

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
 Data File : BF126637.D
 Acq On : 24 Jan 2022 14:30
 Operator : CG/JU
 Sample : N1218-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Jan 25 03:12:11 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	105871	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	413709	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	221688	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	377758	20.000	ng	0.00
76) Chrysene-d12	14.151	240	247128	20.000	ng	# 0.00
86) Perylene-d12	15.674	264	220021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	893527	111.059	ng	0.02
7) Phenol-d6	6.581	99	1140357	102.015	ng	0.00
23) Nitrobenzene-d5	7.528	82	972490	92.007	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	281186	135.534	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1220439	84.312	ng	0.00
79) Terphenyl-d14	13.092	244	1325990	89.995	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.005	88	157728	39.778	ng	# 77
3) Pyridine	3.693	79	301372	27.132	ng	# 85
4) n-Nitrosodimethylamine	3.652	42	170232	43.314	ng	78
6) Aniline	6.628	93	89225	6.370	ng	98
8) 2-Chlorophenol	6.751	128	330421	44.776	ng	97
9) Benzaldehyde	6.522	77	267197	38.170	ng	85
10) Phenol	6.593	94	460886	38.765	ng	86
11) bis(2-Chloroethyl)ether	6.698	93	435586	45.148	ng	96
12) 1,3-Dichlorobenzene	6.904	146	341103	41.637	ng	# 92
13) 1,4-Dichlorobenzene	6.981	146	348393	42.113	ng	95
14) 1,2-Dichlorobenzene	7.134	146	334623	42.905	ng	97
15) Benzyl Alcohol	7.098	79	423664	42.511	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	7.234	45	476414	43.282	ng	82
17) 2-Methylphenol	7.204	107	311393	42.920	ng	# 90
18) Hexachloroethane	7.481	117	141558	42.379	ng	# 91
19) n-Nitroso-di-n-propyla...	7.375	70	349322	42.817	ng	# 86
20) 3+4-Methylphenols	7.357	107	392187	41.690	ng	# 82
22) Acetophenone	7.375	105	559941	43.919	ng	# 90
24) Nitrobenzene	7.545	77	528132	48.402	ng	# 84
25) Isophorone	7.781	82	895967	43.710	ng	# 93
26) 2-Nitrophenol	7.863	139	151298	53.155	ng	# 71
27) 2,4-Dimethylphenol	7.887	122	321793	47.640	ng	# 82
28) bis(2-Chloroethoxy)met...	7.992	93	543071	42.479	ng	# 97
29) 2,4-Dichlorophenol	8.098	162	277295	43.277	ng	97
30) 1,2,4-Trichlorobenzene	8.187	180	291571	42.433	ng	97
31) Naphthalene	8.269	128	962762	43.078	ng	99
32) Benzoic acid	7.951	122	48604	12.685	ng	# 69
33) 4-Chloroaniline	8.310	127	34373	3.849	ng	# 87
34) Hexachlorobutadiene	8.381	225	182720	41.805	ng	98
35) Caprolactam	8.681	113	80545m	35.201	ng	
36) 4-Chloro-3-methylphenol	8.787	107	365751	43.651	ng	86
37) 2-Methylnaphthalene	8.963	142	624745	44.948	ng	95
38) 1-Methylnaphthalene	9.063	142	579662	43.027	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	285089	45.849	ng	98
41) Hexachlorocyclopentadiene	9.110	237	345053	91.144	ng	92
43) 2,4,6-Trichlorophenol	9.234	196	197706	44.602	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	202846	44.185	ng	# 94
46) 1,1'-Biphenyl	9.428	154	774548	46.376	ng	98
47) 2-Chloronaphthalene	9.451	162	590663	45.015	ng	97
48) 2-Nitroaniline	9.545	65	259554	57.290	ng	# 88
49) Acenaphthylene	9.875	152	938103	45.576	ng	98
50) Dimethylphthalate	9.728	163	713484	45.377	ng	100
51) 2,6-Dinitrotoluene	9.786	165	151445	55.740	ng	# 71
52) Acenaphthene	10.045	154	579436	46.047	ng	98
53) 3-Nitroaniline	9.951	138	25804	8.307	ng	# 66
54) 2,4-Dinitrophenol	10.057	184	47316	45.172	ng	# 88
55) Dibenzofuran	10.216	168	828626	43.818	ng	96
56) 4-Nitrophenol	10.110	139	221115	89.389	ng	# 58
57) 2,4-Dinitrotoluene	10.192	165	206404	62.691	ng	87
58) Fluorene	10.557	166	642745	45.017	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	168512	44.897	ng	90
60) Diethylphthalate	10.428	149	695769	44.516	ng	98
61) 4-Chlorophenyl-phenyle...	10.551	204	311746	43.719	ng	92
62) 4-Nitroaniline	10.575	138	128220	42.530	ng	# 63
63) Azobenzene	10.710	77	1011689	43.738	ng	91
65) 4,6-Dinitro-2-methylph...	10.598	198	48749	30.235	ng	96
66) n-Nitrosodiphenylamine	10.669	169	564589	44.276	ng	99
67) 4-Bromophenyl-phenylether	11.045	248	192145	44.134	ng	92
68) Hexachlorobenzene	11.104	284	209636	45.131	ng	94
69) Atrazine	11.192	200	188739	46.345	ng	96
70) Pentachlorophenol	11.298	266	228265	84.508	ng	98
71) Phenanthrene	11.528	178	962029	44.576	ng	99
72) Anthracene	11.580	178	979969	45.256	ng	100
73) Carbazole	11.733	167	864078	42.503	ng	98
74) Di-n-butylphthalate	12.057	149	1055548	43.057	ng	# 98
75) Fluoranthene	12.716	202	948735	44.506	ng	98
77) Benzidine	12.833	184	110514	12.963	ng	97
78) Pyrene	12.951	202	936398	46.856	ng	99
80) Butylbenzylphthalate	13.563	149	406252	46.790	ng	# 88
81) Benzo(a)anthracene	14.139	228	737339	43.896	ng	98
82) 3,3'-Dichlorobenzidine	14.098	252	53875	9.763	ng	# 95
83) Chrysene	14.180	228	734234	45.428	ng	99
84) Bis(2-ethylhexyl)phtha...	14.121	149	539026	45.841	ng	99
85) Di-n-octyl phthalate	14.751	149	834630	46.361	ng	96
87) Indeno(1,2,3-cd)pyrene	17.245	276	742089	54.589	ng	# 88
88) Benzo(b)fluoranthene	15.227	252	656416	44.989	ng	# 93
89) Benzo(k)fluoranthene	15.257	252	646051	45.097	ng	# 95
90) Benzo(a)pyrene	15.616	252	643468	54.203	ng	# 94
91) Dibenzo(a,h)anthracene	17.268	278	622911	55.312	ng	# 92
92) Benzo(g,h,i)perylene	17.727	276	610569	55.291	ng	# 86

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

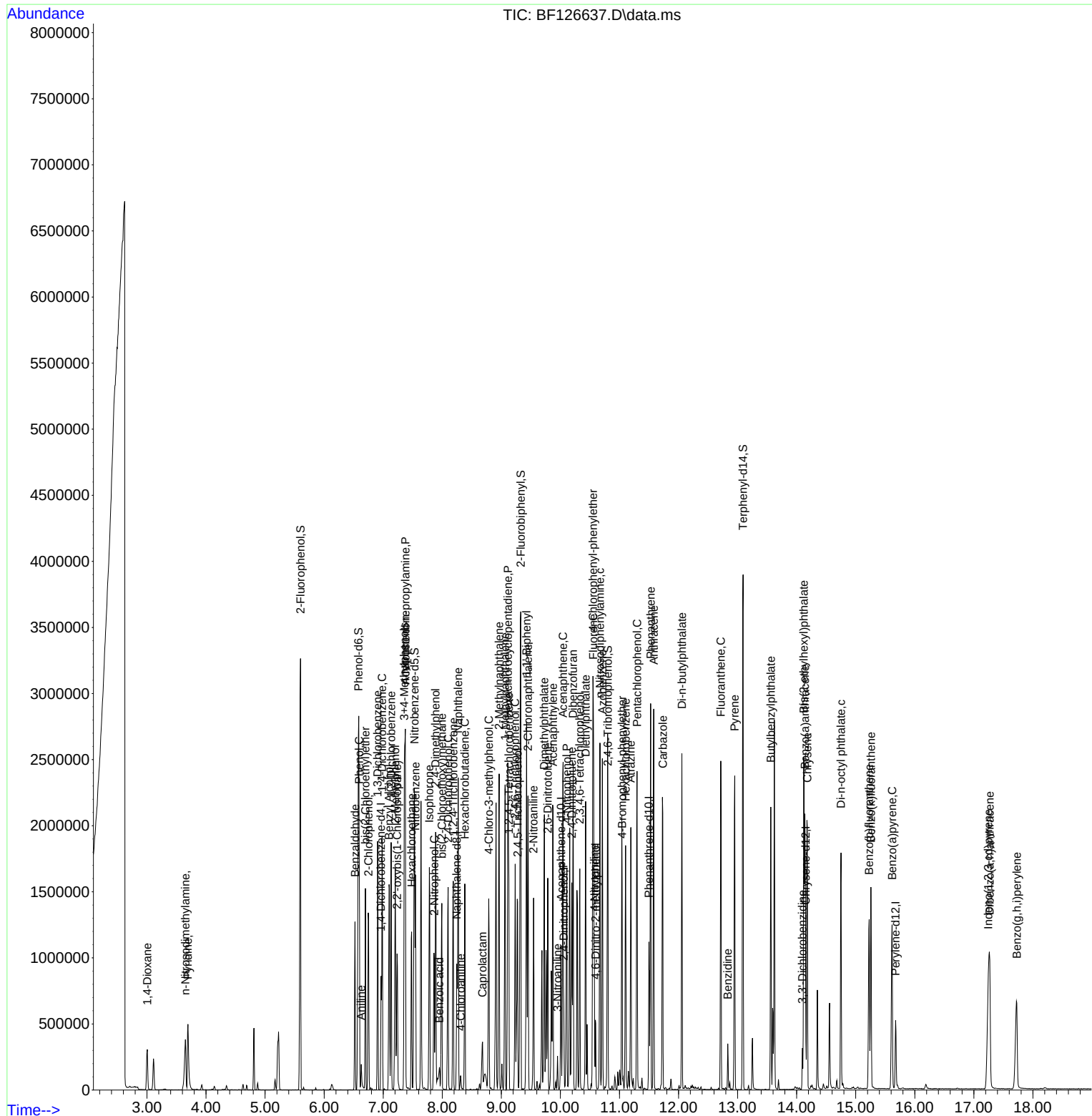
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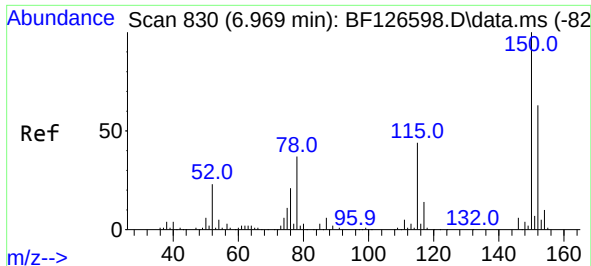
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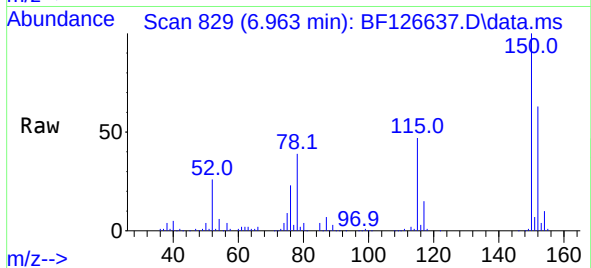
Reviewed By : Christian Giraldo 01/25/2022
Supervised By : Jagrut Upadhyay 01/25/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

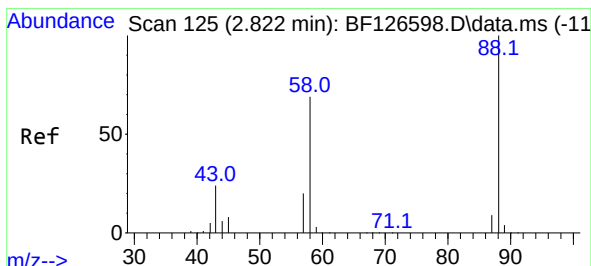
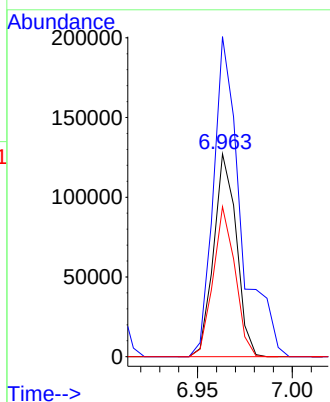
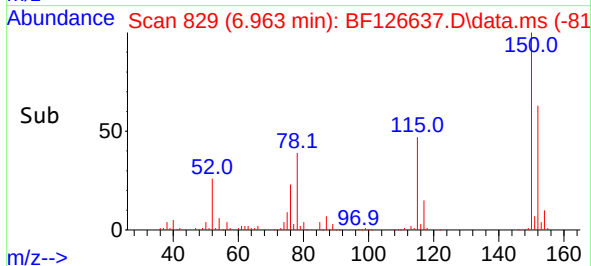
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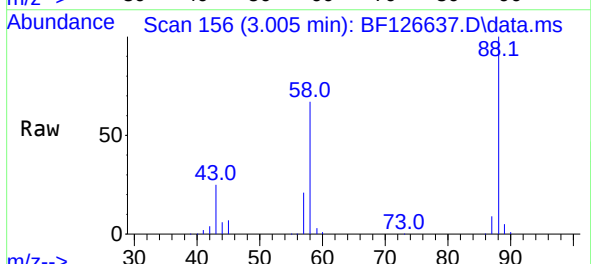
Tgt Ion:152 Resp: 10587
Ion Ratio Lower Upper
152 100
150 157.9 128.1 192.1
115 73.9 56.7 85.1

Manual Integrations
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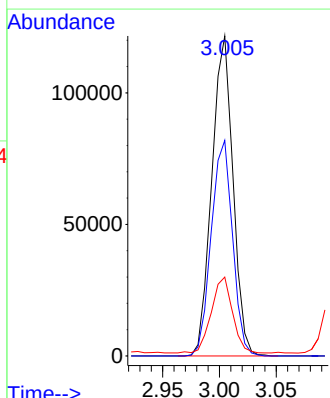
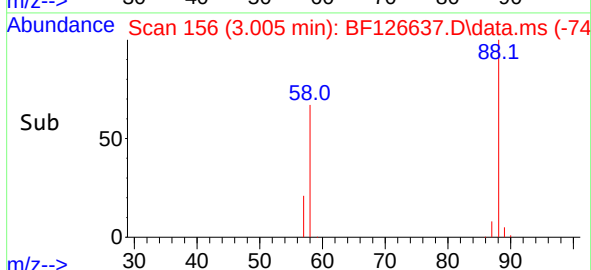
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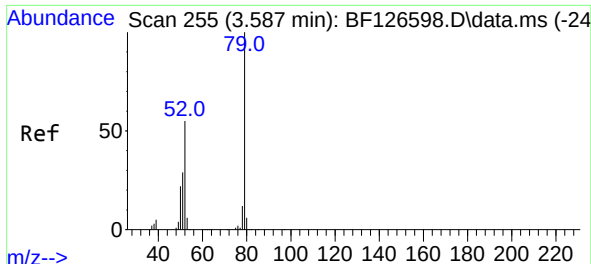


#2
1,4-Dioxane
Concen: 39.778 ng
RT: 3.005 min Scan# 156
Delta R.T. 0.182 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



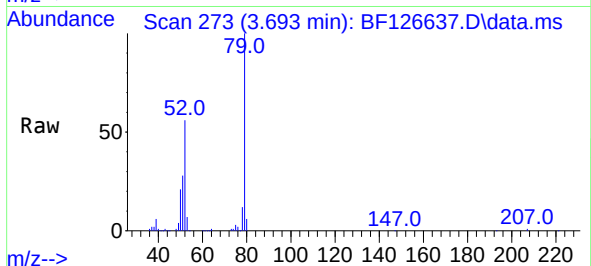
Tgt Ion: 88 Resp: 157728
Ion Ratio Lower Upper
88 100
58 67.8 62.8 94.2
43 0.0 22.3 33.5





#3
Pyridine
Concen: 27.132 ng
RT: 3.693 min Scan# 21
Delta R.T. 0.106 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

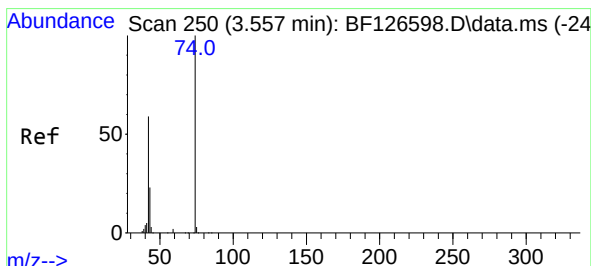
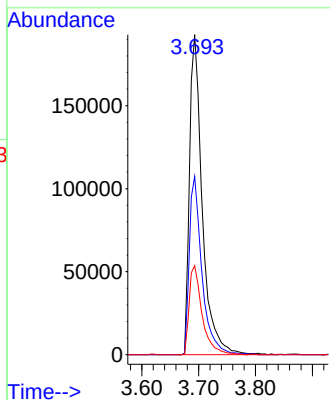
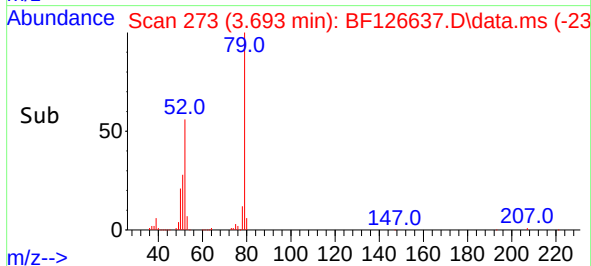
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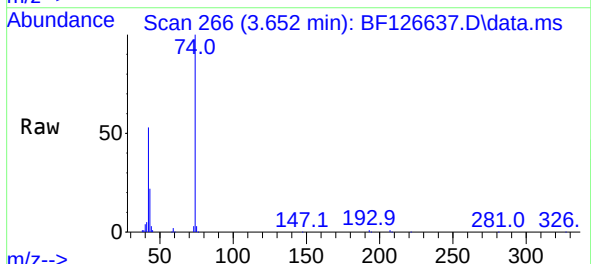
Tgt Ion: 79 Resp: 301372
Ion Ratio Lower Upper
79 100
52 55.7 56.2 84.4
51 27.8 26.7 40.1

Manual Integrations
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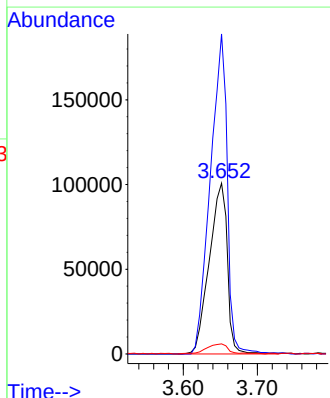
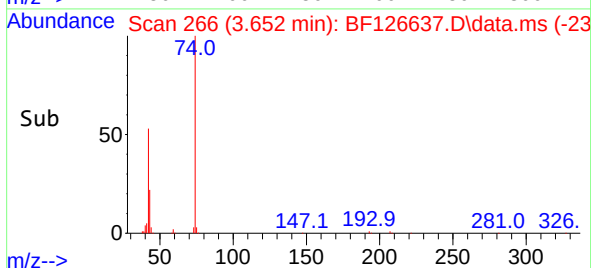
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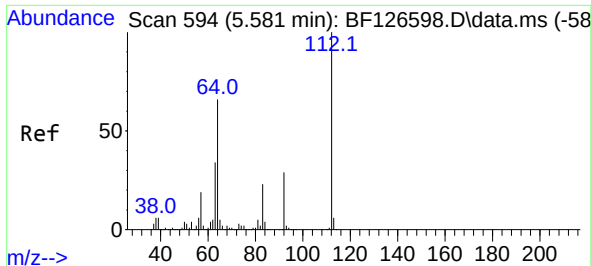


#4
n-Nitrosodimethylamine
Concen: 43.314 ng
RT: 3.652 min Scan# 266
Delta R.T. 0.094 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



Tgt Ion: 42 Resp: 170232
Ion Ratio Lower Upper
42 100
74 187.4 125.6 188.4
44 5.9 5.7 8.5





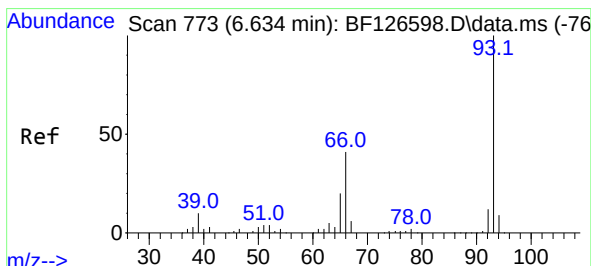
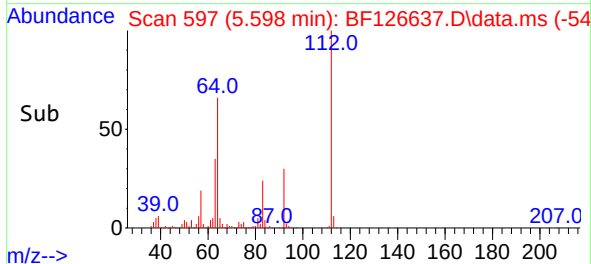
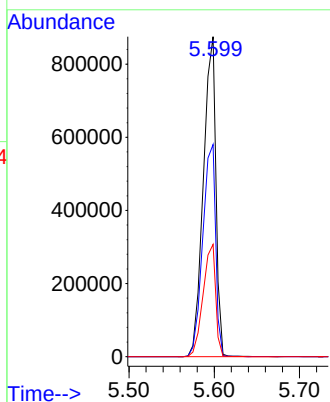
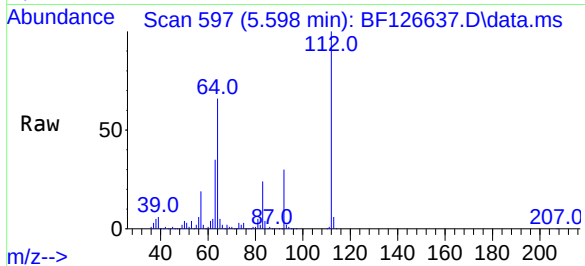
#5
2-Fluorophenol
Concen: 111.059 ng
RT: 5.598 min Scan# 594
Delta R.T. 0.018 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

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

Tgt Ion:112 Resp: 89352
Ion Ratio Lower Upper
112 100
64 66.3 49.5 74.3
63 35.1 23.9 35.9

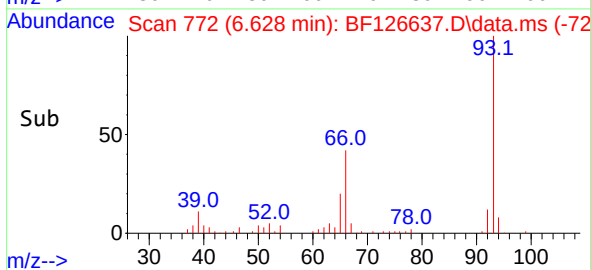
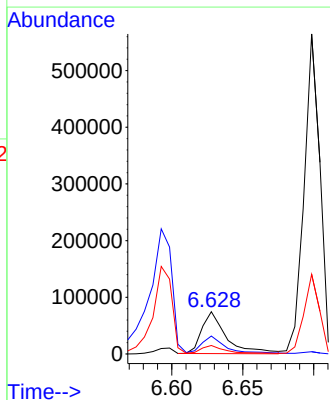
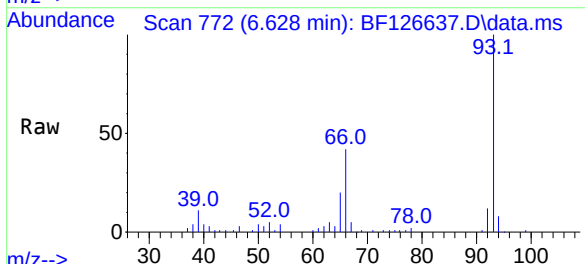
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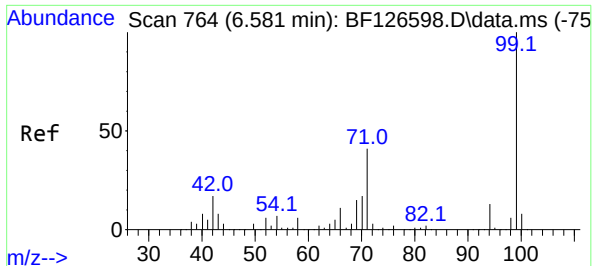
Reviewed By :Christian Giraldo 01/25/2022
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#6
Aniline
Concen: 6.370 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

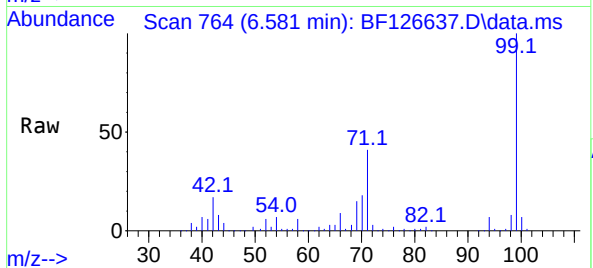
Tgt Ion: 93 Resp: 89225
Ion Ratio Lower Upper
93 100
66 42.3 32.2 48.4
65 20.1 16.3 24.5





#7
Phenol-d6
Concen: 102.015 ng
RT: 6.581 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF126637.D
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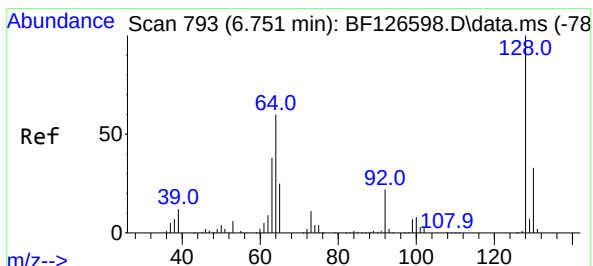
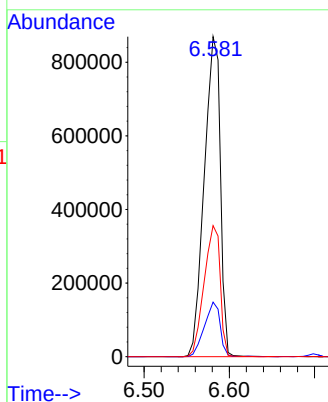
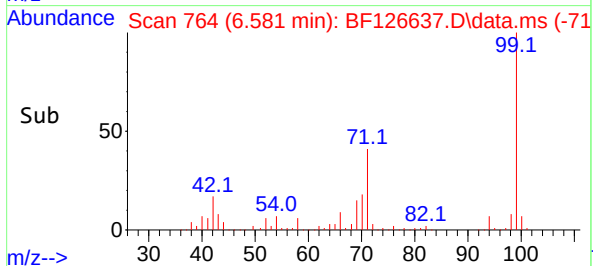
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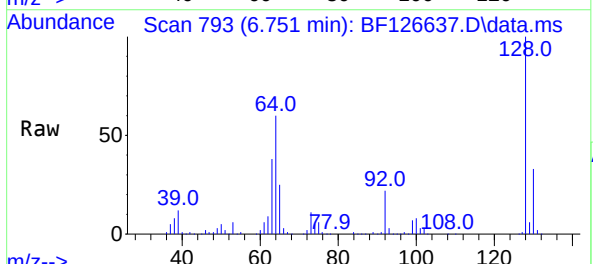
Tgt Ion: 99 Resp: 114035
Ion Ratio Lower Upper
99 100
42 17.0 14.2 21.4
71 41.0 24.3 36.5

