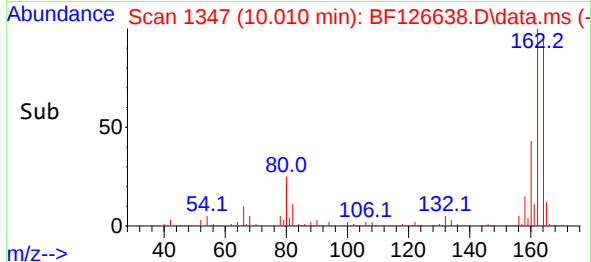
Instrument : BNA_F
Client Sample Id : EAST-BOILER-PIT-WASTE-CLASSMSD



Tgt Ion:164 Resp: 227290
Ion Ratio Lower Upper
164 100
162 99.5 81.4 122.0
160 42.7 36.6 54.8

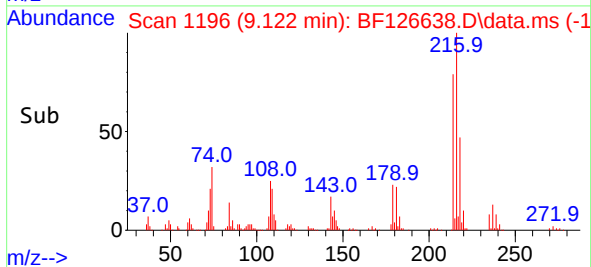
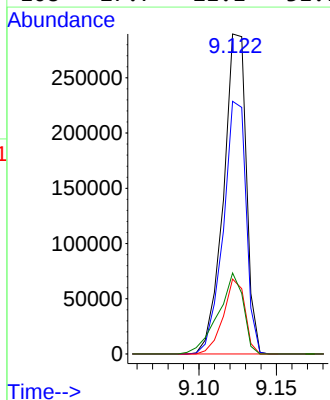
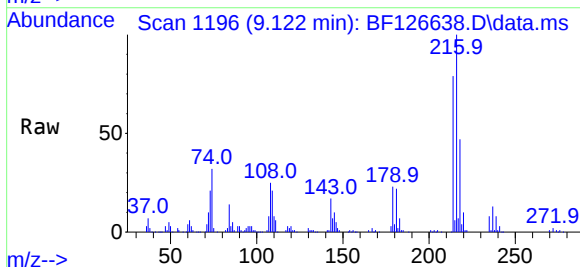
Manual Integrations
APPROVED

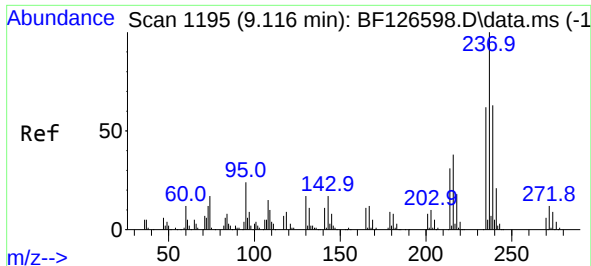
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.597 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

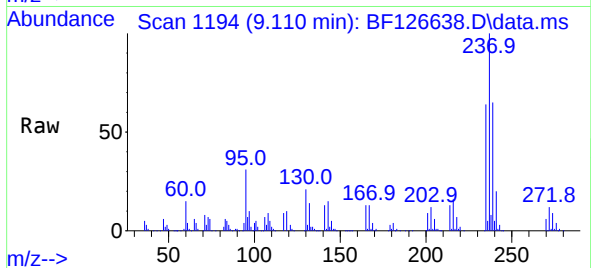
Tgt Ion:216 Resp: 297070
Ion Ratio Lower Upper
216 100
214 78.7 64.6 96.8
179 22.1 19.5 29.3
108 27.7 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 89.431 ng
RT: 9.110 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

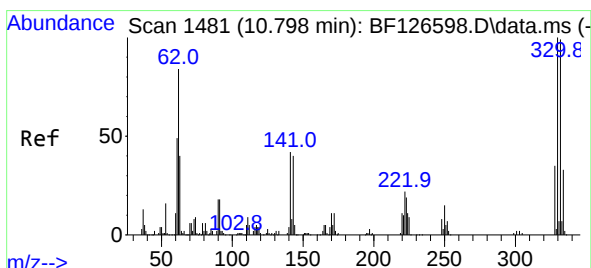
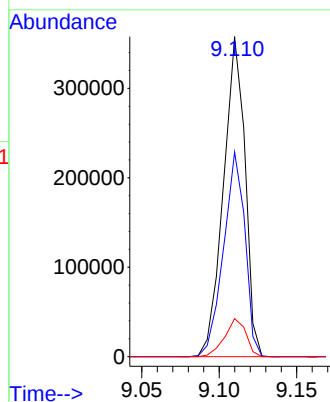
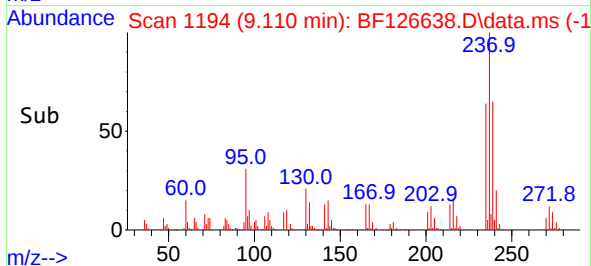
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



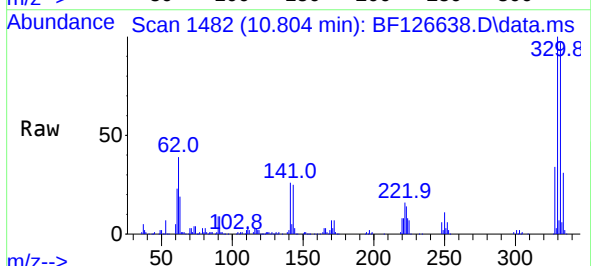
Tgt Ion:237 Resp: 347132
Ion Ratio Lower Upper
237 100
235 64.0 38.9 78.9
272 11.9 0.0 33.5

Manual Integrations
APPROVED

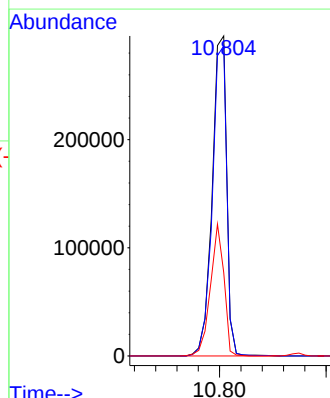
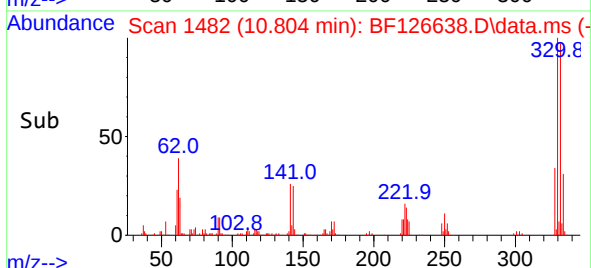
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

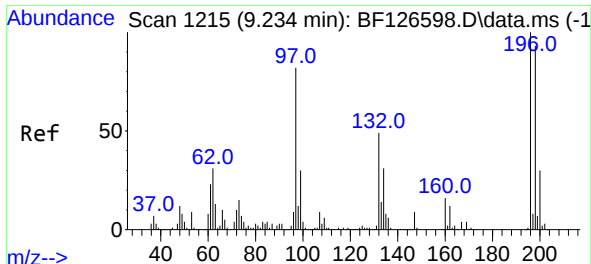


#42
2,4,6-Tribromophenol
Concen: 131.437 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



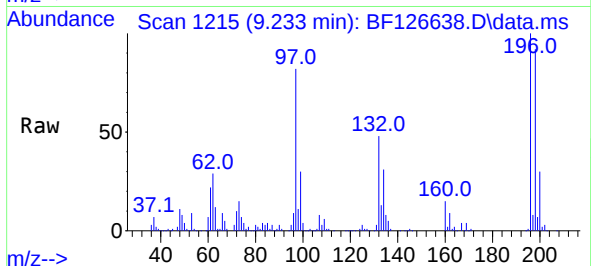
Tgt Ion:330 Resp: 279585
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 38.6 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 44.509 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

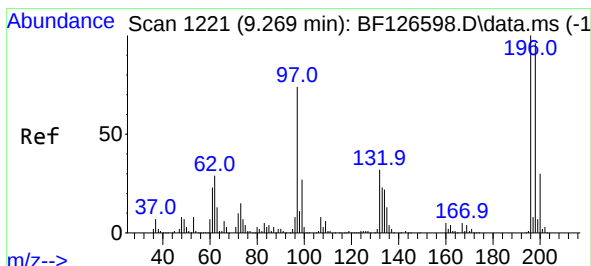
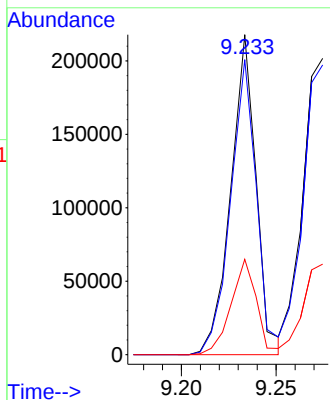
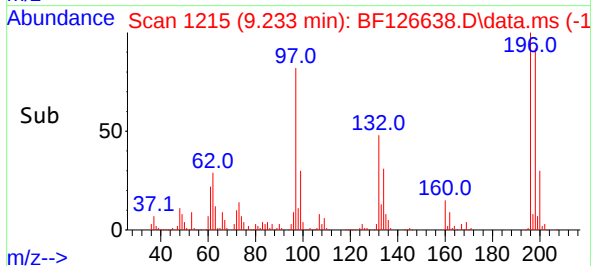
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



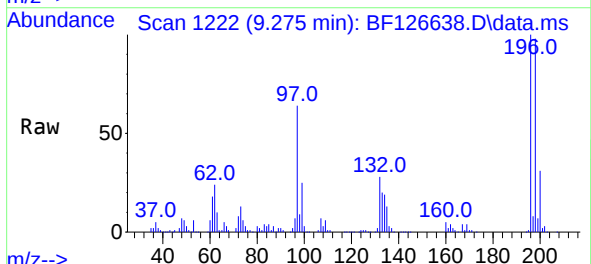
Tgt Ion:196 Resp: 202280
Ion Ratio Lower Upper
196 100
198 92.2 78.5 117.7
200 29.8 24.9 37.3

Manual Integrations
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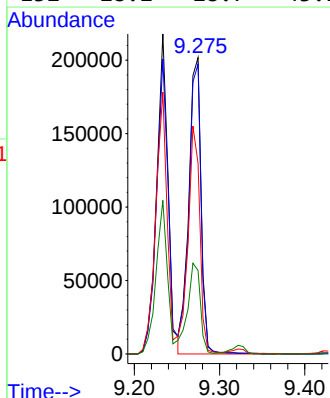
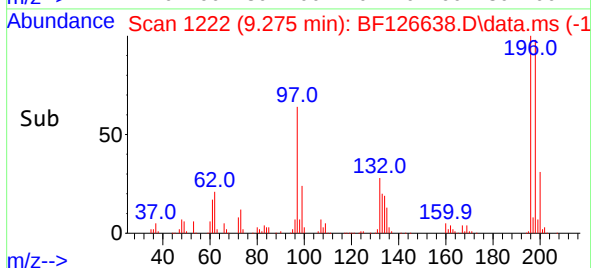
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

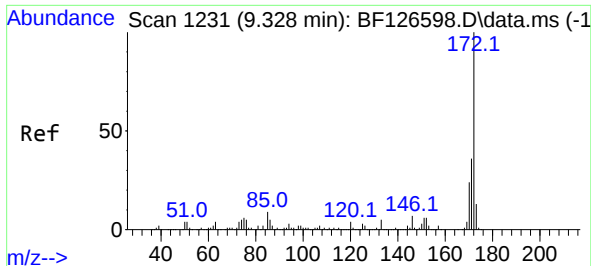


#44
2,4,5-Trichlorophenol
Concen: 43.186 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



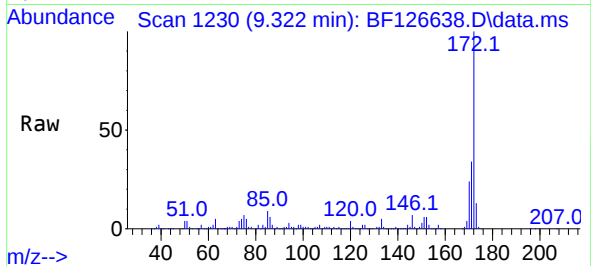
Tgt Ion:196 Resp: 203273
Ion Ratio Lower Upper
196 100
198 97.8 82.0 123.0
97 64.3 53.5 80.3
132 28.2 28.7 43.1#





#45
2-Fluorobiphenyl
Concen: 84.875 ng
RT: 9.322 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

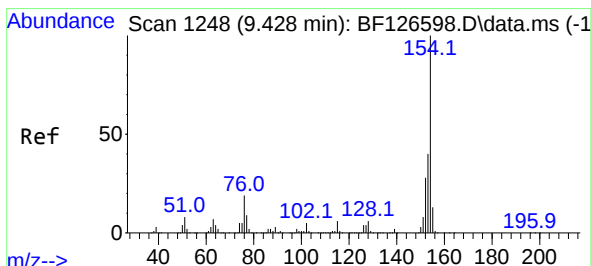
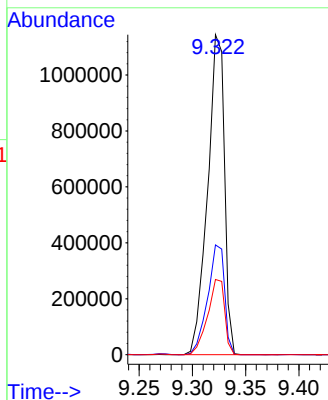
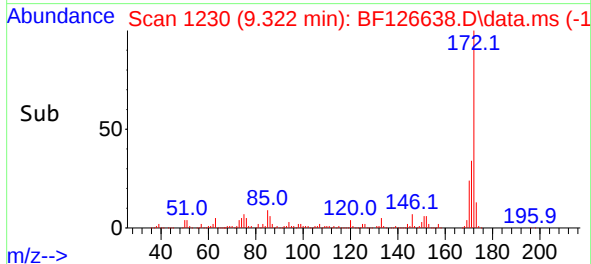
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



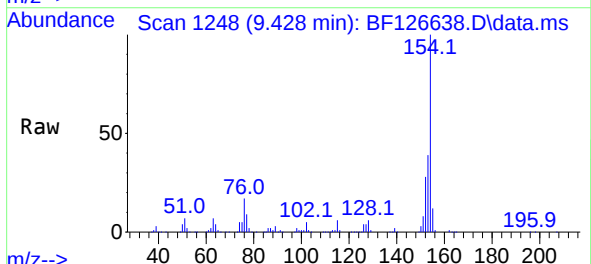
Tgt Ion:172 Resp: 1259659
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.5 19.0 28.6

