

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126471.D
 Acq On : 4 Jan 2022 16:58
 Operator : JU/CG
 Sample : M5223-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-19-(40-45)-12-22-21MSD

Quant Time: Jan 05 01:59:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/05/2022
 Supervised By : Jagrut Upadhyay 01/05/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	135113	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	574292	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	264337	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	422052	20.000	ng	0.00
76) Chrysene-d12	13.951	240	222263	20.000	ng	0.00
86) Perylene-d12	15.386	264	226515	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1029406	109.411	ng	0.02
7) Phenol-d6	6.428	99	1315560	107.956	ng	0.00
23) Nitrobenzene-d5	7.351	82	868146	77.619	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	246933	120.888	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1136878	75.683	ng	0.00
79) Terphenyl-d14	12.898	244	884983	77.362	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	218043	46.214	ng	99
3) Pyridine	3.334	79	493103	38.745	ng	98
4) n-Nitrosodimethylamine	3.269	42	237200	45.333	ng	100
6) Aniline	6.439	93	13512m	0.892	ng	
8) 2-Chlorophenol	6.575	128	473451	50.459	ng	95
9) Benzaldehyde	6.334	77	326346	43.260	ng	95
10) Phenol	6.439	94	624166	45.897	ng	100
11) bis(2-Chloroethyl)ether	6.522	93	708213	68.202	ng	91
12) 1,3-Dichlorobenzene	6.728	146	458504	48.901	ng	97
13) 1,4-Dichlorobenzene	6.804	146	460694	49.224	ng	99
14) 1,2-Dichlorobenzene	6.957	146	451542	49.516	ng	97
15) Benzyl Alcohol	6.934	79	422188	49.516	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	782079	47.956	ng	96
17) 2-Methylphenol	7.051	107	389634	47.208	ng	98
18) Hexachloroethane	7.298	117	187491	50.281	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	312466	44.934	ng	96
20) 3+4-Methylphenols	7.198	107	429257	43.685	ng	# 88
22) Acetophenone	7.198	105	626029	47.153	ng	96
24) Nitrobenzene	7.369	77	516151	46.116	ng	97
25) Isophorone	7.610	82	941086	47.002	ng	99
26) 2-Nitrophenol	7.686	139	255375	51.470	ng	95
27) 2,4-Dimethylphenol	7.728	122	396016	51.045	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	606403	46.362	ng	99
29) 2,4-Dichlorophenol	7.934	162	350559	49.486	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	363545	49.241	ng	99
31) Naphthalene	8.092	128	1316279	48.559	ng	99
32) Benzoic acid	7.869	122	349466	60.014	ng	96
33) 4-Chloroaniline	8.169	127	328782	28.953	ng	95
34) Hexachlorobutadiene	8.210	225	175686	48.959	ng	98
35) Caprolactam	8.522	113	138436m	76.818	ng	
36) 4-Chloro-3-methylphenol	8.628	107	408842	47.290	ng	99
37) 2-Methylnaphthalene	8.786	142	824762	51.578	ng	98
38) 1-Methylnaphthalene	8.880	142	758027	49.031	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	277427	48.298	ng	99
41) Hexachlorocyclopentadiene	8.939	237	302264	129.248	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	211906	49.884	ng	96

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 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	9.104	196	222173	48.590	ng	98
46) 1,1'-Biphenyl	9.251	154	939826	48.476	ng	99
47) 2-Chloronaphthalene	9.275	162	704512	47.976	ng	99
48) 2-Nitroaniline	9.369	65	265083	44.703	ng	92
49) Acenaphthylene	9.686	152	1075230	48.278	ng	99
50) Dimethylphthalate	9.557	163	781938	47.385	ng	100
51) 2,6-Dinitrotoluene	9.616	165	182839	51.305	ng	88
52) Acenaphthene	9.863	154	761072m	52.124	ng	
53) 3-Nitroaniline	9.780	138	161626	33.077	ng	93
54) 2,4-Dinitrophenol	9.892	184	192896	104.059	ng	89
55) Dibenzofuran	10.033	168	913789	46.294	ng	98
56) 4-Nitrophenol	9.951	139	342034	98.424	ng	94
57) 2,4-Dinitrotoluene	10.022	165	234936	51.096	ng	89
58) Fluorene	10.375	166	654398	46.890	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	167338	50.989	ng	93
60) Diethylphthalate	10.257	149	762334	47.934	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	282831	46.439	ng	95
62) 4-Nitroaniline	10.398	138	194849	42.340	ng	92
63) Azobenzene	10.527	77	915775	44.704	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	118809	51.983	ng	91
66) n-Nitrosodiphenylamine	10.486	169	608884	46.500	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	180950	48.303	ng	95
68) Hexachlorobenzene	10.927	284	216214	49.619	ng	94
69) Atrazine	11.016	200	179355	79.546	ng	99
70) Pentachlorophenol	11.122	266	213601	100.857	ng	99
71) Phenanthrene	11.339	178	1008046	46.718	ng	100
72) Anthracene	11.386	178	1030238	47.717	ng	100
73) Carbazole	11.545	167	936900	44.315	ng	99
74) Di-n-butylphthalate	11.874	149	1185377	49.247	ng	99
75) Fluoranthene	12.521	202	934343	47.444	ng	98
77) Benzidine	12.645	184	249403	69.472	ng	98
78) Pyrene	12.751	202	950639	50.611	ng	99
80) Butylbenzylphthalate	13.374	149	437684	52.586	ng	92
81) Benzo(a)anthracene	13.939	228	584088	45.696	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	211084	35.397	ng	# 98
83) Chrysene	13.974	228	650569	49.619	ng	98
84) Bis(2-ethylhexyl)phtha...	13.933	149	483083	56.005	ng	99
85) Di-n-octyl phthalate	14.545	149	893888	59.754	ng	97
87) Indeno(1,2,3-cd)pyrene	16.809	276	768061	50.666	ng	99
88) Benzo(b)fluoranthene	14.974	252	666411	49.386	ng	98
89) Benzo(k)fluoranthene	15.004	252	646972	49.494	ng	99
90) Benzo(a)pyrene	15.333	252	658778	58.225	ng	98
91) Dibenzo(a,h)anthracene	16.827	278	650246	53.157	ng	100
92) Benzo(g,h,i)perylene	17.239	276	701037	53.820	ng	98

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

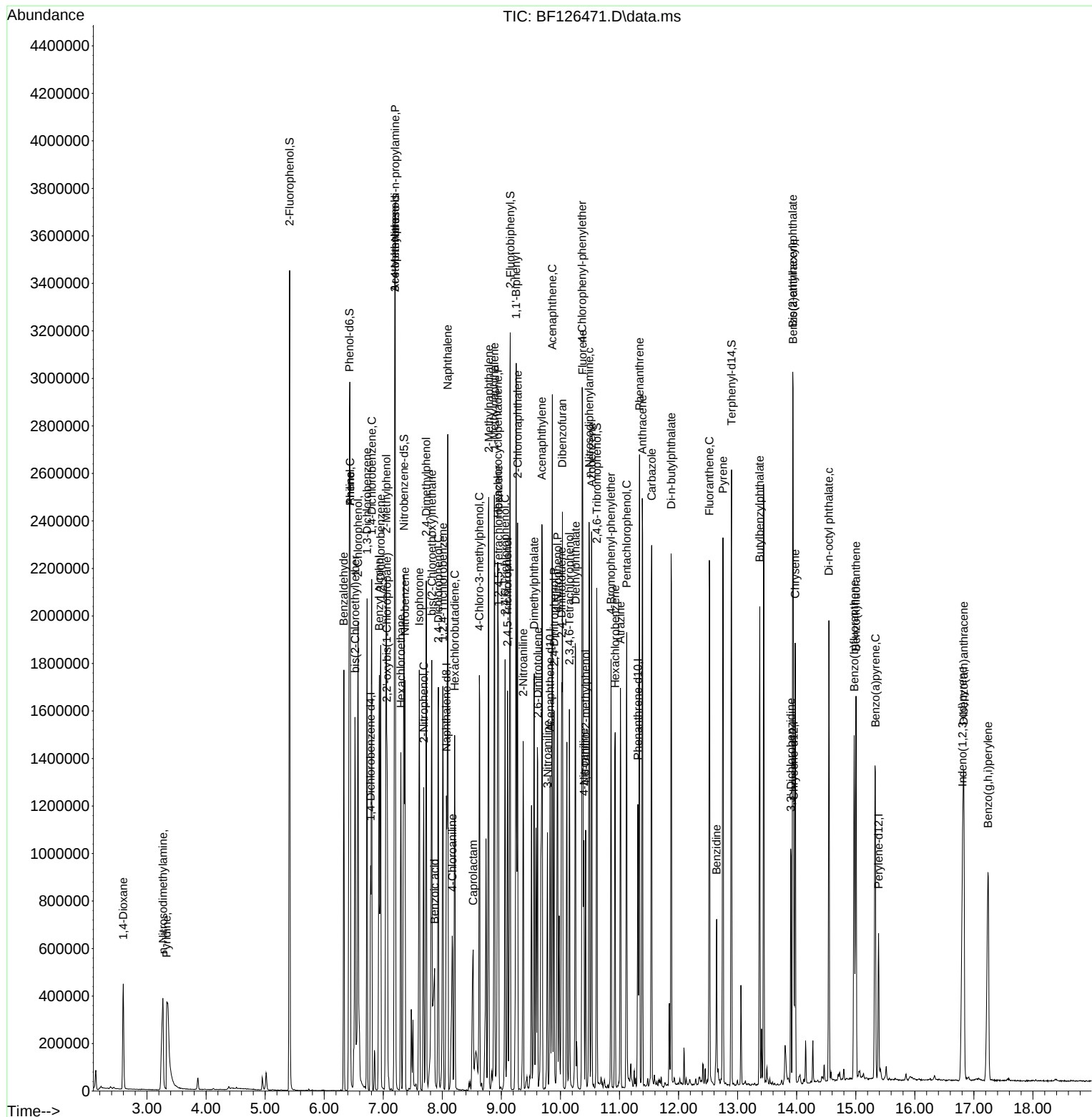
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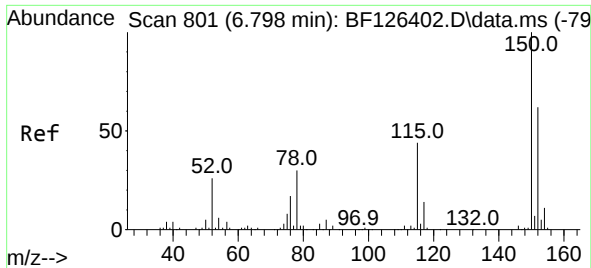
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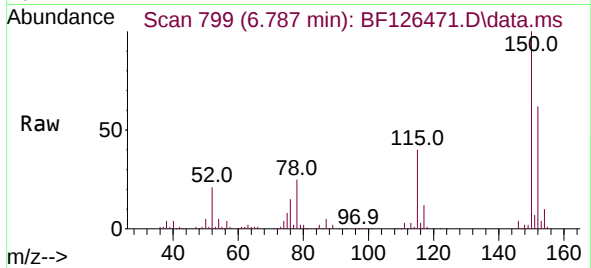
Reviewed By : Christian Giraldo 01/05/2022
 Supervised By : Jagrut Upadhyay 01/05/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. 0.001 min
 Lab File: BF126471.D
 Acq: 4 Jan 2022 16:58