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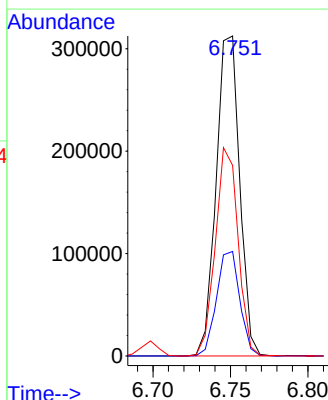
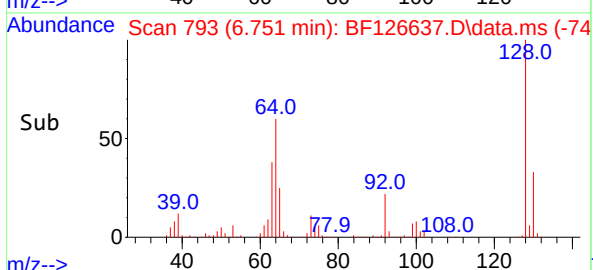
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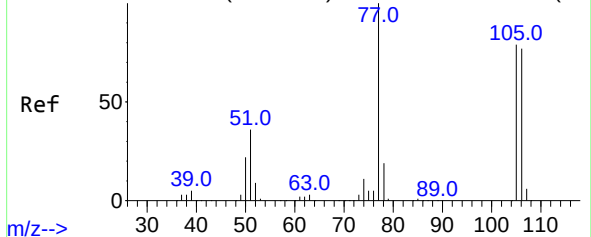
#8
2-Chlorophenol
Concen: 44.776 ng
RT: 6.751 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



Tgt Ion:128 Resp: 330421
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 59.6 35.6 75.6



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



#9

Benzaldehyde

Concen: 38.170 ng

RT: 6.522 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF126637.D

Acq: 24 Jan 2022 14:30

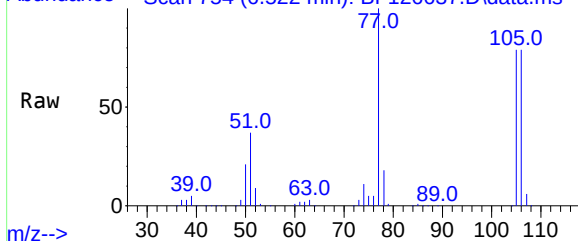
Instrument :

BNA_F

ClientSampleId :

EAST-BOILER-PIT-WASTE-CLASSMS

m/z--> Abundance Scan 754 (6.522 min): BF126637.D\data.ms



Tgt Ion: 77 Resp: 26719

Ion Ratio Lower Upper

77 100

105 79.5 74.9 114.9

106 78.7 72.4 112.4

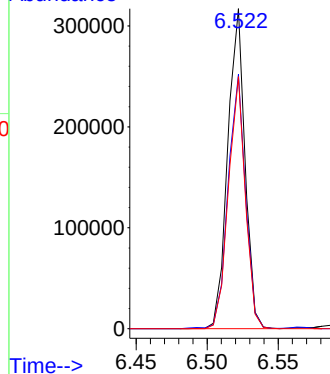
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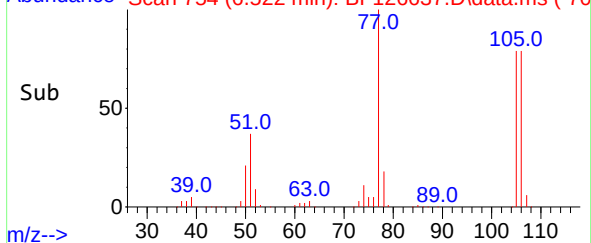
Reviewed By :Christian Giraldo 01/25/2022

Supervised By :Jagrut Upadhyay 01/25/2022

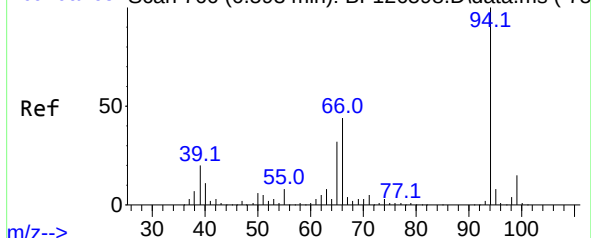
Abundance



m/z--> Abundance Scan 754 (6.522 min): BF126637.D\data.ms (-70



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



#10

Phenol

Concen: 38.765 ng

RT: 6.593 min Scan# 766

Delta R.T. 0.000 min

Lab File: BF126637.D

Acq: 24 Jan 2022 14:30

Tgt Ion: 94 Resp: 460886

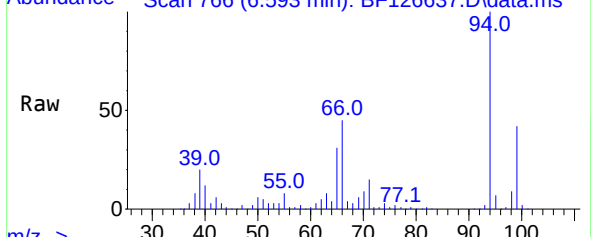
Ion Ratio Lower Upper

94 100

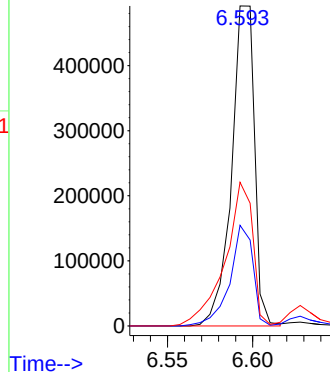
65 31.4 7.2 47.2

66 44.9 14.5 54.5

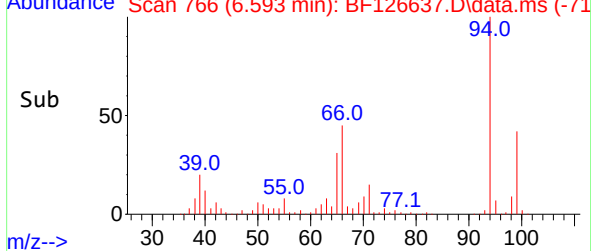
m/z--> Abundance Scan 766 (6.593 min): BF126637.D\data.ms

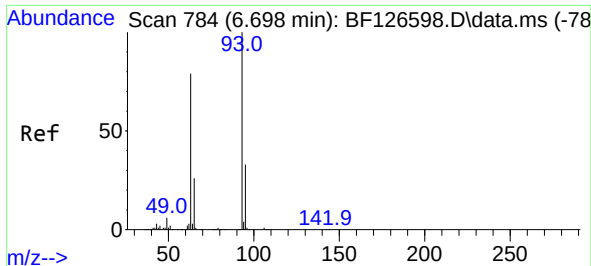


Abundance



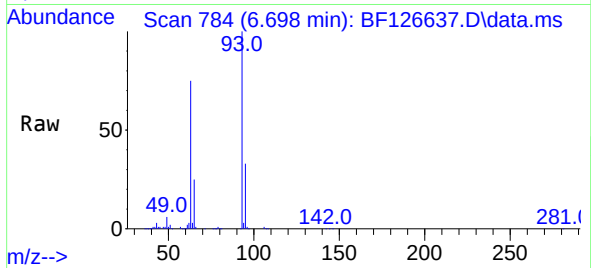
m/z--> Abundance Scan 766 (6.593 min): BF126637.D\data.ms (-71





#11
bis(2-Chloroethyl)ether
Concen: 45.148 ng
RT: 6.698 min Scan# 784
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

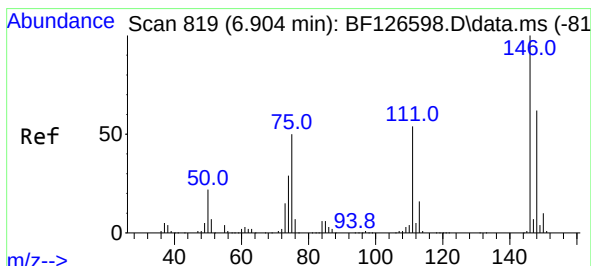
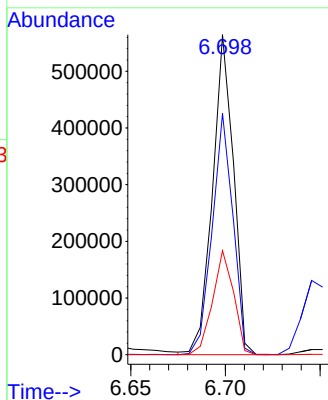
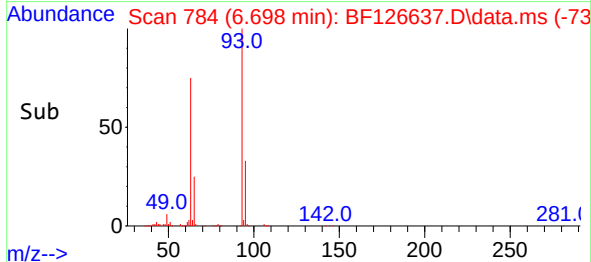
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



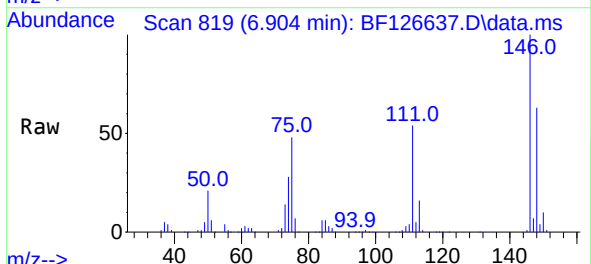
Tgt Ion: 93 Resp: 435580
Ion Ratio Lower Upper
93 100
63 75.4 60.5 100.5
95 32.5 12.9 52.9

Manual Integrations
APPROVED

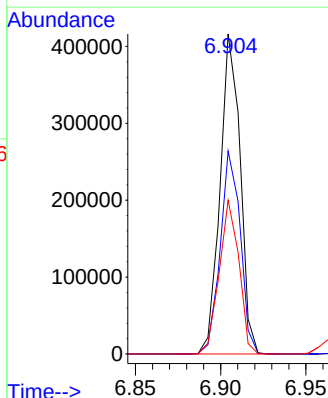
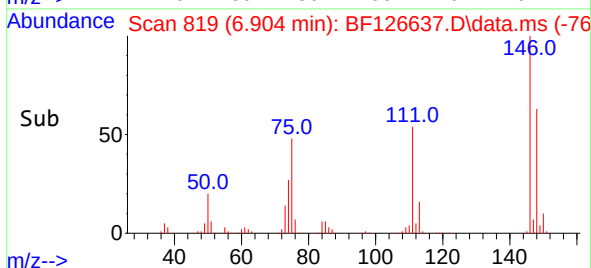
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

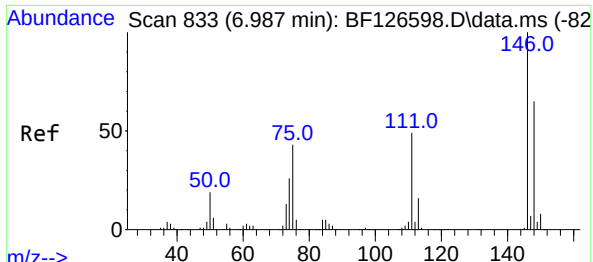


#12
1,3-Dichlorobenzene
Concen: 41.637 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



Tgt Ion:146 Resp: 341103
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
75 48.1 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 42.113 ng

RT: 6.981 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF126637.D

Acq: 24 Jan 2022 14:30

Instrument :

BNA_F

ClientSampleId :

EAST-BOILER-PIT-WASTE-CLASSMS

Tgt Ion:146 Resp: 34839

Ion Ratio Lower Upper

146 100

148 63.2 49.8 74.6

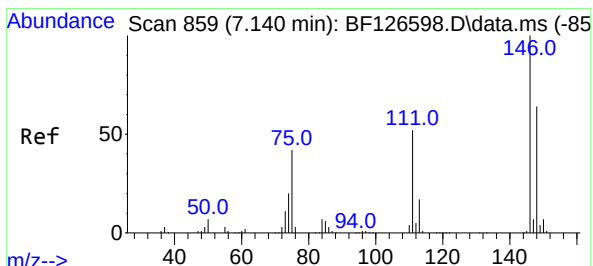
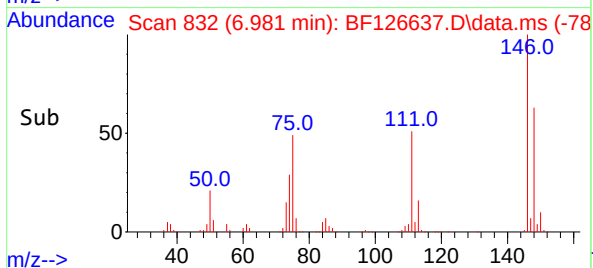
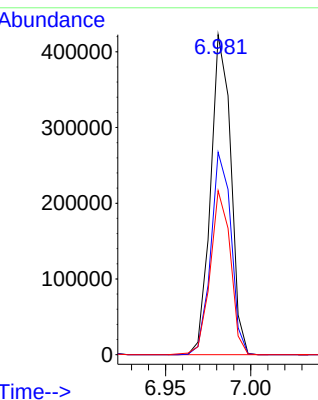
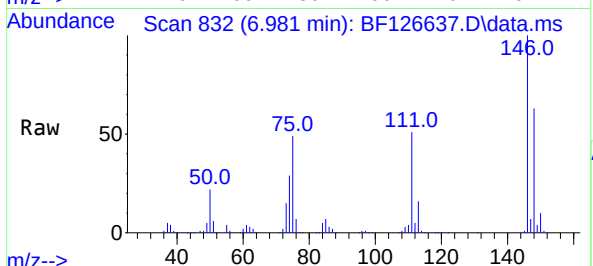
111 51.2 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2022

Supervised By :Jagrut Upadhyay 01/25/2022



#14

1,2-Dichlorobenzene

Concen: 42.905 ng

RT: 7.134 min Scan# 858

Delta R.T. -0.006 min

Lab File: BF126637.D

Acq: 24 Jan 2022 14:30

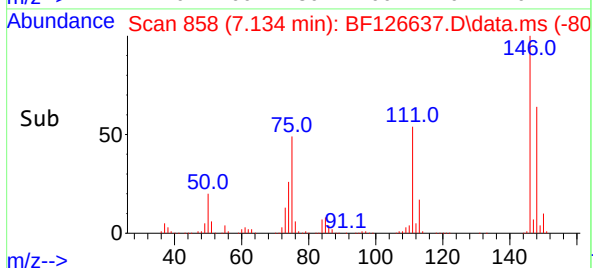
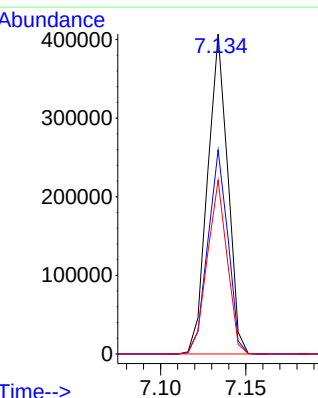
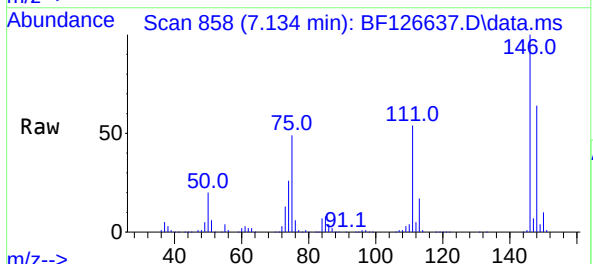
Tgt Ion:146 Resp: 334623

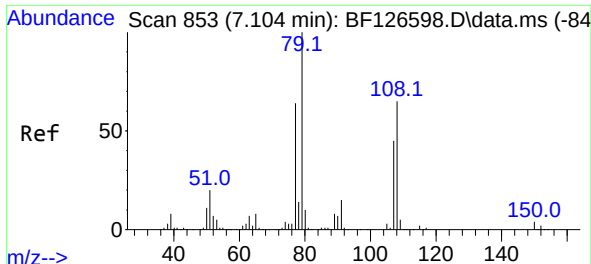
Ion Ratio Lower Upper

146 100

148 63.8 51.6 77.4

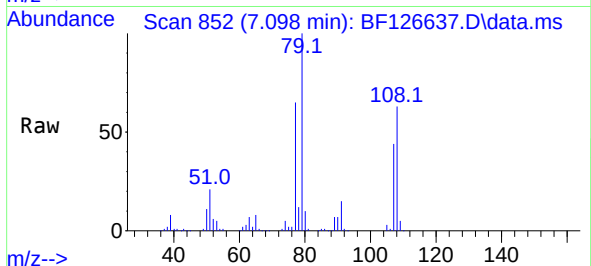
111 54.3 40.2 60.2





#15
Benzyl Alcohol
Concen: 42.511 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

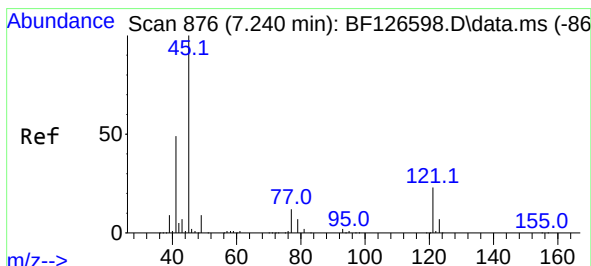
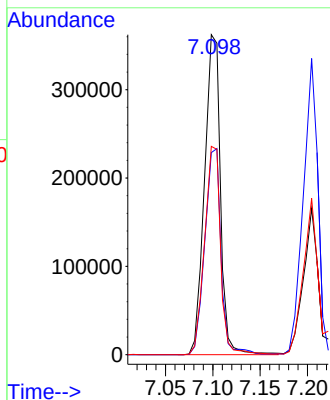
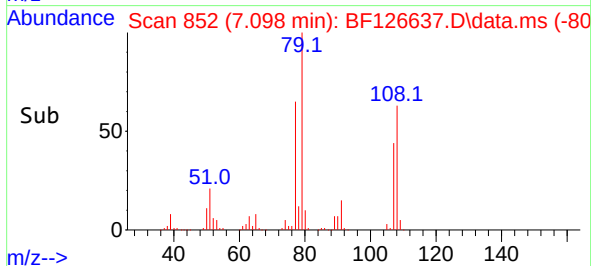
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



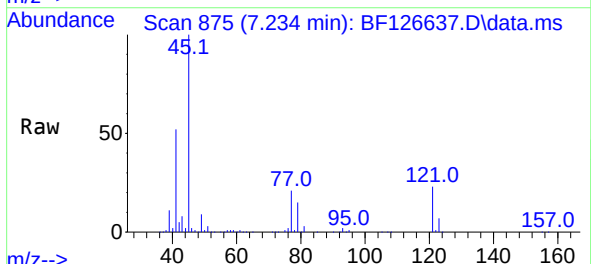
Tgt Ion: 79 Resp: 423664
Ion Ratio Lower Upper
79 100
108 63.2 63.2 94.8
77 65.1 49.4 74.2

Manual Integrations
APPROVED

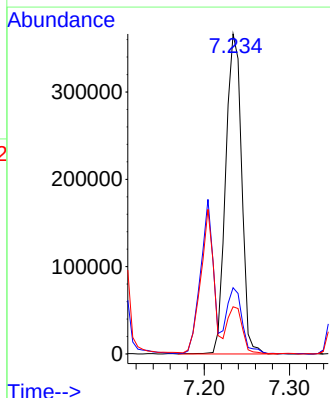
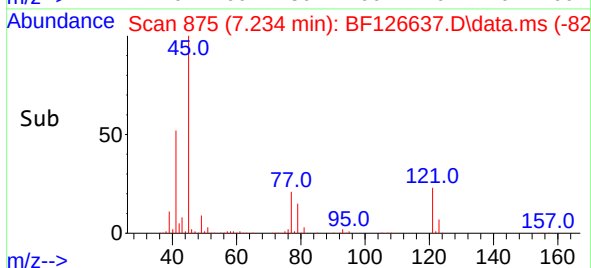
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

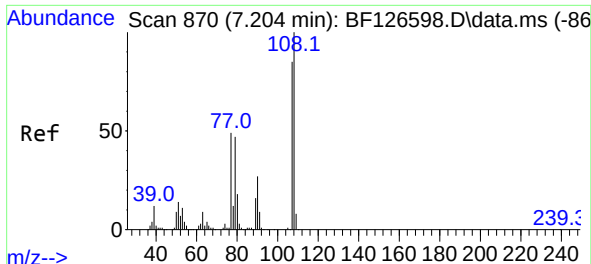


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.282 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



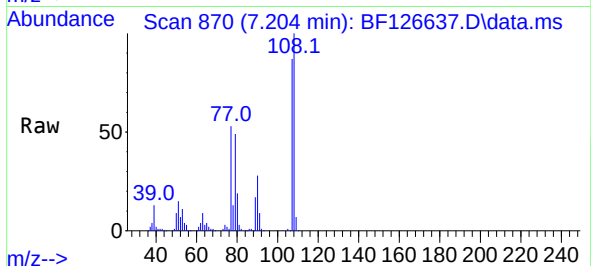
Tgt Ion: 45 Resp: 476414
Ion Ratio Lower Upper
45 100
77 20.7 0.0 32.4
79 14.8 0.0 29.8





#17
2-Methylphenol
Concen: 42.920 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

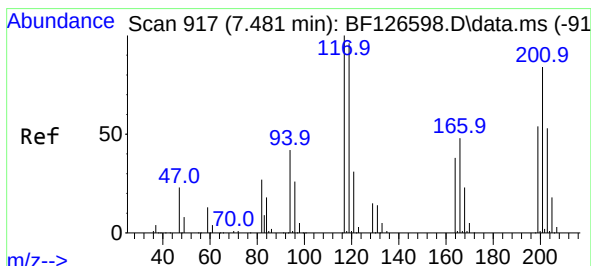
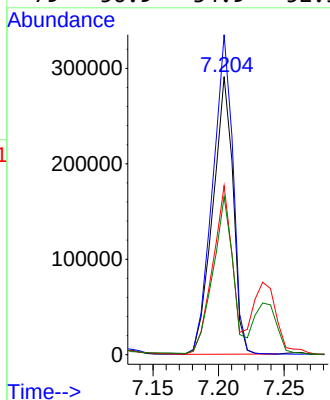
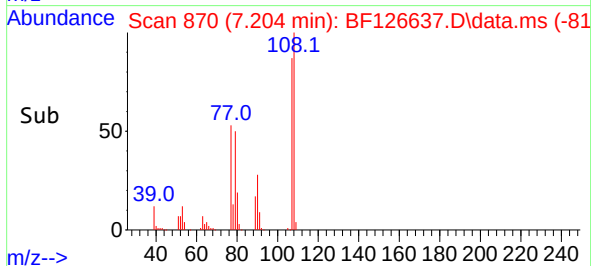
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



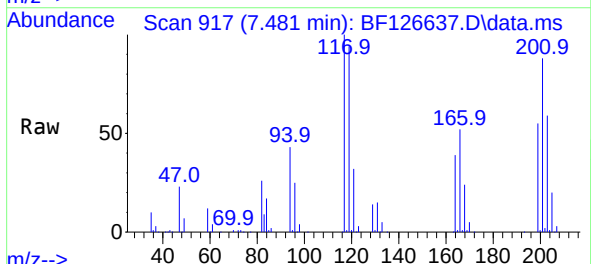
Tgt Ion:107 Resp: 31139
Ion Ratio Lower Upper
107 100
108 115.1 93.4 140.0
77 60.8 36.1 54.1
79 56.9 34.9 52.3#

Manual Integrations
APPROVED

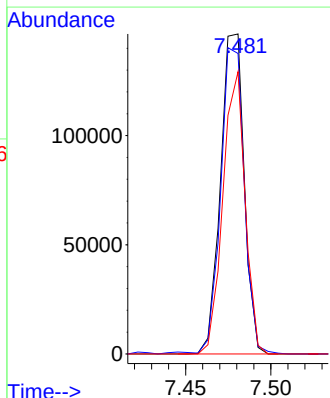
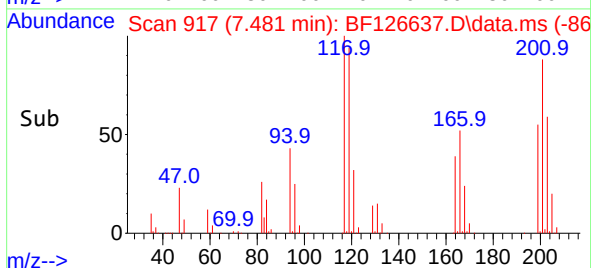
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

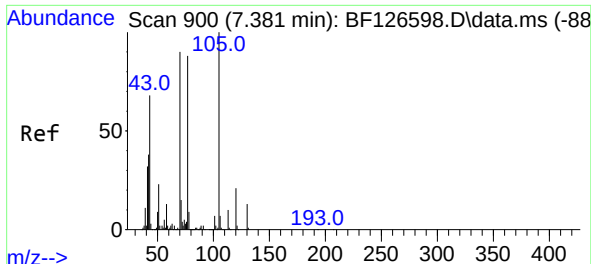


#18
Hexachloroethane
Concen: 42.379 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



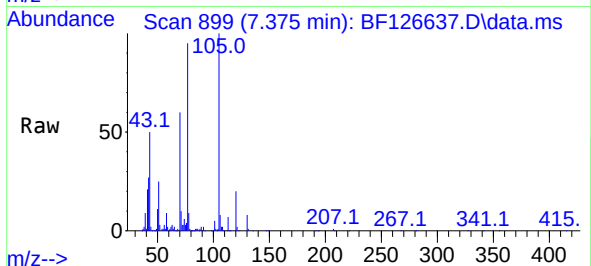
Tgt Ion:117 Resp: 141558
Ion Ratio Lower Upper
117 100
119 93.9 75.4 113.0
201 88.2 56.8 85.2#





#19
n-Nitroso-di-n-propylamine
Concen: 42.817 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

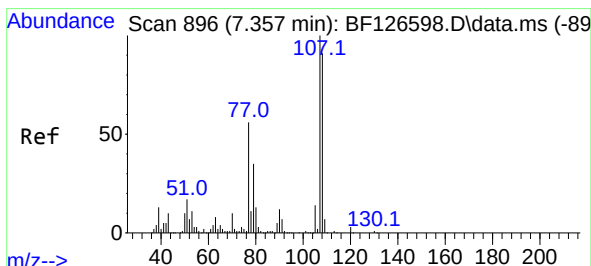
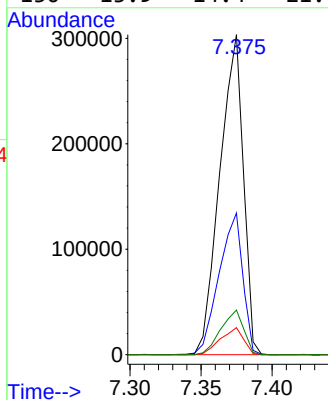
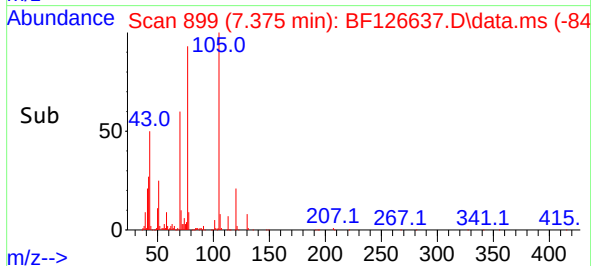
Instrument : BNA_F
ClientSampleId : EAST-BOILER-PIT-WASTE-CLASSMS