Manual Integrations
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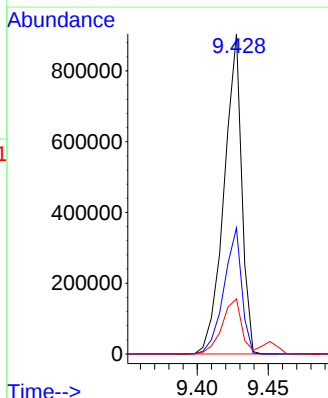
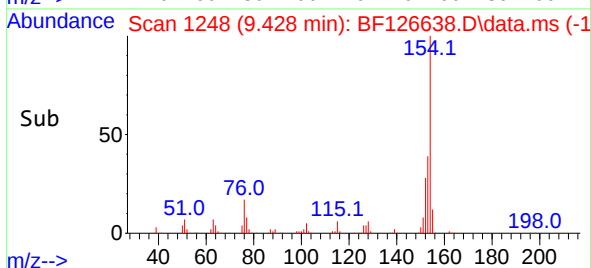
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

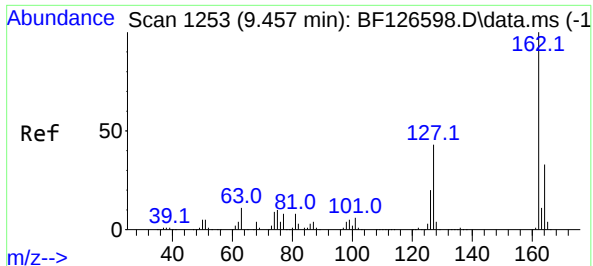


#46
1,1'-Biphenyl
Concen: 45.457 ng
RT: 9.428 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



Tgt Ion:154 Resp: 778412
Ion Ratio Lower Upper
154 100
153 39.4 19.0 59.0
76 17.2 0.0 34.5





#47

2-Chloronaphthalene

Concen: 44.631 ng

RT: 9.451 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BF126638.D

Acq: 24 Jan 2022 14:57

Instrument :

BNA_F

ClientSampleId :

EAST-BOILER-PIT-WASTE-CLASSMSD

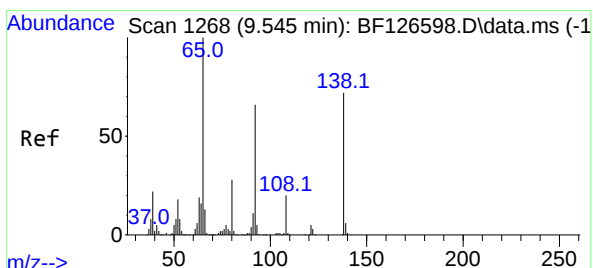
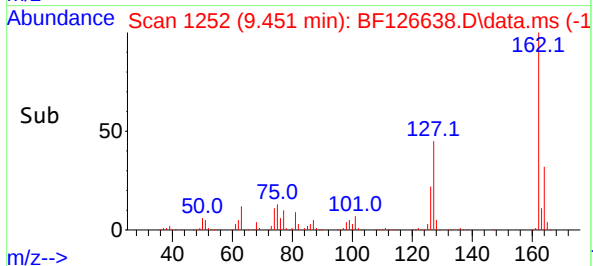
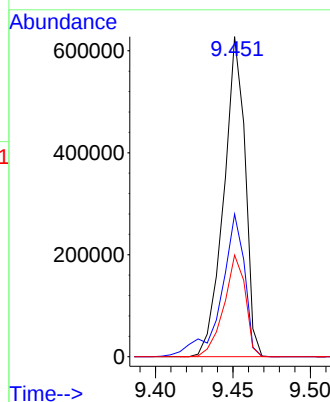
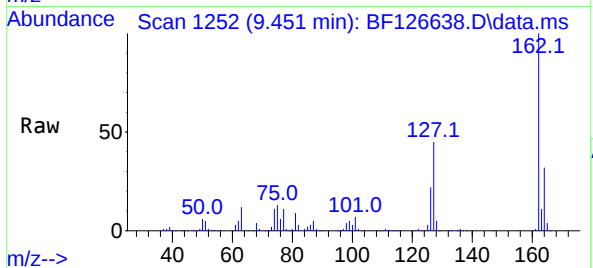
Tgt Ion:162 Resp: 60044

Ion	Ratio	Lower	Upper
162	100		
127	44.6	33.5	50.3
164	31.7	26.2	39.4

Manual Integrations

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Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#48

2-Nitroaniline

Concen: 57.036 ng

RT: 9.545 min Scan# 1268

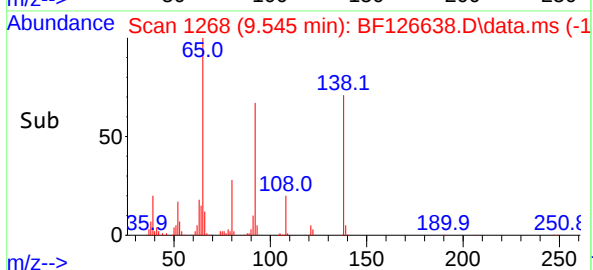
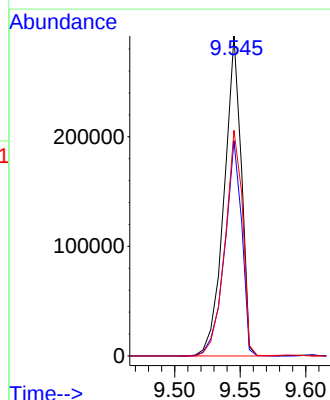
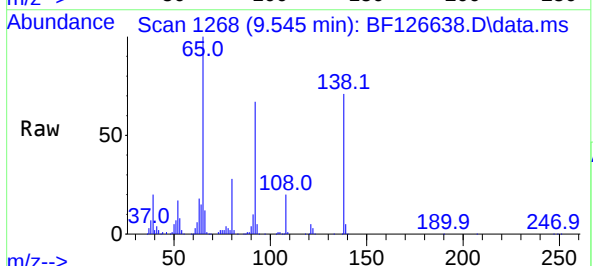
Delta R.T. -0.000 min

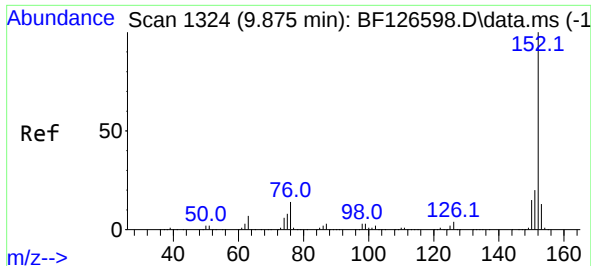
Lab File: BF126638.D

Acq: 24 Jan 2022 14:57

Tgt Ion: 65 Resp: 264943

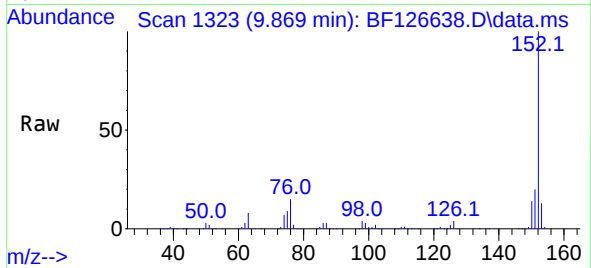
Ion	Ratio	Lower	Upper
65	100		
92	67.3	54.4	81.6
138	70.5	72.5	108.7





#49
Acenaphthylene
Concen: 45.173 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

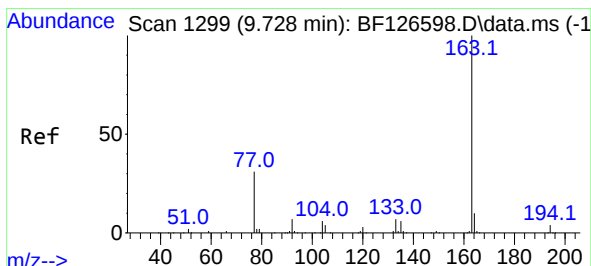
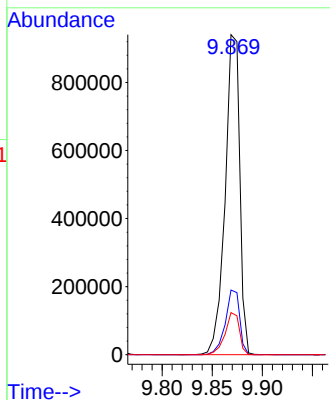
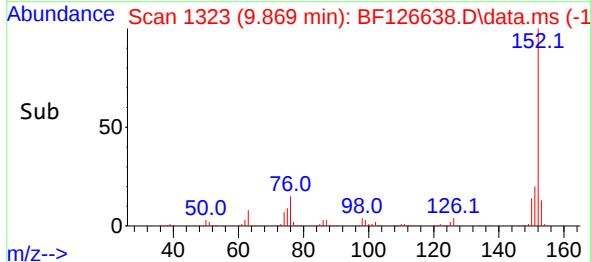
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



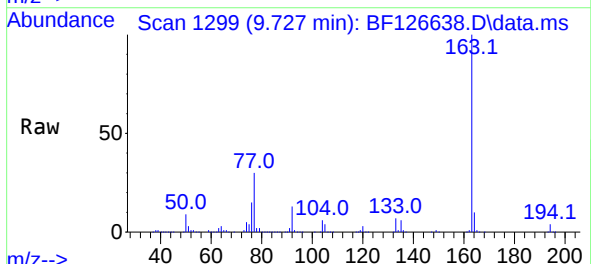
Tgt Ion:152 Resp: 95332
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.1 11.4 17.0

Manual Integrations
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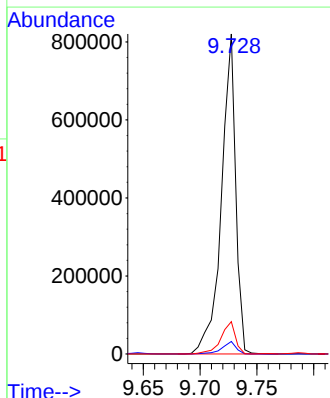
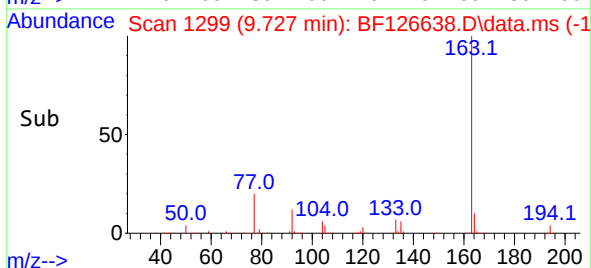
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

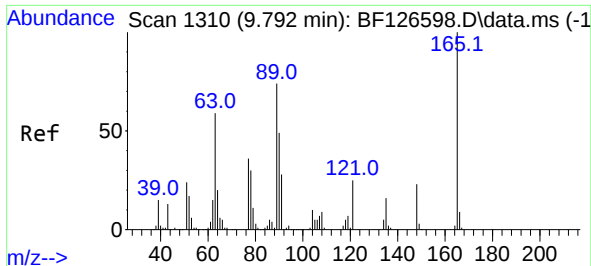


#50
Dimethylphthalate
Concen: 44.529 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



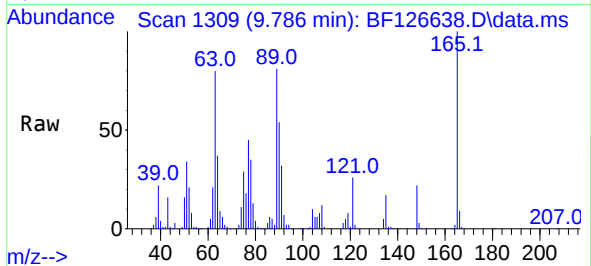
Tgt Ion:163 Resp: 717851
Ion Ratio Lower Upper
163 100
194 3.9 2.6 3.8#
164 10.1 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 54.723 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

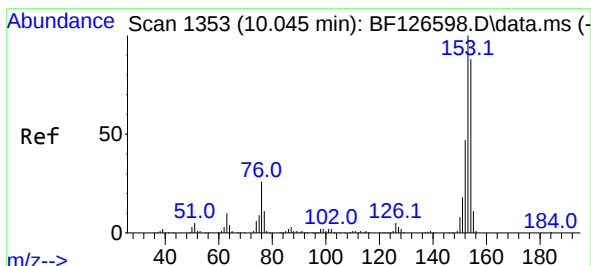
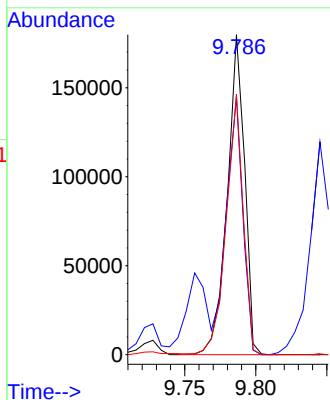
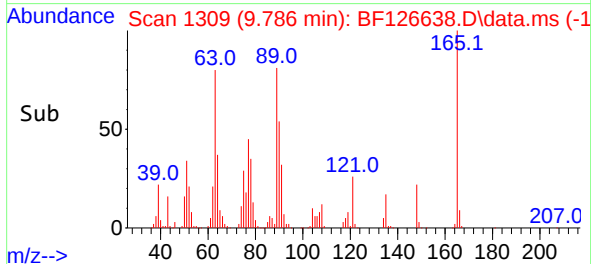
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



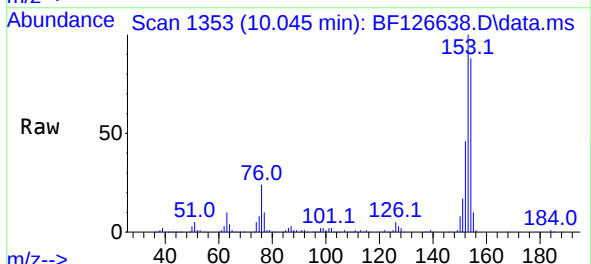
Tgt Ion:165 Resp: 152442
Ion Ratio Lower Upper
165 100
63 80.5 48.4 72.6
89 81.4 50.5 75.7

Manual Integrations
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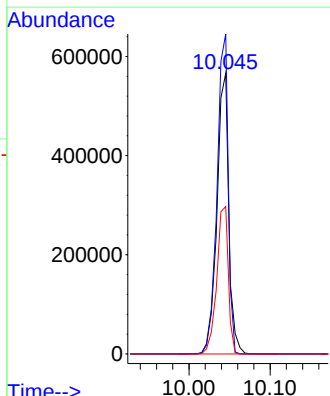
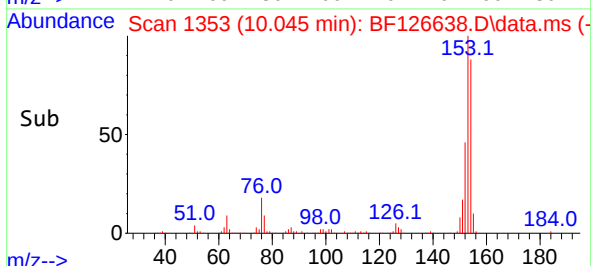
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

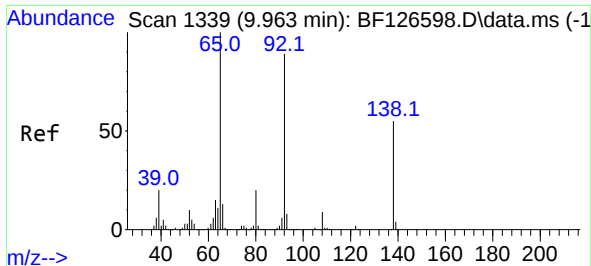


#52
Acenaphthene
Concen: 44.389 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