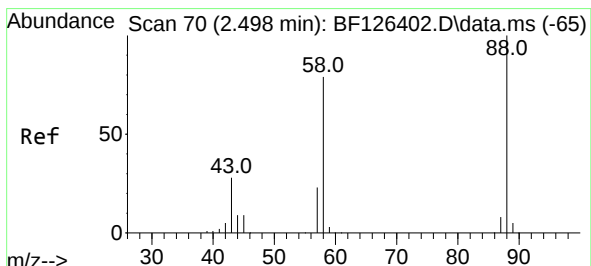
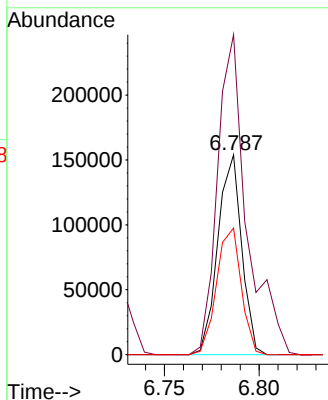
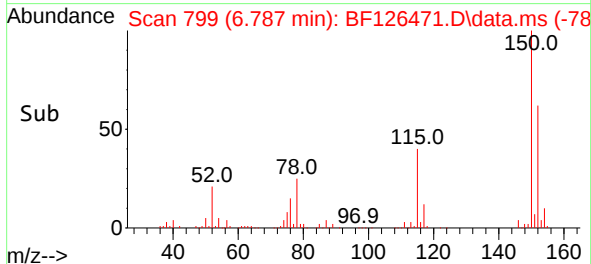
Instrument :
 BNA_F
 ClientSampleId :
 DB-19-(40-45)-12-22-21MSD



Tgt Ion:152 Resp: 13511
 Ion Ratio Lower Upper
 152 100
 150 160.1 128.1 192.1
 115 63.4 56.7 85.1

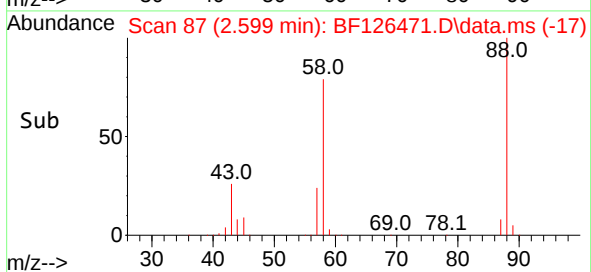
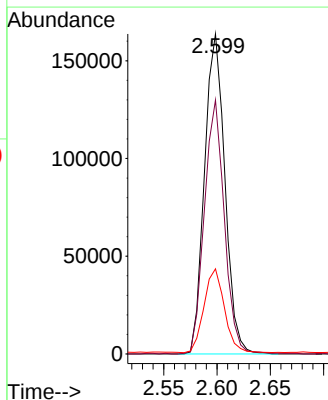
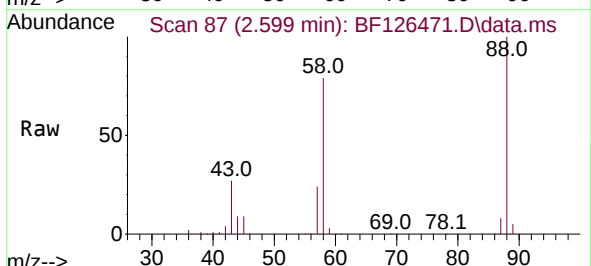
Manual Integrations
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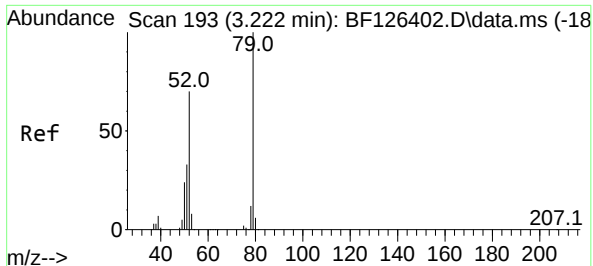
Reviewed By :Christian Giraldo 01/05/2022
 Supervised By :Jagrut Upadhyay 01/05/2022



#2
 1,4-Dioxane
 Concen: 46.214 ng
 RT: 2.599 min Scan# 87
 Delta R.T. 0.112 min
 Lab File: BF126471.D
 Acq: 4 Jan 2022 16:58

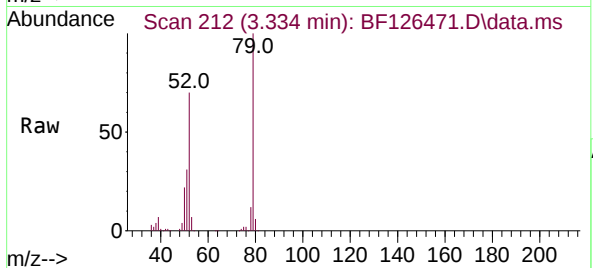
Tgt Ion: 88 Resp: 218043
 Ion Ratio Lower Upper
 88 100
 58 78.0 62.8 94.2
 43 26.2 22.3 33.5





#3
Pyridine
Concen: 38.745 ng
RT: 3.334 min Scan# 21
Delta R.T. 0.124 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

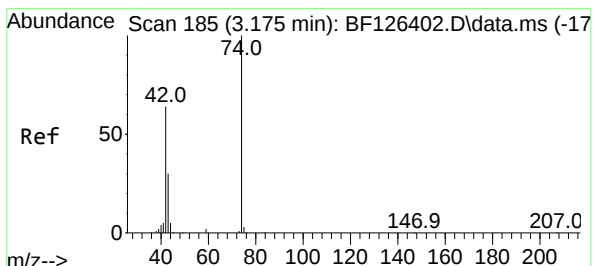
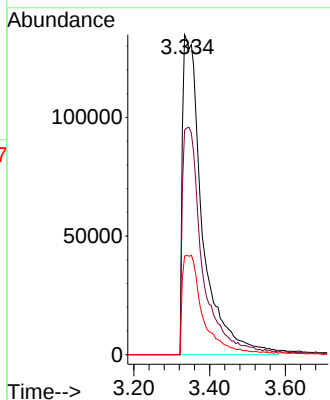
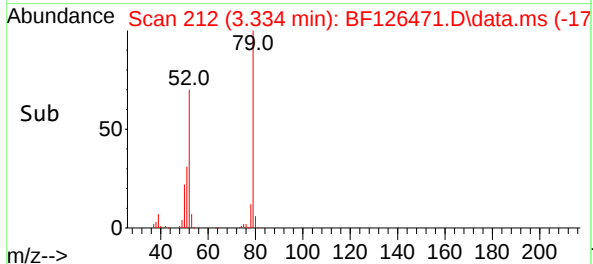
Instrument :
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ClientSampleId :
DB-19-(40-45)-12-22-21MSD



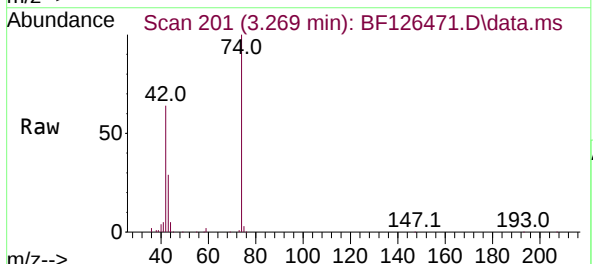
Tgt Ion: 79 Resp: 49310
Ion Ratio Lower Upper
79 100
52 70.2 56.2 84.4
51 30.8 26.7 40.1

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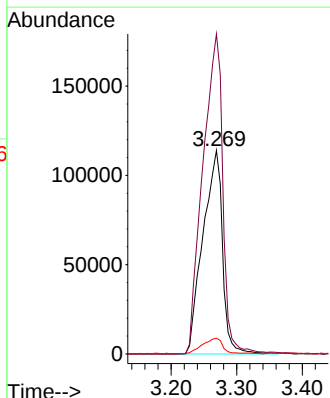
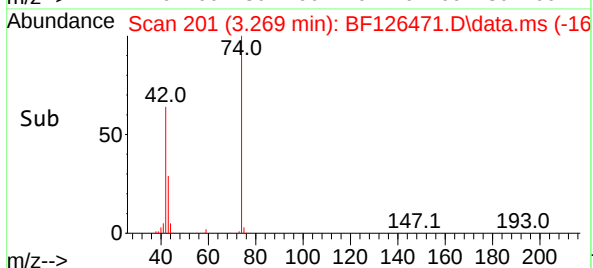
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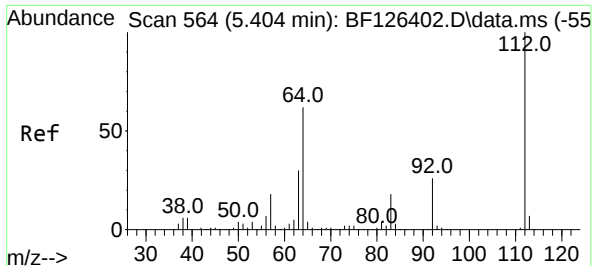


#4
n-Nitrosodimethylamine
Concen: 45.333 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.106 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



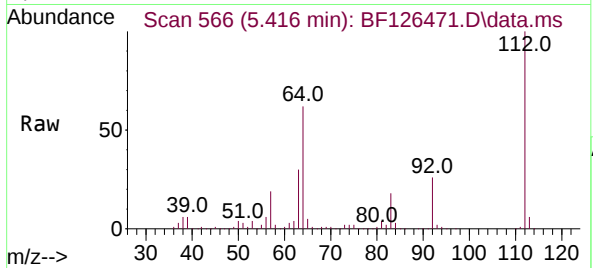
Tgt Ion: 42 Resp: 237200
Ion Ratio Lower Upper
42 100
74 157.3 125.6 188.4
44 7.8 5.7 8.5





#5
2-Fluorophenol
Concen: 109.411 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.024 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

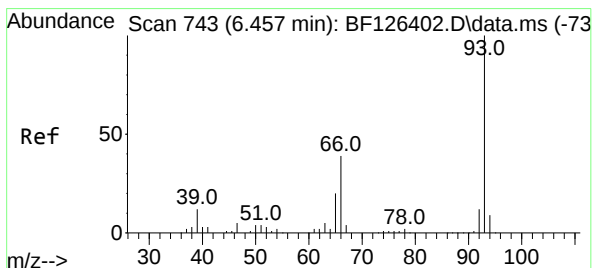
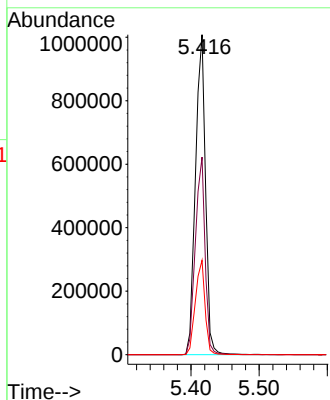
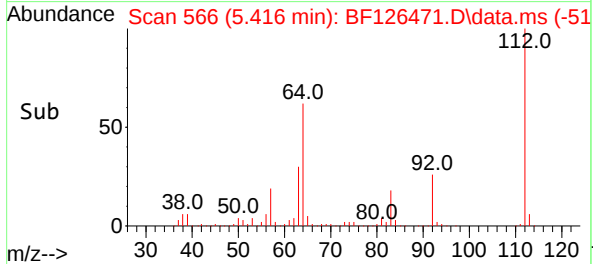
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