Tgt Ion: 70 Resp: 349322
Ion Ratio Lower Upper
70 100
42 44.2 45.8 68.8
101 8.5 6.9 10.3
130 13.9 14.4 21.6#

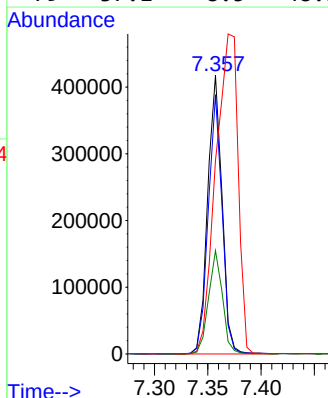
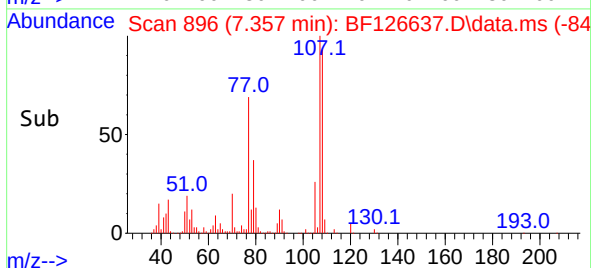
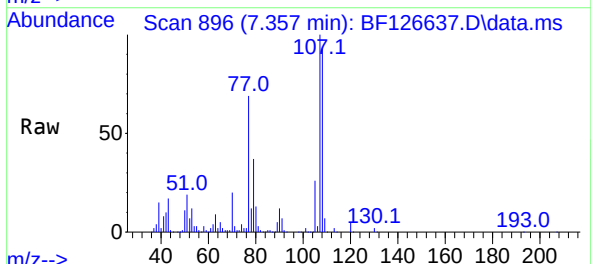
Manual Integrations
APPROVED

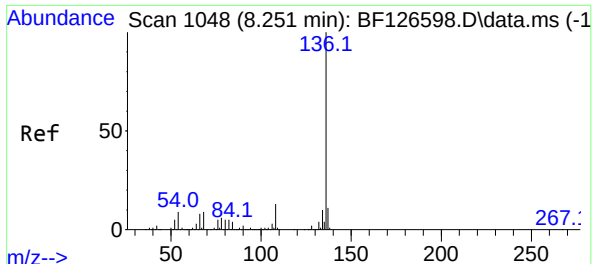
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#20
3+4-Methylphenols
Concen: 41.690 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

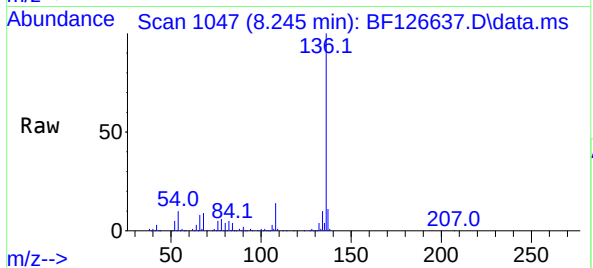
Tgt Ion:107 Resp: 392187
Ion Ratio Lower Upper
107 100
108 93.1 72.4 112.4
77 69.5 83.8 123.8#
79 37.1 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

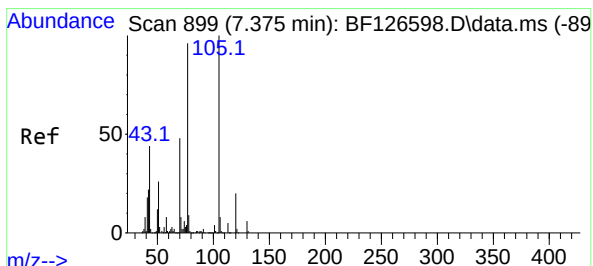
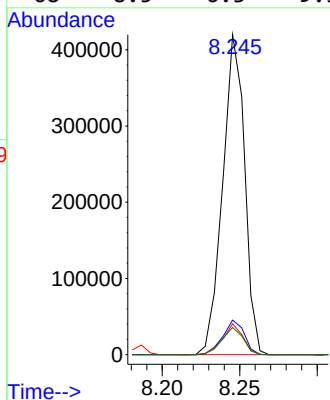
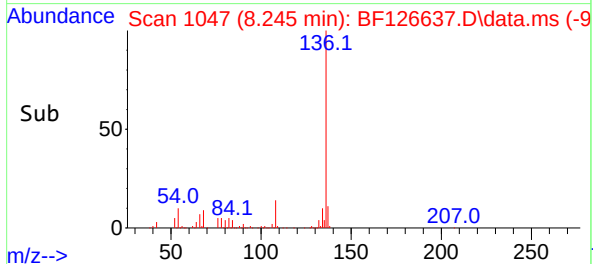
Instrument : BNA_F
ClientSampleId : EAST-BOILER-PIT-WASTE-CLASSMS



Tgt Ion:136 Resp: 413709
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.6 7.8 11.6
68 8.5 6.3 9.5

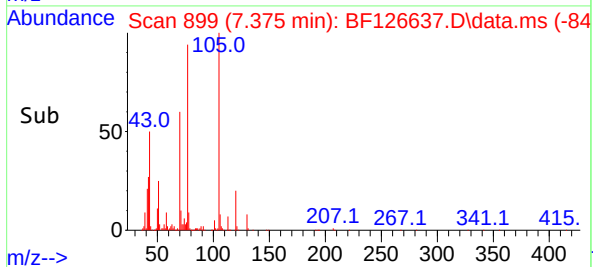
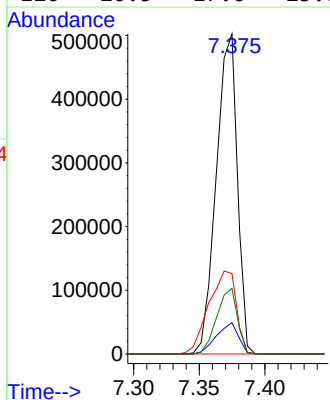
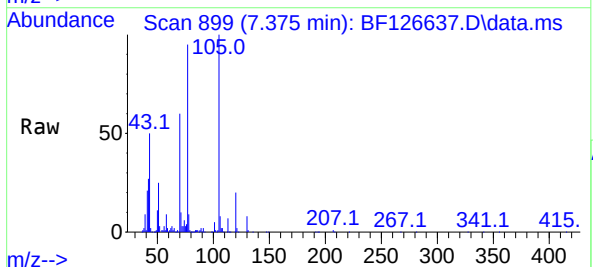
Manual Integrations
APPROVED

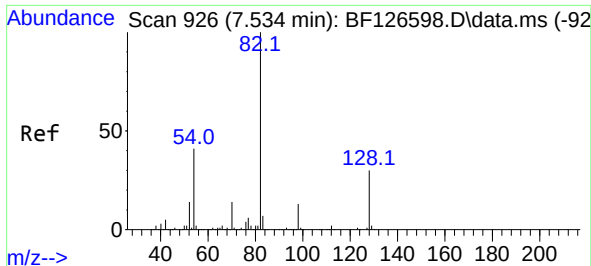
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#22
Acetophenone
Concen: 43.919 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

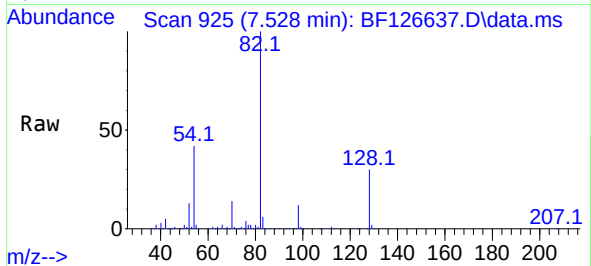
Tgt Ion:105 Resp: 559941
Ion Ratio Lower Upper
105 100
71 9.8 5.4 8.0#
51 25.2 27.4 41.0#
120 20.5 17.0 25.6





#23
Nitrobenzene-d5
Concen: 92.007 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

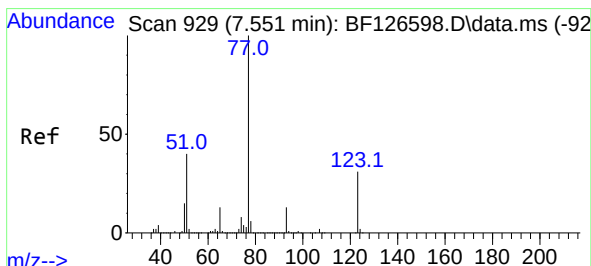
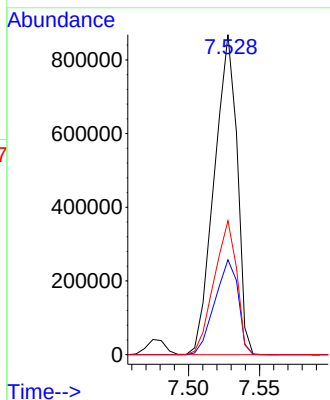
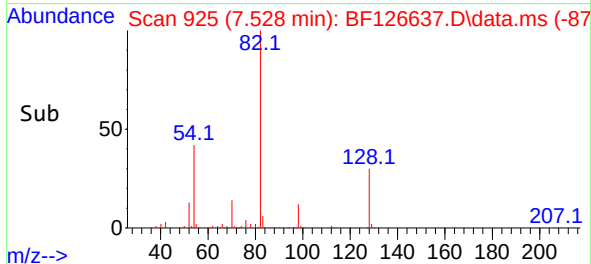
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



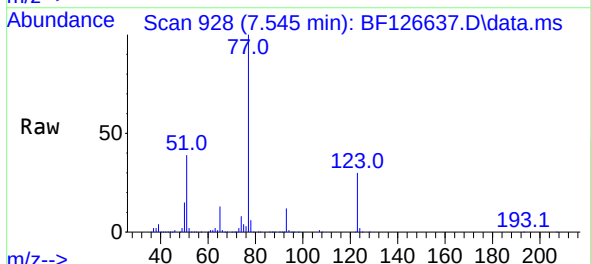
Tgt Ion: 82 Resp: 972490
Ion Ratio Lower Upper
82 100
128 29.6 32.7 49.1
54 41.9 41.7 62.5

Manual Integrations
APPROVED

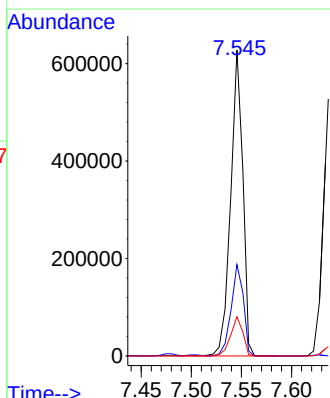
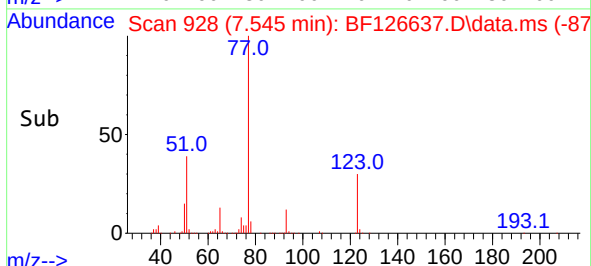
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

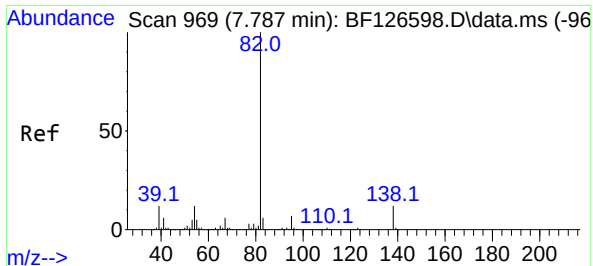


#24
Nitrobenzene
Concen: 48.402 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



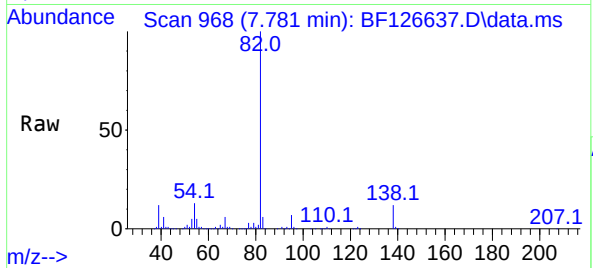
Tgt Ion: 77 Resp: 528132
Ion Ratio Lower Upper
77 100
123 29.9 34.6 52.0
65 12.8 10.6 15.8





#25
Isophorone
Concen: 43.710 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

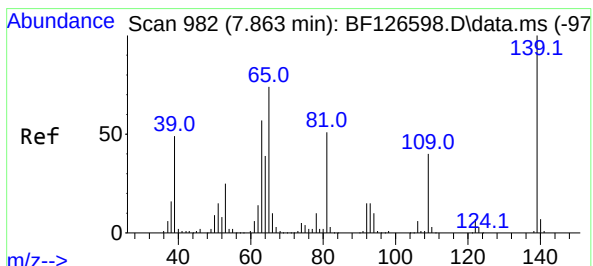
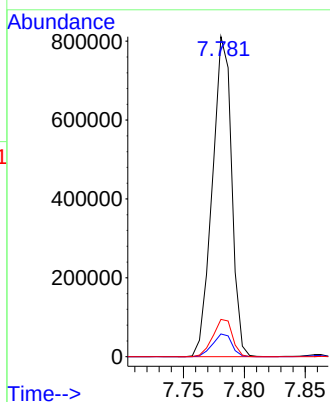
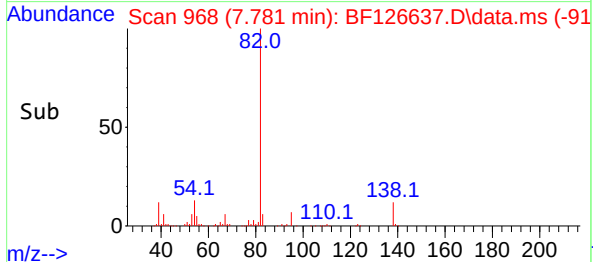
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



Tgt Ion: 82 Resp: 89596
Ion Ratio Lower Upper
82 100
95 7.1 5.0 7.4
138 11.6 12.3 18.5

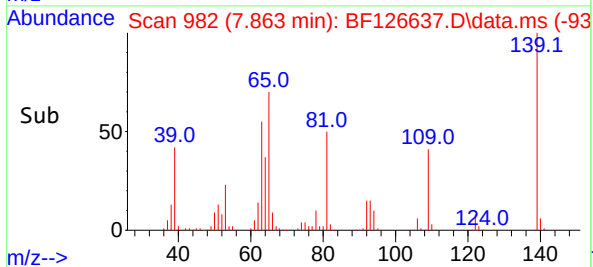
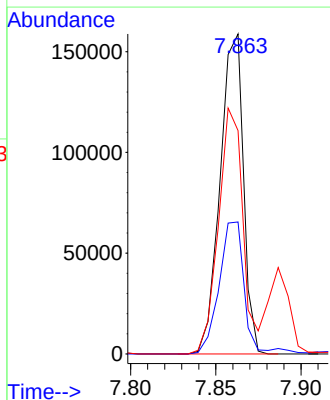
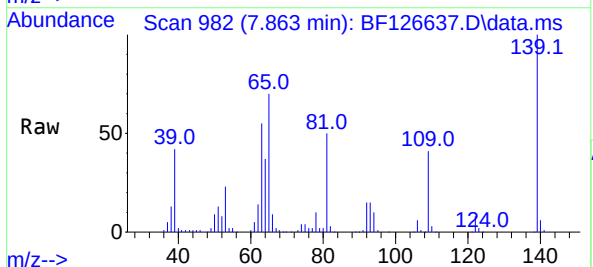
Manual Integrations
APPROVED

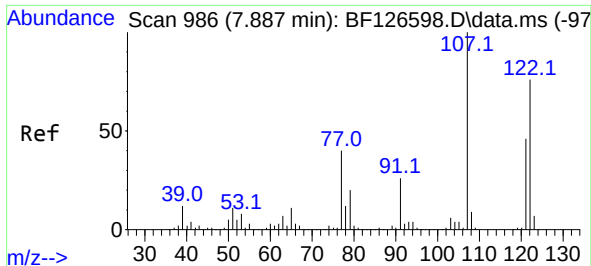
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#26
2-Nitrophenol
Concen: 53.155 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

Tgt Ion:139 Resp: 151298
Ion Ratio Lower Upper
139 100
109 41.2 20.0 30.0#
65 69.8 40.8 61.2#





#27

2,4-Dimethylphenol

Concen: 47.640 ng

RT: 7.887 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF126637.D

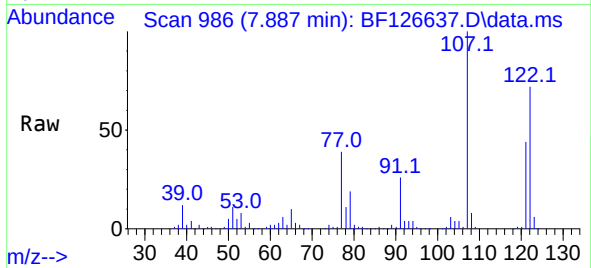
Acq: 24 Jan 2022 14:30

Instrument :

BNA_F

ClientSampleId :

EAST-BOILER-PIT-WASTE-CLASSMS



Tgt Ion:122 Resp: 32179

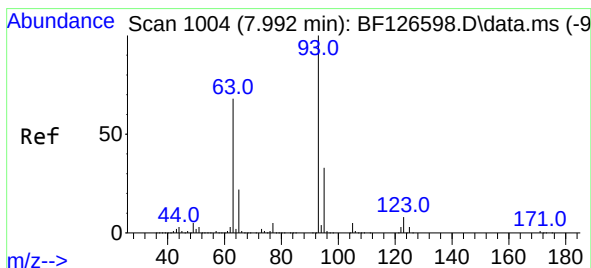
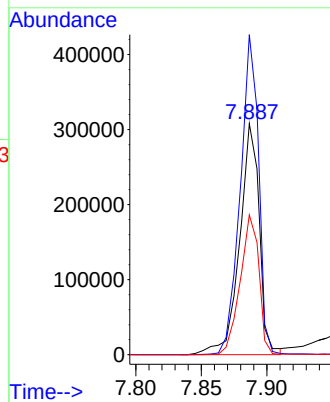
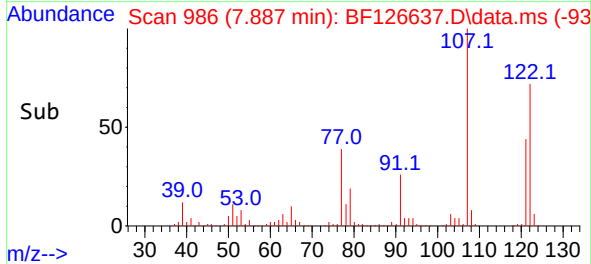
Ion	Ratio	Lower	Upper
122	100		
107	138.5	91.2	136.8
121	60.6	44.4	66.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2022

Supervised By :Jagrut Upadhyay 01/25/2022



#28

bis(2-Chloroethoxy)methane

Concen: 42.479 ng

RT: 7.992 min Scan# 1004

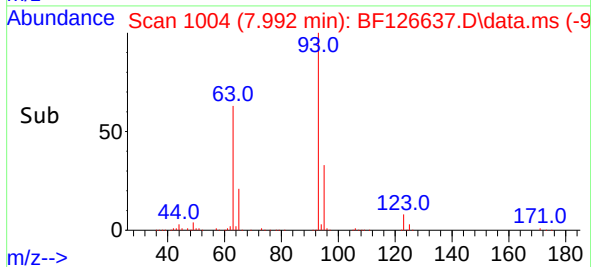
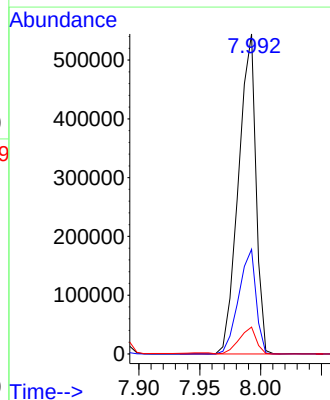
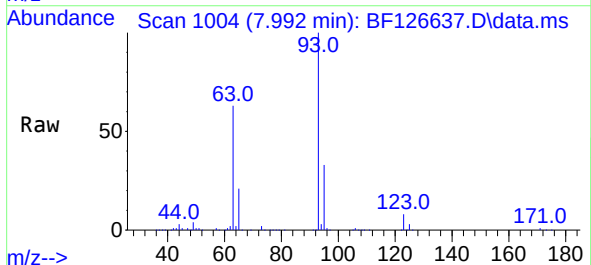
Delta R.T. 0.000 min

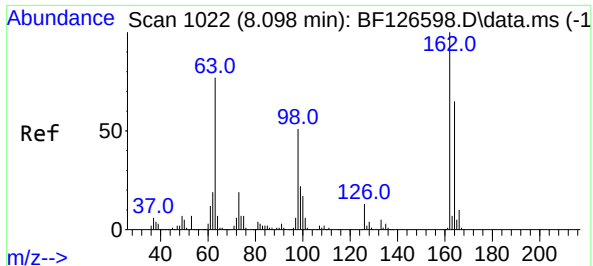
Lab File: BF126637.D

Acq: 24 Jan 2022 14:30

Tgt Ion: 93 Resp: 543071

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.4	38.2
123	8.4	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 43.277 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF126637.D

Acq: 24 Jan 2022 14:30

Instrument :

BNA_F

ClientSampleId :

EAST-BOILER-PIT-WASTE-CLASSMS

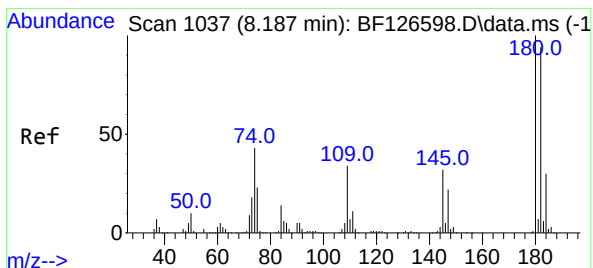
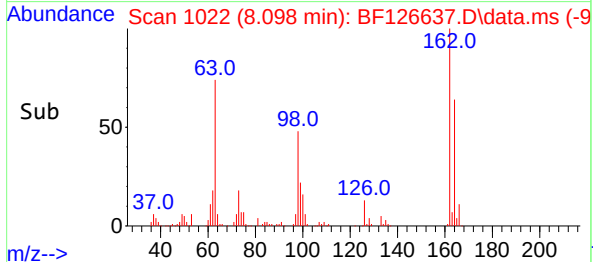
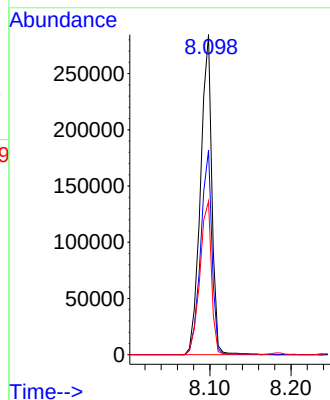
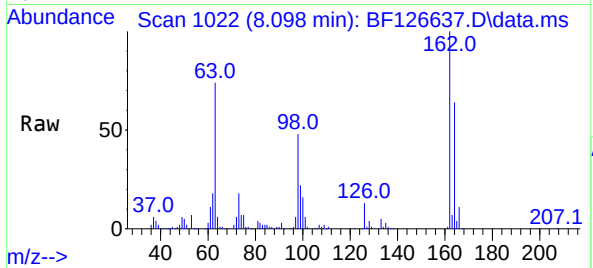
Tgt Ion:162 Resp: 277295
 Ion Ratio Lower Upper
 162 100
 164 63.9 43.8 83.8
 98 47.9 23.6 63.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 01/25/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.433 ng

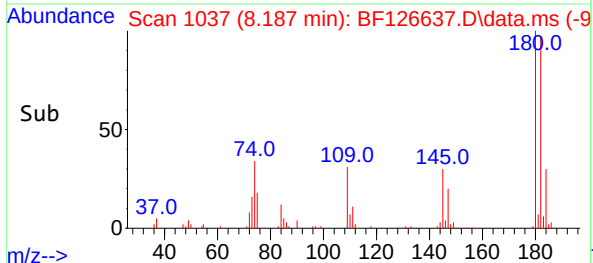
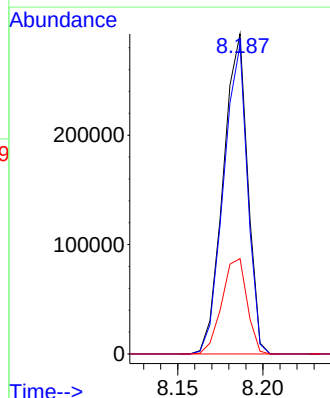
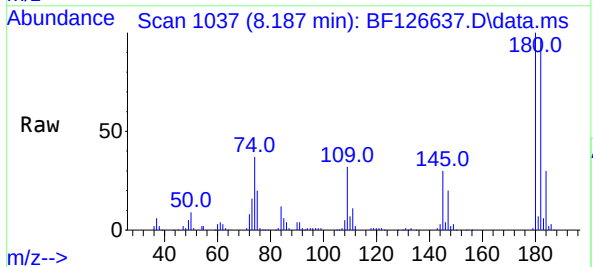
RT: 8.187 min Scan# 1037

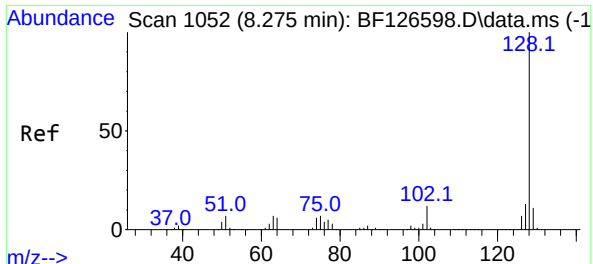
Delta R.T. 0.000 min

Lab File: BF126637.D

Acq: 24 Jan 2022 14:30

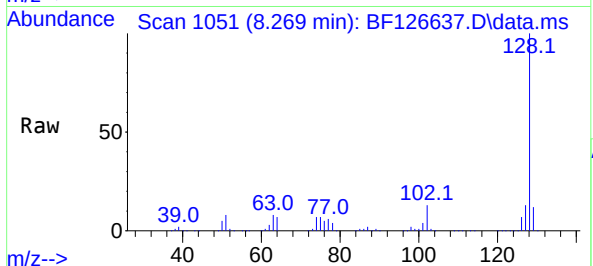
Tgt Ion:180 Resp: 291571
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.5 113.3
 145 29.8 26.2 39.2





#31
Naphthalene
Concen: 43.078 ng
RT: 8.269 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