Tgt Ion:154 Resp: 572706
Ion Ratio Lower Upper
154 100
153 114.0 87.8 131.6
152 52.5 39.4 59.2





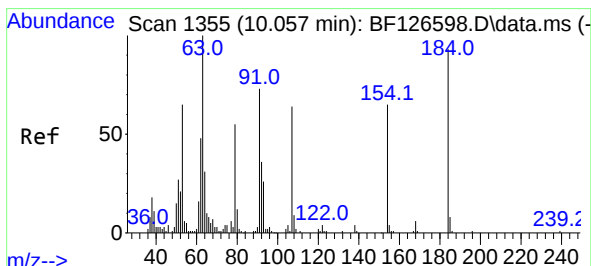
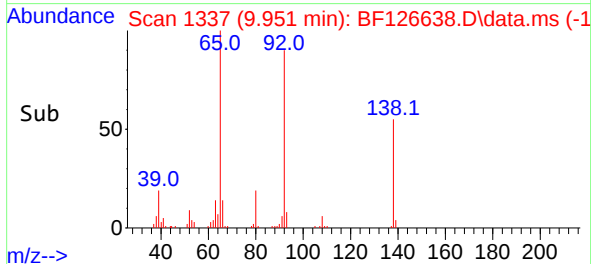
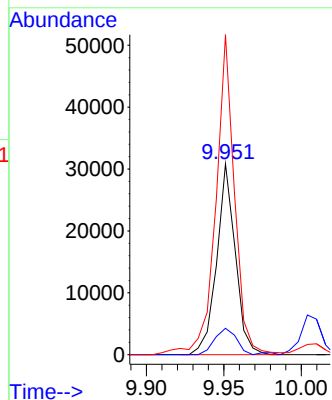
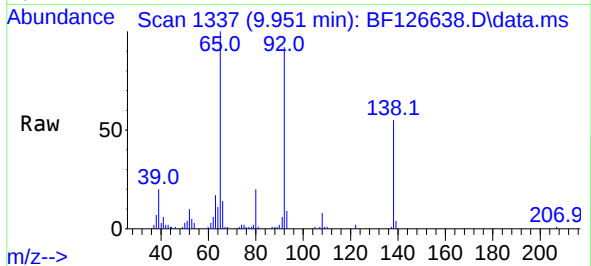
#53
3-Nitroaniline
Concen: 8.103 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

Instrument : BNA_F
ClientSampleId : EAST-BOILER-PIT-WASTE-CLASSMSD

Tgt Ion:138 Resp: 2580
Ion Ratio Lower Upper
138 100
108 13.8 8.6 13.0
92 167.7 105.0 157.6

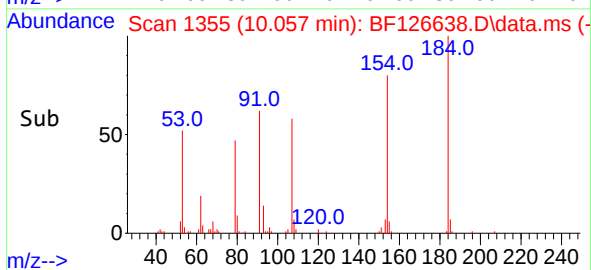
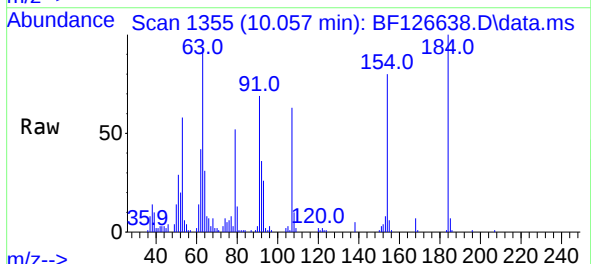
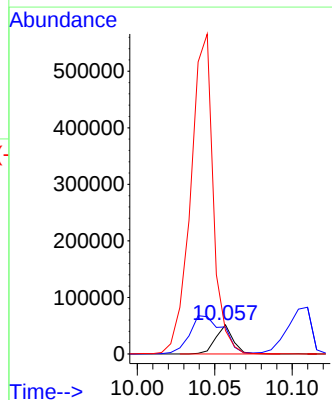
Manual Integrations
APPROVED

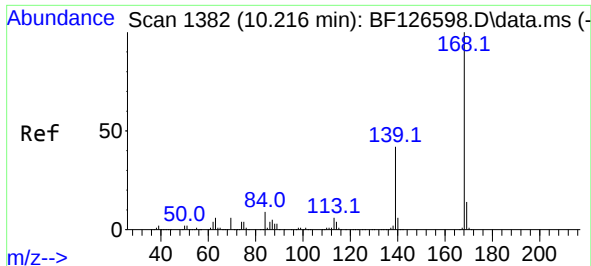
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#54
2,4-Dinitrophenol
Concen: 38.961 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

Tgt Ion:184 Resp: 39722
Ion Ratio Lower Upper
184 100
63 93.0 70.4 105.6
154 80.3 49.7 74.5





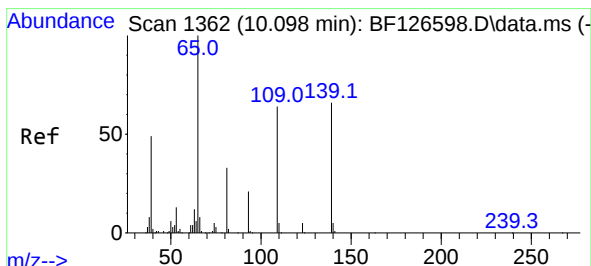
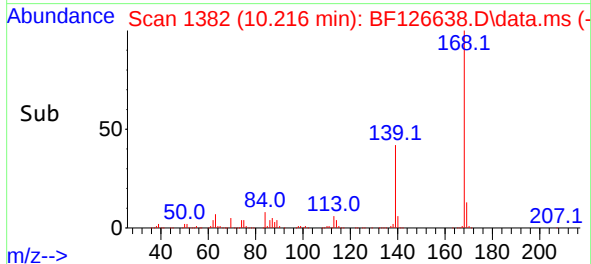
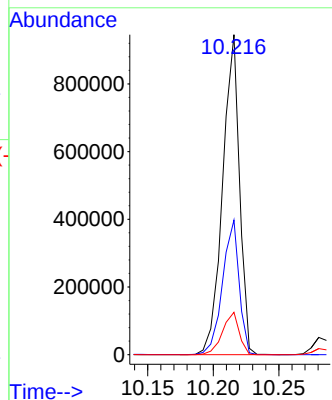
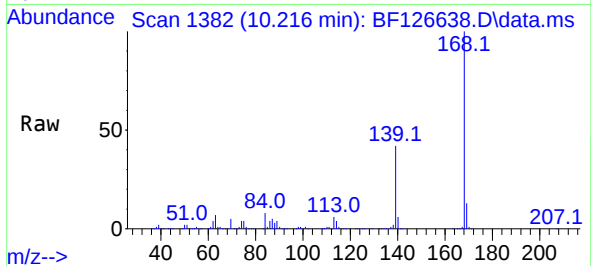
#55
Dibenzofuran
Concen: 43.528 ng
RT: 10.216 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD

Tgt Ion:168 Resp: 84395
Ion Ratio Lower Upper
168 100
139 42.0 30.6 46.0
169 13.3 10.0 15.0

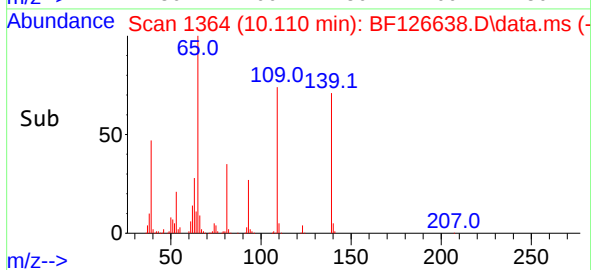
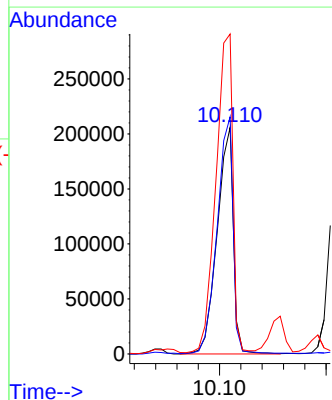
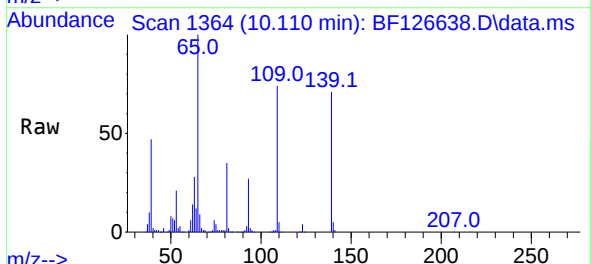
Manual Integrations
APPROVED

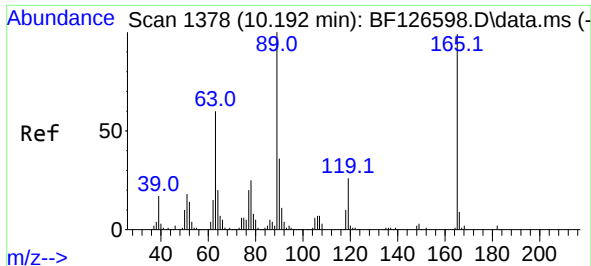
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#56
4-Nitrophenol
Concen: 85.220 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

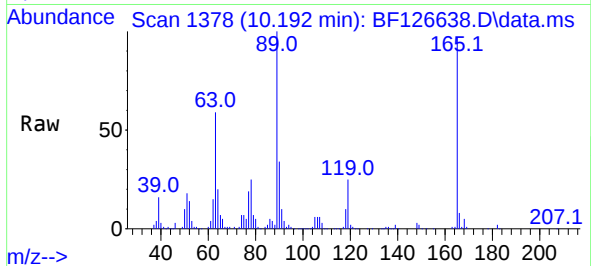
Tgt Ion:139 Resp: 216134
Ion Ratio Lower Upper
139 100
109 104.6 44.1 84.1#
65 141.2 85.5 125.5#





#57
2,4-Dinitrotoluene
Concen: 61.124 ng
RT: 10.192 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

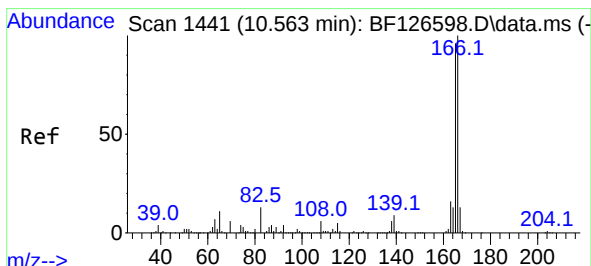
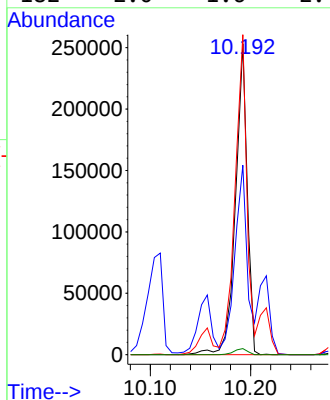
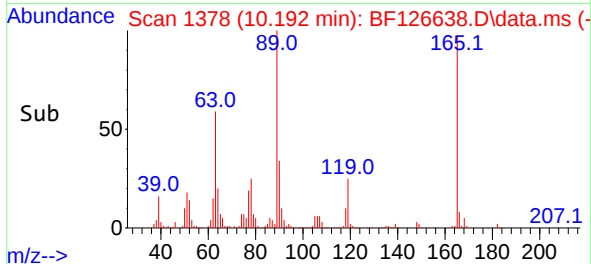
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



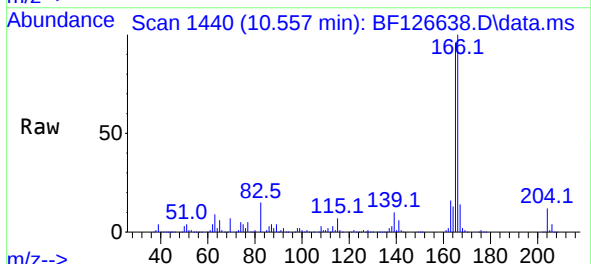
Tgt Ion:165 Resp: 206333
Ion Ratio Lower Upper
165 100
63 60.9 43.0 64.6
89 102.9 71.0 106.4
182 2.0 1.6 2.4

Manual Integrations
APPROVED

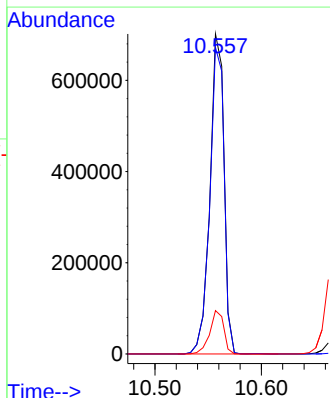
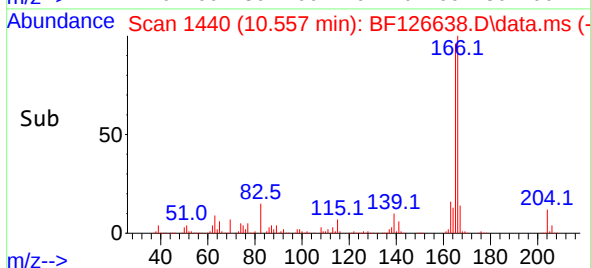
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

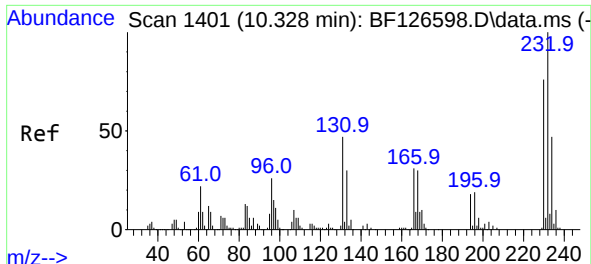


#58
Fluorene
Concen: 44.248 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



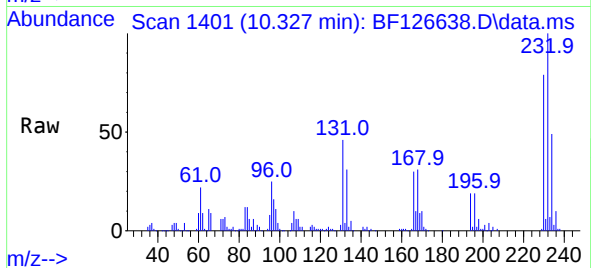
Tgt Ion:166 Resp: 647738
Ion Ratio Lower Upper
166 100
165 95.8 77.7 116.5
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.824 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