Tgt Ion:112 Resp: 1029400
Ion Ratio Lower Upper
112 100
64 61.8 49.5 74.3
63 29.5 23.9 35.9

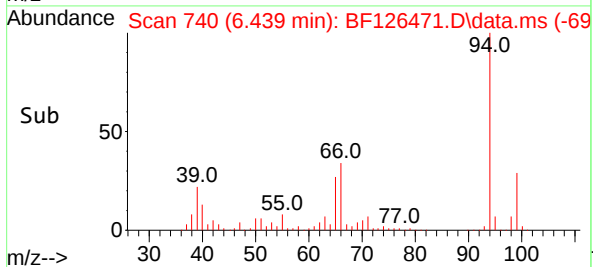
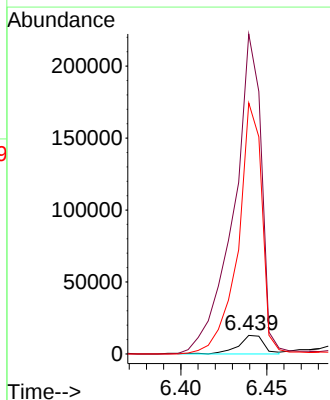
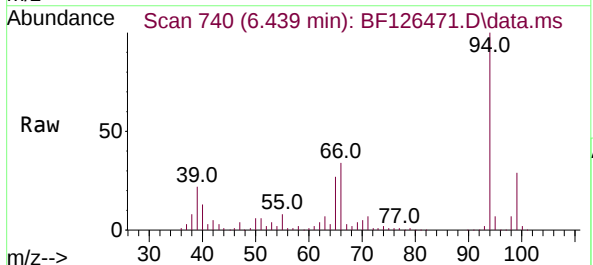
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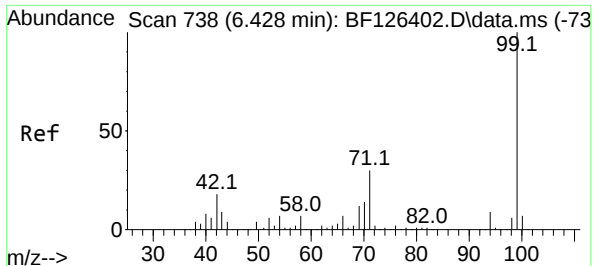
Reviewed By :Christian Giraldo 01/05/2022
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#6
Aniline
Concen: 0.892 ng m
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

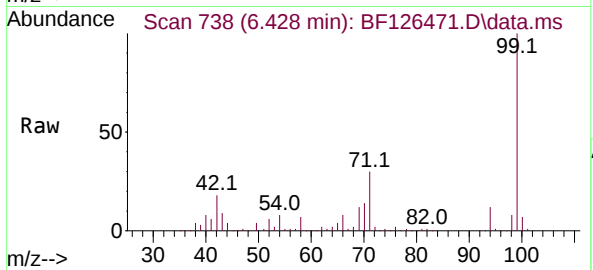
Tgt Ion: 93 Resp: 13512
Ion Ratio Lower Upper
93 100
66 1715.4 32.2 48.4#
65 1346.1 16.3 24.5#





#7
Phenol-d6
Concen: 107.956 ng
RT: 6.428 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

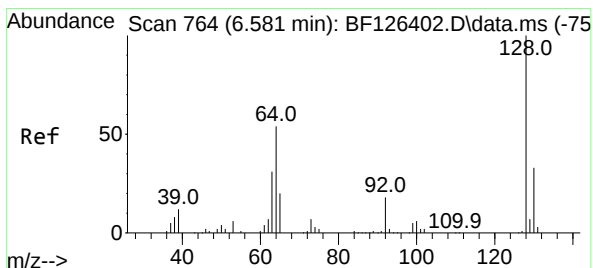
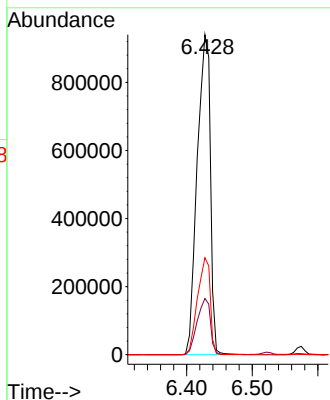
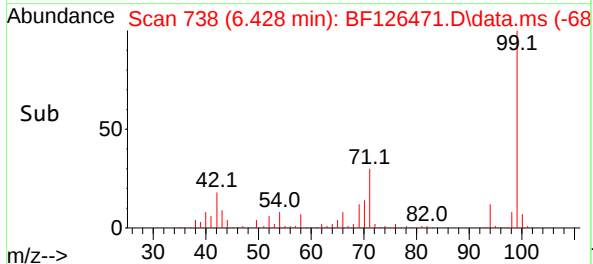
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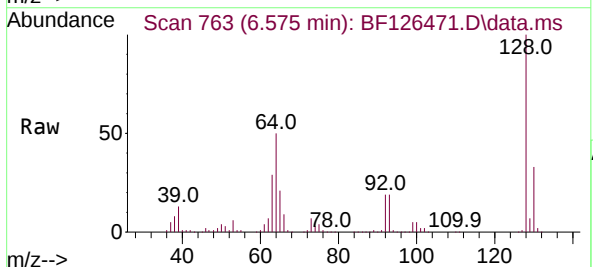
Tgt Ion: 99 Resp: 131556
Ion Ratio Lower Upper
99 100
42 17.6 14.2 21.4
71 30.3 24.3 36.5

Manual Integrations
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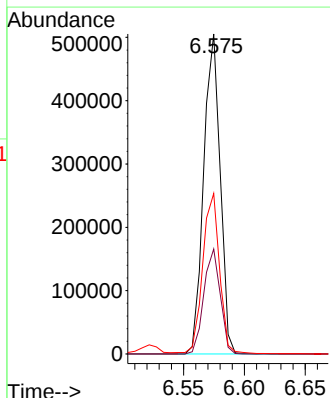
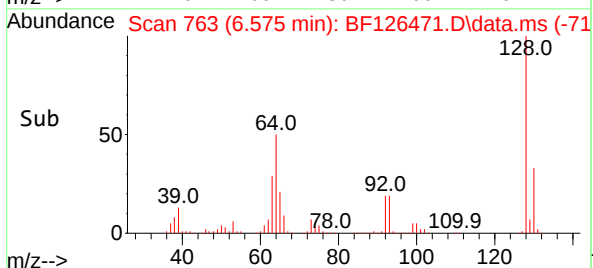
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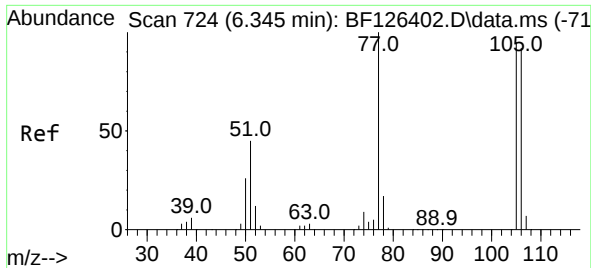


#8
2-Chlorophenol
Concen: 50.459 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



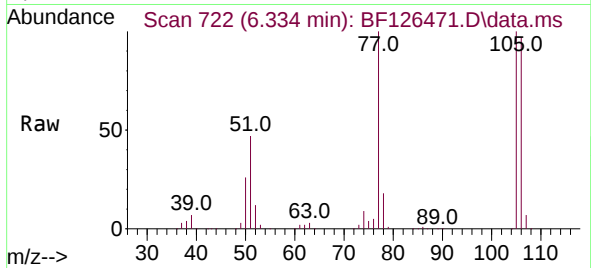
Tgt Ion:128 Resp: 473451
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 50.2 35.6 75.6





#9
Benzaldehyde
Concen: 43.260 ng
RT: 6.334 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126471.D
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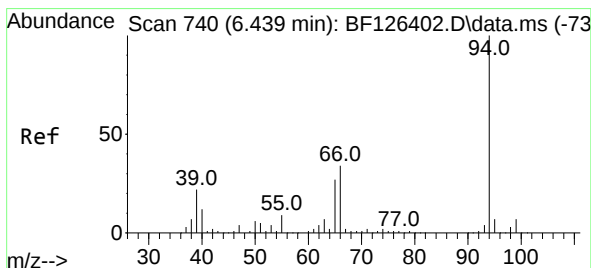
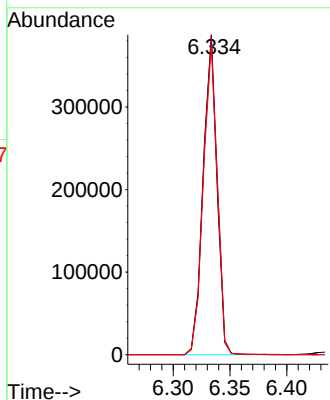
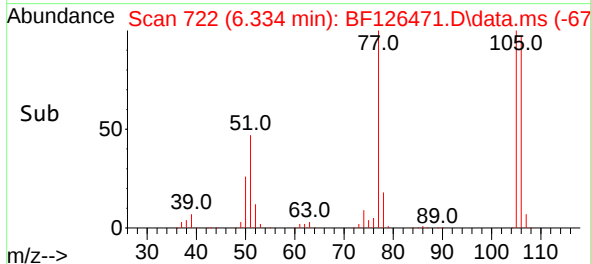
Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 326340
Ion Ratio Lower Upper
77 100
105 100.4 74.9 114.9
106 97.1 72.4 112.4

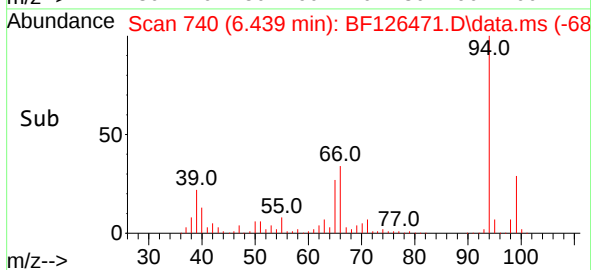
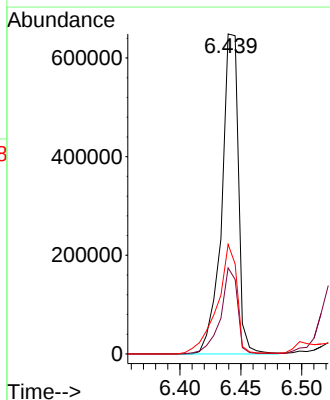
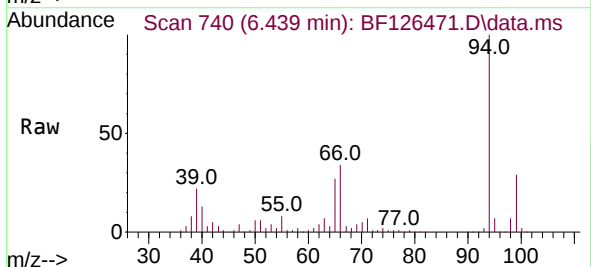
Manual Integrations
APPROVED