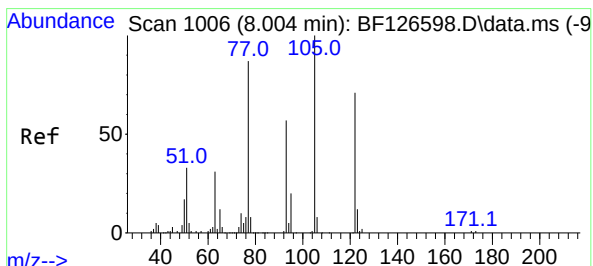
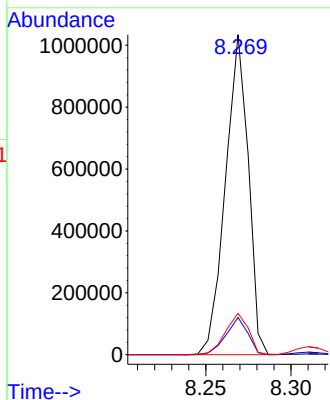
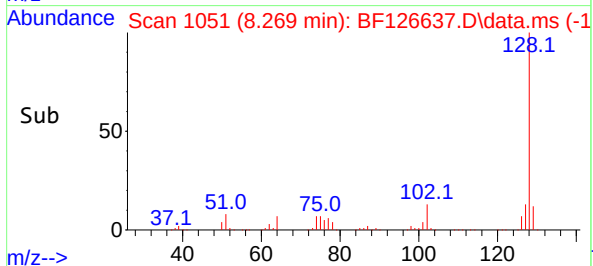
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



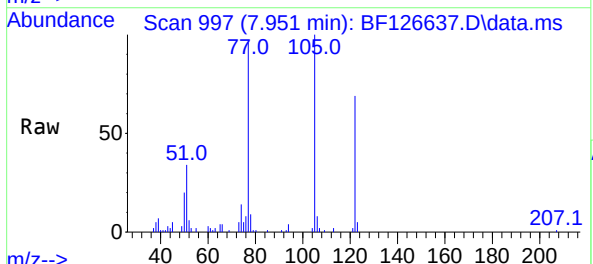
Tgt Ion:128 Resp: 962762
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 12.9 10.3 15.5

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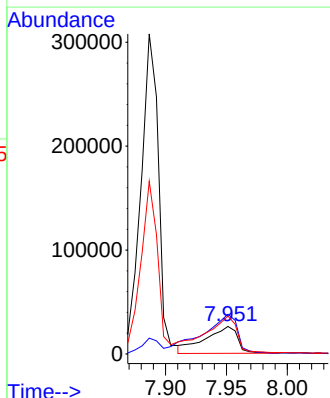
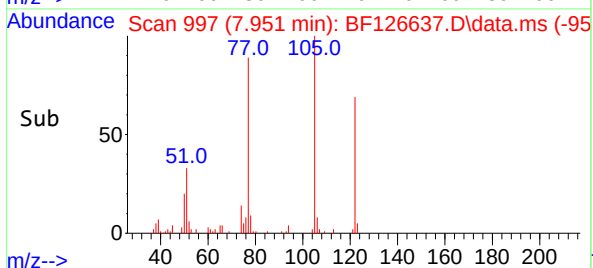
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

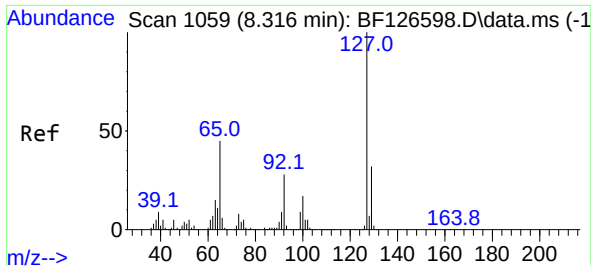


#32
Benzoic acid
Concen: 12.685 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.053 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



Tgt Ion:122 Resp: 48604
Ion Ratio Lower Upper
122 100
105 144.1 101.0 141.0#
77 137.7 74.5 114.5#





#33
4-Chloroaniline
Concen: 3.849 ng
RT: 8.310 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

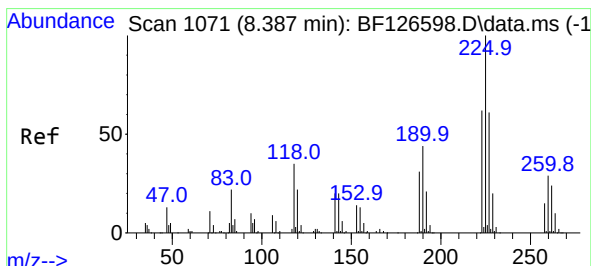
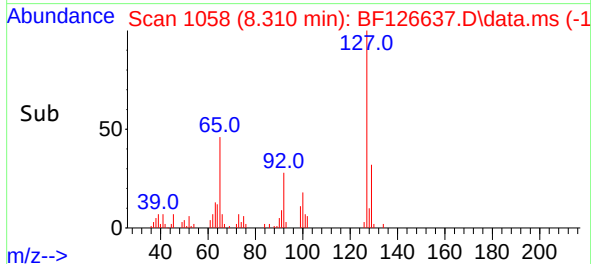
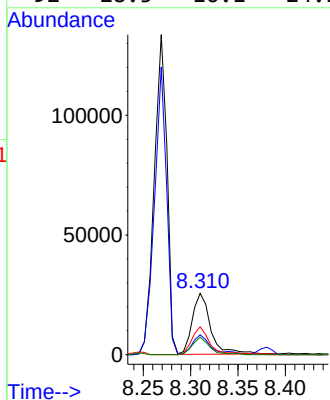
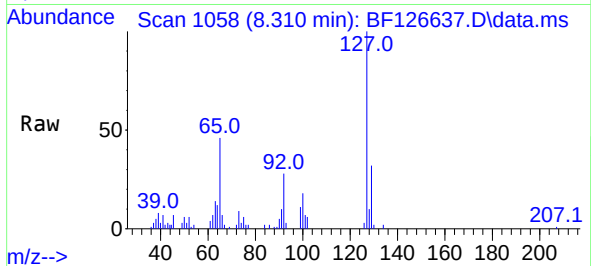
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS

Tgt Ion:127 Resp: 3437

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	45.5	26.6	39.8
92	28.5	16.1	24.1

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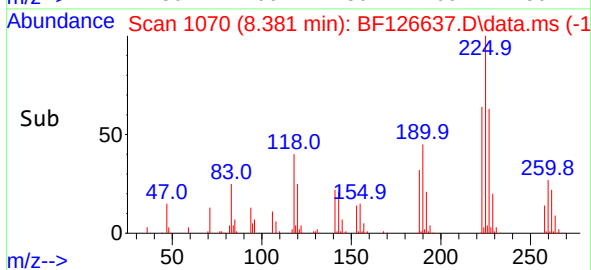
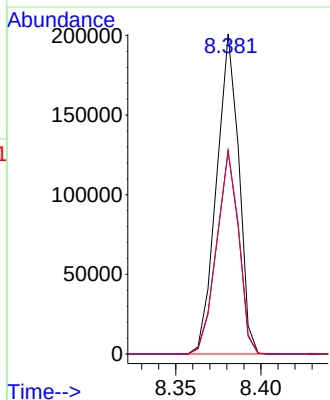
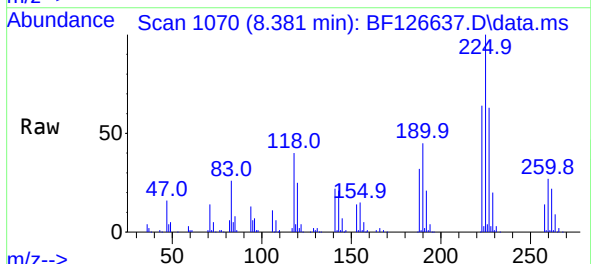
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

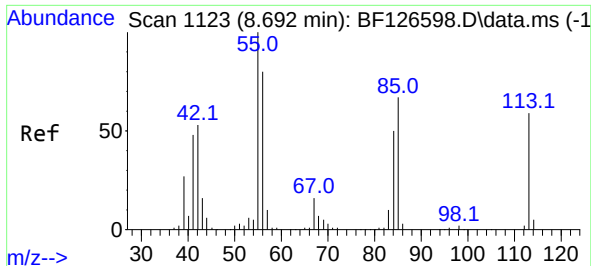


#34
Hexachlorobutadiene
Concen: 41.805 ng
RT: 8.381 min Scan# 1070
Delta R.T. -0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

Tgt Ion:225 Resp: 182720

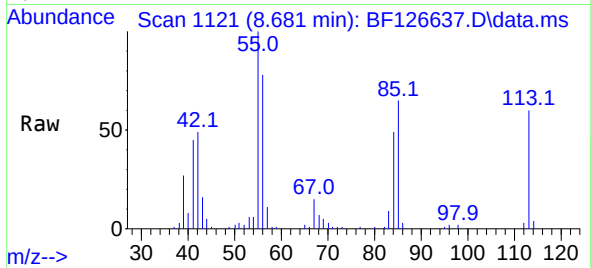
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.6	73.0
227	63.4	51.4	77.0





#35
Caprolactam
Concen: 35.201 ng m
RT: 8.681 min Scan# 1123
Delta R.T. -0.012 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

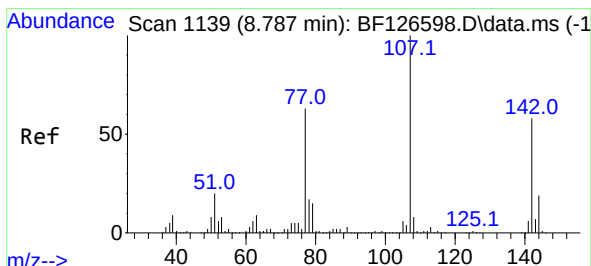
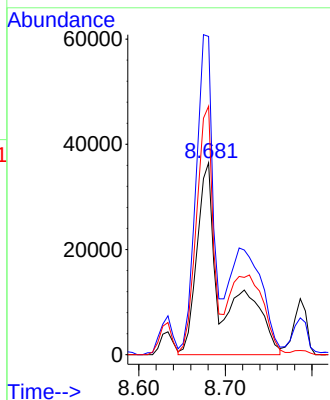
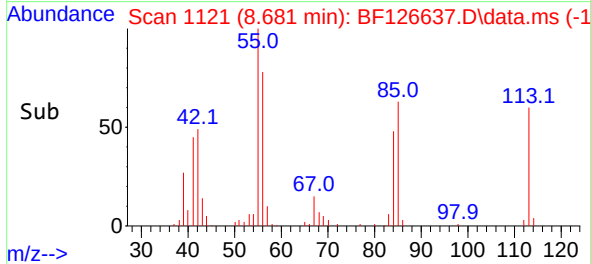
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



Tgt Ion:113 Resp: 8054
Ion Ratio Lower Upper
113 100
55 165.9 183.9 223.9
56 129.6 129.9 169.9

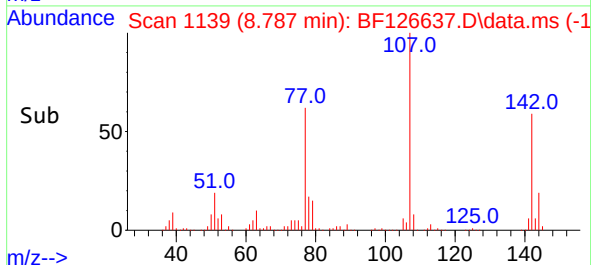
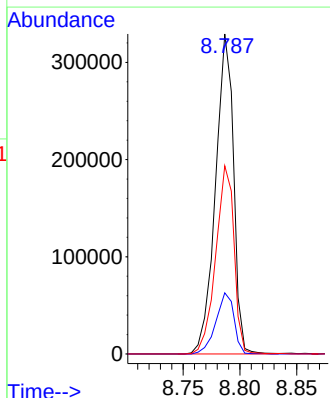
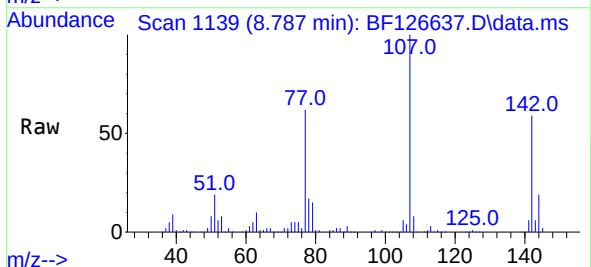
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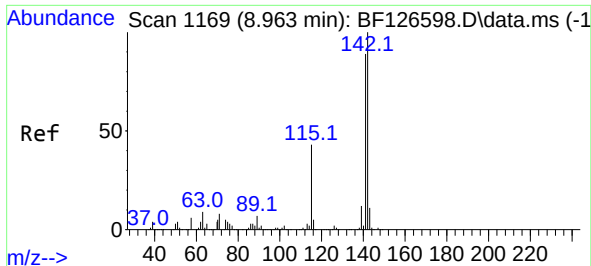
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#36
4-Chloro-3-methylphenol
Concen: 43.651 ng
RT: 8.787 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

Tgt Ion:107 Resp: 365751
Ion Ratio Lower Upper
107 100
144 19.1 18.5 27.7
142 58.8 58.1 87.1





#37

2-Methylnaphthalene

Concen: 44.948 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF126637.D

Acq: 24 Jan 2022 14:30

Instrument :

BNA_F

ClientSampleId :

EAST-BOILER-PIT-WASTE-CLASSMS

Tgt Ion:142 Resp: 62474

Ion Ratio Lower Upper

142 100

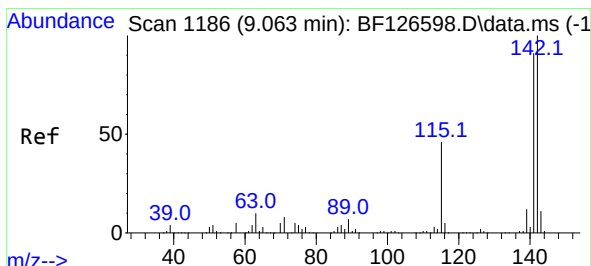
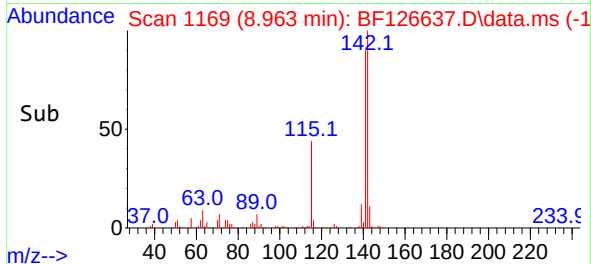
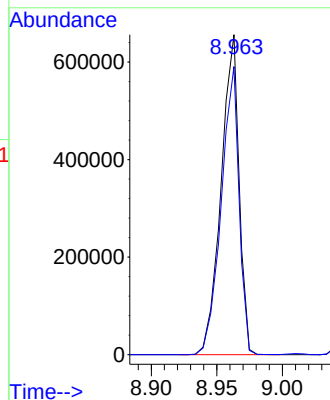
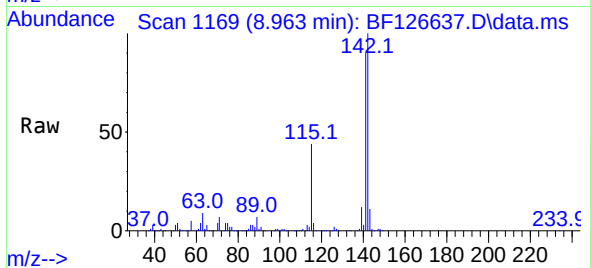
141 90.0 68.6 102.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/25/2022

Supervised By :Jagrut Upadhyay 01/25/2022



#38

1-Methylnaphthalene

Concen: 43.027 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF126637.D

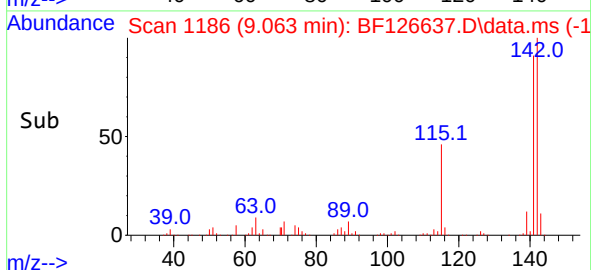
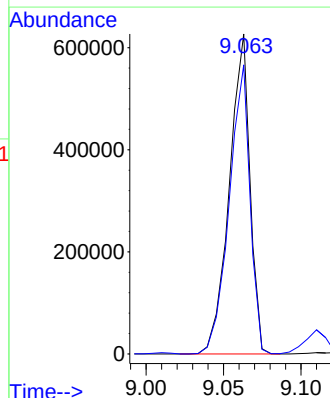
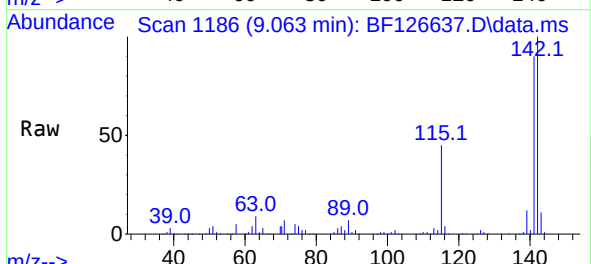
Acq: 24 Jan 2022 14:30

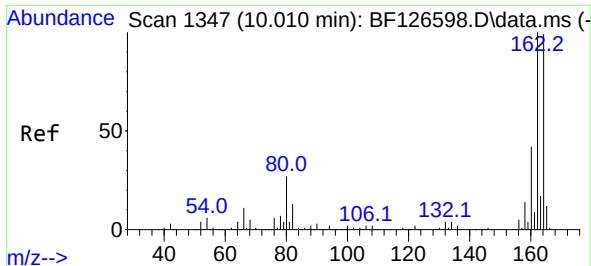
Tgt Ion:142 Resp: 579662

Ion Ratio Lower Upper

142 100

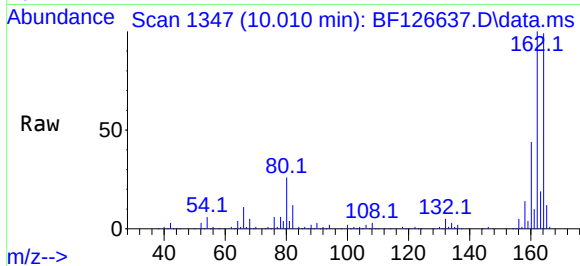
141 90.4 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

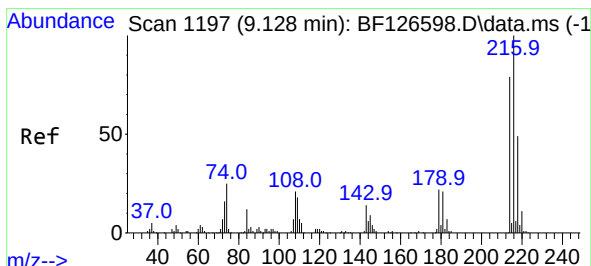
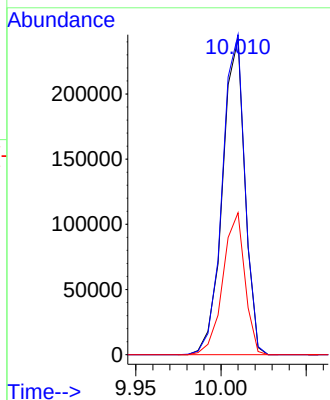
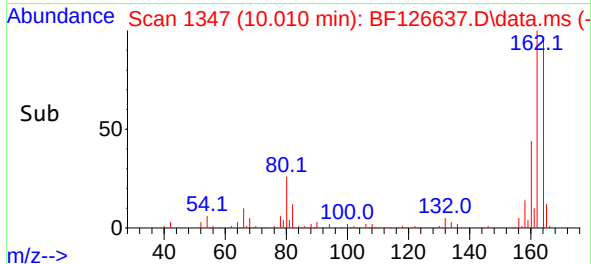
Instrument : BNA_F
ClientSampleId : EAST-BOILER-PIT-WASTE-CLASSMS



Tgt Ion:164 Resp: 221688
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 44.9 36.6 54.8

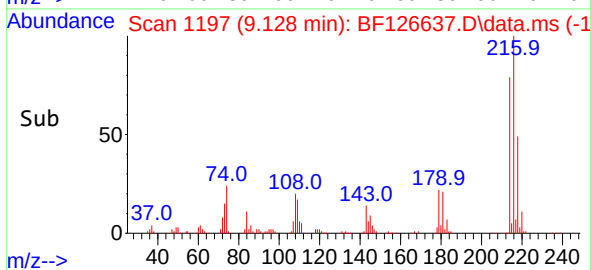
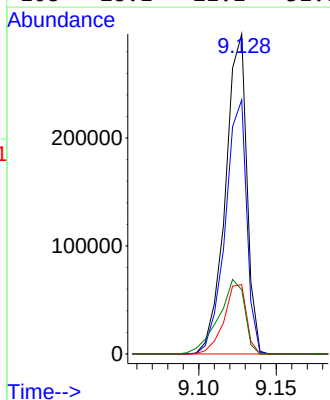
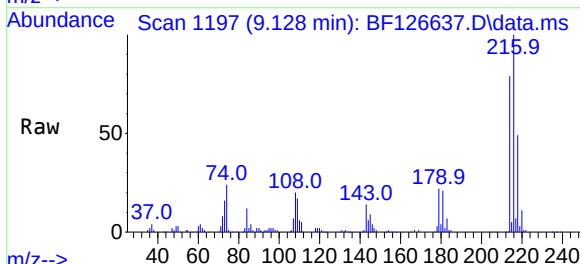
Manual Integrations
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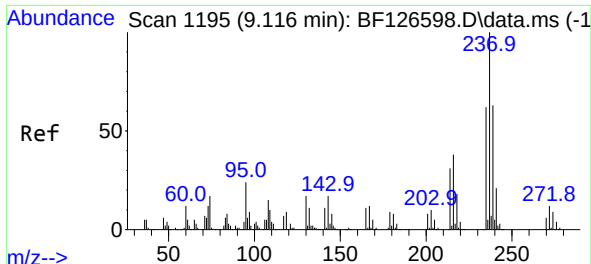
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.849 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

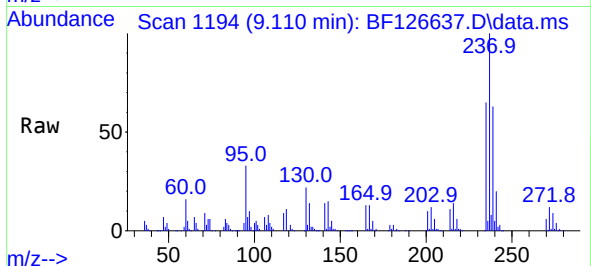
Tgt Ion:216 Resp: 285089
Ion Ratio Lower Upper
216 100
214 79.0 64.6 96.8
179 22.7 19.5 29.3
108 28.1 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 91.144 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

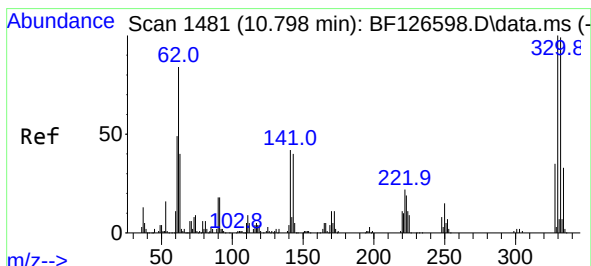
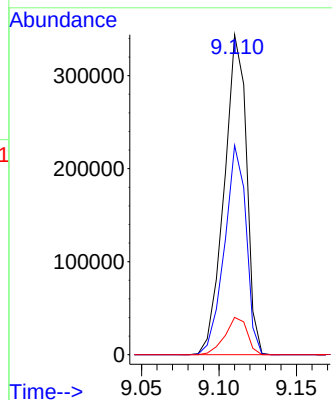
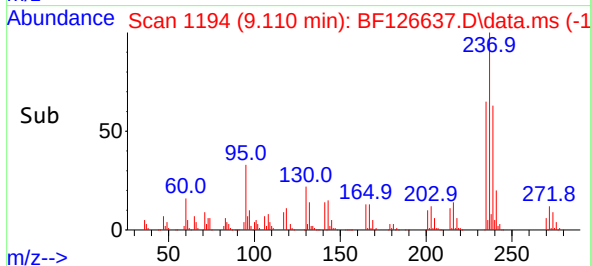
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



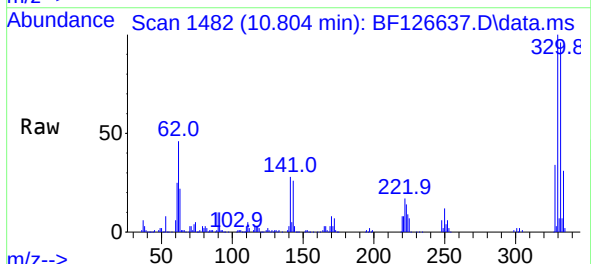
Tgt Ion:237 Resp: 34505
Ion Ratio Lower Upper
237 100
235 65.4 38.9 78.9
272 11.7 0.0 33.5

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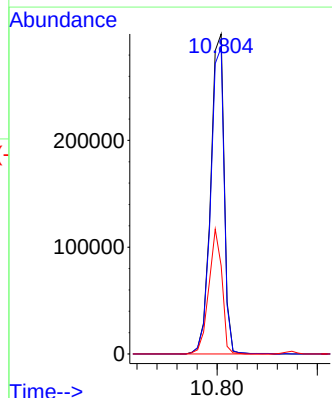
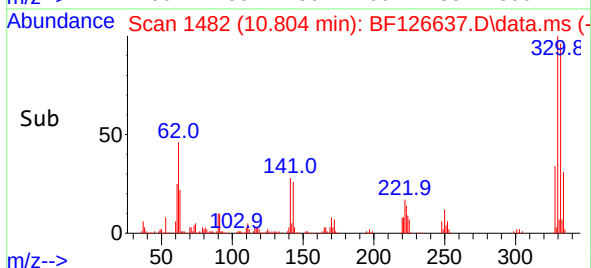
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

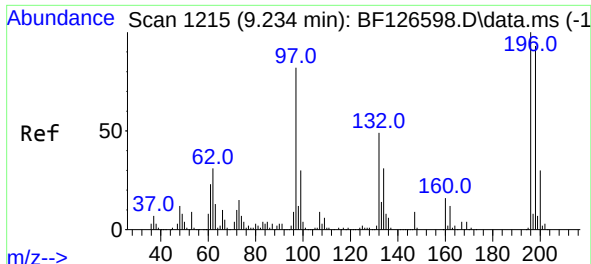


#42
2,4,6-Tribromophenol
Concen: 135.534 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



Tgt Ion:330 Resp: 281186
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 37.9 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 44.602 ng

RT: 9.234 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF126637.D

Acq: 24 Jan 2022 14:30

Instrument :

BNA_F

ClientSampleId :

EAST-BOILER-PIT-WASTE-CLASSMS

Tgt Ion:196 Resp: 197700

Ion Ratio Lower Upper

196 100

198 95.9 78.5 117.7

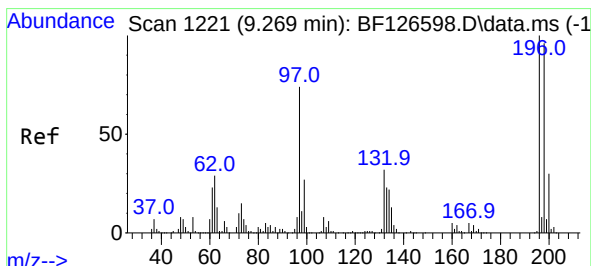
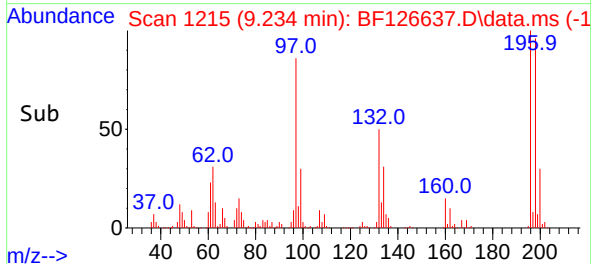
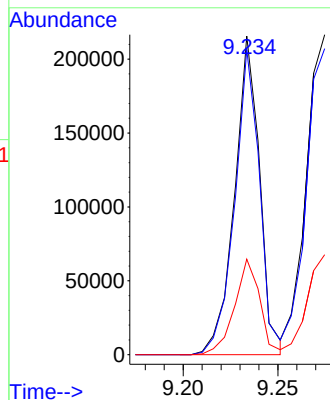
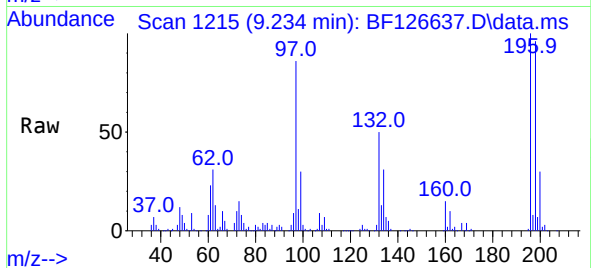
200 30.0 24.9 37.3