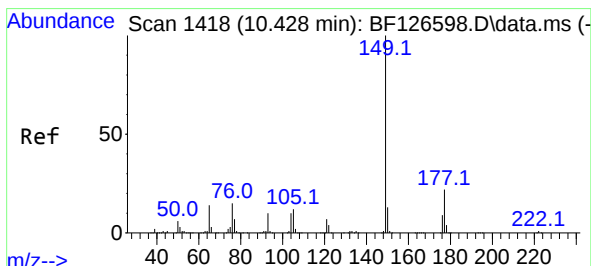
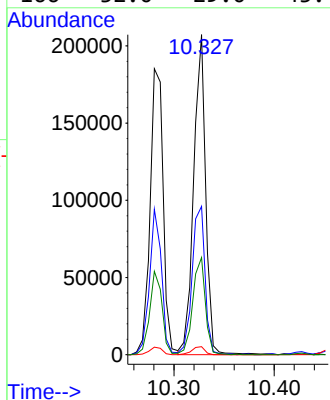
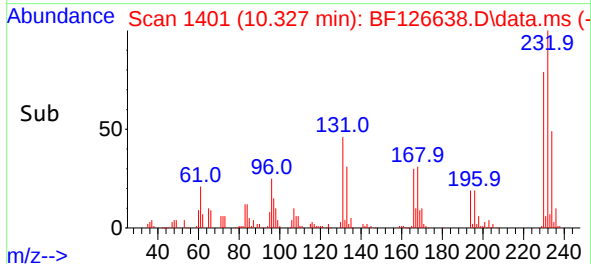
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



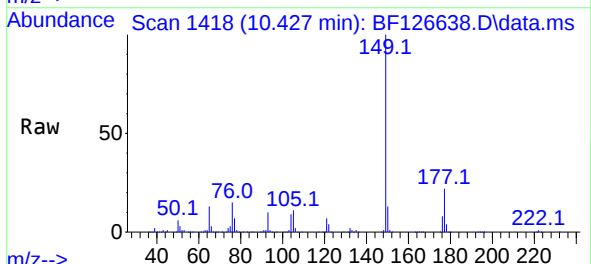
Tgt Ion:232 Resp: 172491
Ion Ratio Lower Upper
232 100
131 49.8 50.0 75.0
130 2.7 2.2 3.2
166 32.0 29.0 43.4

Manual Integrations
APPROVED

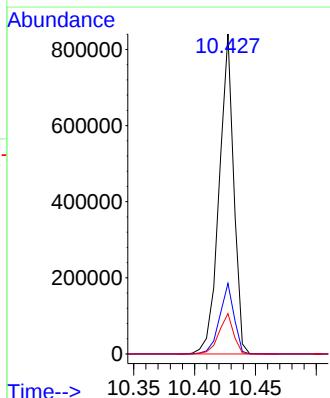
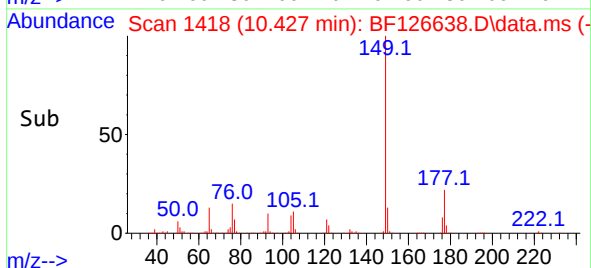
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

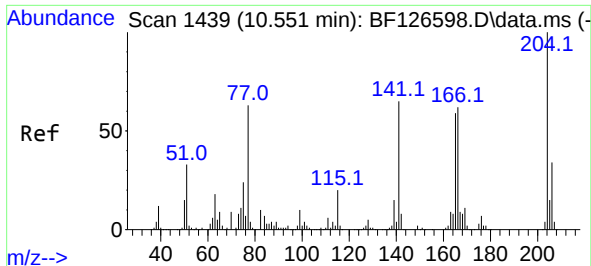


#60
Diethylphthalate
Concen: 43.825 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



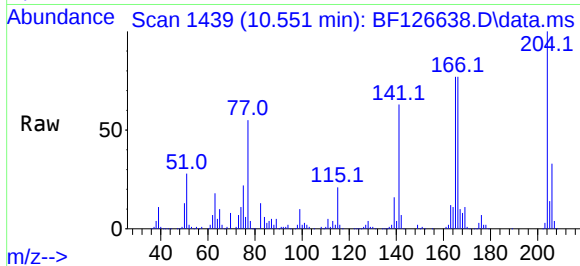
Tgt Ion:149 Resp: 702300
Ion Ratio Lower Upper
149 100
177 22.0 16.7 25.1
150 12.6 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 43.312 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

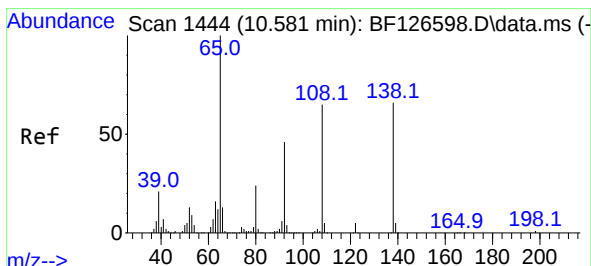
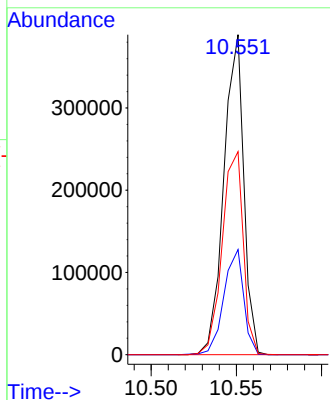
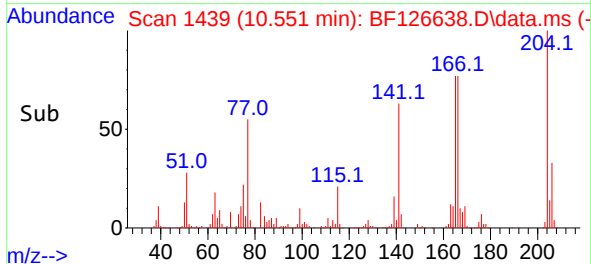
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



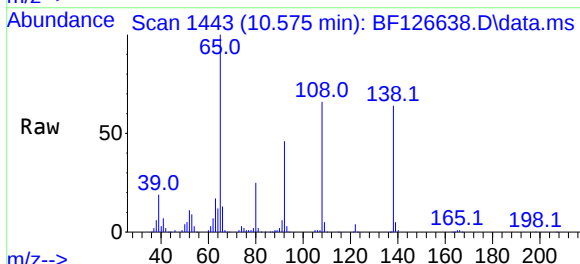
Tgt Ion:204 Resp: 316660
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 63.4 59.0 88.6

Manual Integrations
APPROVED

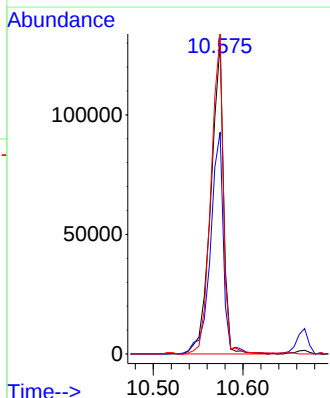
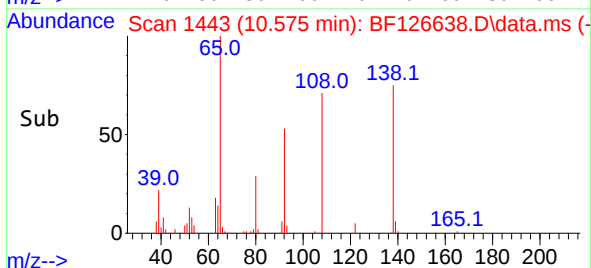
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

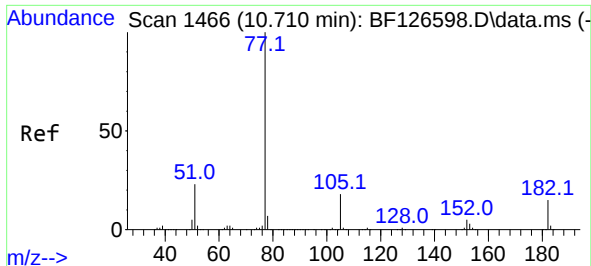


#62
4-Nitroaniline
Concen: 41.389 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



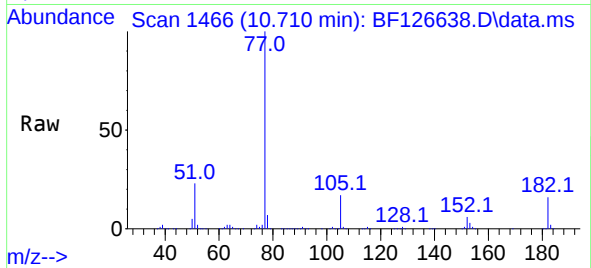
Tgt Ion:138 Resp: 127937
Ion Ratio Lower Upper
138 100
92 71.4 36.2 76.2
108 103.0 46.7 86.7#





#63
Azobenzene
Concen: 43.639 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

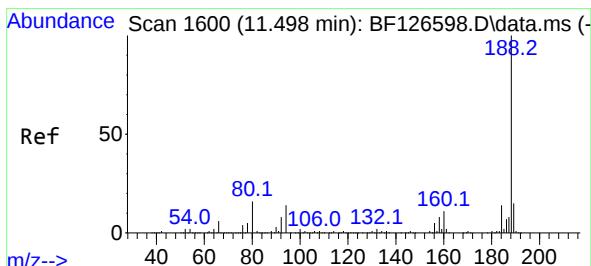
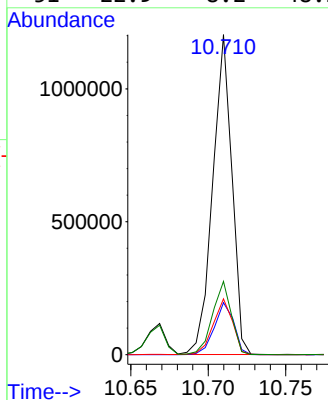
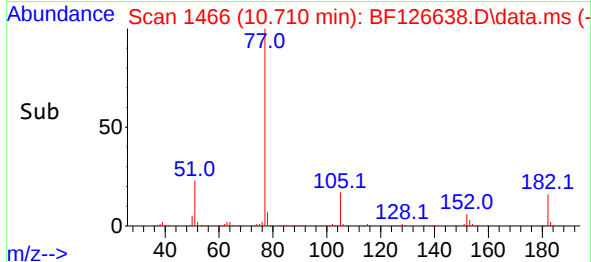
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



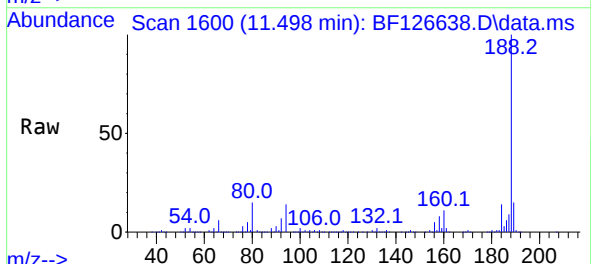
Tgt Ion: 77 Resp: 1034919
Ion Ratio Lower Upper
77 100
182 16.2 0.0 39.0
105 17.4 3.2 43.2
51 22.9 8.2 48.2

Manual Integrations
APPROVED

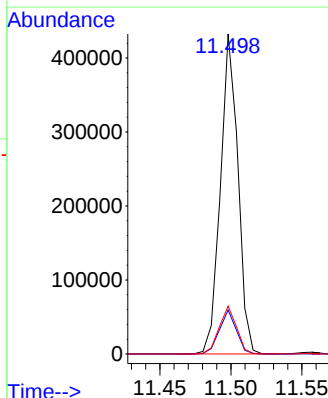
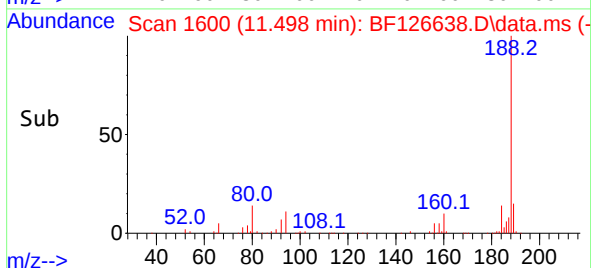
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

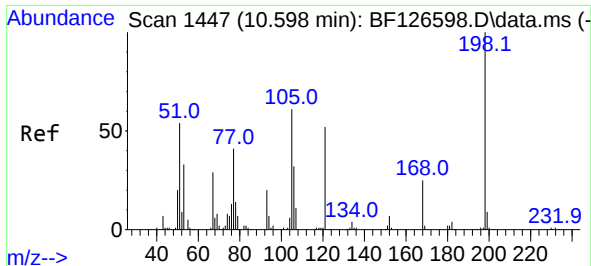


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



Tgt Ion:188 Resp: 370226
Ion Ratio Lower Upper
188 100
94 13.7 10.1 15.1
80 15.0 11.8 17.6





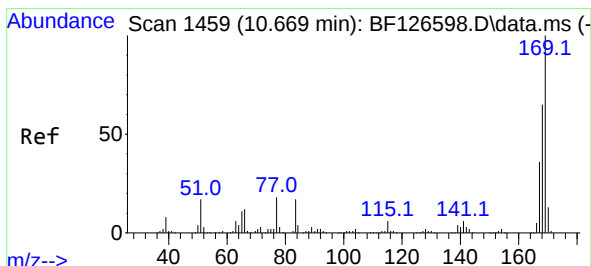
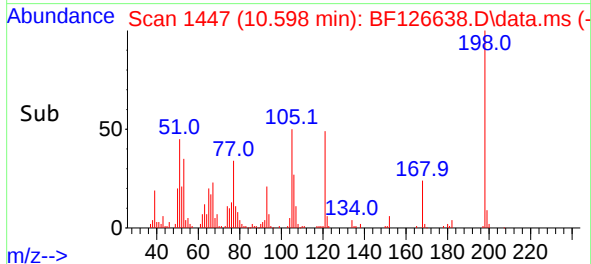
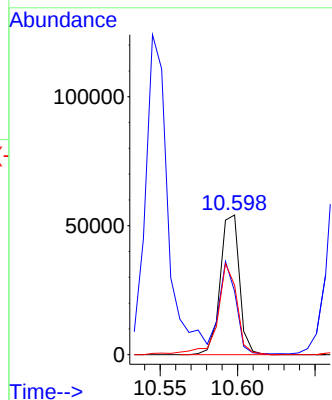
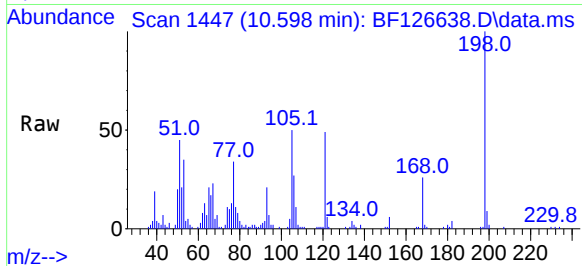
#65
4,6-Dinitro-2-methylphenol
Concen: 29.692 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD

Tgt Ion:198 Resp: 4664
Ion Ratio Lower Upper
198 100
51 45.3 32.0 72.0
105 49.7 32.7 72.7