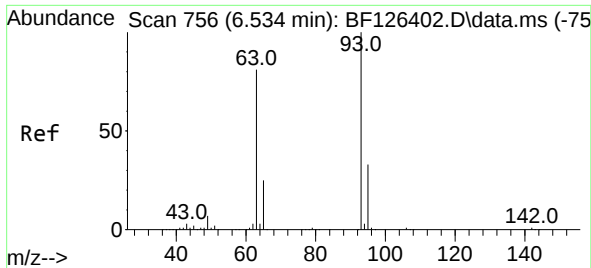
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#10
Phenol
Concen: 45.897 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

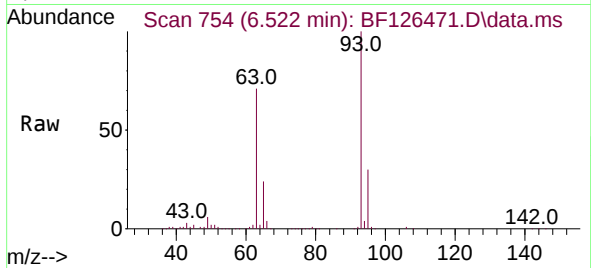
Tgt Ion: 94 Resp: 624166
Ion Ratio Lower Upper
94 100
65 26.9 7.2 47.2
66 34.3 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 68.202 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

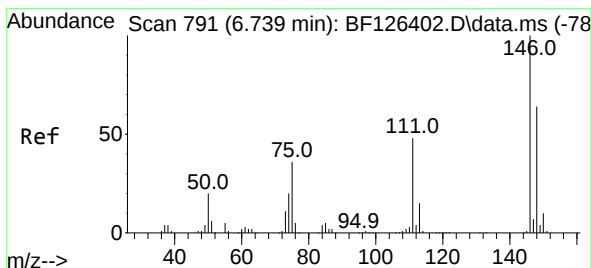
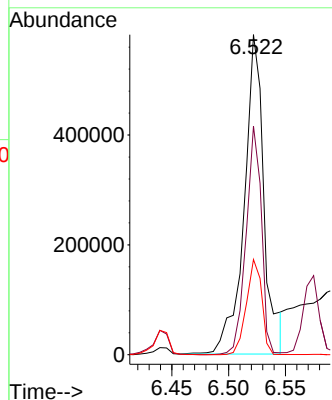
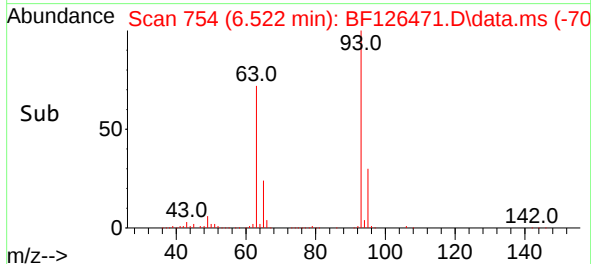
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



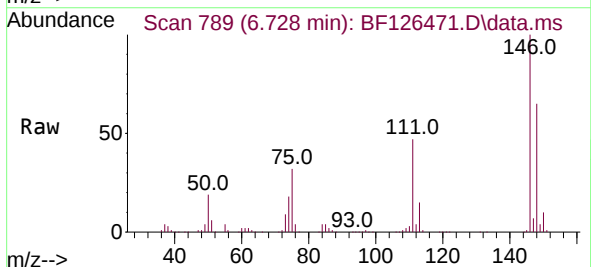
Tgt Ion: 93 Resp: 70821
Ion Ratio Lower Upper
93 100
63 71.5 60.5 100.5
95 29.8 12.9 52.9

Manual Integrations
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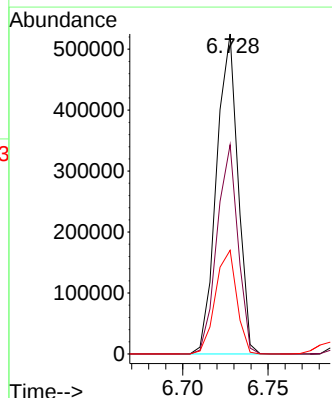
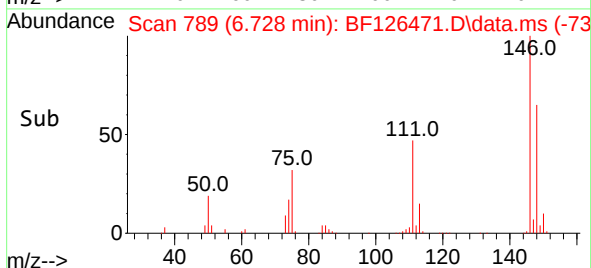
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

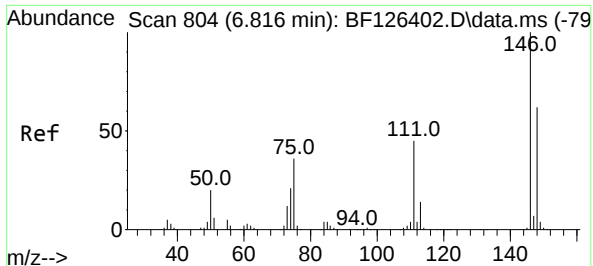


#12
1,3-Dichlorobenzene
Concen: 48.901 ng
RT: 6.728 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



Tgt Ion:146 Resp: 458504
Ion Ratio Lower Upper
146 100
148 65.4 50.9 76.3
75 32.4 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 49.224 ng

RT: 6.804 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF126471.D

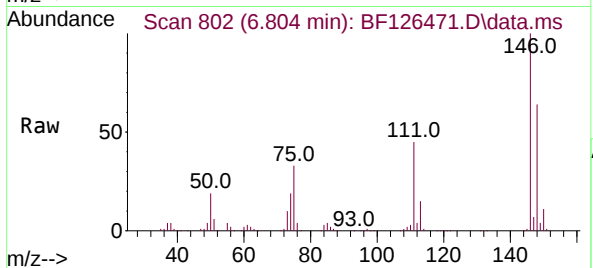
Acq: 4 Jan 2022 16:58

Instrument :

BNA_F

ClientSampleId :

DB-19-(40-45)-12-22-21MSD



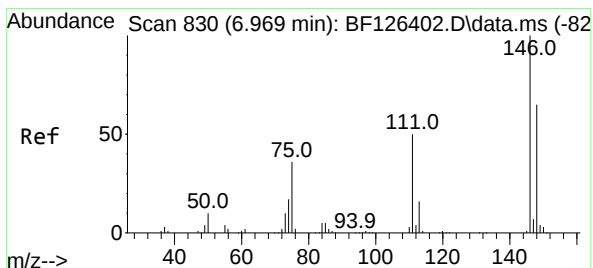
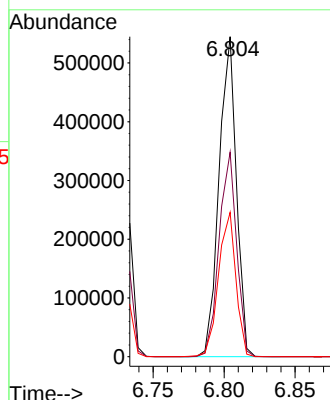
Tgt Ion:146 Resp: 460694

Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.8	74.6
111	45.1	36.1	54.1

Manual Integrations

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Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#14

1,2-Dichlorobenzene

Concen: 49.516 ng

RT: 6.957 min Scan# 828

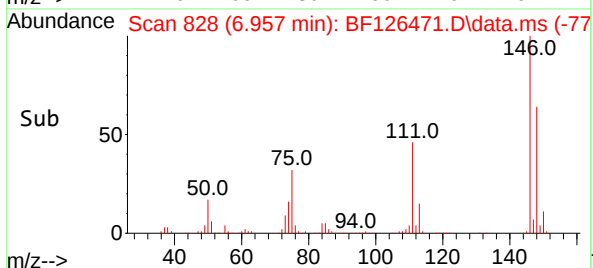
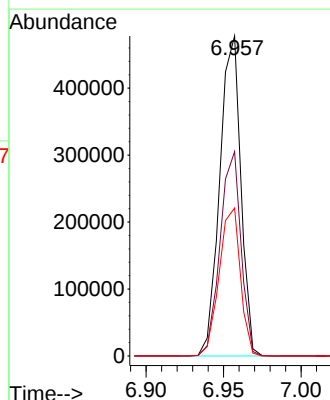
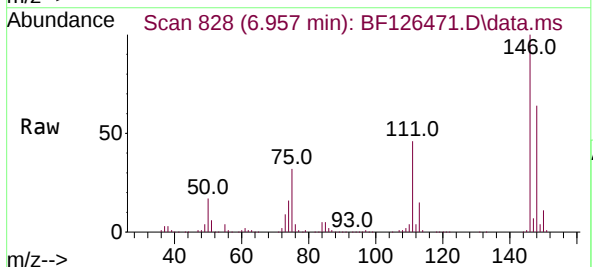
Delta R.T. 0.000 min

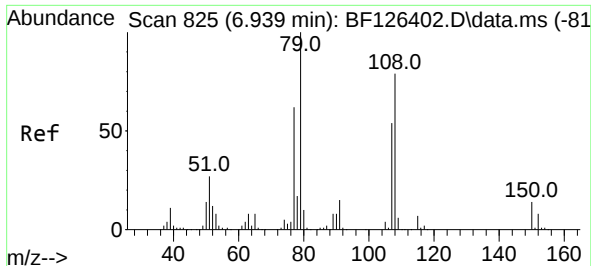
Lab File: BF126471.D

Acq: 4 Jan 2022 16:58

Tgt Ion:146 Resp: 451542

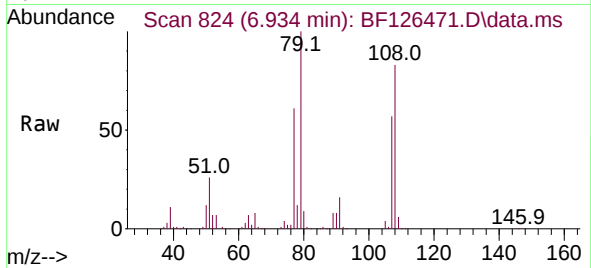
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
111	46.2	40.2	60.2





#15
Benzyl Alcohol
Concen: 49.516 ng
RT: 6.934 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