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: 44.185 ng

RT: 9.275 min Scan# 1222

Delta R.T. 0.006 min

Lab File: BF126637.D

Acq: 24 Jan 2022 14:30

Tgt Ion:196 Resp: 202846

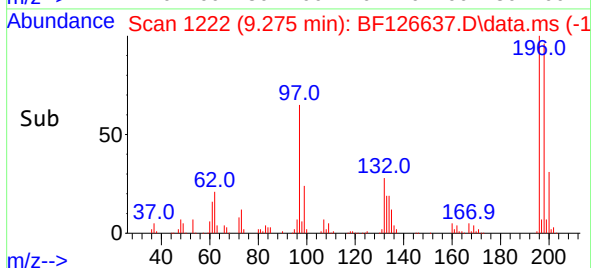
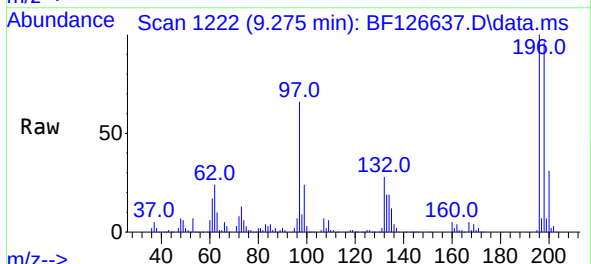
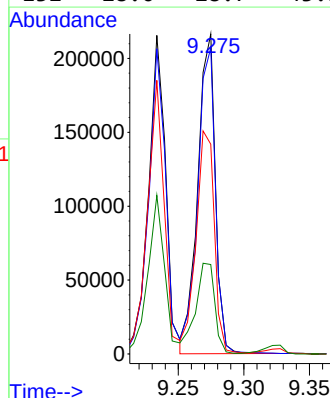
Ion Ratio Lower Upper

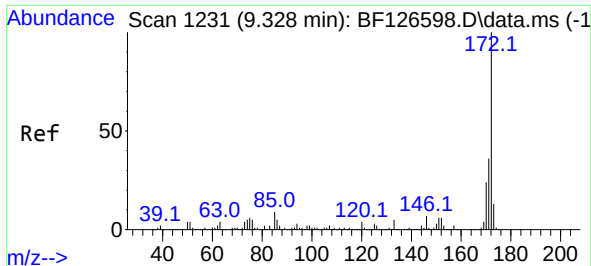
196 100

198 95.7 82.0 123.0

97 65.5 53.5 80.3

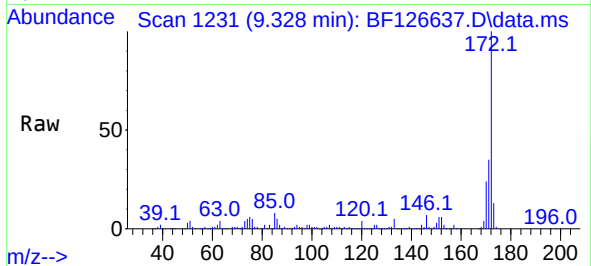
132 28.0 28.7 43.1#





#45
2-Fluorobiphenyl
Concen: 84.312 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

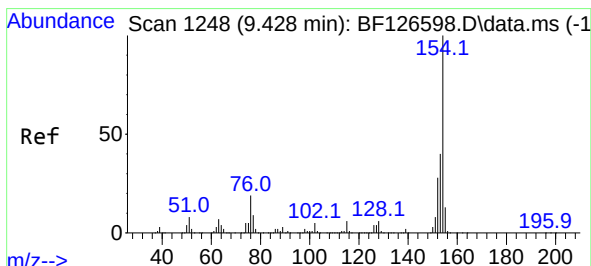
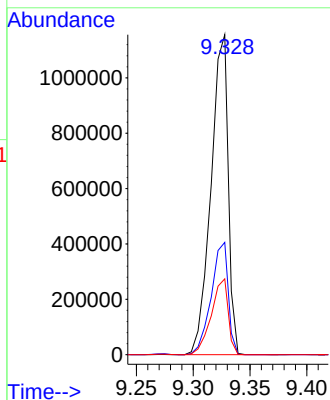
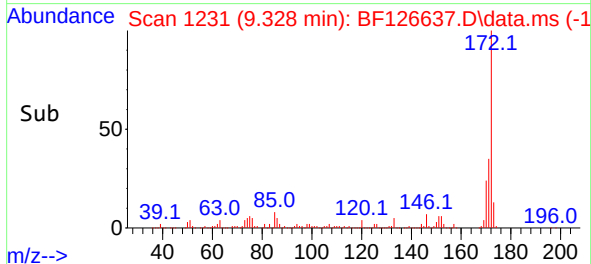
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



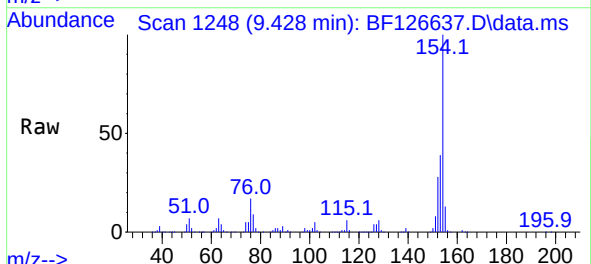
Tgt Ion:172 Resp: 1220439
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.7 19.0 28.6

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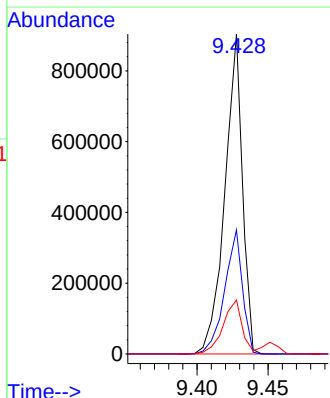
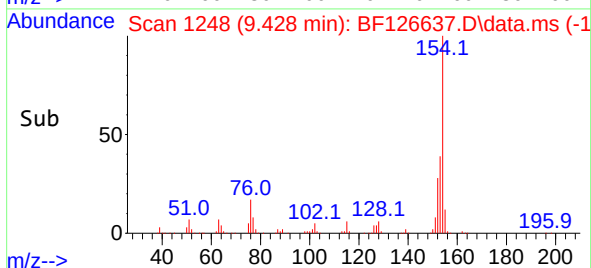
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

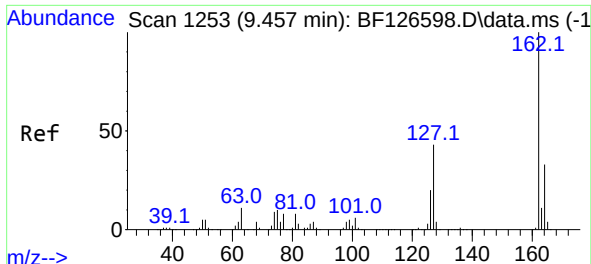


#46
1,1'-Biphenyl
Concen: 46.376 ng
RT: 9.428 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



Tgt Ion:154 Resp: 774548
Ion Ratio Lower Upper
154 100
153 38.7 19.0 59.0
76 16.9 0.0 34.5





#47

2-Chloronaphthalene

Concen: 45.015 ng

RT: 9.451 min Scan# 1253

Delta R.T. -0.006 min

Lab File: BF126637.D

Acq: 24 Jan 2022 14:30

Instrument :

BNA_F

ClientSampleId :

EAST-BOILER-PIT-WASTE-CLASSMS

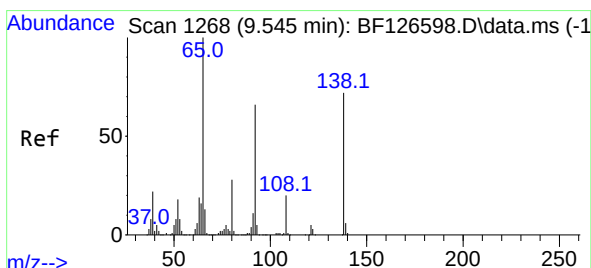
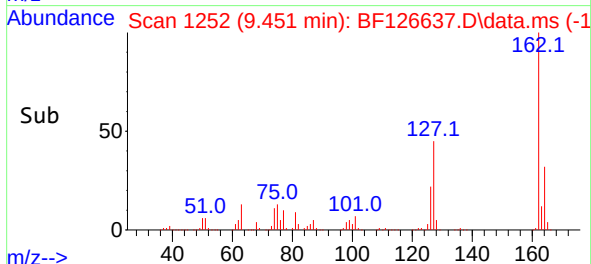
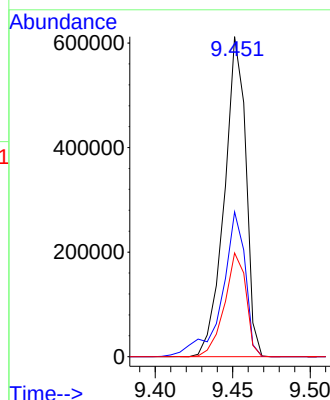
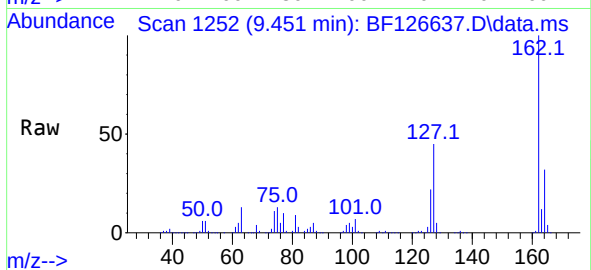
Tgt Ion:162 Resp: 59066

Ion	Ratio	Lower	Upper
162	100		
127	45.2	33.5	50.3
164	32.4	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: 57.290 ng

RT: 9.545 min Scan# 1268

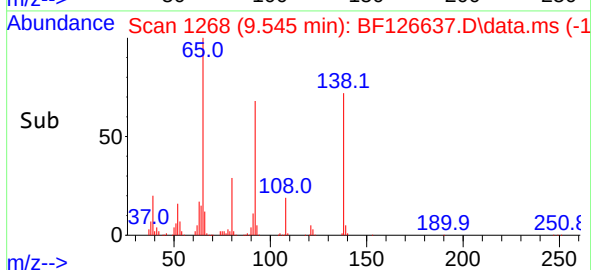
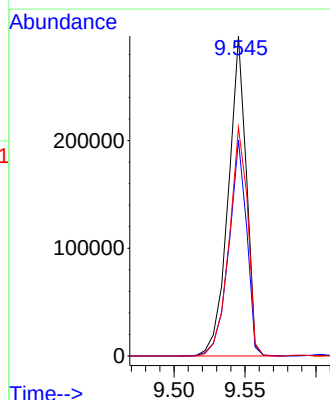
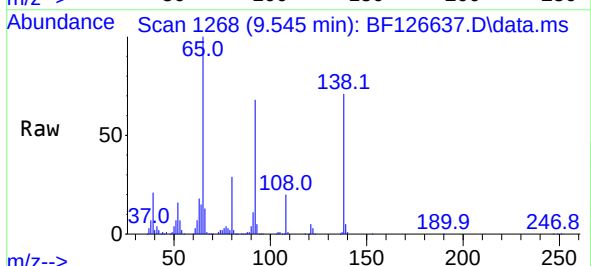
Delta R.T. 0.000 min

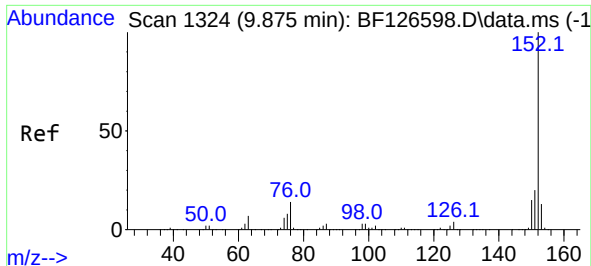
Lab File: BF126637.D

Acq: 24 Jan 2022 14:30

Tgt Ion: 65 Resp: 259554

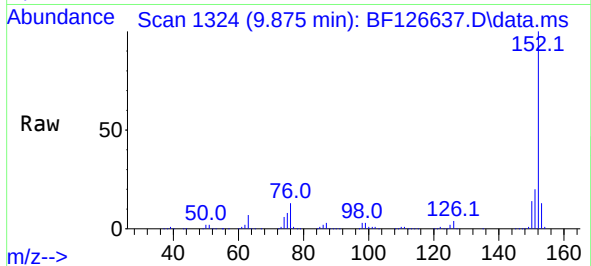
Ion	Ratio	Lower	Upper
65	100		
92	67.5	54.4	81.6
138	71.4	72.5	108.7





#49
Acenaphthylene
Concen: 45.576 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

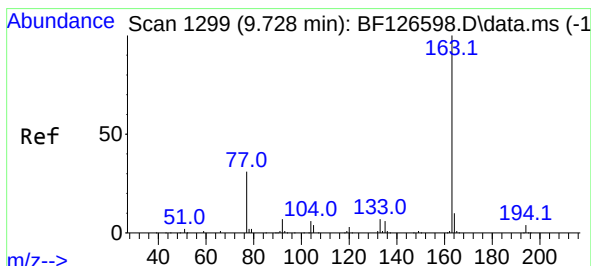
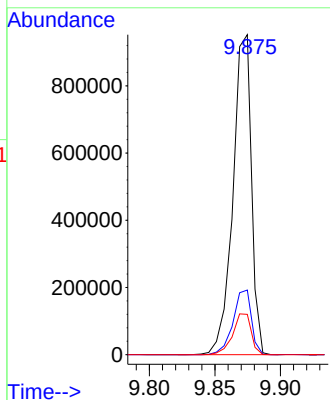
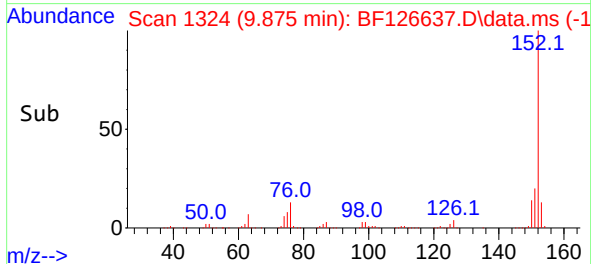
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



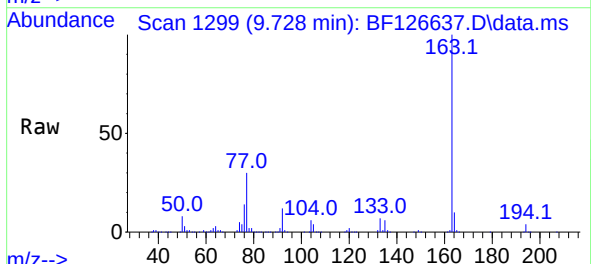
Tgt Ion:152 Resp: 93810
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 12.6 11.4 17.0

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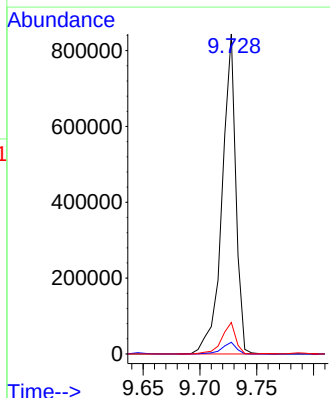
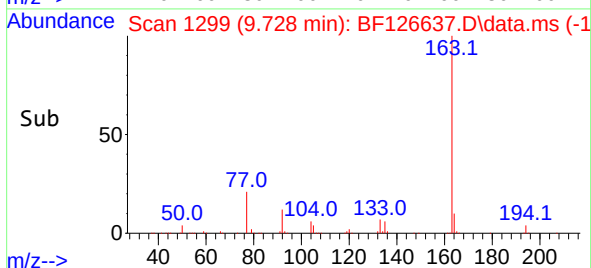
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

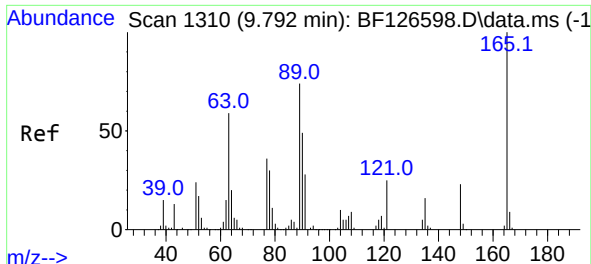


#50
Dimethylphthalate
Concen: 45.377 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



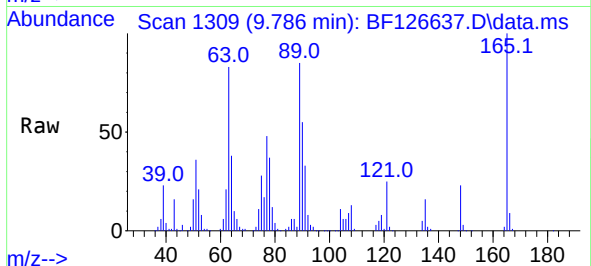
Tgt Ion:163 Resp: 713484
Ion Ratio Lower Upper
163 100
194 3.6 2.6 3.8
164 9.9 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 55.740 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

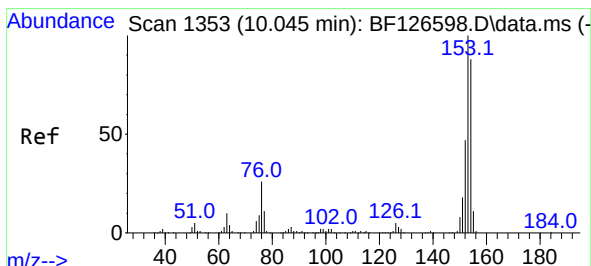
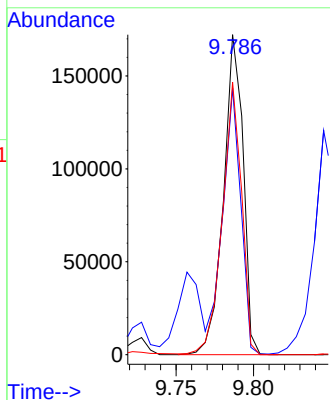
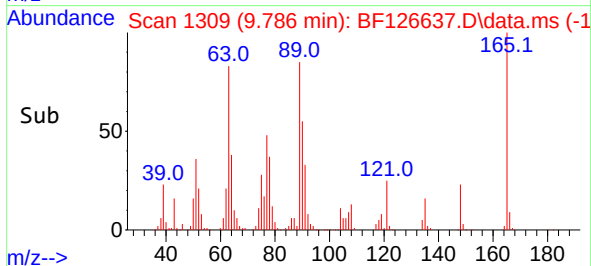
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



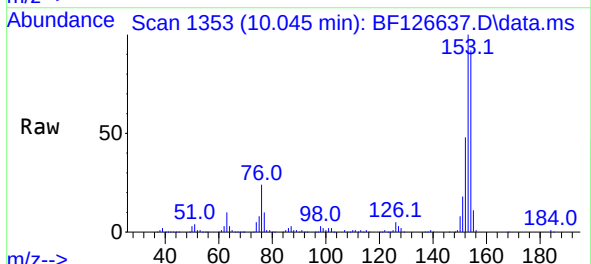
Tgt Ion:165 Resp: 151449
Ion Ratio Lower Upper
165 100
63 83.3 48.4 72.6
89 85.2 50.5 75.7

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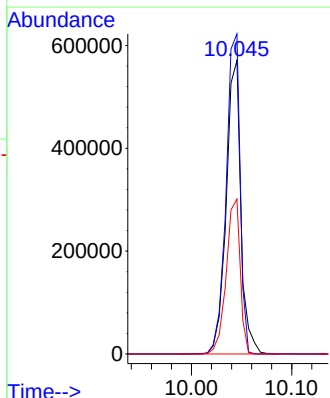
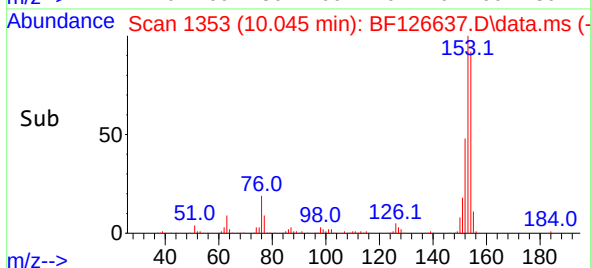
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

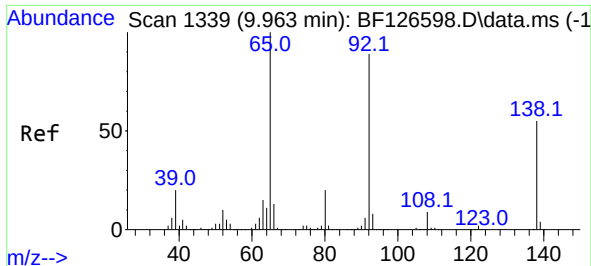


#52
Acenaphthene
Concen: 46.047 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



Tgt Ion:154 Resp: 579436
Ion Ratio Lower Upper
154 100
153 109.0 87.8 131.6
152 52.8 39.4 59.2





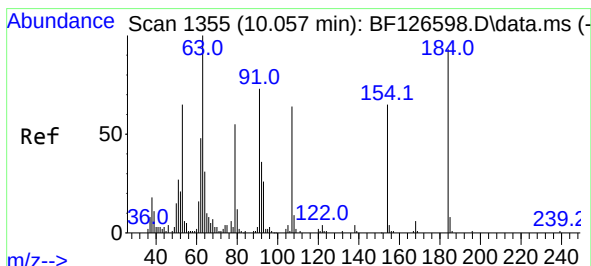
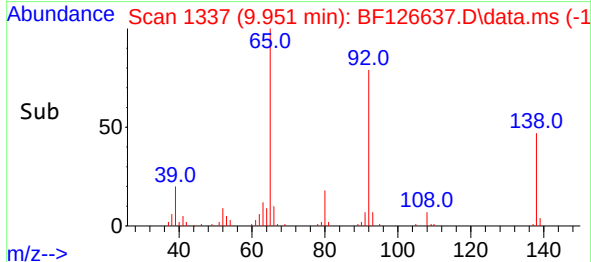
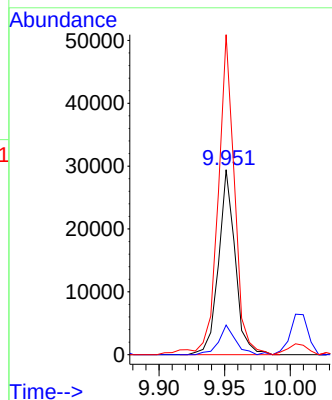
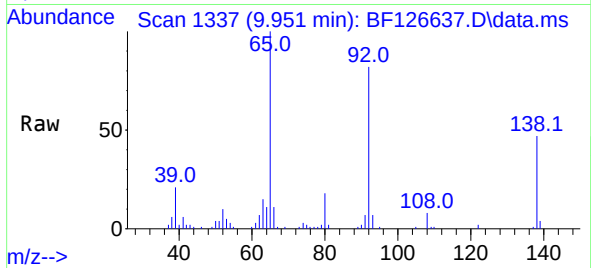
#53
3-Nitroaniline
Concen: 8.307 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

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

Tgt Ion:138 Resp: 25804
Ion Ratio Lower Upper
138 100
108 16.0 8.6 13.0
92 173.0 105.0 157.6

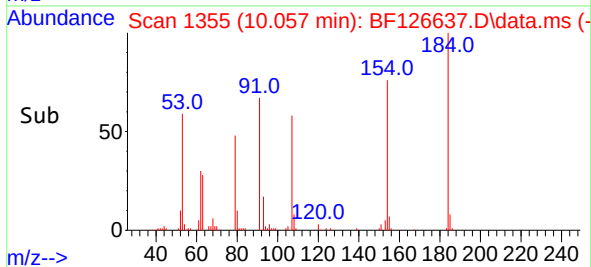
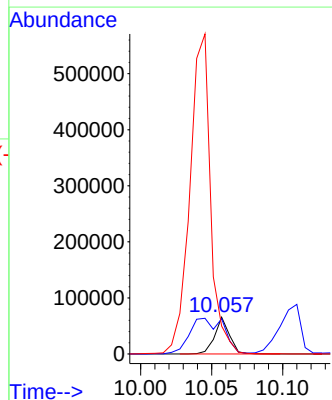
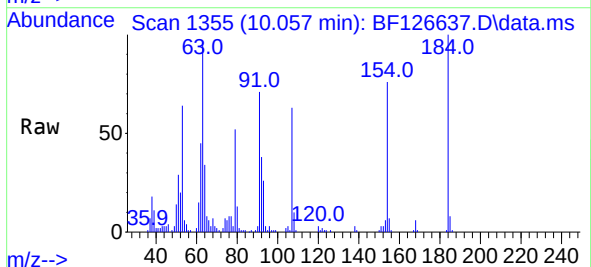
Manual Integrations
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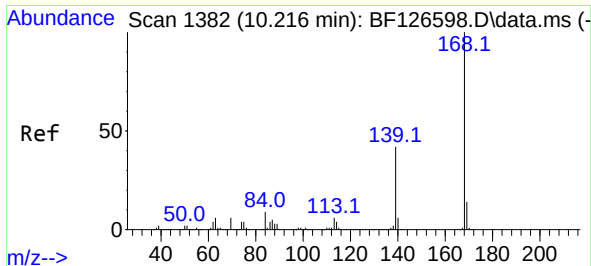
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#54
2,4-Dinitrophenol
Concen: 45.172 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

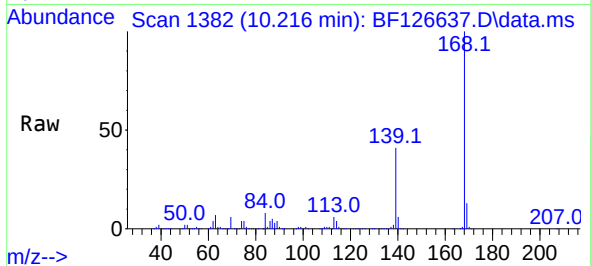
Tgt Ion:184 Resp: 47316
Ion Ratio Lower Upper
184 100
63 96.0 70.4 105.6
154 75.6 49.7 74.5





#55
Dibenzofuran
Concen: 43.818 ng
RT: 10.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