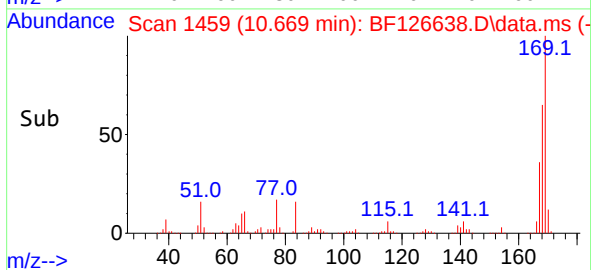
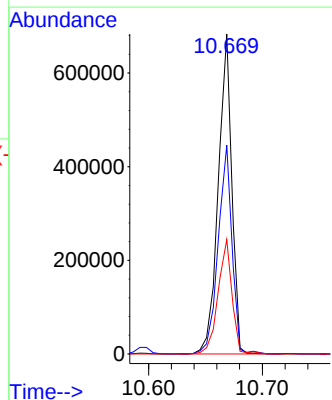
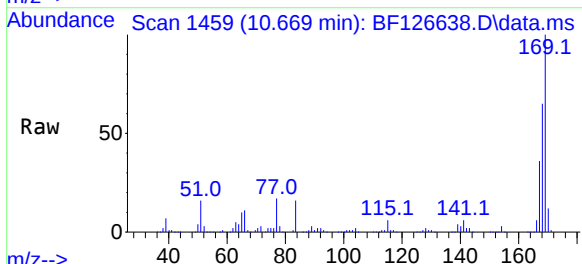
Manual Integrations
APPROVED

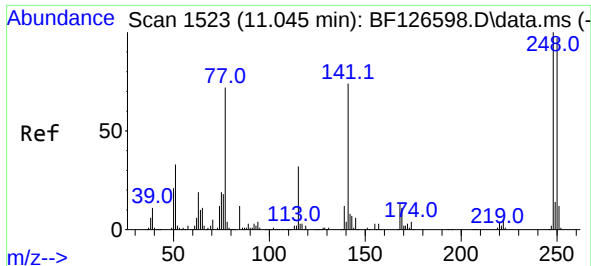
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#66
n-Nitrosodiphenylamine
Concen: 45.478 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

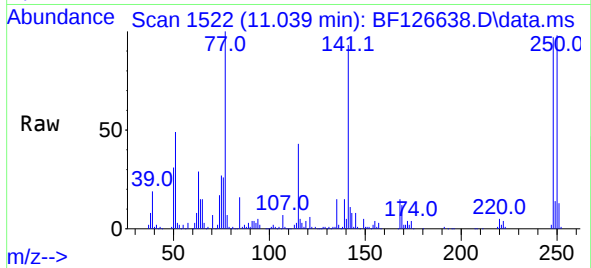
Tgt Ion:169 Resp: 568349
Ion Ratio Lower Upper
169 100
168 65.2 53.4 80.0
167 35.8 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 44.447 ng
RT: 11.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

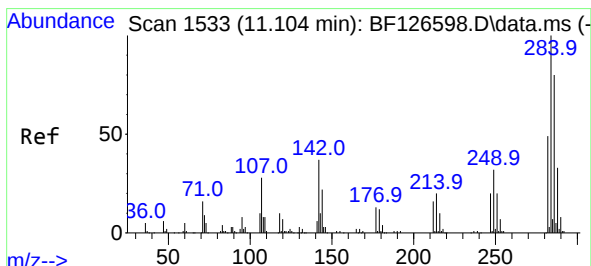
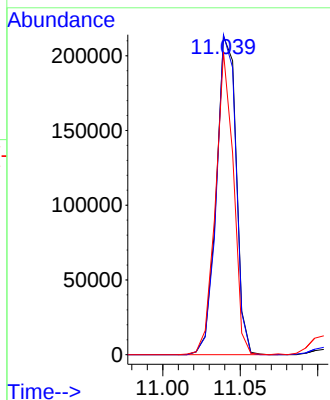
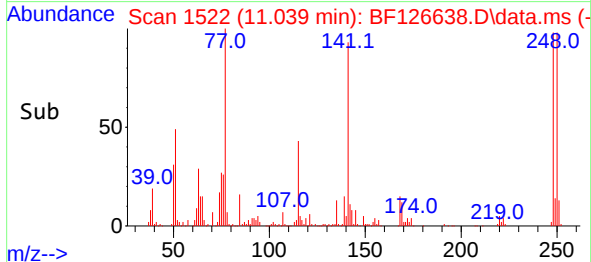
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



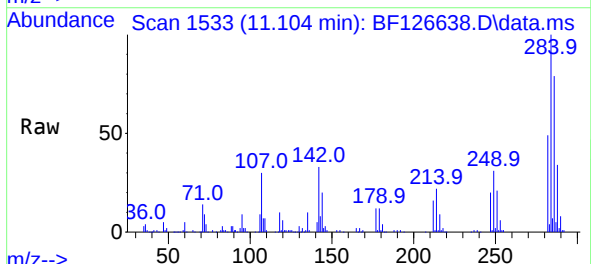
Tgt Ion:248 Resp: 189650
Ion Ratio Lower Upper
248 100
250 100.5 76.2 114.4
141 95.0 66.2 99.4

Manual Integrations
APPROVED

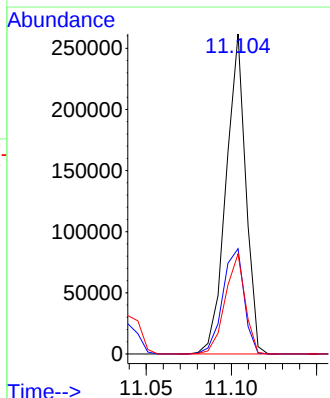
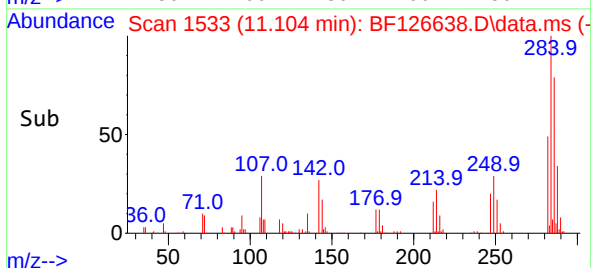
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

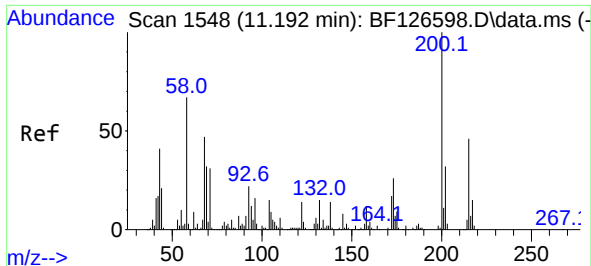


#68
Hexachlorobenzene
Concen: 46.122 ng
RT: 11.104 min Scan# 1533
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



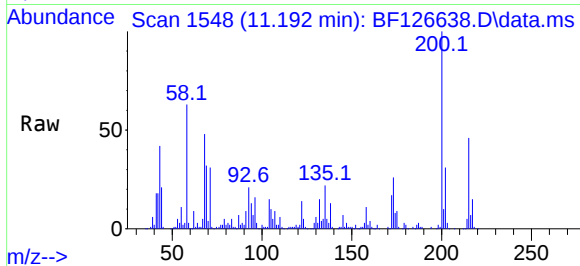
Tgt Ion:284 Resp: 209967
Ion Ratio Lower Upper
284 100
142 32.9 30.7 46.1
249 31.3 21.1 31.7





#69
Atrazine
Concen: 47.500 ng
RT: 11.192 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

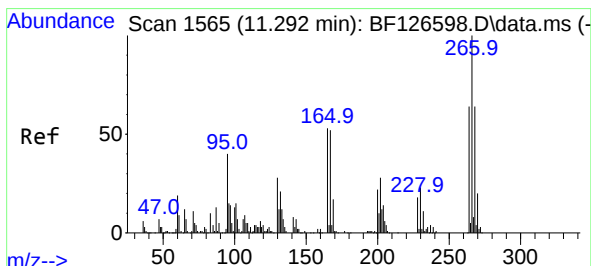
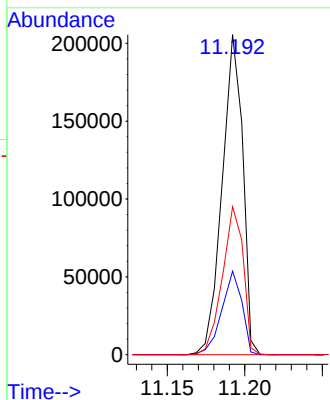
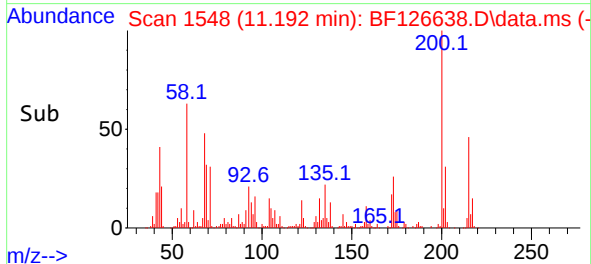
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



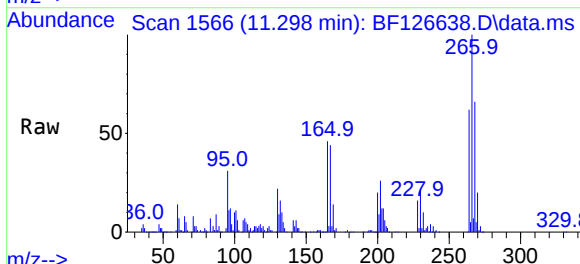
Tgt Ion:200 Resp: 18958
Ion Ratio Lower Upper
200 100
173 26.1 9.2 49.2
215 46.3 23.2 63.2

Manual Integrations
APPROVED

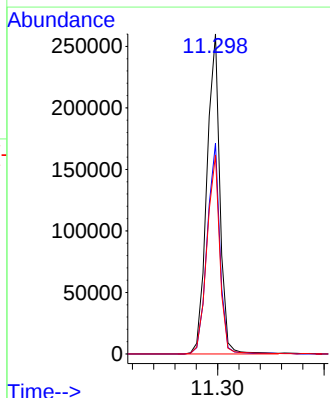
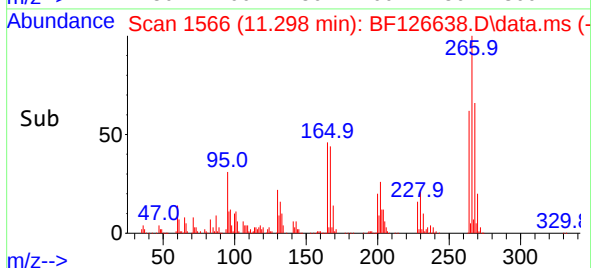
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

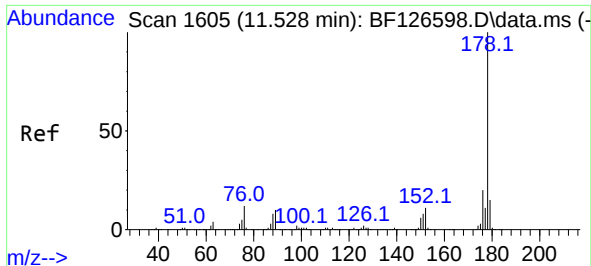


#70
Pentachlorophenol
Concen: 83.851 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



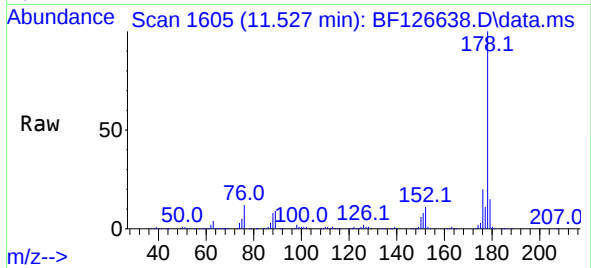
Tgt Ion:266 Resp: 221974
Ion Ratio Lower Upper
266 100
268 65.8 52.3 78.5
264 62.2 50.4 75.6





#71
Phenanthrene
Concen: 45.691 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

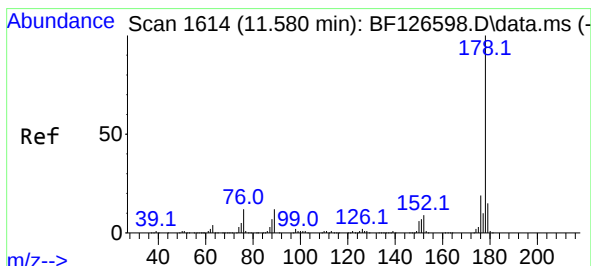
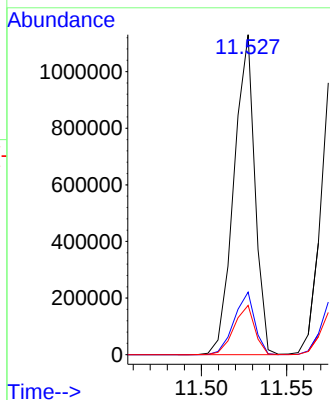
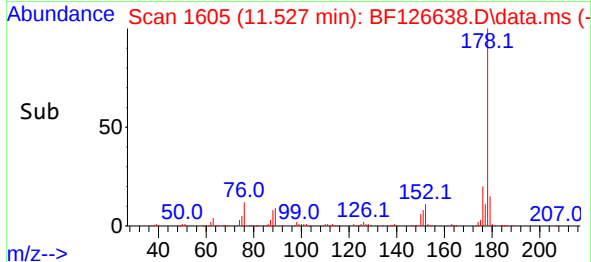
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



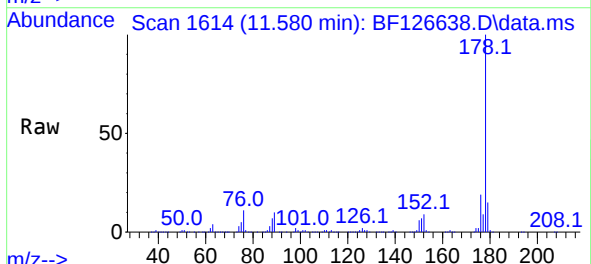
Tgt Ion:178 Resp: 966424
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.4 12.3 18.5

Manual Integrations
APPROVED

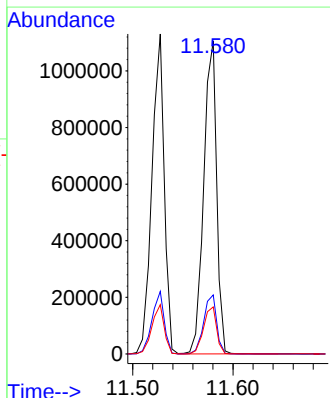
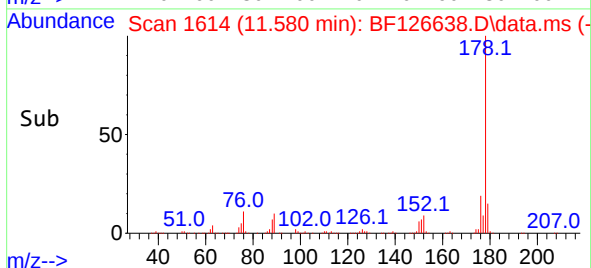
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

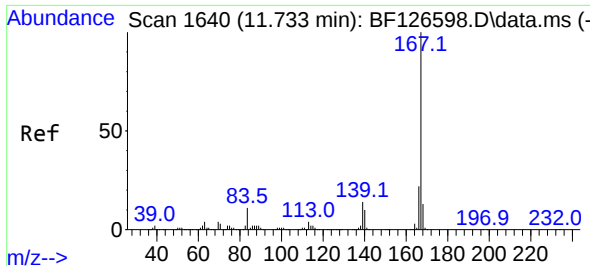


#72
Anthracene
Concen: 46.866 ng
RT: 11.580 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