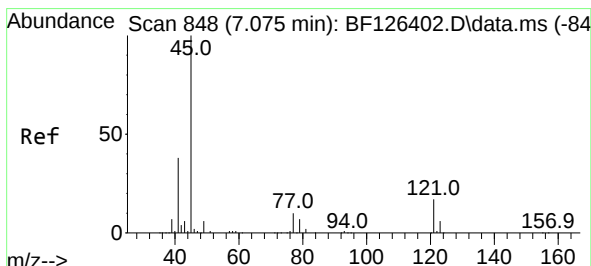
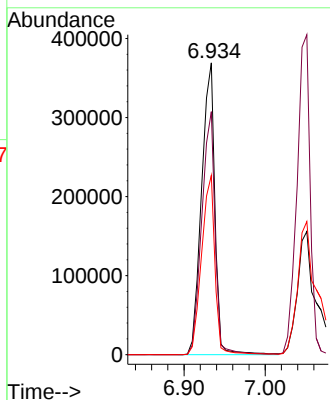
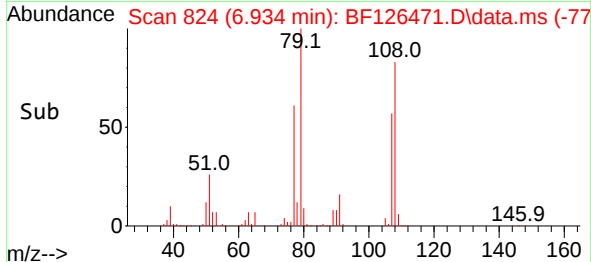
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



Tgt Ion: 79 Resp: 42218
Ion Ratio Lower Upper
79 100
108 83.3 63.2 94.8
77 61.4 49.4 74.2

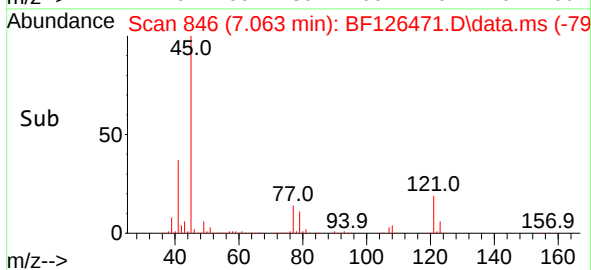
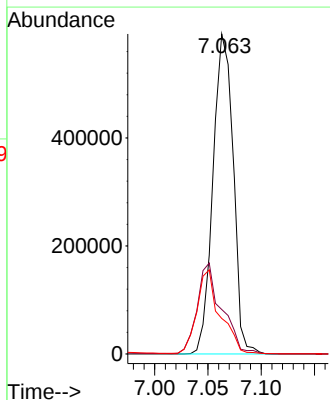
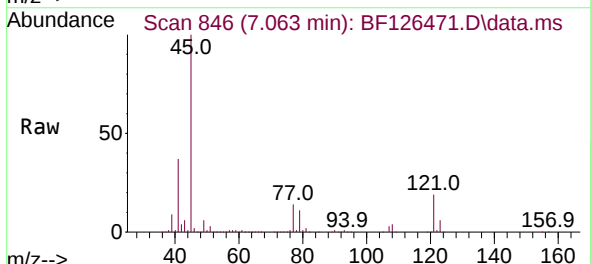
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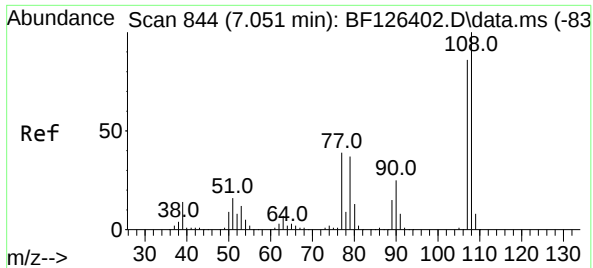
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.956 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

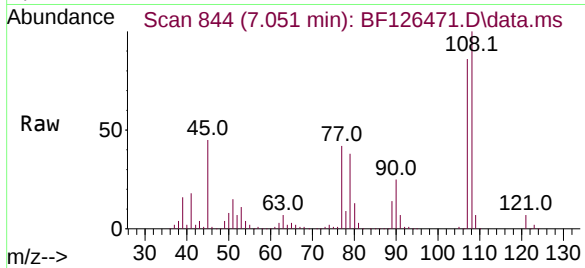
Tgt Ion: 45 Resp: 782079
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.4
79 11.1 0.0 29.8





#17
2-Methylphenol
Concen: 47.208 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

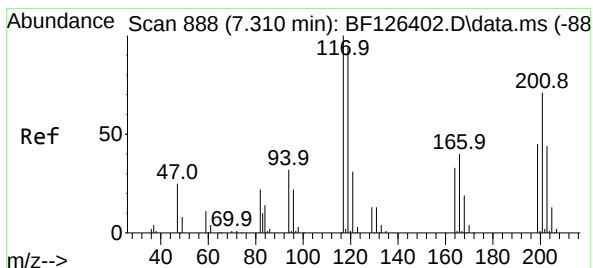
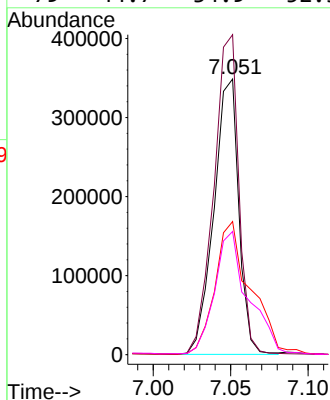
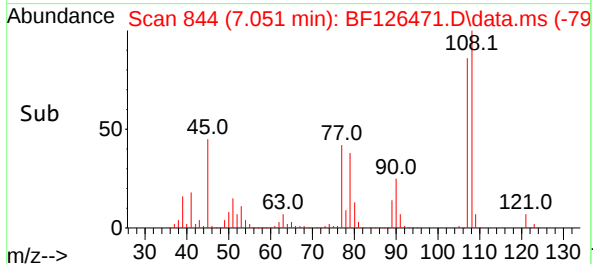
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



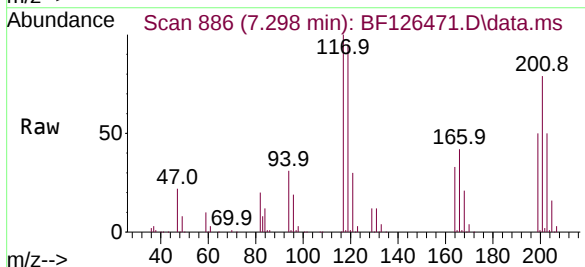
Tgt Ion:107 Resp: 389634
Ion Ratio Lower Upper
107 100
108 116.1 93.4 140.0
77 48.3 36.1 54.1
79 44.7 34.9 52.3

Manual Integrations
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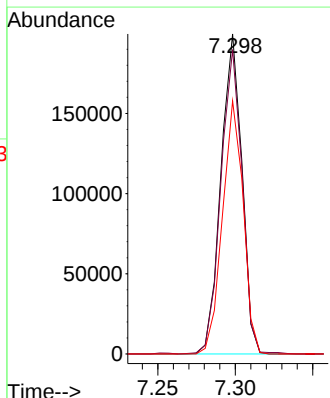
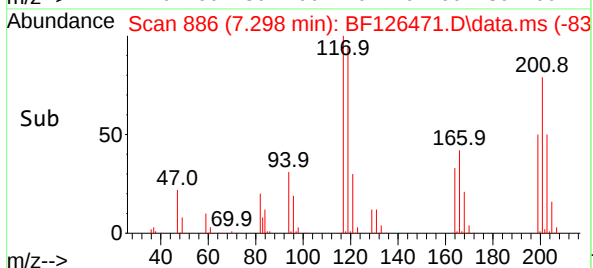
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

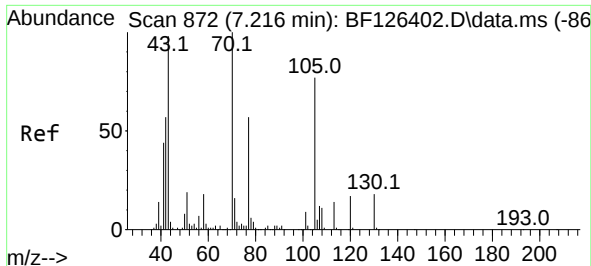


#18
Hexachloroethane
Concen: 50.281 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



Tgt Ion:117 Resp: 187491
Ion Ratio Lower Upper
117 100
119 95.1 75.4 113.0
201 79.1 56.8 85.2





#19

n-Nitroso-di-n-propylamine

Concen: 44.934 ng

RT: 7.204 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF126471.D

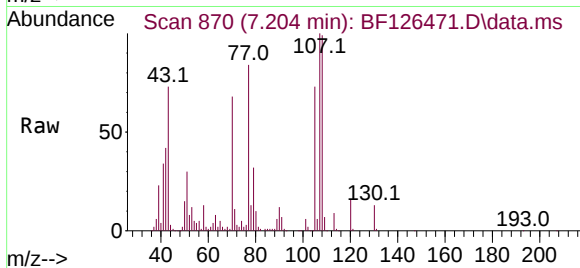
Acq: 4 Jan 2022 16:58

Instrument :

BNA_F

ClientSampleId :

DB-19-(40-45)-12-22-21MSD



Tgt Ion: 70 Resp: 31246

Ion Ratio Lower Upper

70 100

42 61.3 45.8 68.8

101 9.2 6.9 10.3

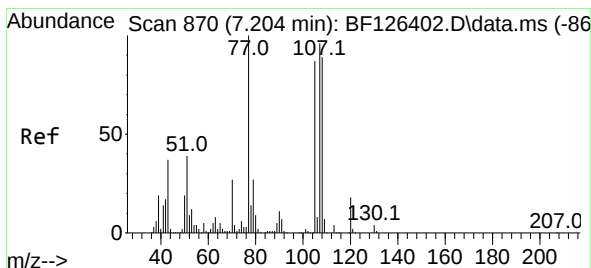
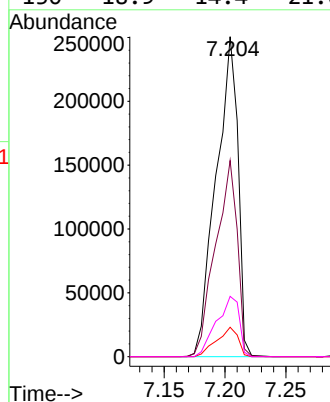
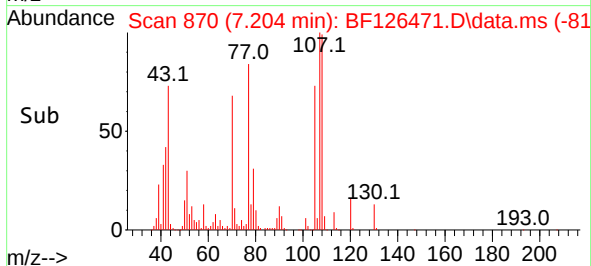
130 18.9 14.4 21.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/05/2022