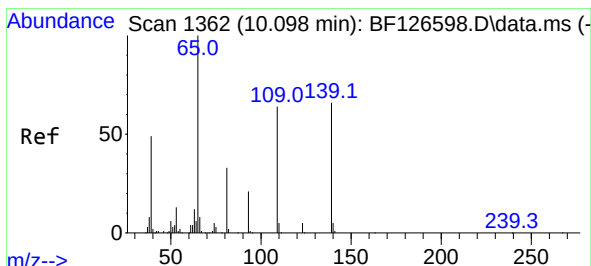
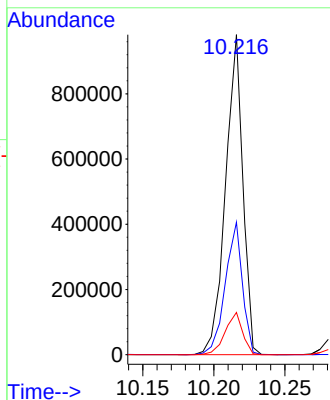
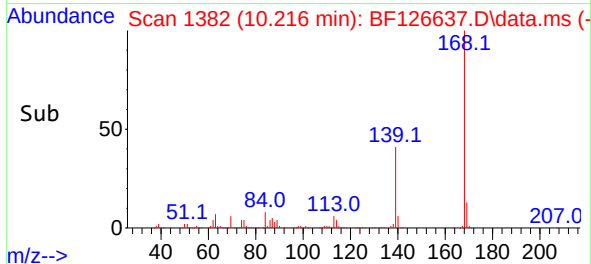
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



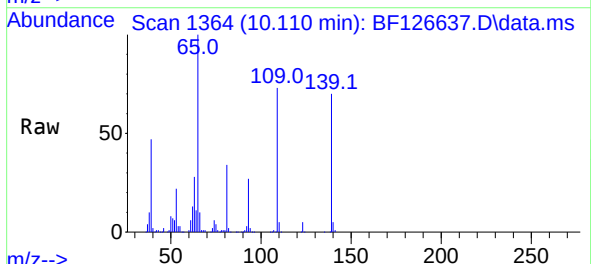
Tgt Ion:168 Resp: 828620
Ion Ratio Lower Upper
168 100
139 41.4 30.6 46.0
169 13.2 10.0 15.0

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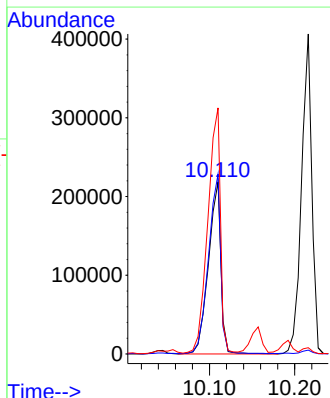
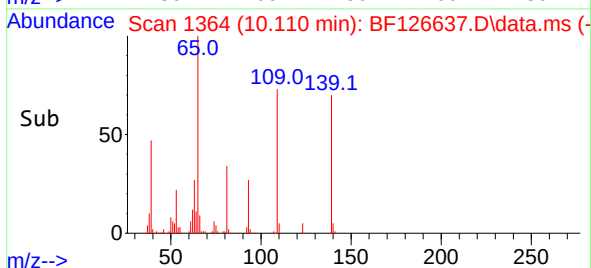
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

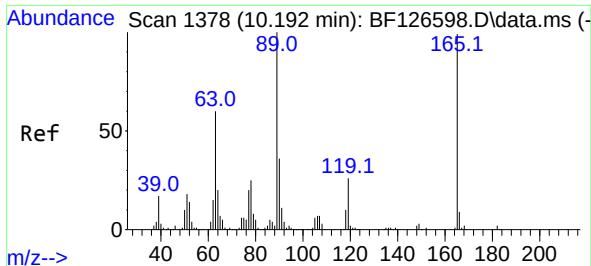


#56
4-Nitrophenol
Concen: 89.389 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



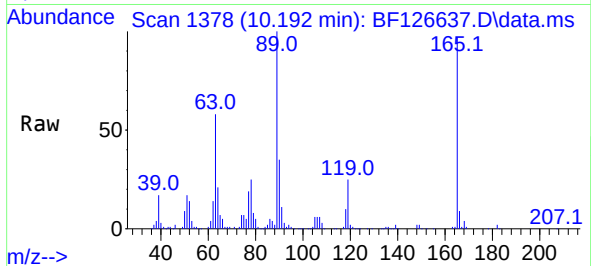
Tgt Ion:139 Resp: 221115
Ion Ratio Lower Upper
139 100
109 104.7 44.1 84.1#
65 143.2 85.5 125.5#





#57
2,4-Dinitrotoluene
Concen: 62.691 ng
RT: 10.192 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

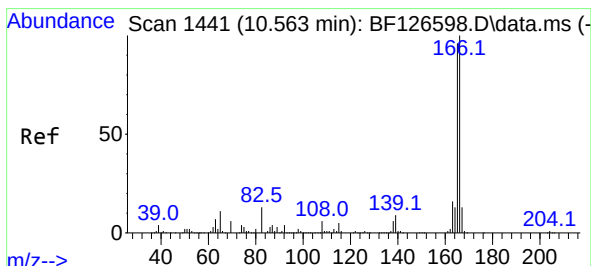
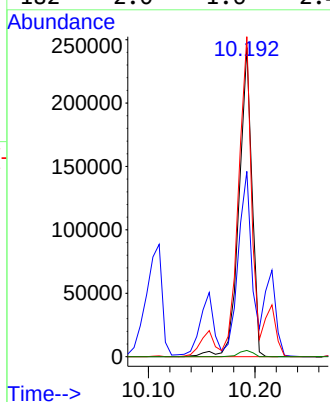
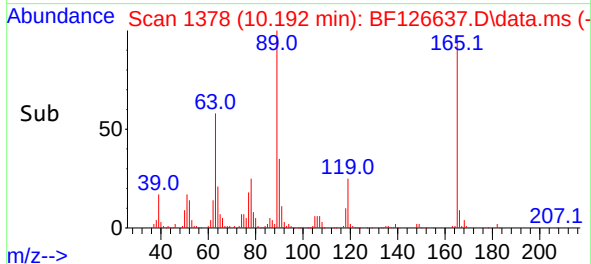
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



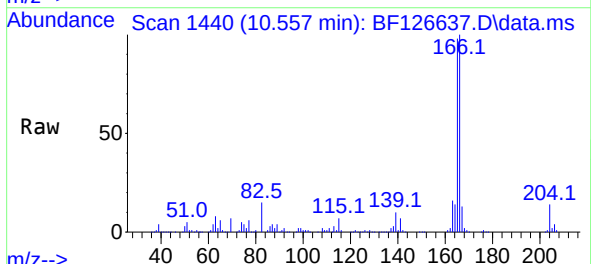
Tgt Ion:165 Resp: 206404
Ion Ratio Lower Upper
165 100
63 59.9 43.0 64.6
89 103.5 71.0 106.4
182 2.0 1.6 2.4

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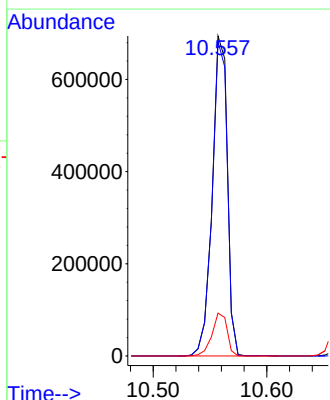
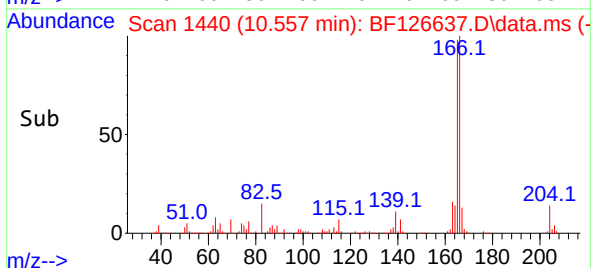
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

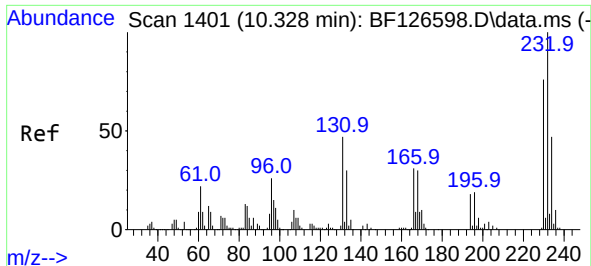


#58
Fluorene
Concen: 45.017 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



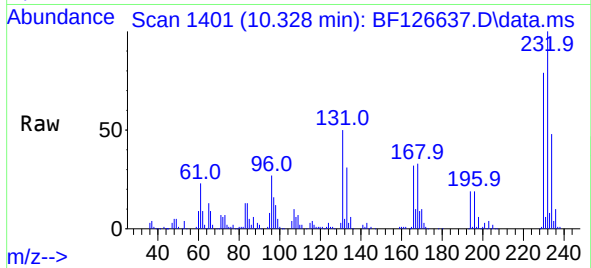
Tgt Ion:166 Resp: 642745
Ion Ratio Lower Upper
166 100
165 98.2 77.7 116.5
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.897 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

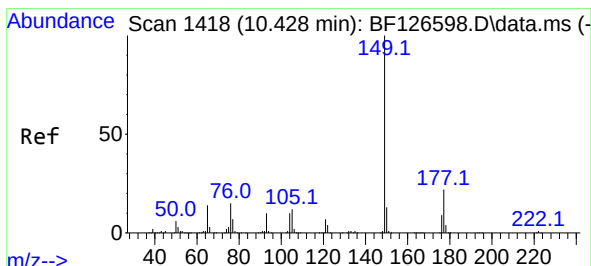
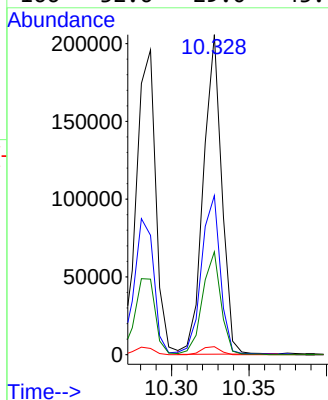
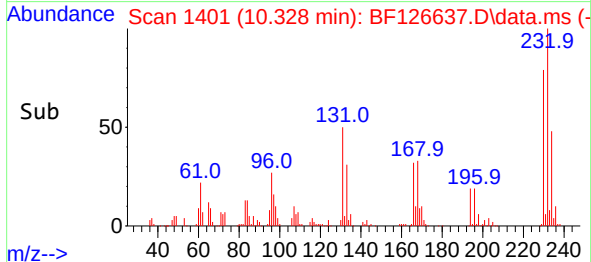
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



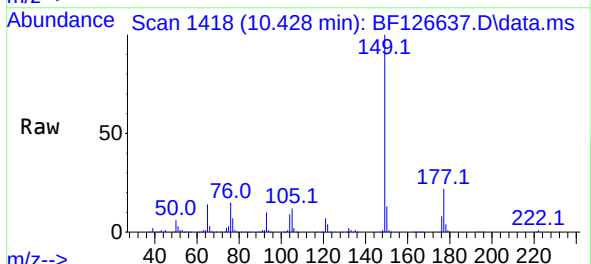
Tgt Ion:232 Resp: 168512
Ion Ratio Lower Upper
232 100
131 52.2 50.0 75.0
130 2.6 2.2 3.2
166 32.6 29.0 43.4

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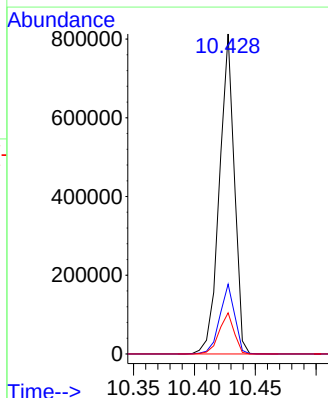
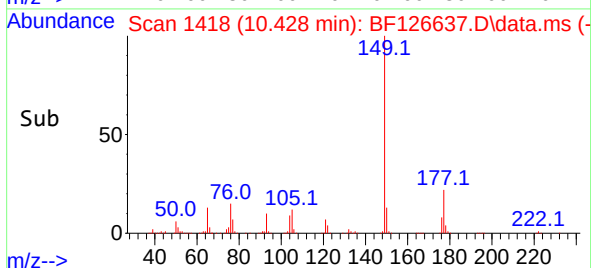
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

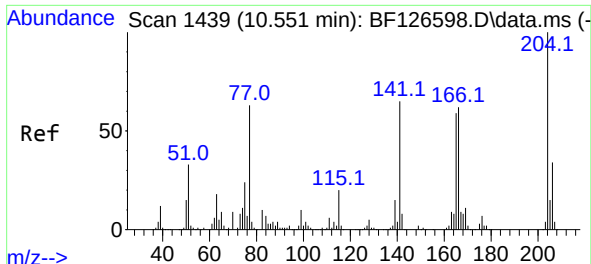


#60
Diethylphthalate
Concen: 44.516 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



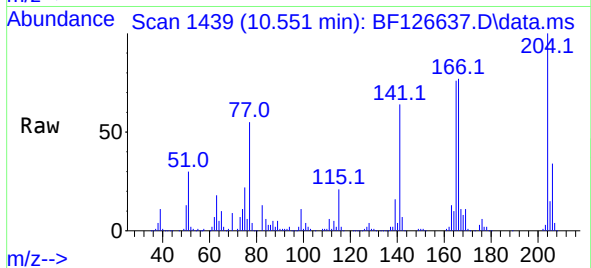
Tgt Ion:149 Resp: 695769
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.8 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 43.719 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

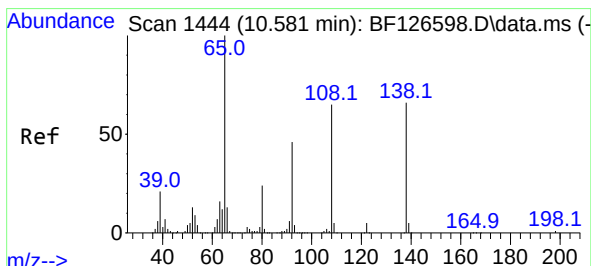
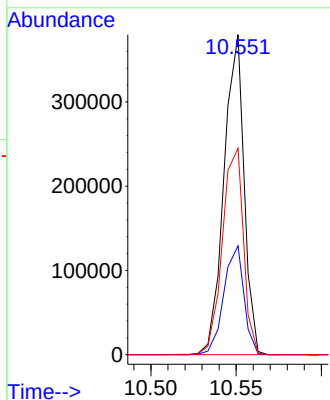
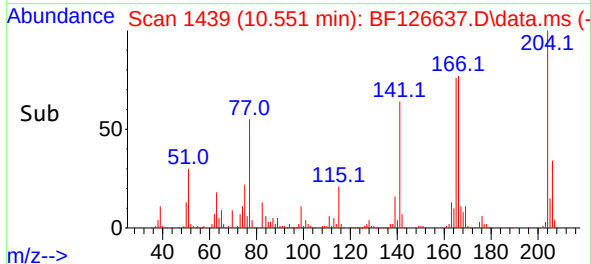
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



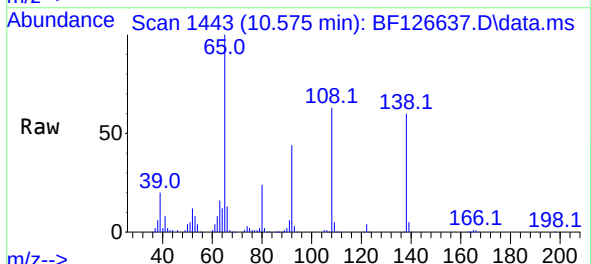
Tgt Ion:204 Resp: 311740
Ion Ratio Lower Upper
204 100
206 34.0 26.3 39.5
141 64.5 59.0 88.6

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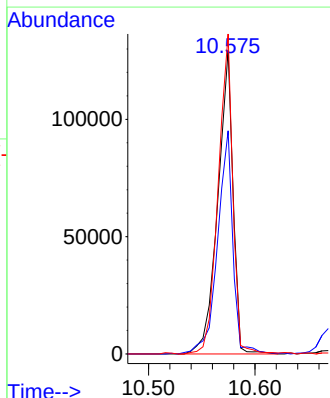
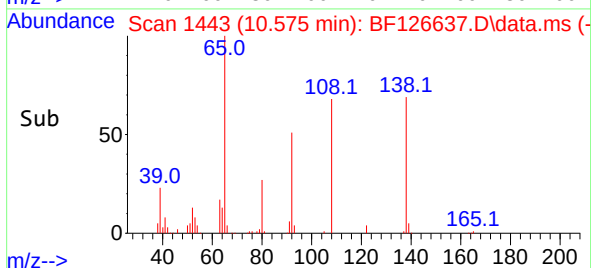
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

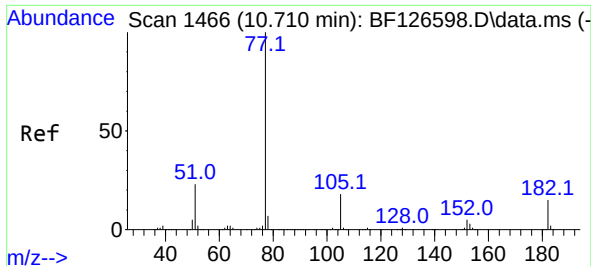


#62
4-Nitroaniline
Concen: 42.530 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



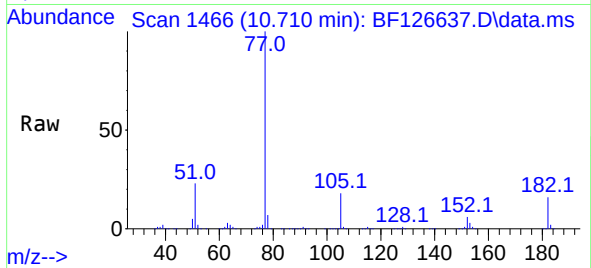
Tgt Ion:138 Resp: 128220
Ion Ratio Lower Upper
138 100
92 73.6 36.2 76.2
108 105.5 46.7 86.7#





#63
Azobenzene
Concen: 43.738 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

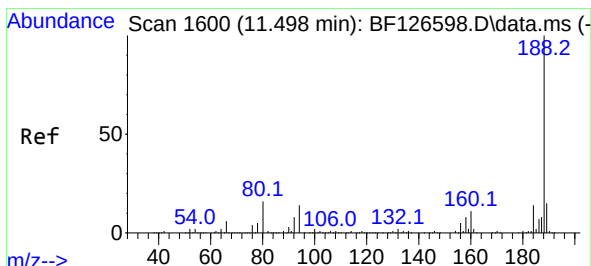
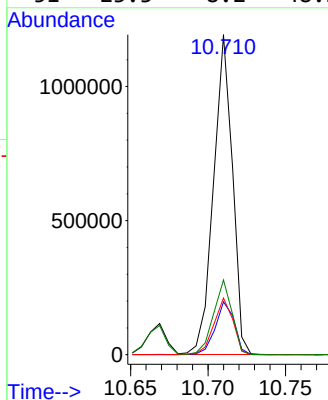
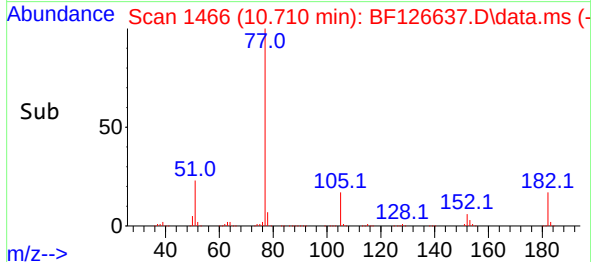
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



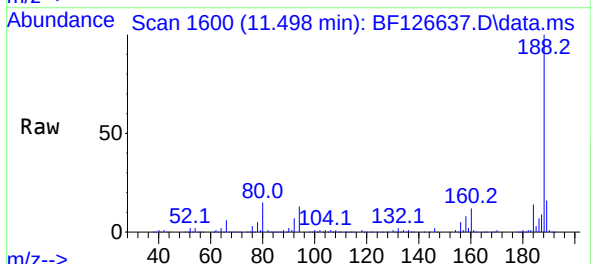
Tgt Ion: 77 Resp: 1011689
Ion Ratio Lower Upper
77 100
182 16.5 0.0 39.0
105 17.7 3.2 43.2
51 23.3 8.2 48.2

Manual Integrations
APPROVED

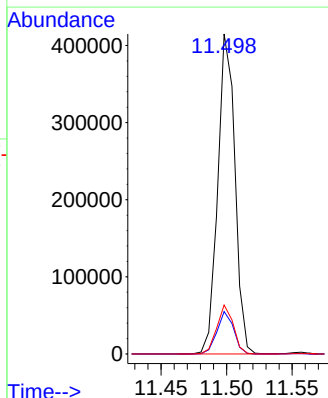
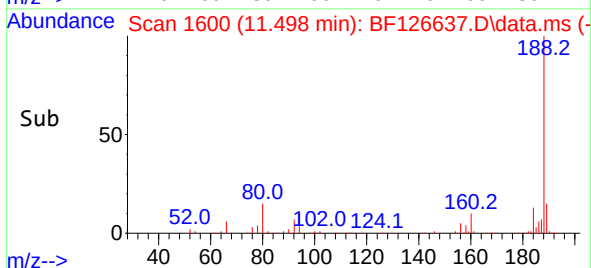
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

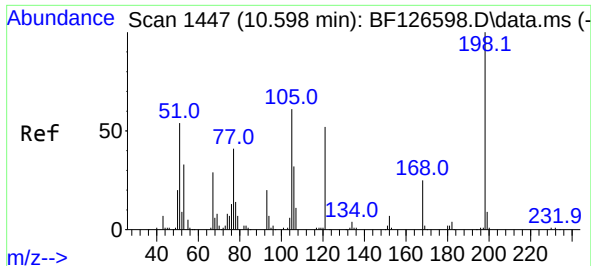


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



Tgt Ion:188 Resp: 377758
Ion Ratio Lower Upper
188 100
94 13.2 10.1 15.1
80 15.3 11.8 17.6





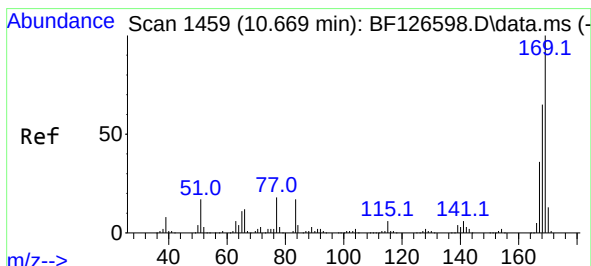
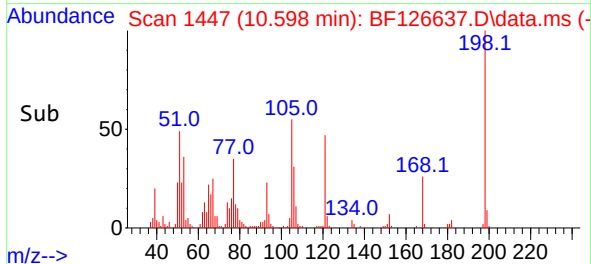
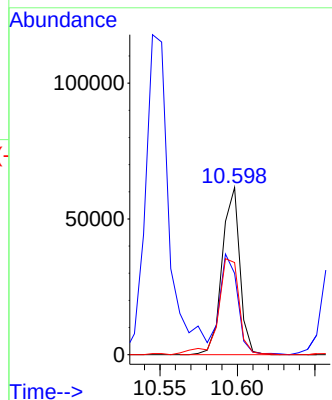
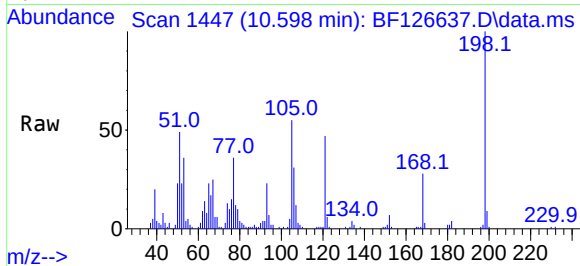
#65
4,6-Dinitro-2-methylphenol
Concen: 30.235 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

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

Tgt Ion:198 Resp: 48749
Ion Ratio Lower Upper
198 100
51 48.6 32.0 72.0
105 55.1 32.7 72.7

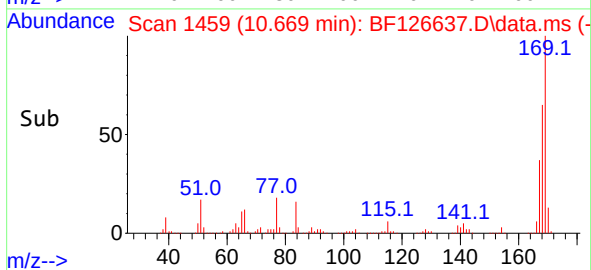
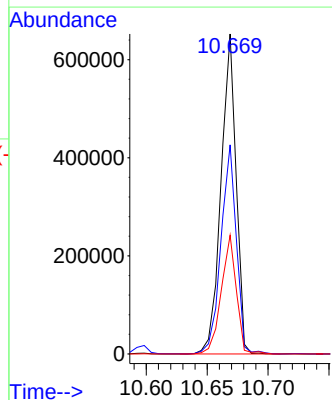
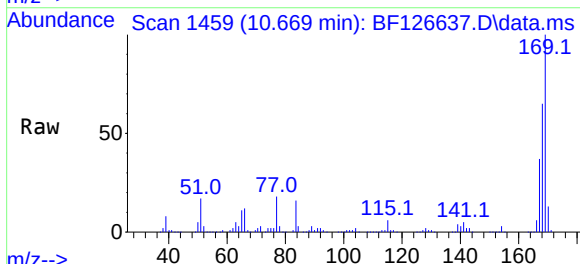
Manual Integrations
APPROVED

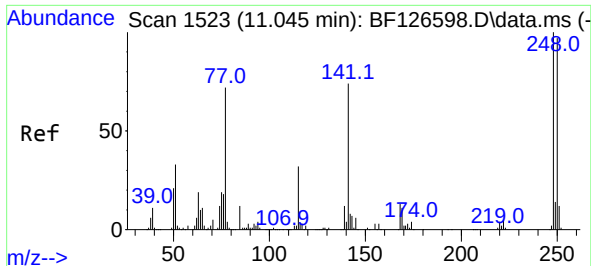
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#66
n-Nitrosodiphenylamine
Concen: 44.276 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

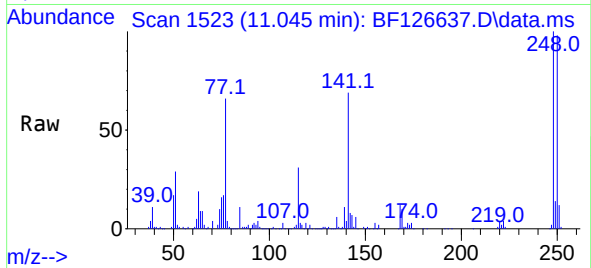
Tgt Ion:169 Resp: 564589
Ion Ratio Lower Upper
169 100
168 65.4 53.4 80.0
167 37.1 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 44.134 ng
RT: 11.045 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

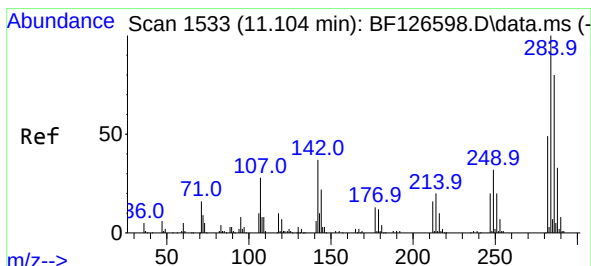
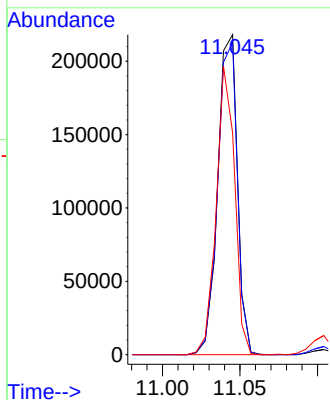
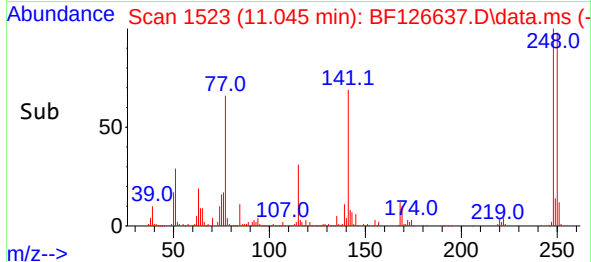
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