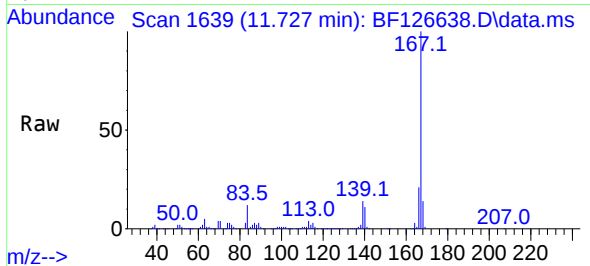
Tgt Ion:178 Resp: 994580
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.1 12.5 18.7





#73
 Carbazole
 Concen: 42.649 ng
 RT: 11.727 min Scan# 1639
 Delta R.T. -0.006 min
 Lab File: BF126638.D
 Acq: 24 Jan 2022 14:57

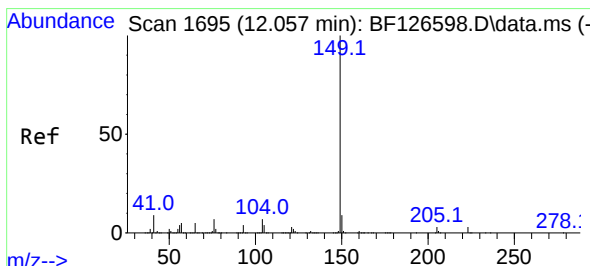
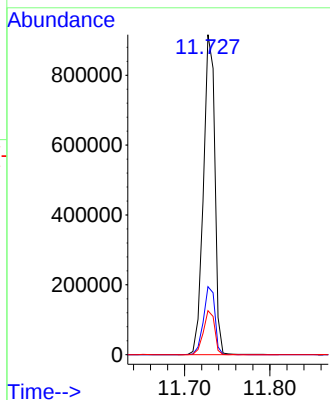
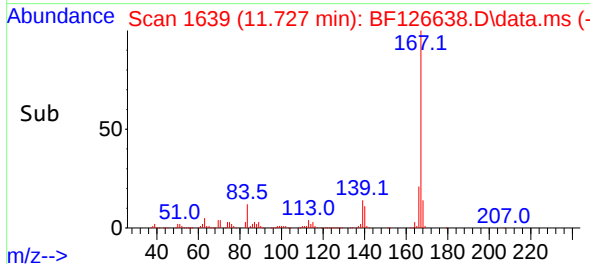
Instrument : BNA_F
 ClientSampleId : EAST-BOILER-PIT-WASTE-CLASSMSD



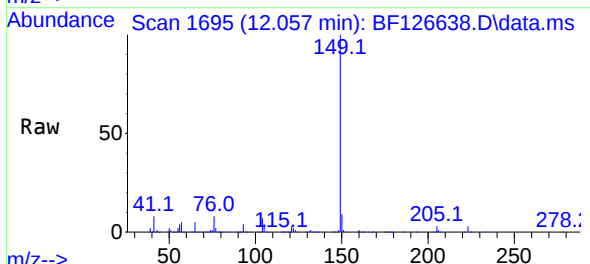
Tgt Ion:167 Resp: 849749
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.9 25.3
 139 13.7 11.3 16.9

Manual Integrations
 APPROVED

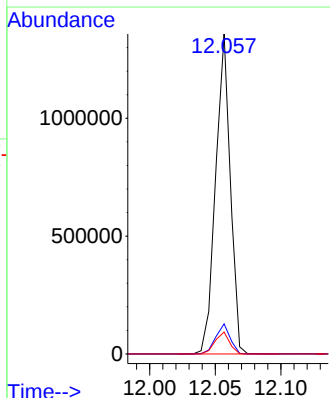
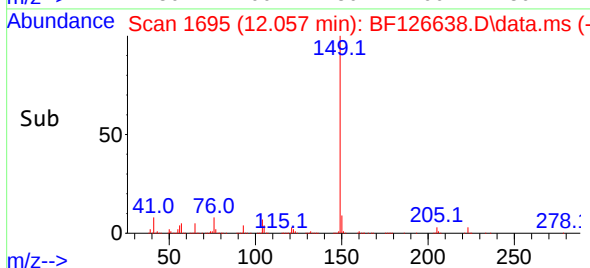
Reviewed By :Christian Giraldo 01/25/2022
 Supervised By :Jagrut Upadhyay 01/25/2022

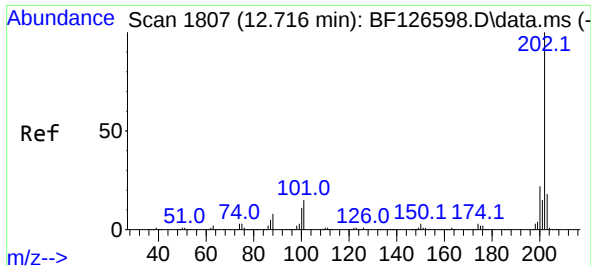


#74
 Di-n-butylphthalate
 Concen: 43.955 ng
 RT: 12.057 min Scan# 1695
 Delta R.T. -0.000 min
 Lab File: BF126638.D
 Acq: 24 Jan 2022 14:57



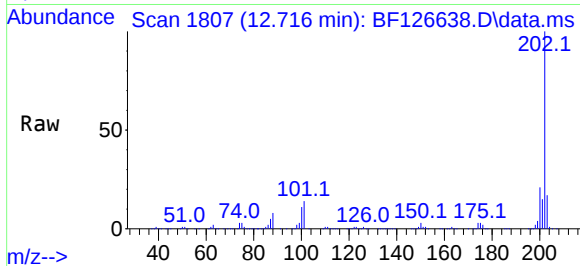
Tgt Ion:149 Resp: 1056080
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.2 10.8
 104 6.8 4.2 6.2#





#75
Fluoranthene
Concen: 45.125 ng
RT: 12.716 min Scan# 1807
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

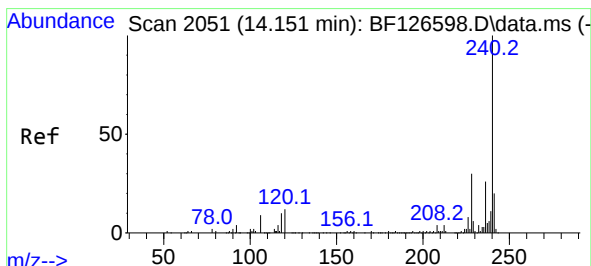
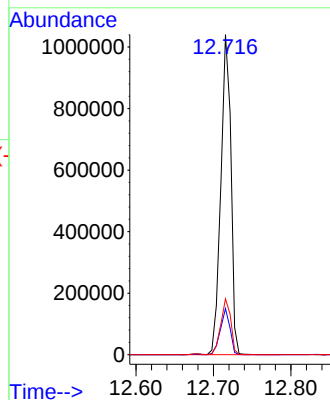
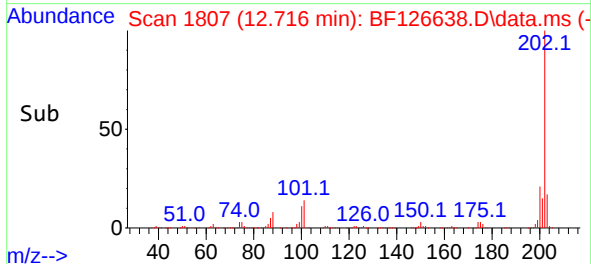
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



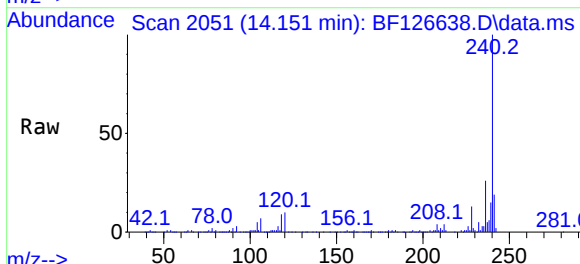
Tgt Ion:202 Resp: 942745
Ion Ratio Lower Upper
202 100
101 14.4 0.0 35.7
203 17.4 0.0 37.1

Manual Integrations
APPROVED

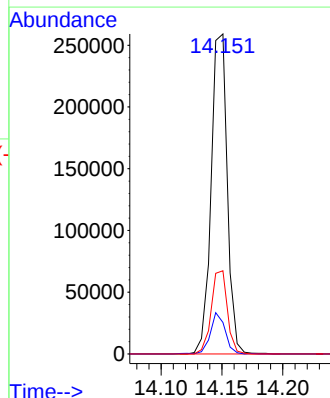
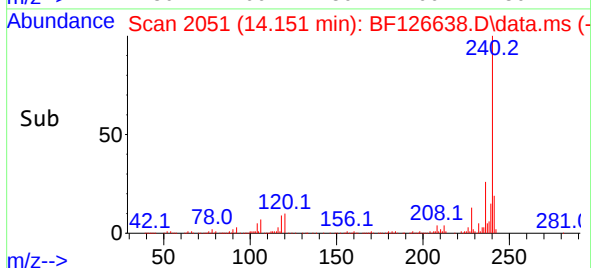
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

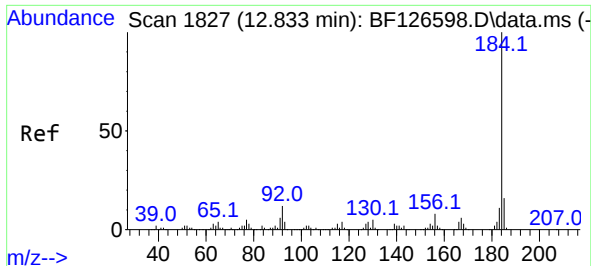


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



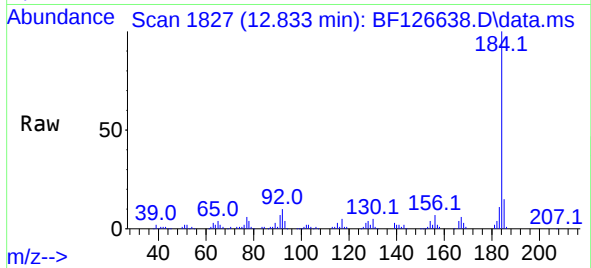
Tgt Ion:240 Resp: 238936
Ion Ratio Lower Upper
240 100
120 9.8 14.4 21.6#
236 26.0 20.5 30.7





#77
Benzidine
Concen: 12.411 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

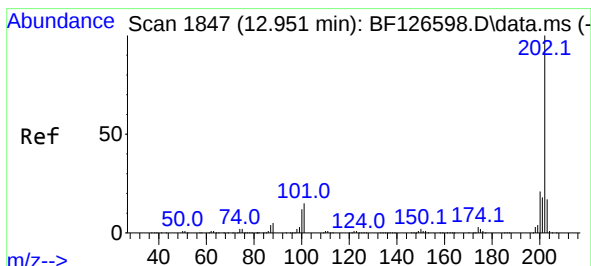
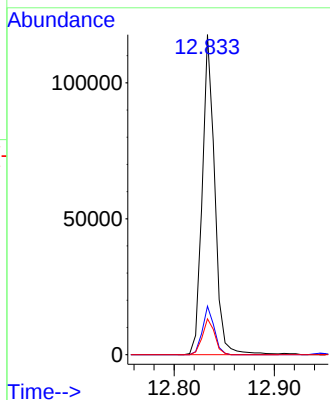
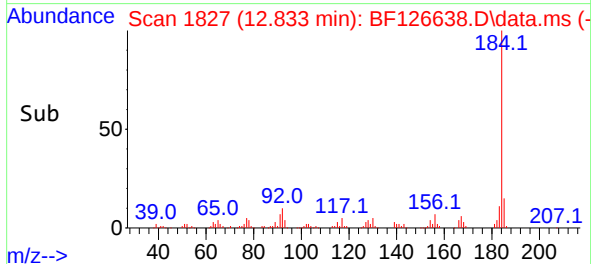
Instrument : BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMSD



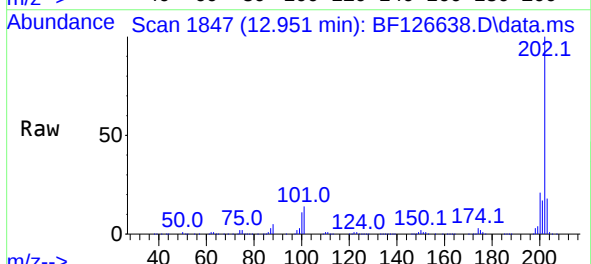
Tgt Ion:184 Resp: 102295
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.8
183 11.2 8.2 12.2

Manual Integrations
APPROVED

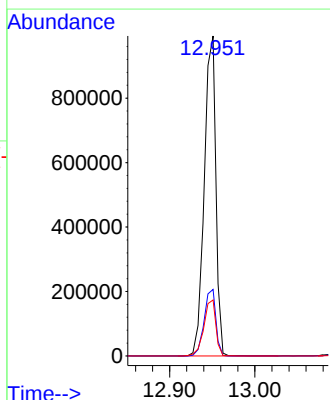
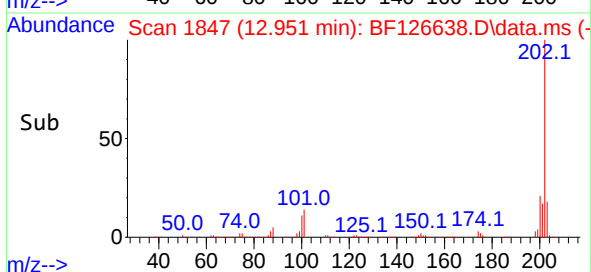
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

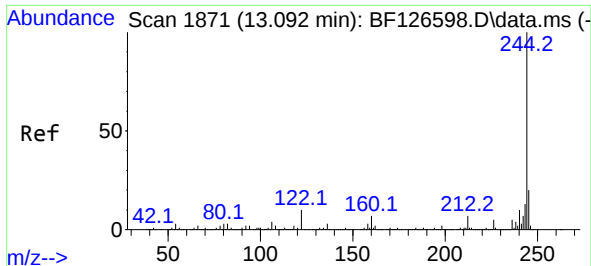


#78
Pyrene
Concen: 48.453 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



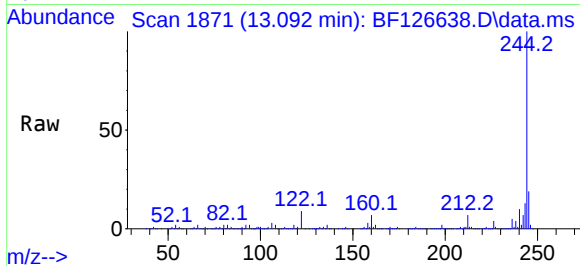
Tgt Ion:202 Resp: 936218
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 17.5 13.8 20.8





#79
Terphenyl-d14
Concen: 92.980 ng
RT: 13.092 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