Supervised By :Jagrut Upadhyay 01/05/2022



#20

3+4-Methylphenols

Concen: 43.685 ng

RT: 7.198 min Scan# 869

Delta R.T. 0.000 min

Lab File: BF126471.D

Acq: 4 Jan 2022 16:58

Tgt Ion:107 Resp: 429257

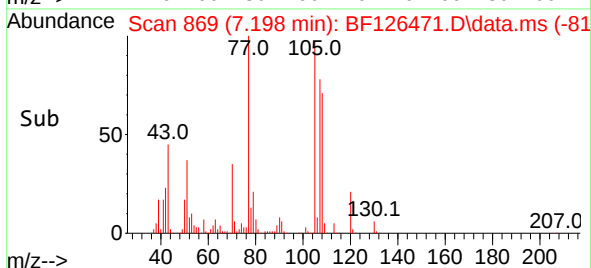
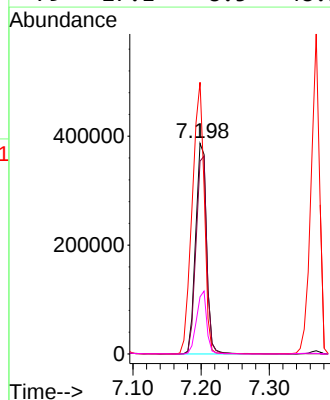
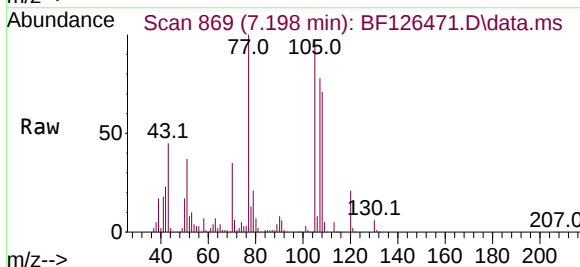
Ion Ratio Lower Upper

107 100

108 91.6 72.4 112.4

77 129.0 83.8 123.8#

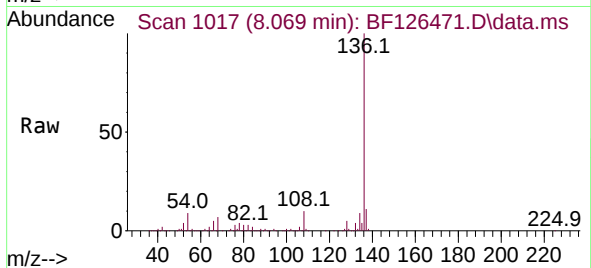
79 27.1 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

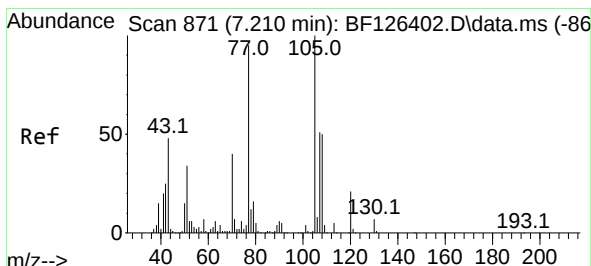
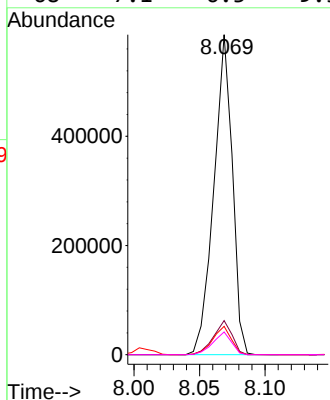
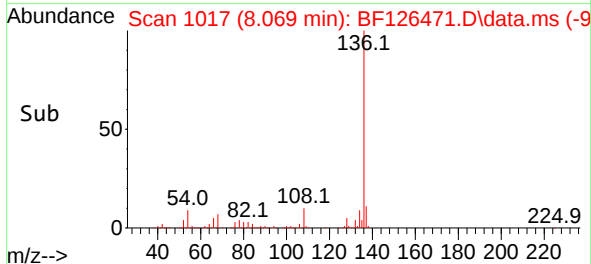


Tgt Ion:136 Resp: 57429

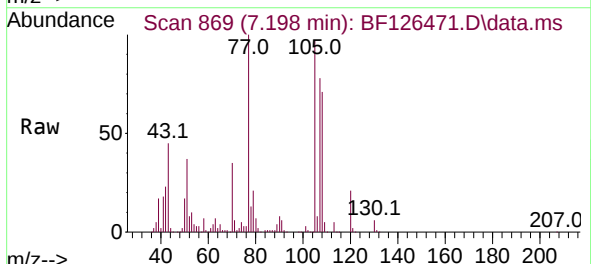
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.9	7.8	11.6
68	7.1	6.3	9.5

Manual Integrations
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Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

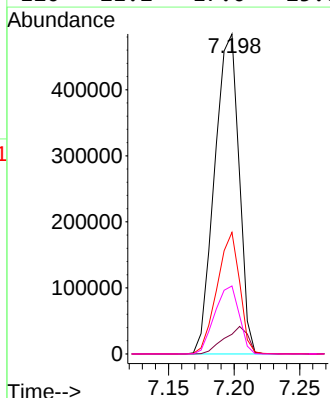
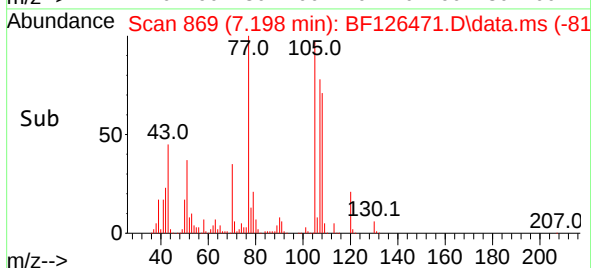


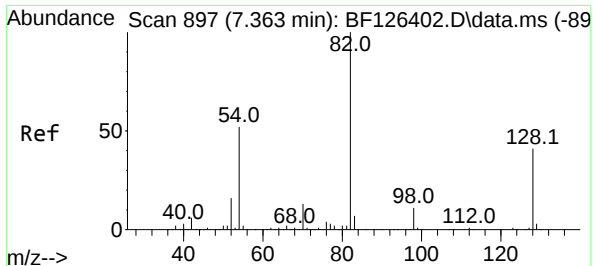
#22
Acetophenone
Concen: 47.153 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



Tgt Ion:105 Resp: 626029

Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.4	8.0
51	38.0	27.4	41.0
120	21.2	17.0	25.6





#23

Nitrobenzene-d5

Concen: 77.619 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF126471.D

Acq: 4 Jan 2022 16:58

Instrument :

BNA_F

ClientSampleId :

DB-19-(40-45)-12-22-21MSD

Tgt Ion: 82 Resp: 868140

Ion Ratio Lower Upper

82 100

128 42.8 32.7 49.1

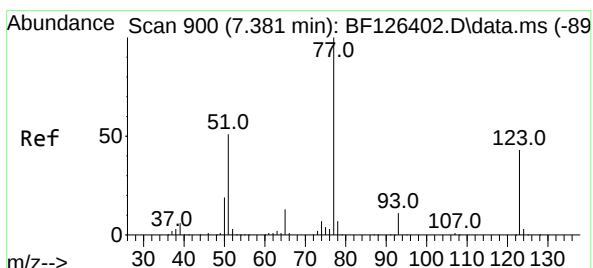
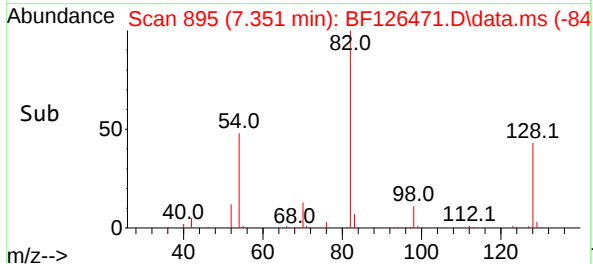
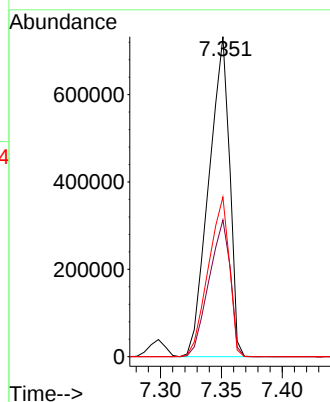
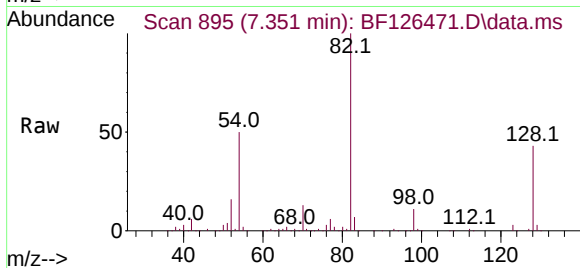
54 49.9 41.7 62.5

Manual Integrations

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Reviewed By :Christian Giraldo 01/05/2022

Supervised By :Jagrut Upadhyay 01/05/2022



#24

Nitrobenzene

Concen: 46.116 ng

RT: 7.369 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF126471.D

Acq: 4 Jan 2022 16:58

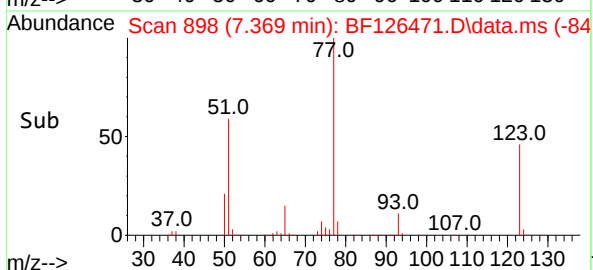
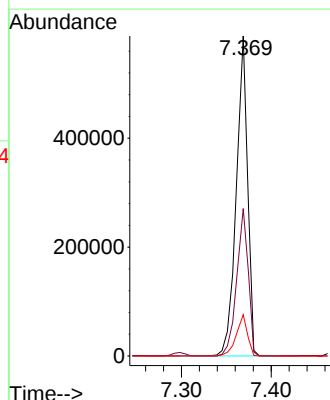
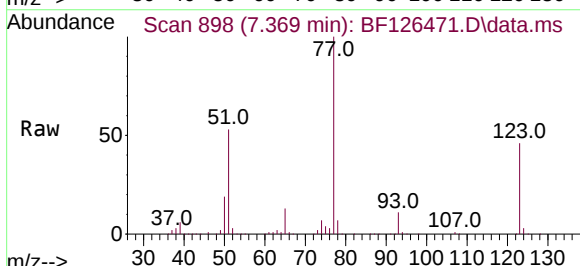
Tgt Ion: 77 Resp: 516151