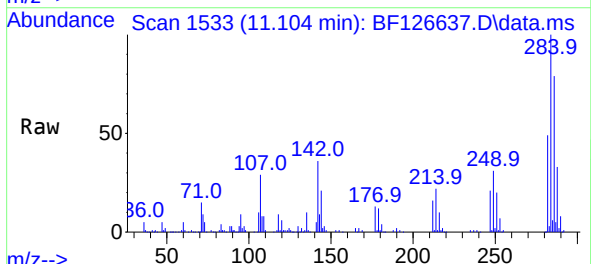
Tgt Ion:248 Resp: 192145
Ion Ratio Lower Upper
248 100
250 97.7 76.2 114.4
141 69.3 66.2 99.4

Manual Integrations
APPROVED

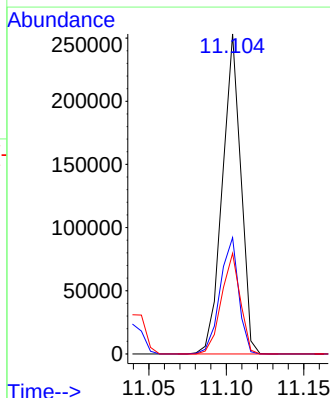
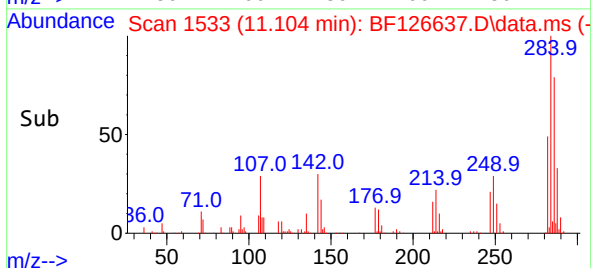
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

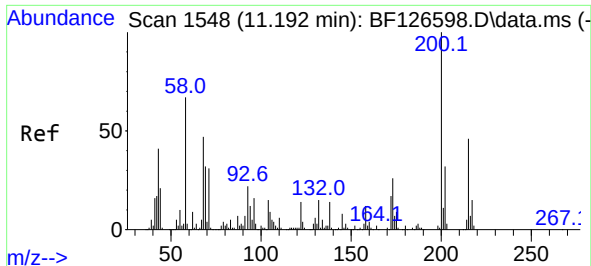


#68
Hexachlorobenzene
Concen: 45.131 ng
RT: 11.104 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



Tgt Ion:284 Resp: 209636
Ion Ratio Lower Upper
284 100
142 36.4 30.7 46.1
249 31.4 21.1 31.7





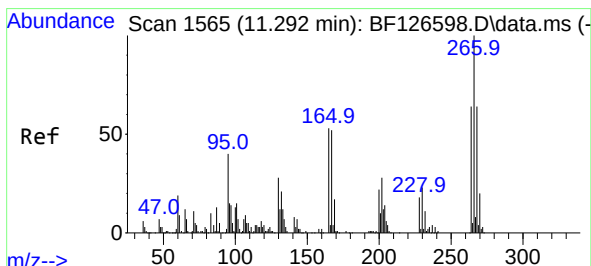
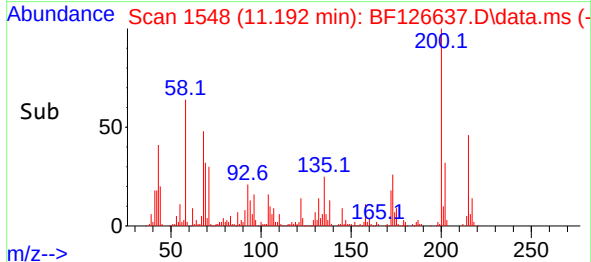
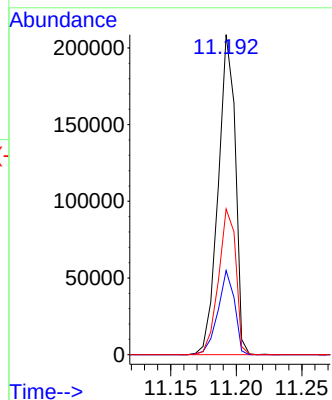
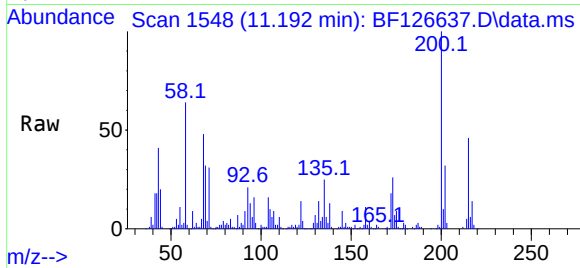
#69
Atrazine
Concen: 46.345 ng
RT: 11.192 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

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

Tgt Ion:200 Resp: 188739
Ion Ratio Lower Upper
200 100
173 26.3 9.2 49.2
215 45.6 23.2 63.2

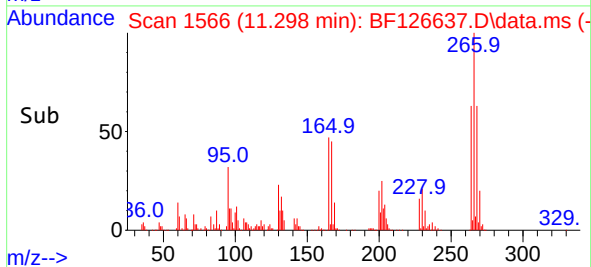
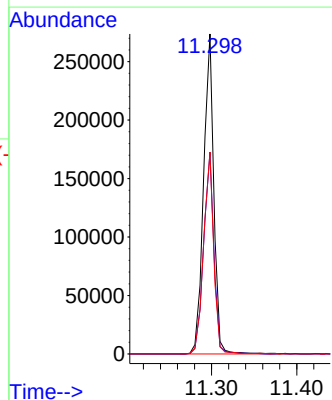
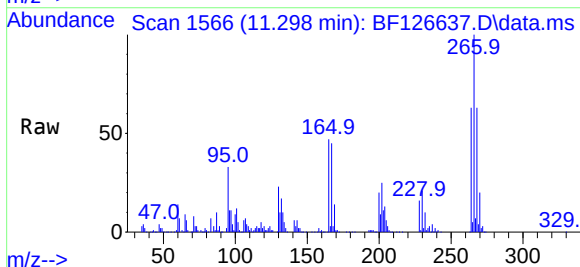
Manual Integrations
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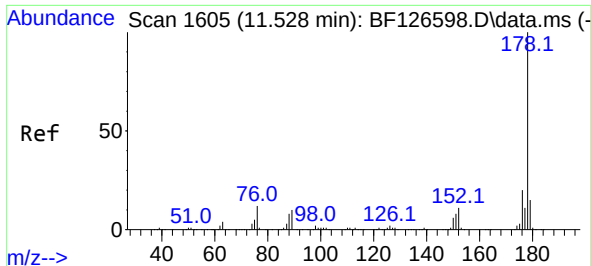
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#70
Pentachlorophenol
Concen: 84.508 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

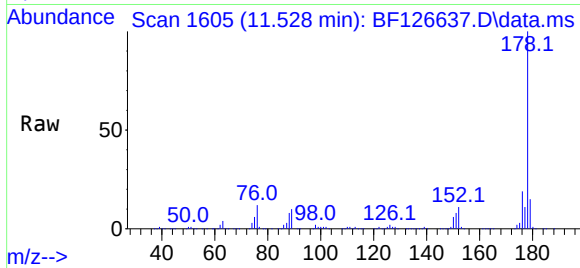
Tgt Ion:266 Resp: 228265
Ion Ratio Lower Upper
266 100
268 63.0 52.3 78.5
264 63.1 50.4 75.6





#71
Phenanthrene
Concen: 44.576 ng
RT: 11.528 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

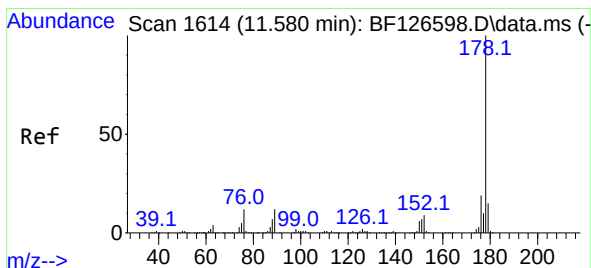
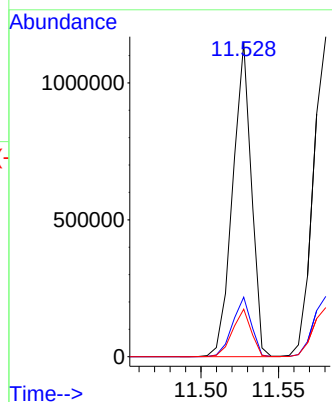
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



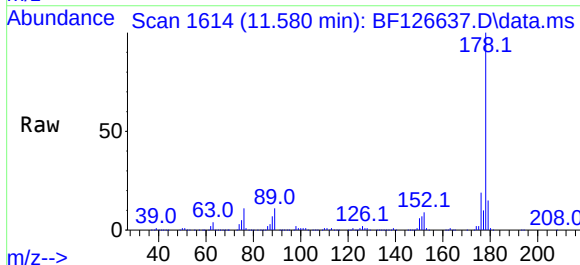
Tgt Ion:178 Resp: 962029
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 15.1 12.3 18.5

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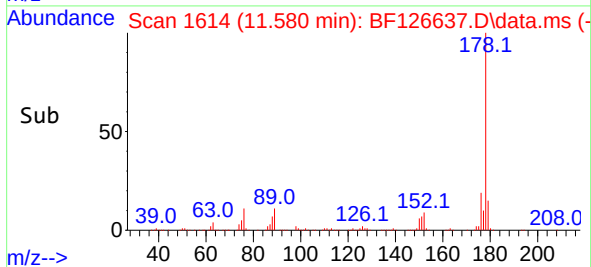
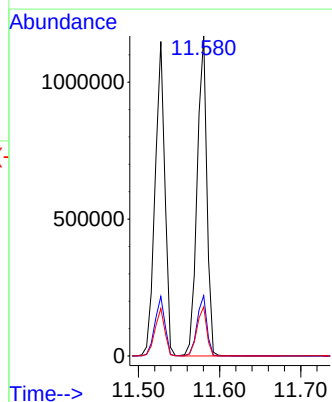
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

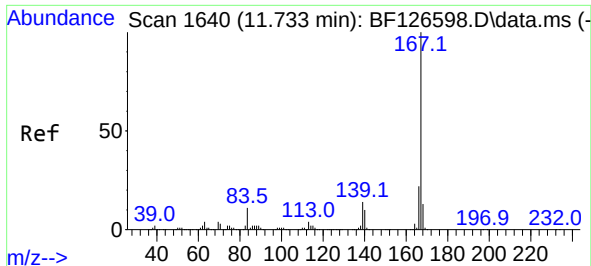


#72
Anthracene
Concen: 45.256 ng
RT: 11.580 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



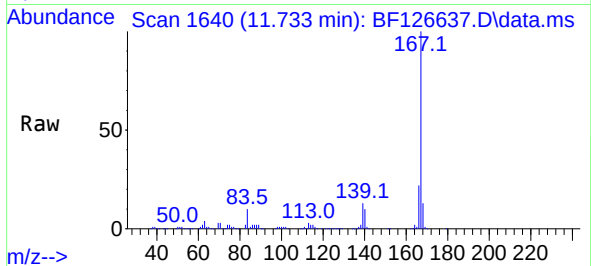
Tgt Ion:178 Resp: 979969
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.4 12.5 18.7





#73
 Carbazole
 Concen: 42.503 ng
 RT: 11.733 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: BF126637.D
 Acq: 24 Jan 2022 14:30

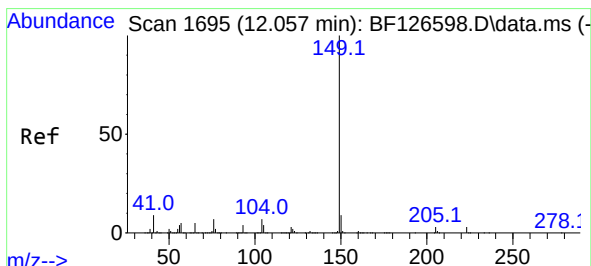
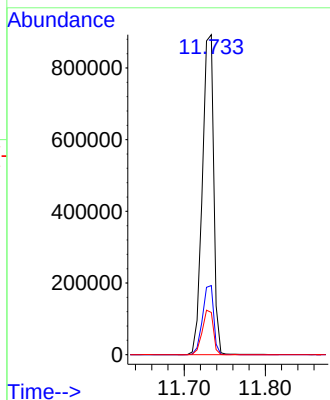
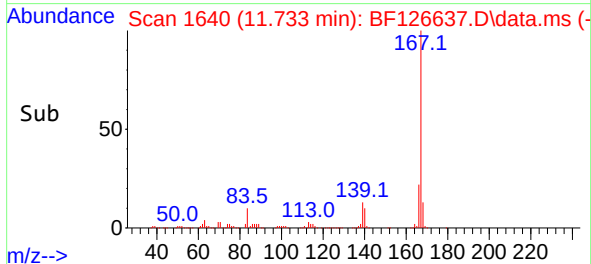
Instrument : BNA_F
 ClientSampleId : EAST-BOILER-PIT-WASTE-CLASSMS



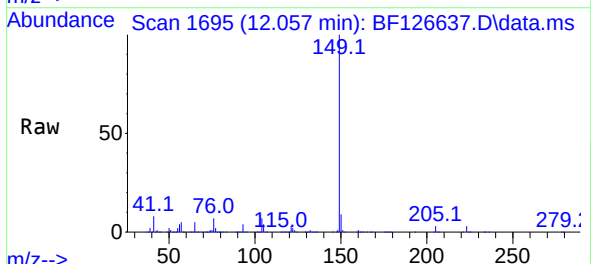
Tgt Ion:167 Resp: 864078
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.9 25.3
 139 13.2 11.3 16.9

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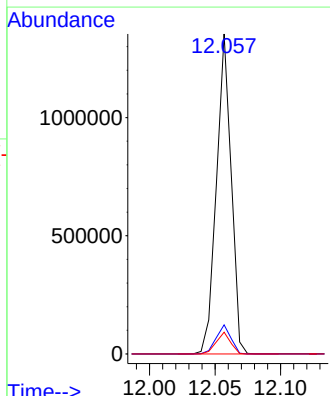
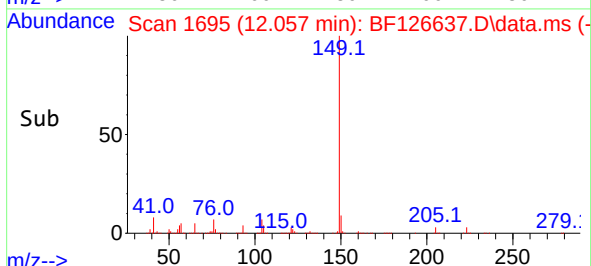
Reviewed By :Christian Giraldo 01/25/2022
 Supervised By :Jagrut Upadhyay 01/25/2022

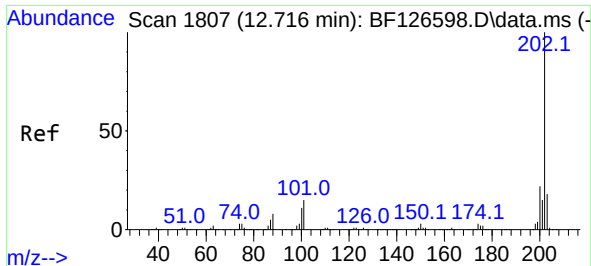


#74
 Di-n-butylphthalate
 Concen: 43.057 ng
 RT: 12.057 min Scan# 1695
 Delta R.T. 0.000 min
 Lab File: BF126637.D
 Acq: 24 Jan 2022 14:30



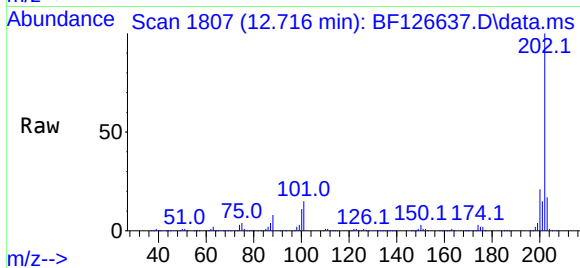
Tgt Ion:149 Resp: 1055548
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 6.8 4.2 6.2#





#75
Fluoranthene
Concen: 44.506 ng
RT: 12.716 min Scan# 1807
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

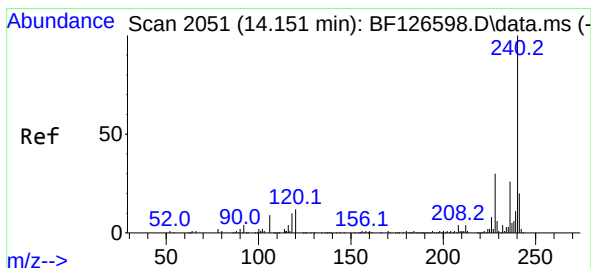
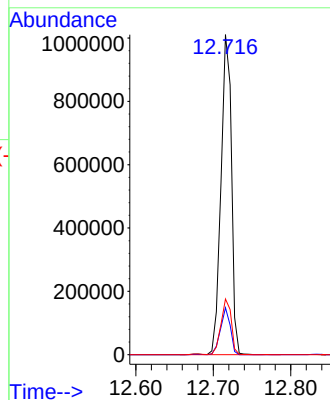
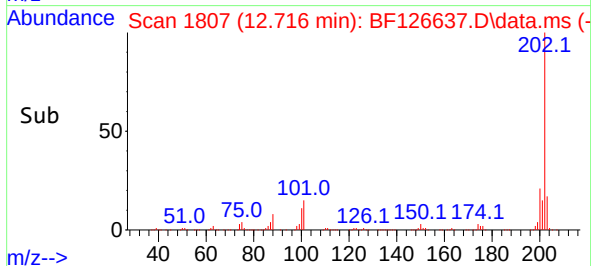
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



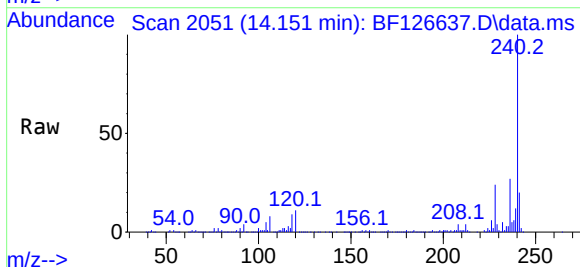
Tgt Ion:202 Resp: 948735
Ion Ratio Lower Upper
202 100
101 14.7 0.0 35.7
203 17.4 0.0 37.1

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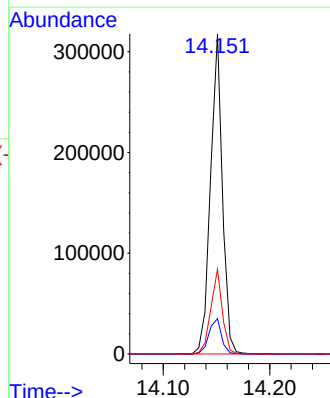
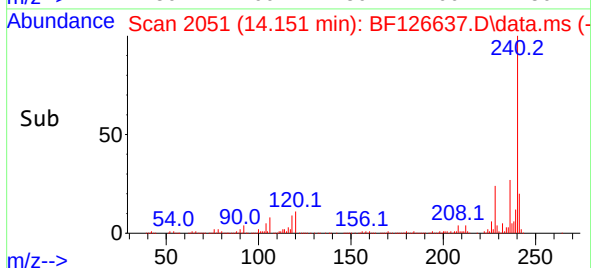
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

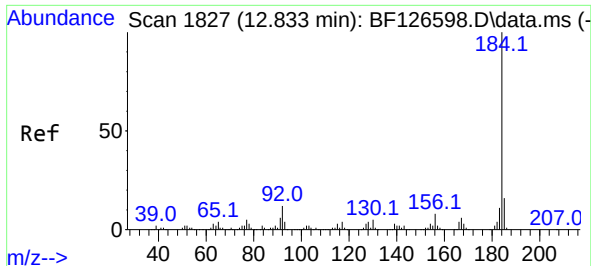


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



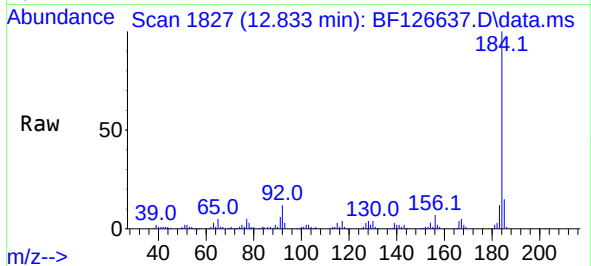
Tgt Ion:240 Resp: 247128
Ion Ratio Lower Upper
240 100
120 11.0 14.4 21.6#
236 26.5 20.5 30.7





#77
Benzidine
Concen: 12.963 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

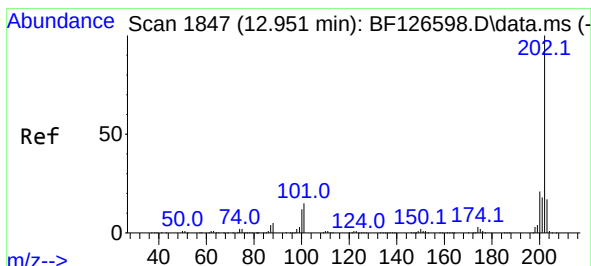
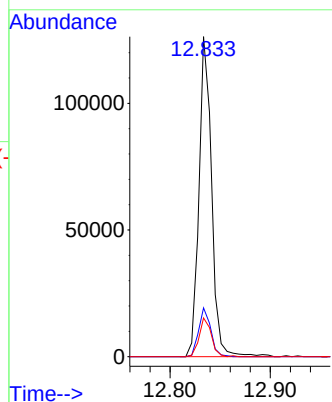
Instrument : BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



Tgt Ion:184 Resp: 110514
Ion Ratio Lower Upper
184 100
185 15.3 11.8 17.8
183 12.1 8.2 12.2

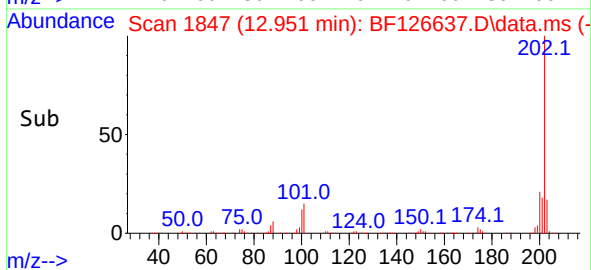
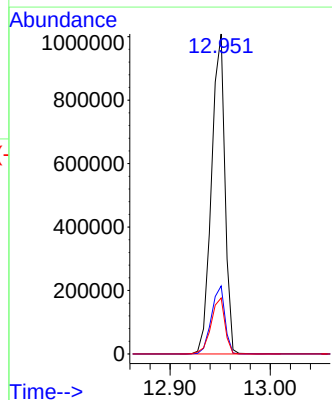
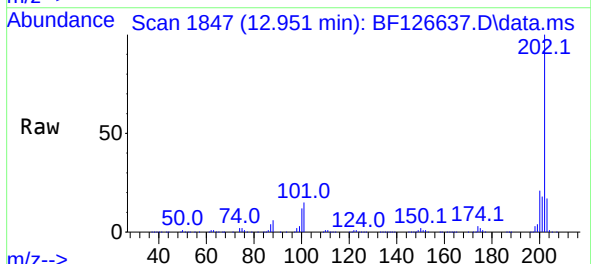
Manual Integrations
APPROVED

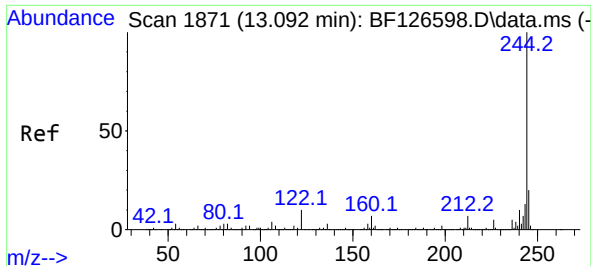
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#78
Pyrene
Concen: 46.856 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

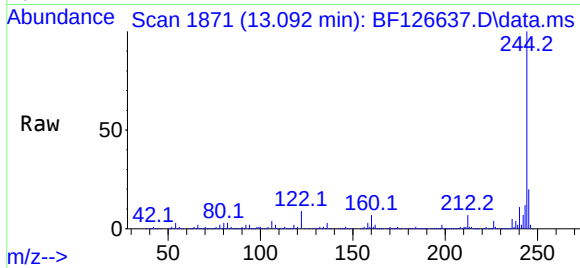
Tgt Ion:202 Resp: 936398
Ion Ratio Lower Upper
202 100
200 21.3 16.6 24.8
203 17.5 13.8 20.8





#79
Terphenyl-d14
Concen: 89.995 ng
RT: 13.092 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

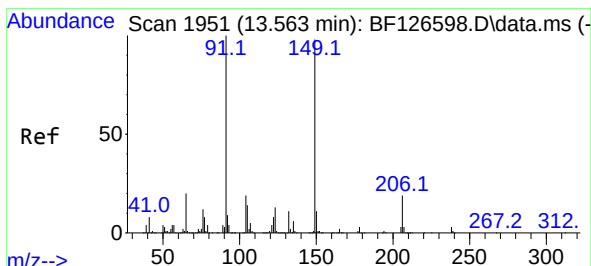
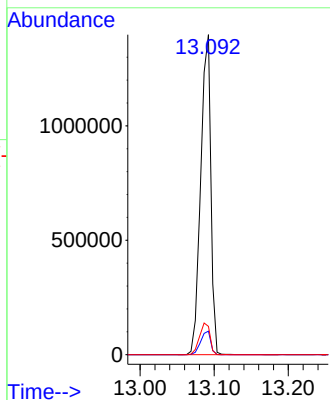
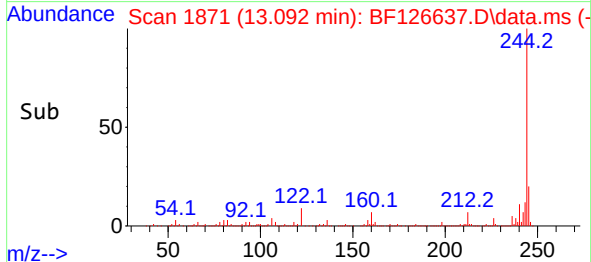
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



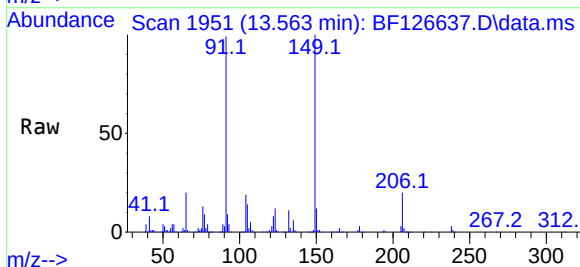
Tgt Ion:244 Resp: 1325990
Ion Ratio Lower Upper
244 100
212 7.3 5.0 7.4
122 8.9 13.3 19.9