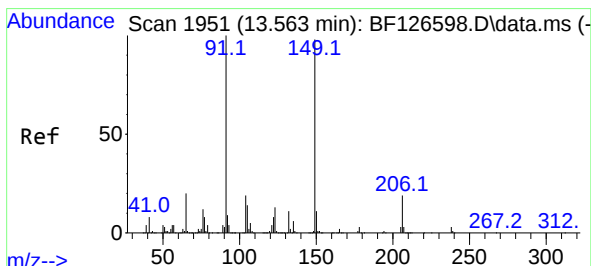
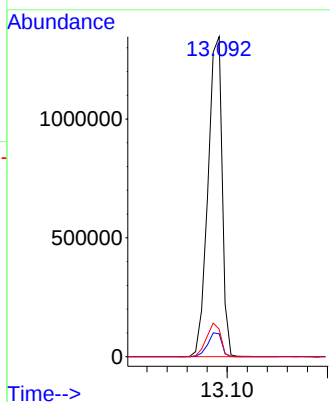
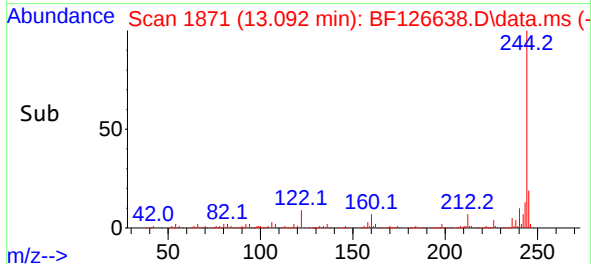
Instrument : BNA_F
ClientSampleId : EAST-BOILER-PIT-WASTE-CLASSMSD



Tgt Ion:244 Resp: 132455
Ion Ratio Lower Upper
244 100
212 7.2 5.0 7.4
122 8.6 13.3 19.9

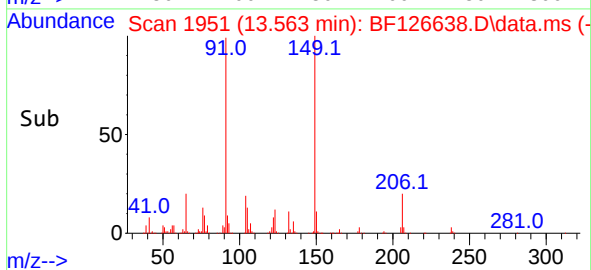
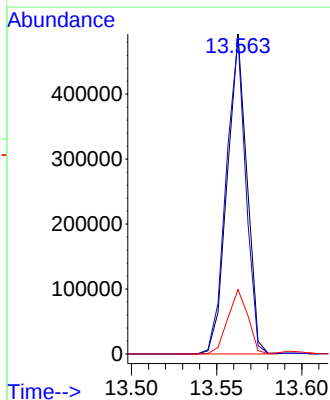
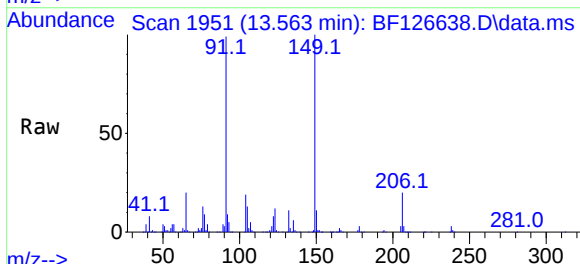
Manual Integrations
APPROVED

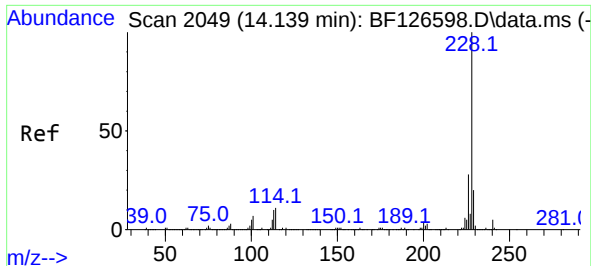
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#80
Butylbenzylphthalate
Concen: 47.178 ng
RT: 13.563 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

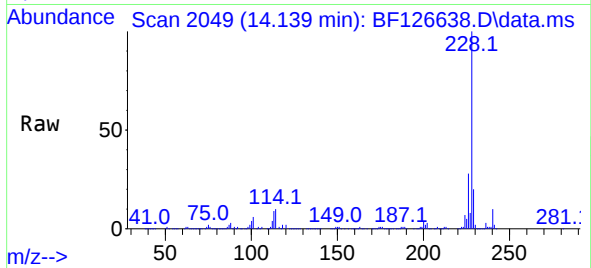
Tgt Ion:149 Resp: 396044
Ion Ratio Lower Upper
149 100
91 98.7 70.5 105.7
206 20.1 12.6 19.0





#81
Benzo(a)anthracene
Concen: 45.170 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

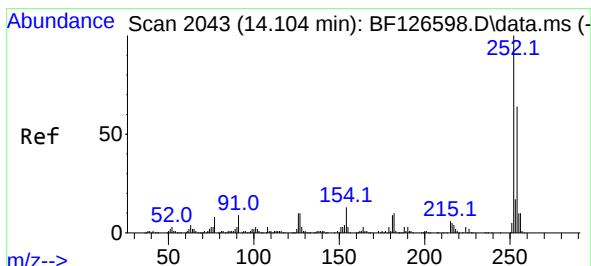
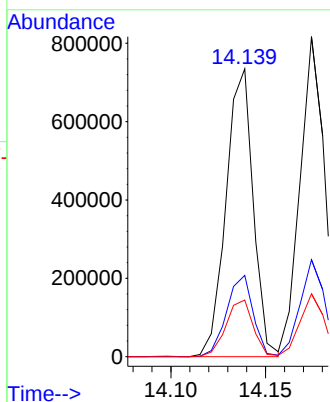
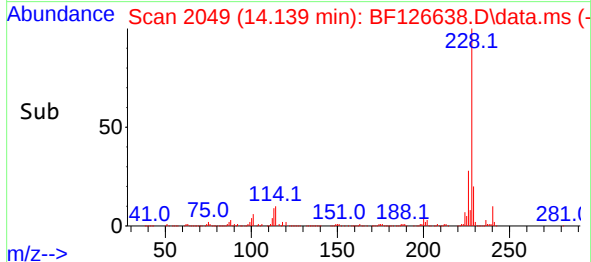
Instrument : BNA_F
ClientSampleId : EAST-BOILER-PIT-WASTE-CLASSMSD



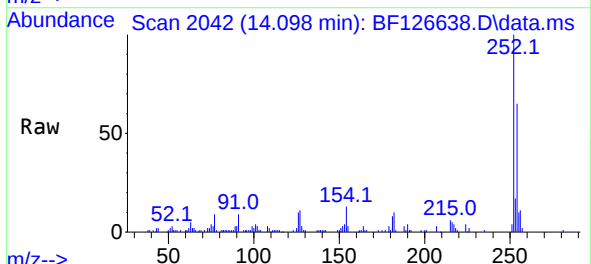
Tgt Ion:228 Resp: 73358
Ion Ratio Lower Upper
228 100
226 28.3 21.4 32.0
229 19.7 15.4 23.2

Manual Integrations
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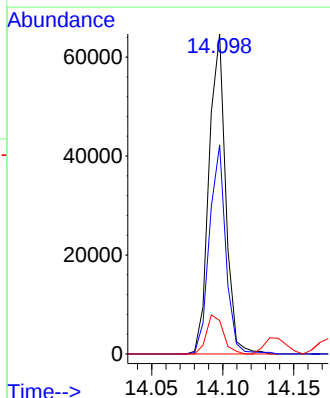
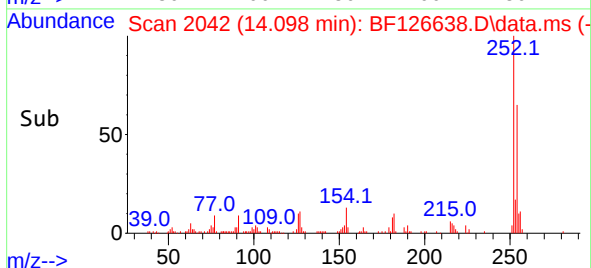
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

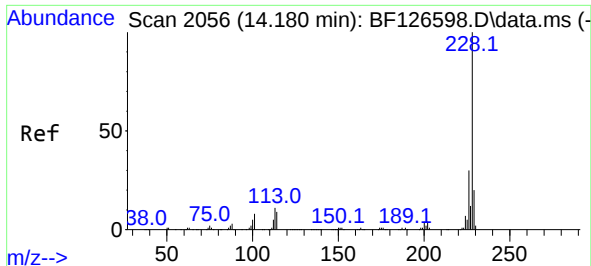


#82
3,3'-Dichlorobenzidine
Concen: 9.882 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



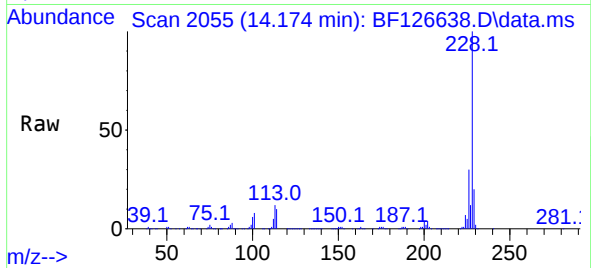
Tgt Ion:252 Resp: 52723
Ion Ratio Lower Upper
252 100
254 65.4 51.0 76.4
126 10.5 13.4 20.0#





#83
Chrysene
Concen: 45.917 ng
RT: 14.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

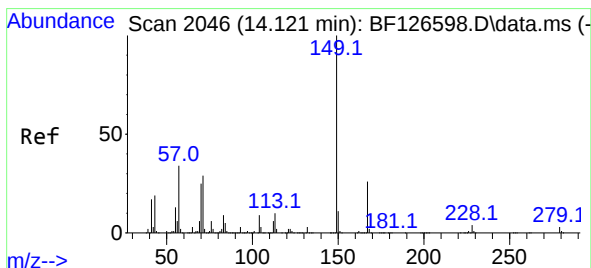
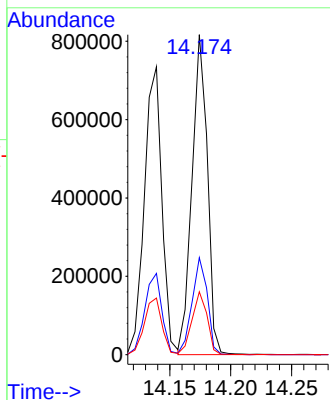
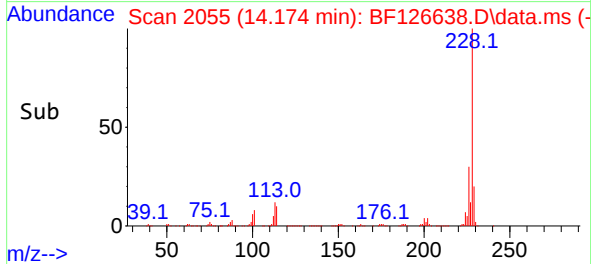
Instrument : BNA_F
Client Sample Id : EAST-BOILER-PIT-WASTE-CLASSMSD



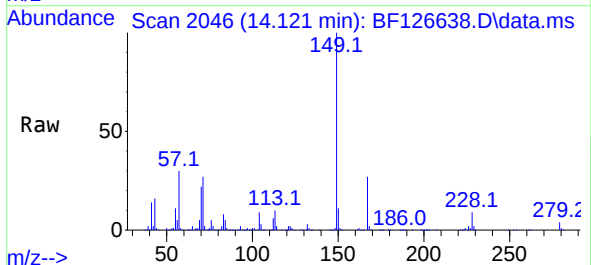
Tgt Ion: 228 Resp: 71754
Ion Ratio Lower Upper
228 100
226 30.3 23.7 35.5
229 19.6 15.5 23.3

Manual Integrations
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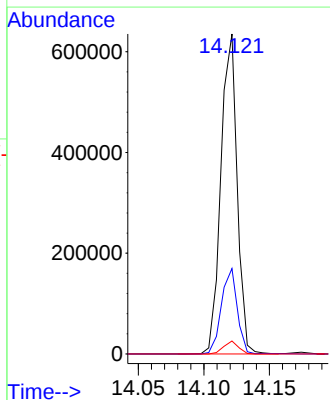
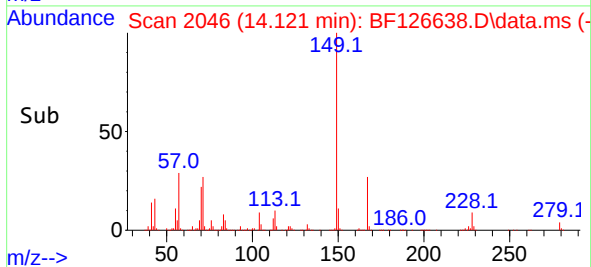
Reviewed By : Christian Giraldo 01/25/2022
Supervised By : Jagrut Upadhyay 01/25/2022

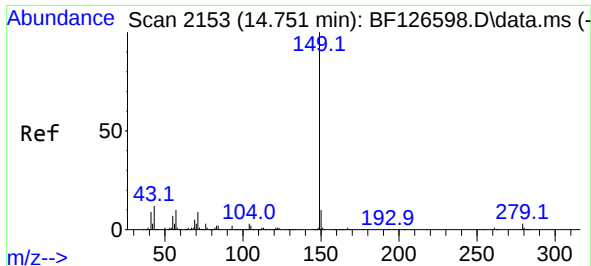


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.079 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



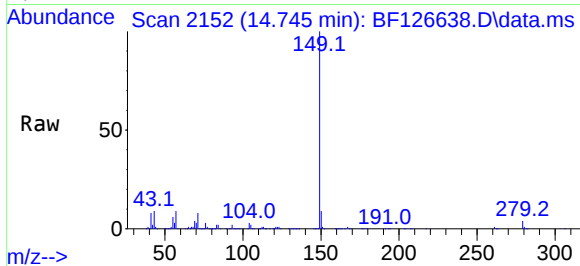
Tgt Ion: 149 Resp: 546603
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.2
279 4.0 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 47.007 ng
RT: 14.745 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

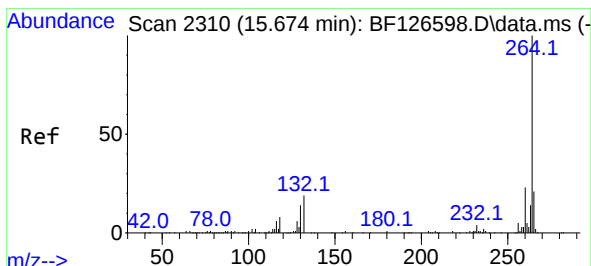
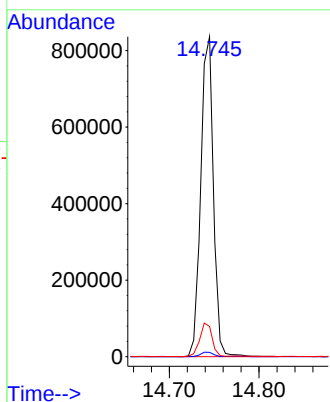
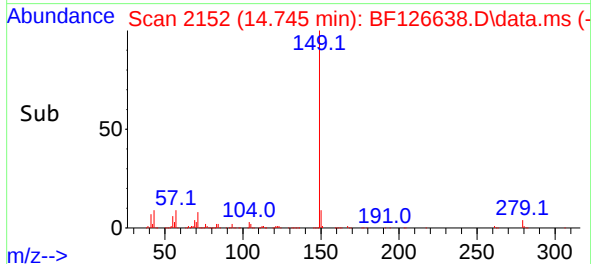
Instrument : BNA_F
ClientSampleId : EAST-BOILER-PIT-WASTE-CLASSMSD