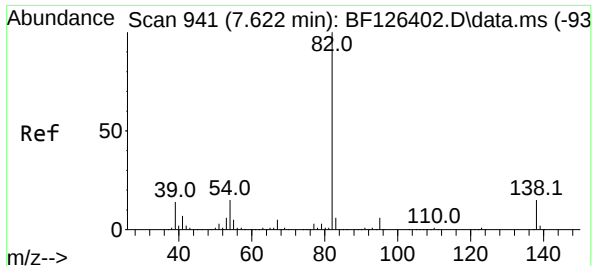
Ion Ratio Lower Upper

77 100

123 46.1 34.6 52.0

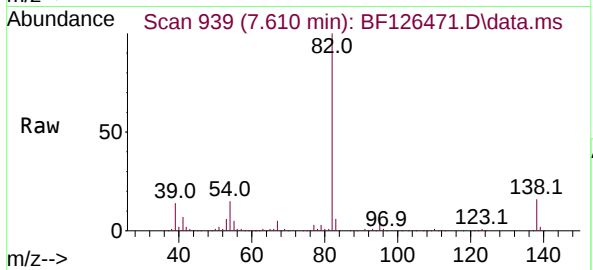
65 12.9 10.6 15.8





#25
Isophorone
Concen: 47.002 ng
RT: 7.610 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

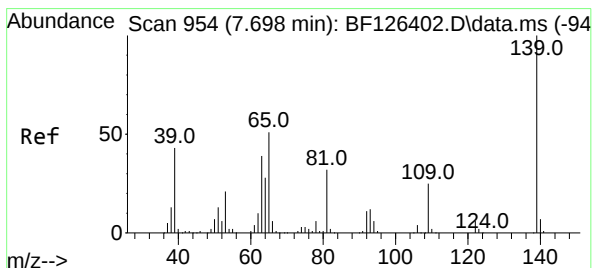
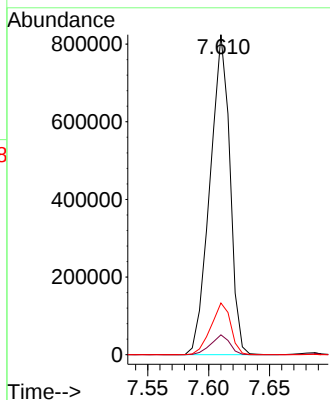
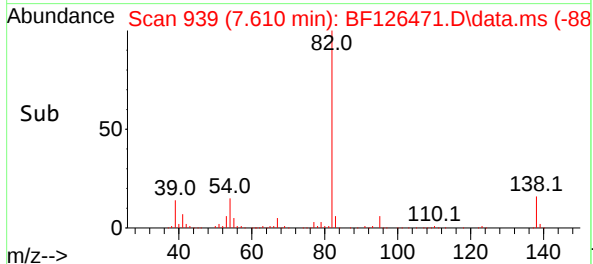
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



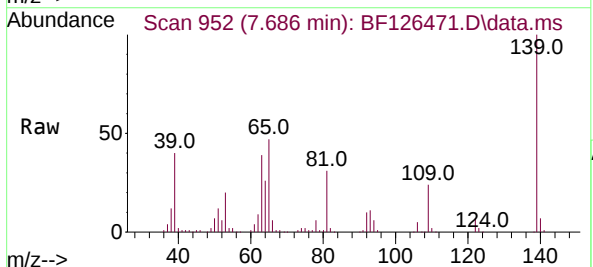
Tgt Ion: 82 Resp: 941080
Ion Ratio Lower Upper
82 100
95 6.2 5.0 7.4
138 16.2 12.3 18.5

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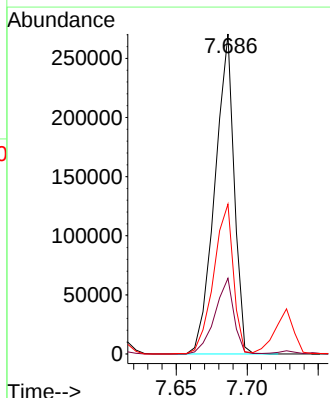
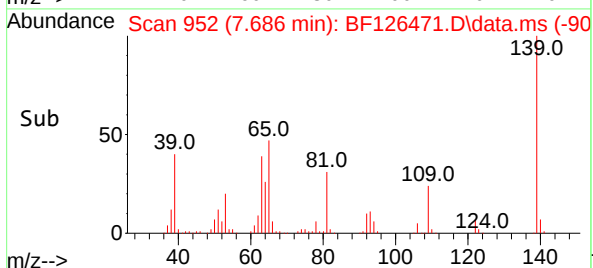
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

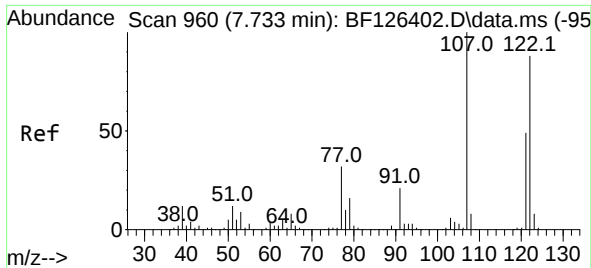


#26
2-Nitrophenol
Concen: 51.470 ng
RT: 7.686 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



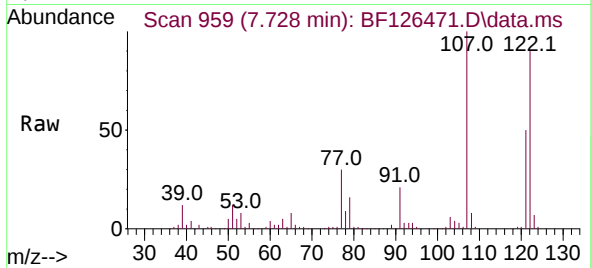
Tgt Ion:139 Resp: 255375
Ion Ratio Lower Upper
139 100
109 23.6 20.0 30.0
65 46.8 40.8 61.2





#27
2,4-Dimethylphenol
Concen: 51.045 ng
RT: 7.728 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

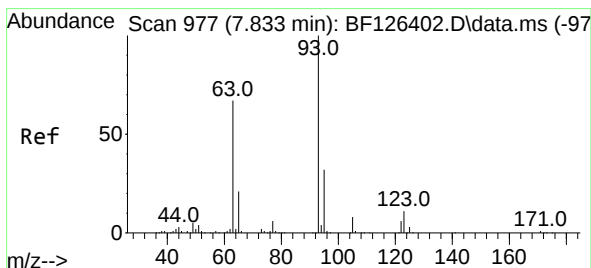
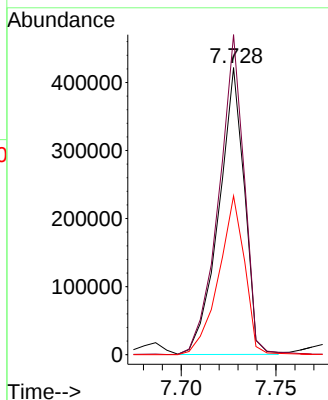
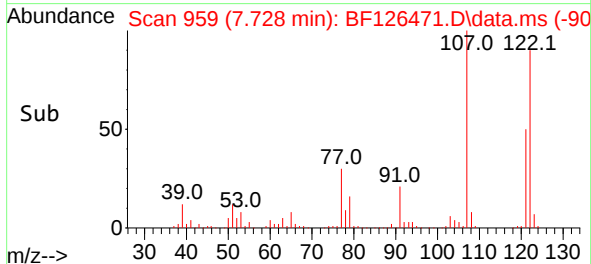
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



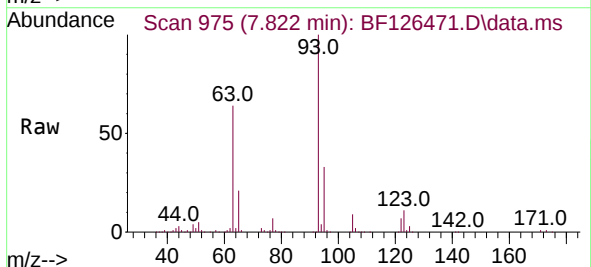
Tgt Ion:122 Resp: 396010
Ion Ratio Lower Upper
122 100
107 111.5 91.2 136.8
121 55.3 44.4 66.6

Manual Integrations
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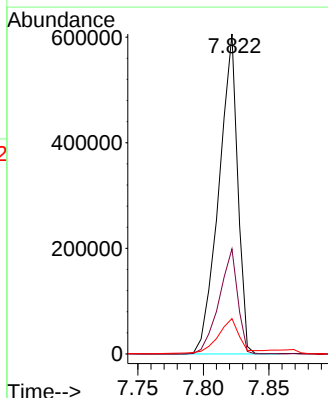
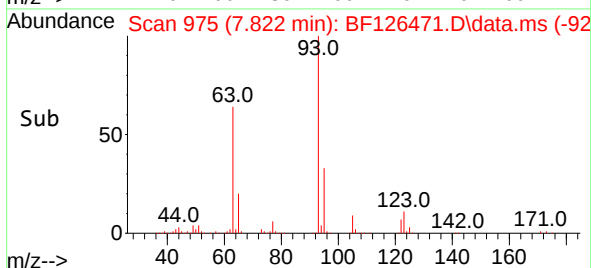
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

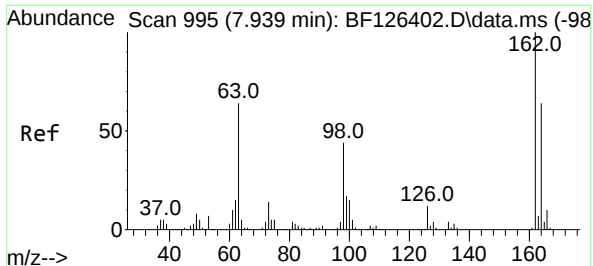


#28
bis(2-Chloroethoxy)methane
Concen: 46.362 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



Tgt Ion: 93 Resp: 606403
Ion Ratio Lower Upper
93 100
95 32.8 25.4 38.2
123 11.1 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 49.486 ng

RT: 7.934 min Scan# 995

Delta R.T. 0.006 min

Lab File: BF126471.D

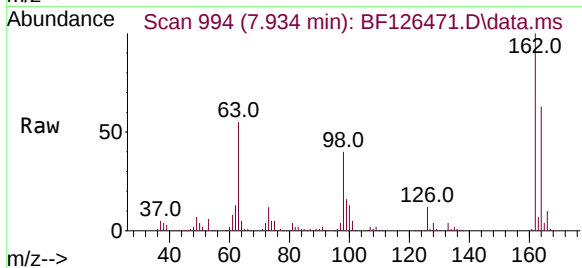
Acq: 4 Jan 2022 16:58

Instrument :

BNA_F

ClientSampleId :