Manual Integrations
APPROVED

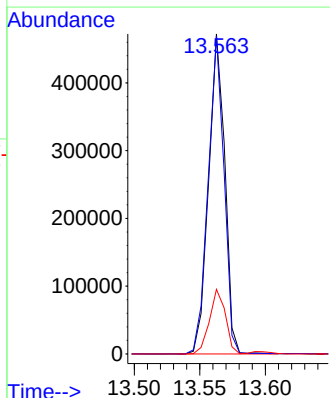
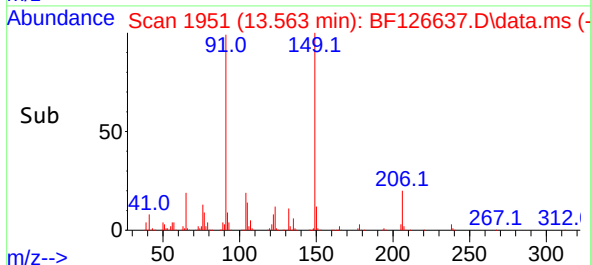
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

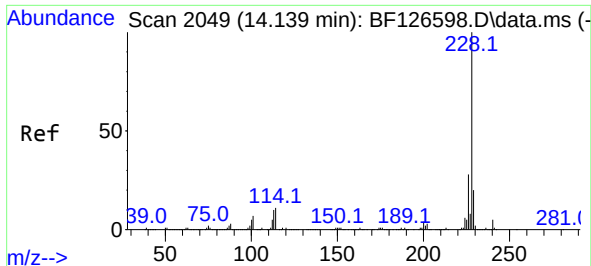


#80
Butylbenzylphthalate
Concen: 46.790 ng
RT: 13.563 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



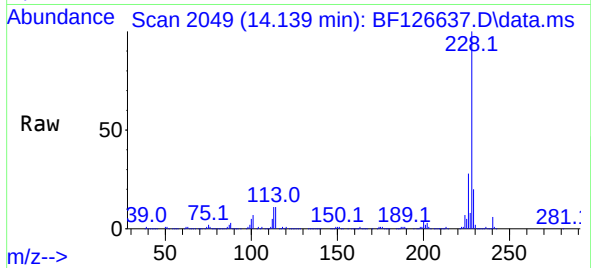
Tgt Ion:149 Resp: 406252
Ion Ratio Lower Upper
149 100
91 99.4 70.5 105.7
206 20.2 12.6 19.0





#81
Benzo(a)anthracene
Concen: 43.896 ng
RT: 14.139 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

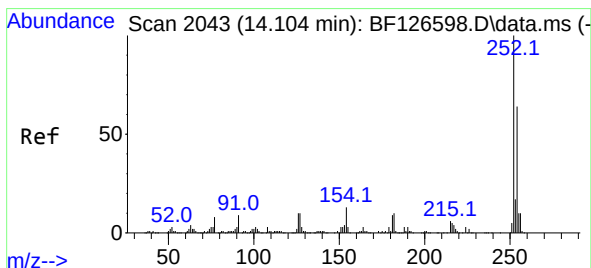
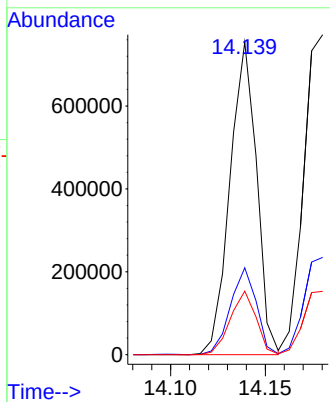
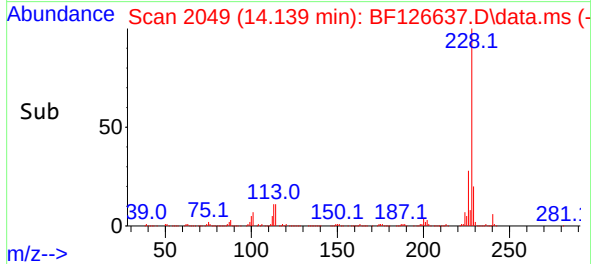
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



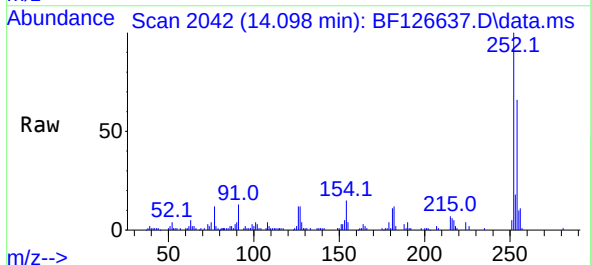
Tgt Ion:228 Resp: 737339
Ion Ratio Lower Upper
228 100
226 27.8 21.4 32.0
229 20.3 15.4 23.2

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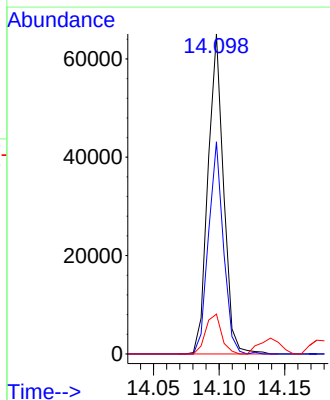
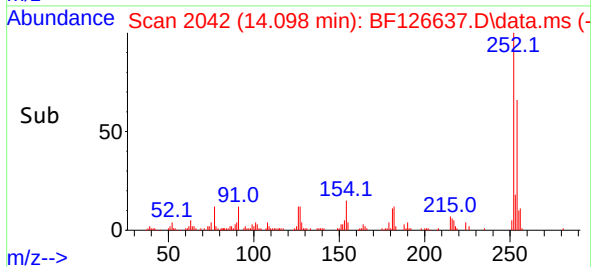
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

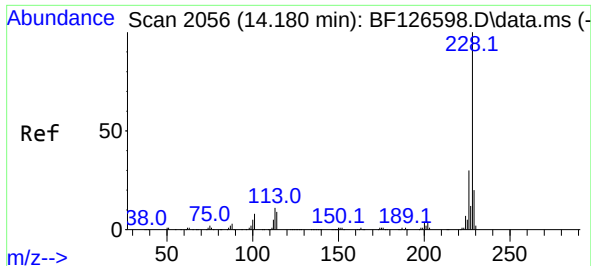


#82
3,3'-Dichlorobenzidine
Concen: 9.763 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



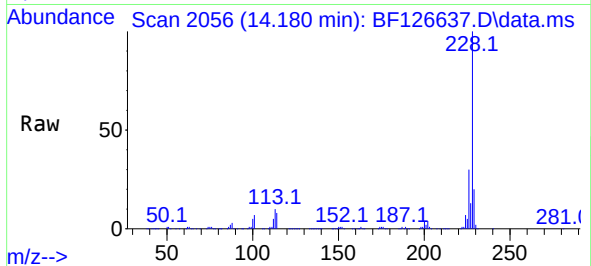
Tgt Ion:252 Resp: 53875
Ion Ratio Lower Upper
252 100
254 66.3 51.0 76.4
126 12.5 13.4 20.0#





#83
Chrysene
Concen: 45.428 ng
RT: 14.180 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

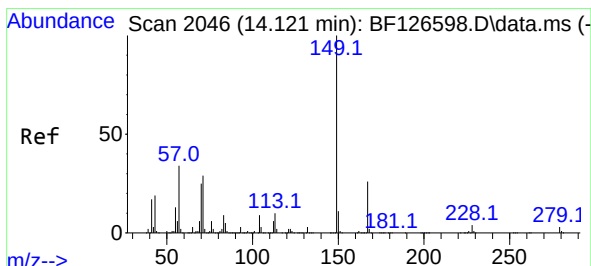
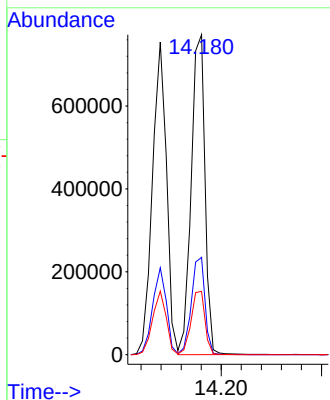
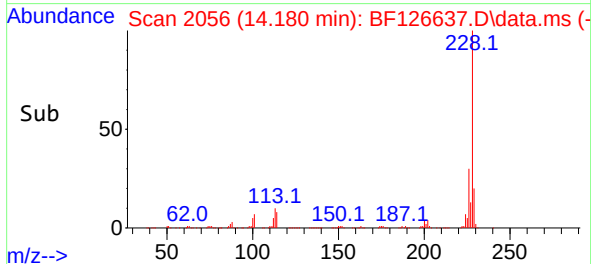
Instrument : BNA_F
Client Sample Id : EAST-BOILER-PIT-WASTE-CLASSMS



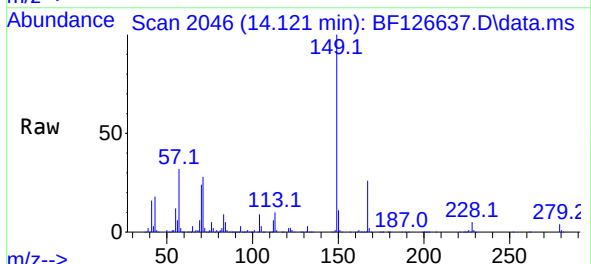
Tgt Ion:228 Resp: 734234
Ion Ratio Lower Upper
228 100
226 30.4 23.7 35.5
229 19.8 15.5 23.3

Manual Integrations
APPROVED

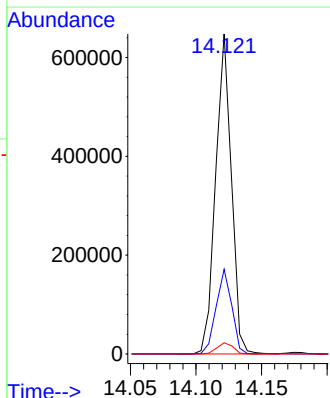
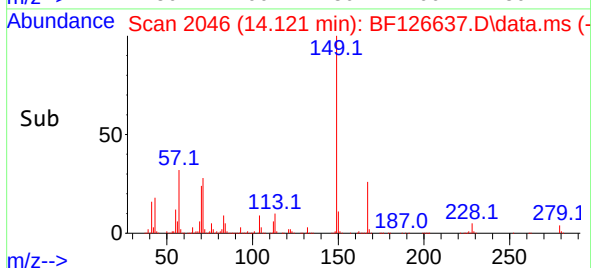
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

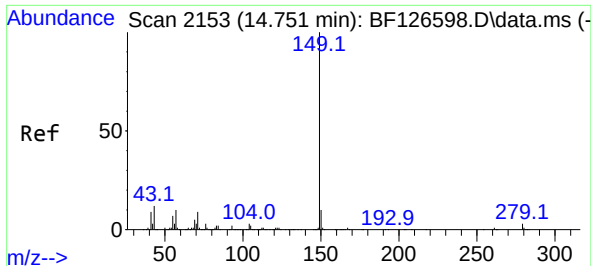


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.841 ng
RT: 14.121 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



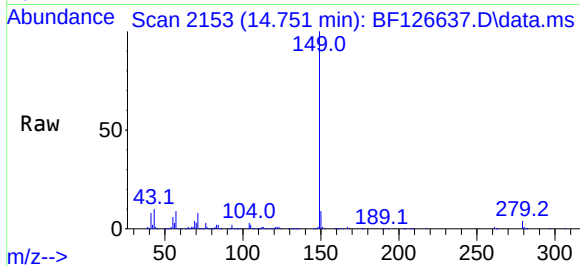
Tgt Ion:149 Resp: 539026
Ion Ratio Lower Upper
149 100
167 26.5 21.4 32.2
279 3.5 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 46.361 ng
RT: 14.751 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

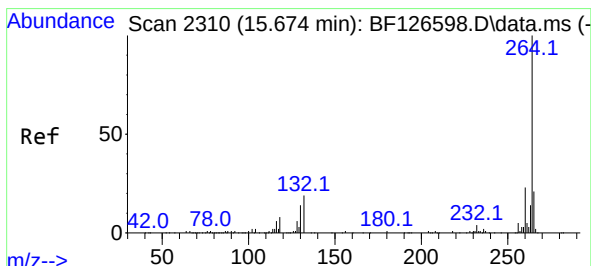
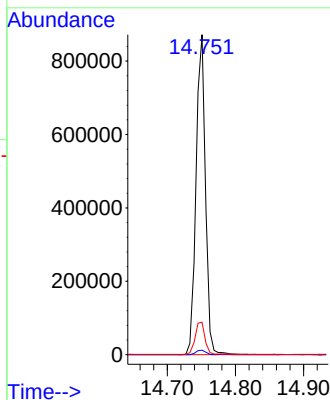
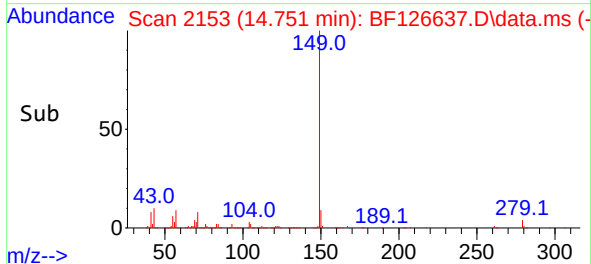
Instrument : BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



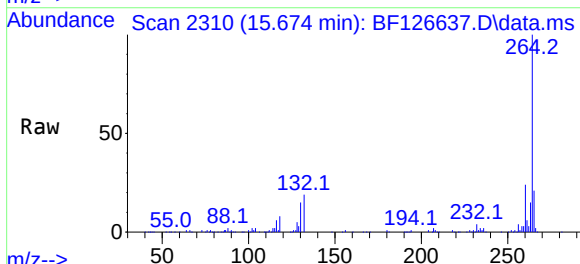
Tgt Ion:149 Resp: 834630
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 10.7 9.9 14.9

Manual Integrations
APPROVED

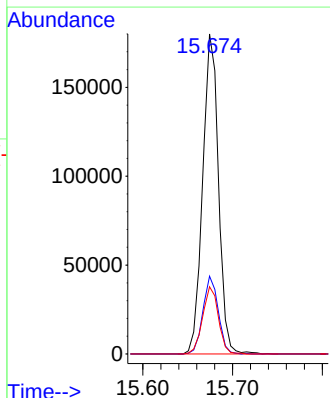
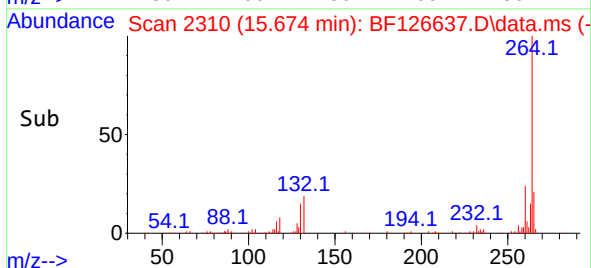
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

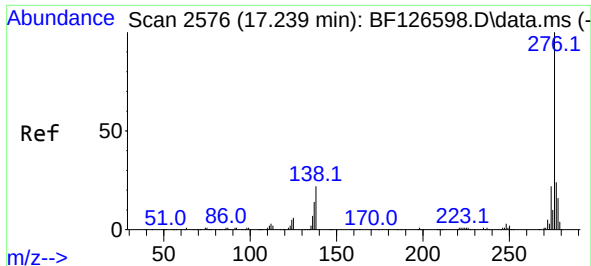


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.674 min Scan# 2310
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



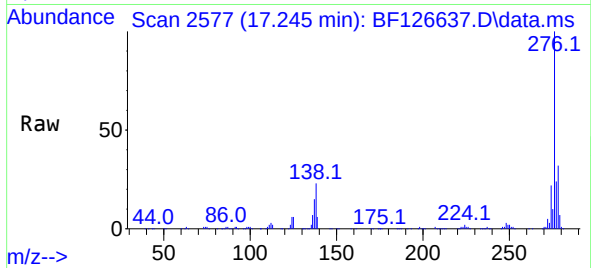
Tgt Ion:264 Resp: 220021
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.0 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.589 ng
RT: 17.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

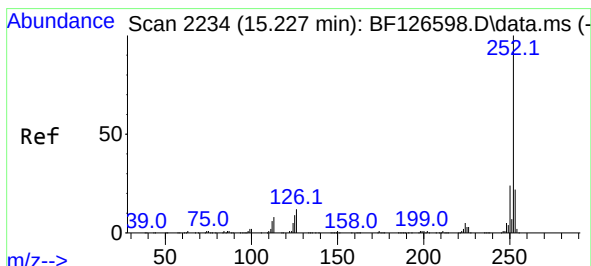
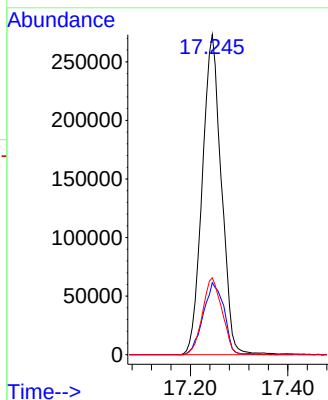
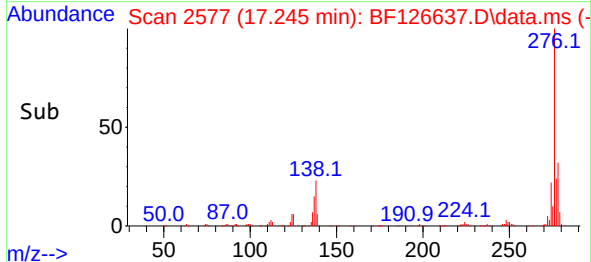
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



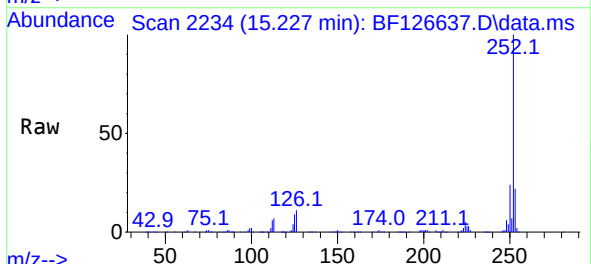
Tgt Ion:276 Resp: 742089
Ion Ratio Lower Upper
276 100
138 24.4 29.2 43.8
277 24.7 19.8 29.8

Manual Integrations
APPROVED

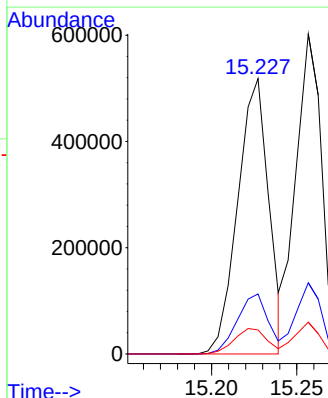
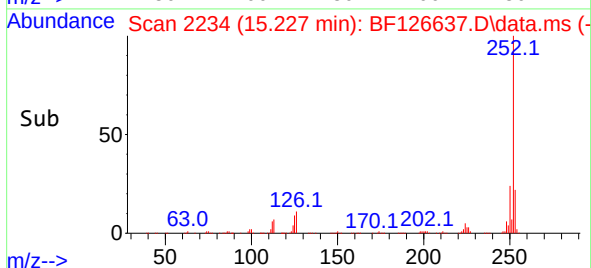
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

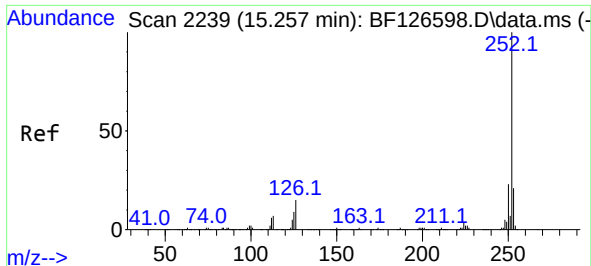


#88
Benzo(b)fluoranthene
Concen: 44.989 ng
RT: 15.227 min Scan# 2234
Delta R.T. 0.000 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



Tgt Ion:252 Resp: 656416
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 8.7 12.4 18.6





#89

Benzo(k)fluoranthene

Concen: 45.097 ng

RT: 15.257 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF126637.D

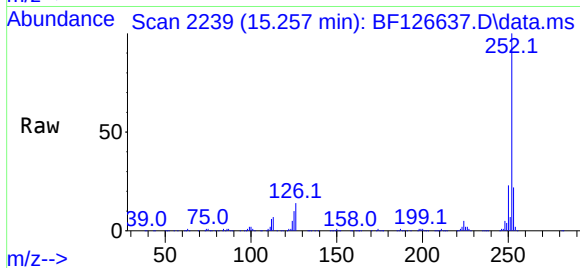
Acq: 24 Jan 2022 14:30

Instrument :

BNA_F

ClientSampleId :

EAST-BOILER-PIT-WASTE-CLASSMS



Tgt Ion:252 Resp: 64605

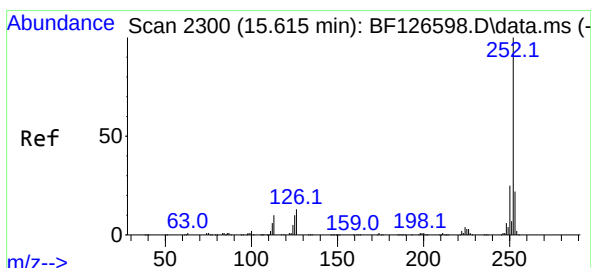
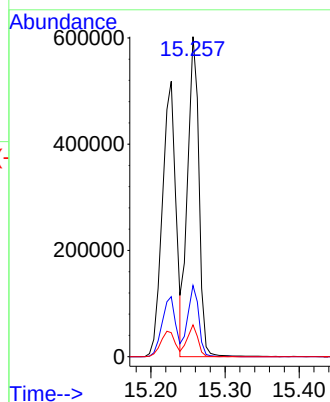
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.0	11.8	17.6

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: 54.203 ng

RT: 15.616 min Scan# 2300

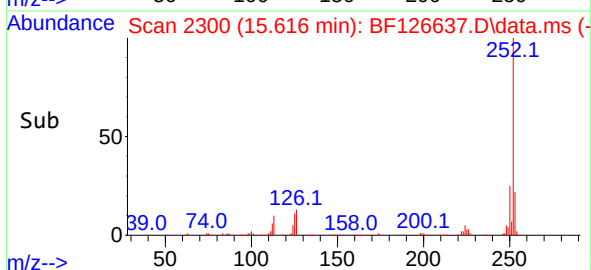
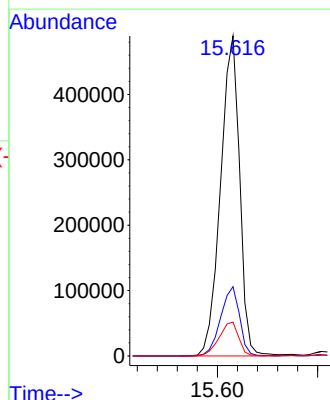
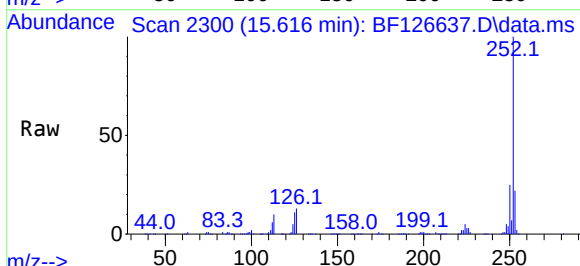
Delta R.T. 0.000 min

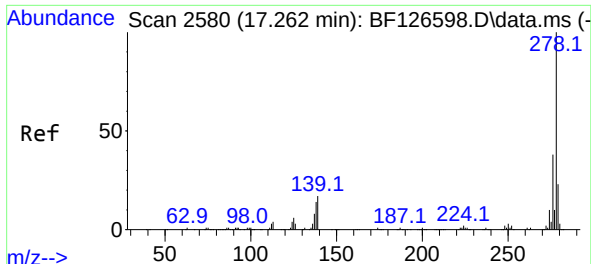
Lab File: BF126637.D

Acq: 24 Jan 2022 14:30

Tgt Ion:252 Resp: 643468

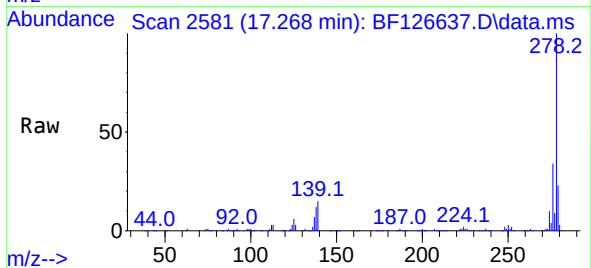
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	10.6	13.0	19.6





#91
Dibenzo(a,h)anthracene
Concen: 55.312 ng
RT: 17.268 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30

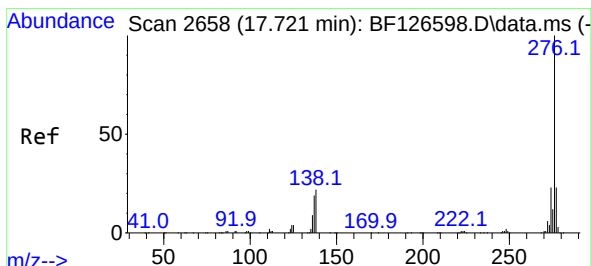
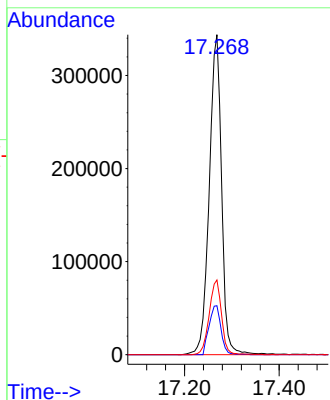
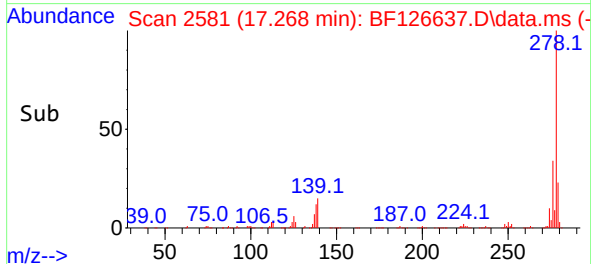
Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS



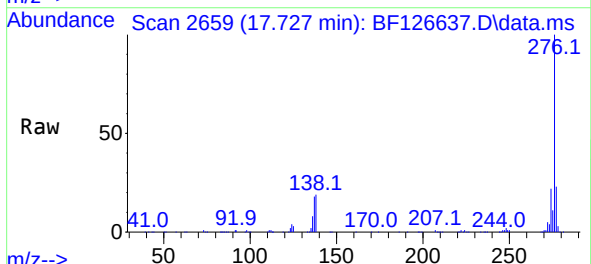
Tgt Ion:278 Resp: 62291
Ion Ratio Lower Upper
278 100
139 15.3 18.0 27.0
279 23.3 18.6 27.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 55.291 ng
RT: 17.727 min Scan# 2659
Delta R.T. 0.006 min
Lab File: BF126637.D
Acq: 24 Jan 2022 14:30



Tgt Ion:276 Resp: 610569
Ion Ratio Lower Upper
276 100
277 23.0 18.5 27.7
138 19.3 25.9 38.9#