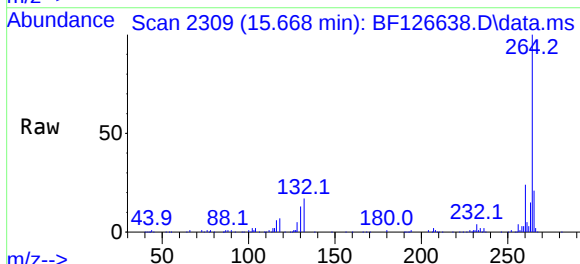
Tgt Ion:149 Resp: 81821
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 10.2 9.9 14.9

Manual Integrations
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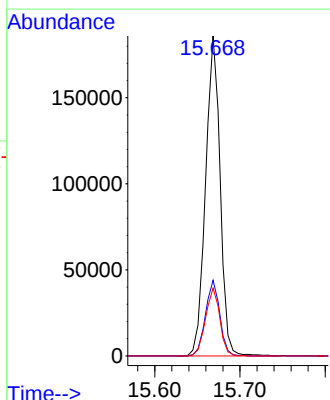
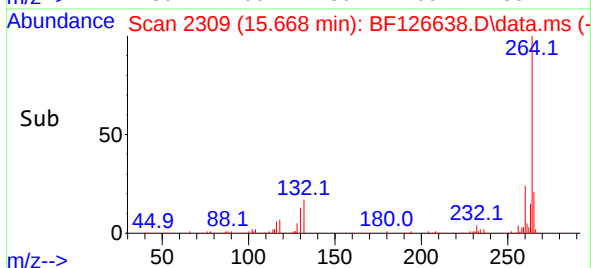
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

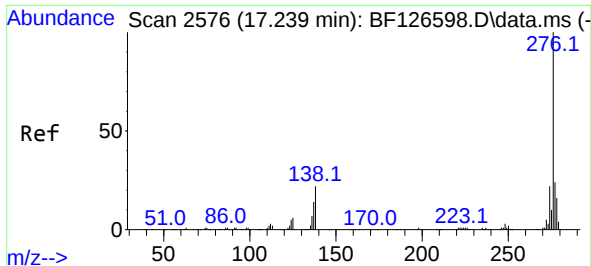


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2309
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



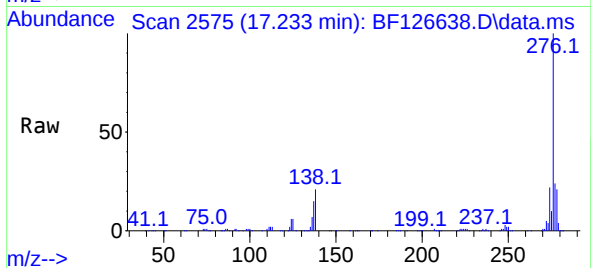
Tgt Ion:264 Resp: 220504
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.2 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.118 ng
RT: 17.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

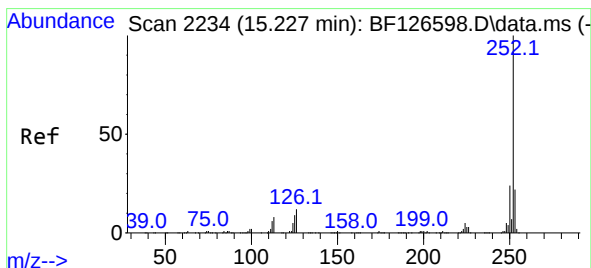
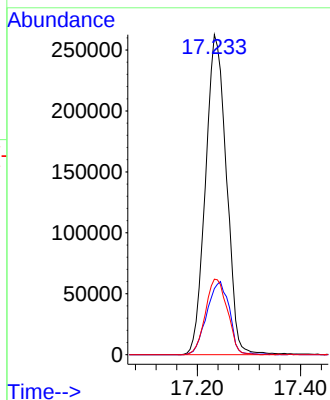
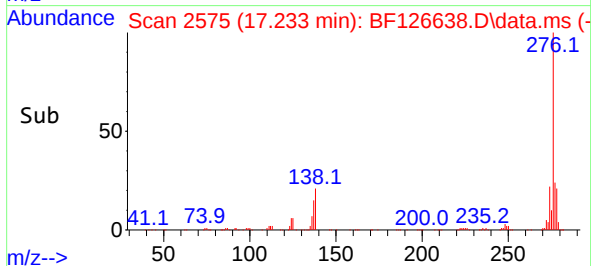
Instrument : BNA_F
ClientSampleId : EAST-BOILER-PIT-WASTE-CLASSMSD



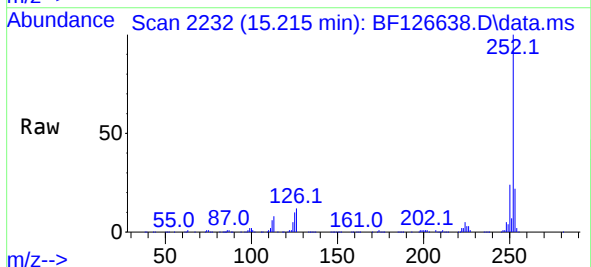
Tgt Ion:276 Resp: 737302
Ion Ratio Lower Upper
276 100
138 24.6 29.2 43.8
277 24.9 19.8 29.8

Manual Integrations
APPROVED

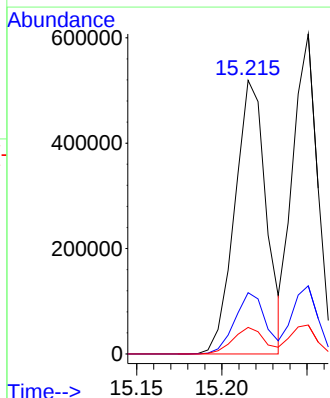
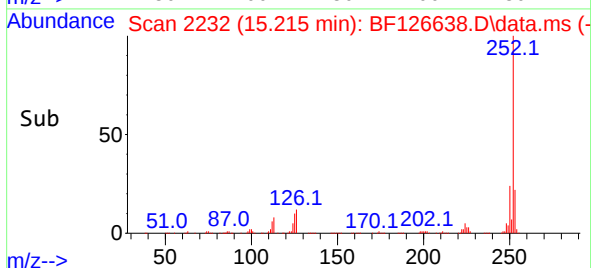
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

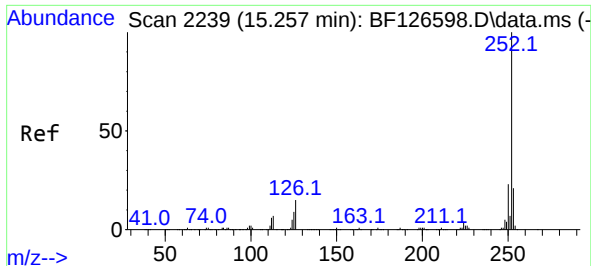


#88
Benzo(b)fluoranthene
Concen: 45.662 ng
RT: 15.215 min Scan# 2232
Delta R.T. -0.012 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



Tgt Ion:252 Resp: 667705
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 9.7 12.4 18.6





#89

Benzo(k)fluoranthene

Concen: 43.063 ng

RT: 15.251 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF126638.D

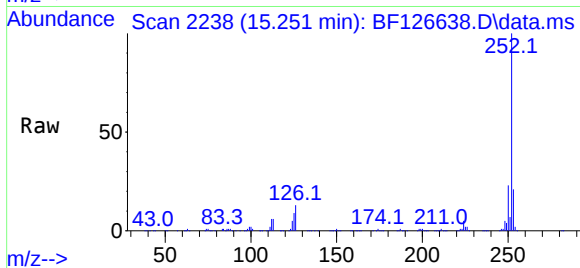
Acq: 24 Jan 2022 14:57

Instrument :

BNA_F

ClientSampleId :

EAST-BOILER-PIT-WASTE-CLASSMSD



Tgt Ion:252 Resp: 61826

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

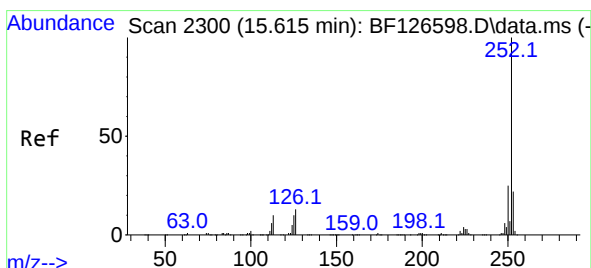
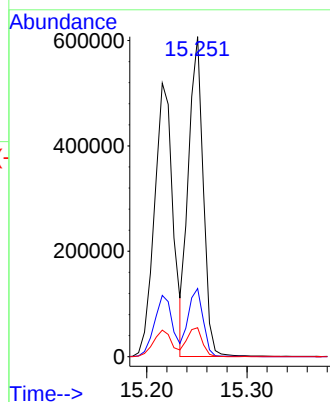
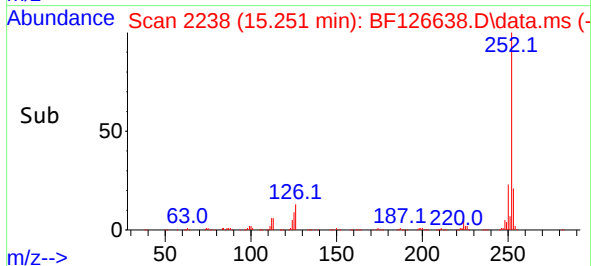
125 9.1 11.8 17.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/25/2022

Supervised By :Jagrut Upadhyay 01/25/2022



#90

Benzo(a)pyrene

Concen: 53.491 ng

RT: 15.609 min Scan# 2299

Delta R.T. -0.006 min

Lab File: BF126638.D

Acq: 24 Jan 2022 14:57

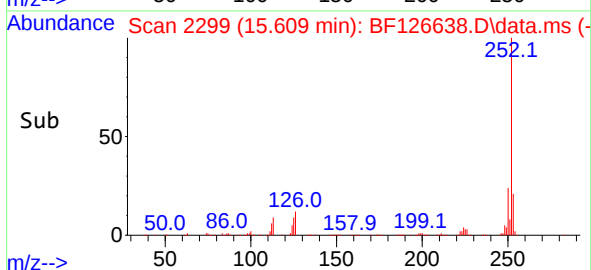
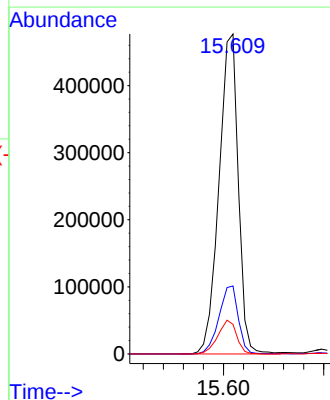
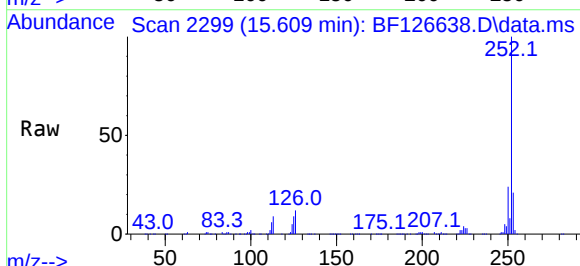
Tgt Ion:252 Resp: 636406

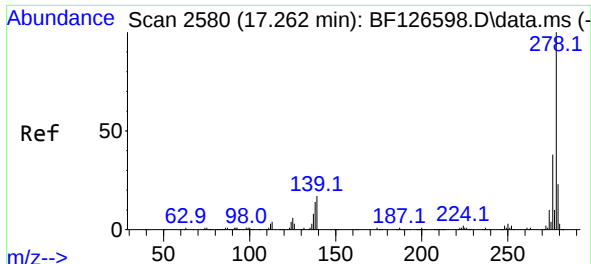
Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

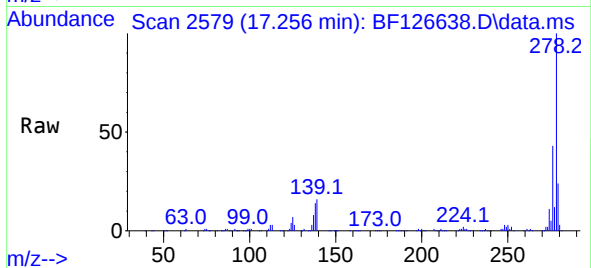
125 9.3 13.0 19.6#





#91
Dibenzo(a,h)anthracene
Concen: 55.503 ng
RT: 17.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57

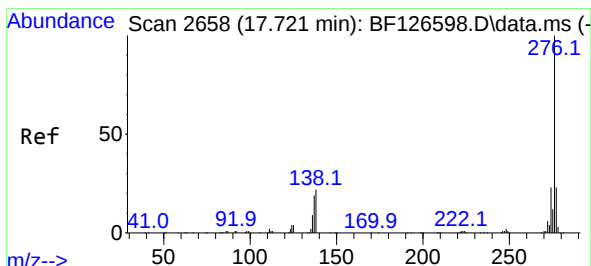
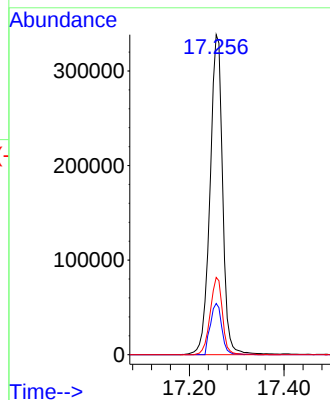
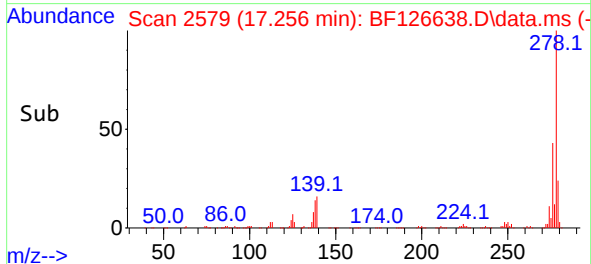
Instrument : BNA_F
ClientSampleId : EAST-BOILER-PIT-WASTE-CLASSMSD



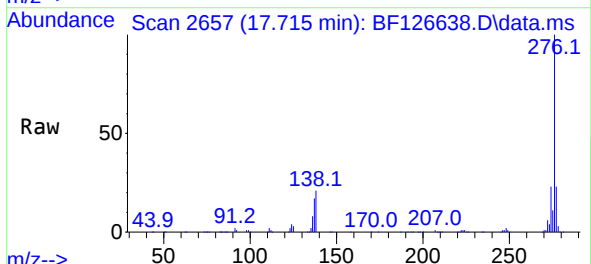
Tgt Ion:278 Resp: 62644
Ion Ratio Lower Upper
278 100
139 16.0 18.0 27.0
279 24.2 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#92
Benzo(g,h,i)perylene
Concen: 55.740 ng
RT: 17.715 min Scan# 2657
Delta R.T. -0.006 min
Lab File: BF126638.D
Acq: 24 Jan 2022 14:57



Tgt Ion:276 Resp: 616879
Ion Ratio Lower Upper
276 100
277 23.0 18.5 27.7
138 21.0 25.9 38.9#