DB-19-(40-45)-12-22-21MSD

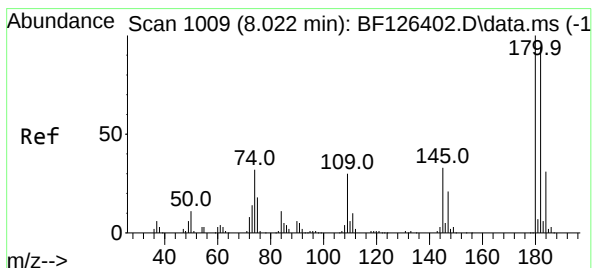
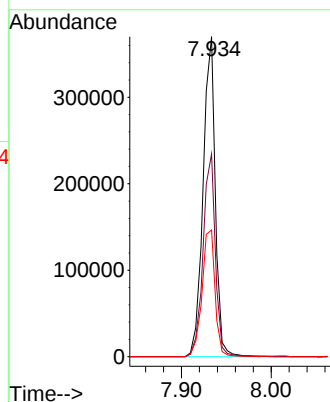
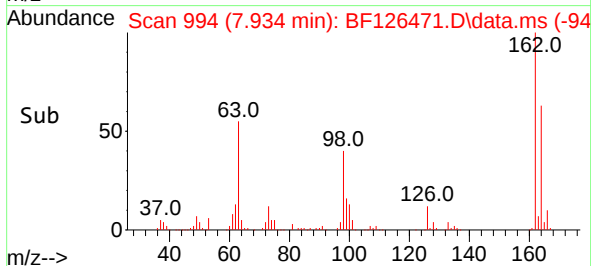


Tgt Ion:	162	Resp:	350558
Ion Ratio	Lower	Upper	
162	100		
164	63.3	43.8	83.8
98	39.6	23.6	63.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#30

1,2,4-Trichlorobenzene

Concen: 49.241 ng

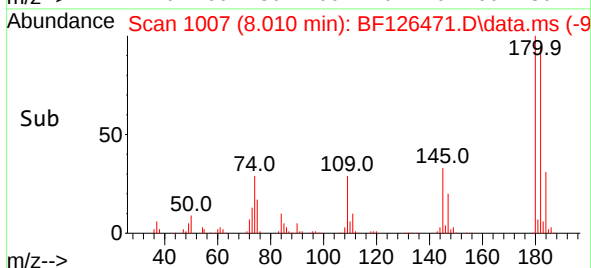
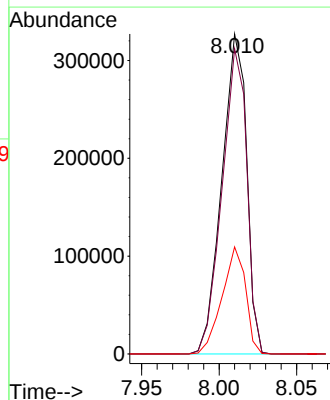
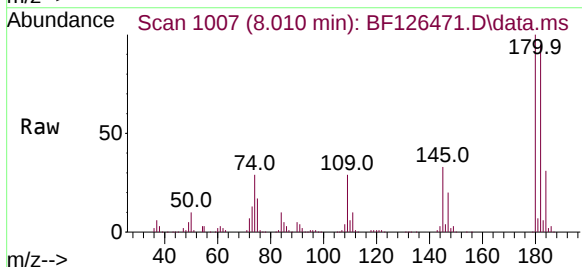
RT: 8.010 min Scan# 1007

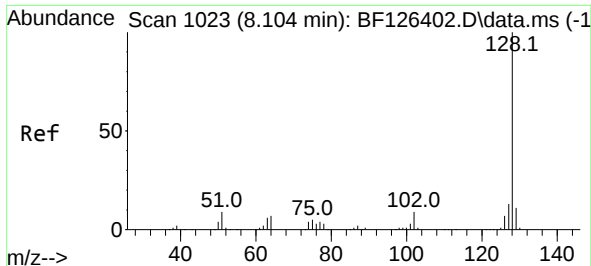
Delta R.T. 0.000 min

Lab File: BF126471.D

Acq: 4 Jan 2022 16:58

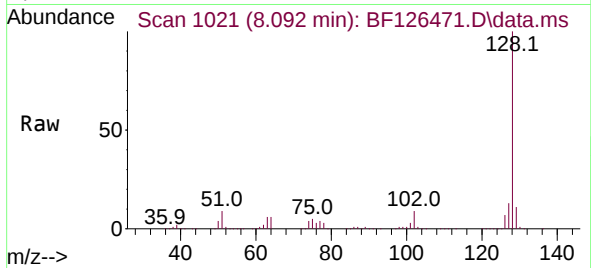
Tgt Ion:	180	Resp:	363545
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.5	113.3
145	33.5	26.2	39.2





#31
Naphthalene
Concen: 48.559 ng
RT: 8.092 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

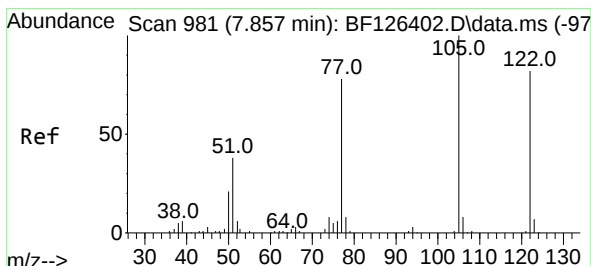
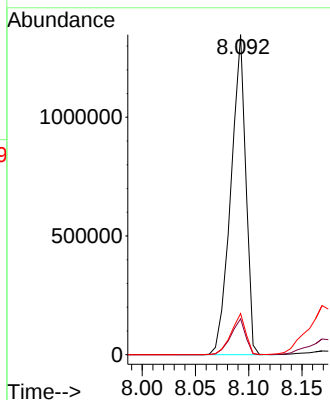
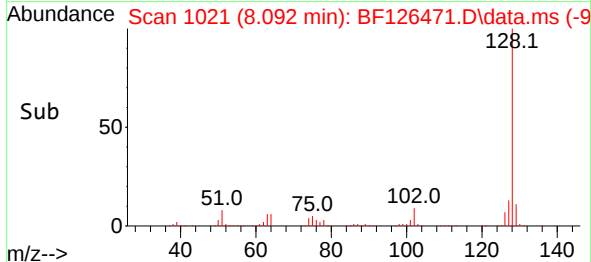
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



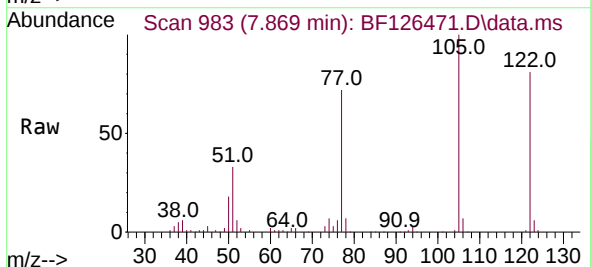
Tgt Ion:128 Resp: 1316279
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 12.9 10.3 15.5

Manual Integrations
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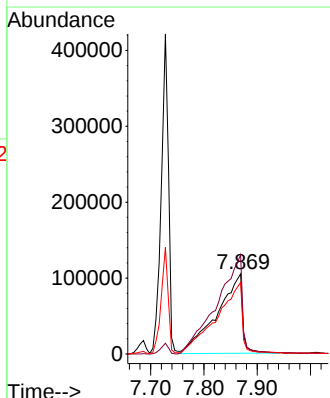
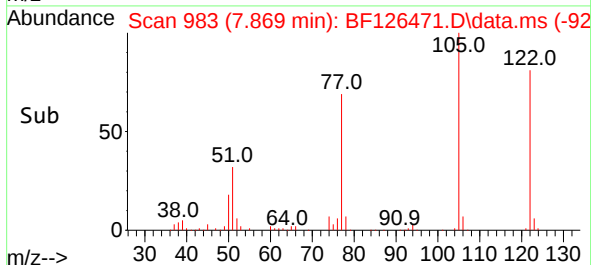
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

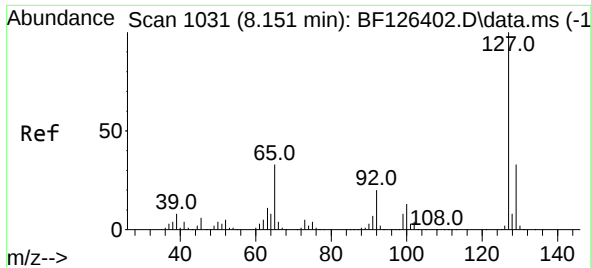


#32
Benzoic acid
Concen: 60.014 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.024 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



Tgt Ion:122 Resp: 349466
Ion Ratio Lower Upper
122 100
105 123.9 101.0 141.0
77 89.4 74.5 114.5





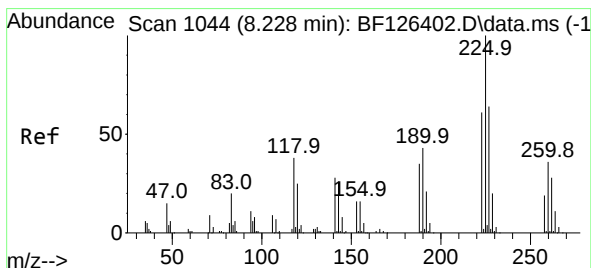
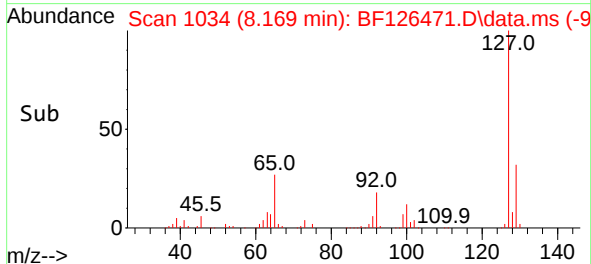
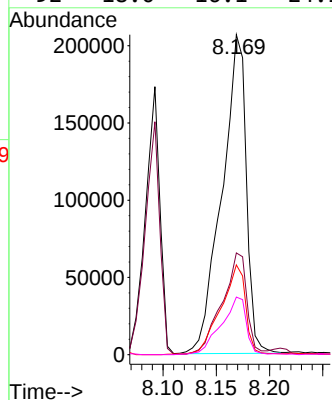
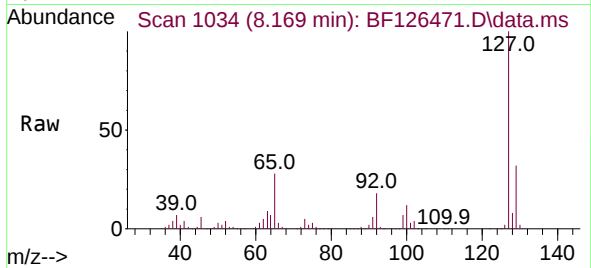
#33
4-Chloroaniline
Concen: 28.953 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.029 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

Tgt Ion:127 Resp: 32878
Ion Ratio Lower Upper
127 100
129 31.8 26.5 39.7
65 28.0 26.6 39.8
92 18.0 16.1 24.1

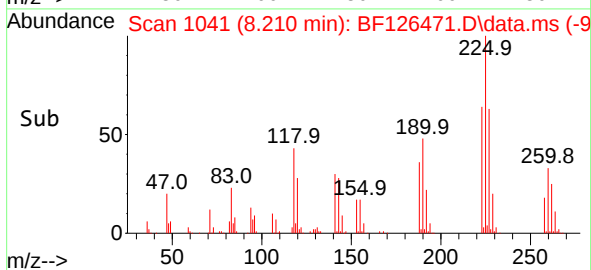
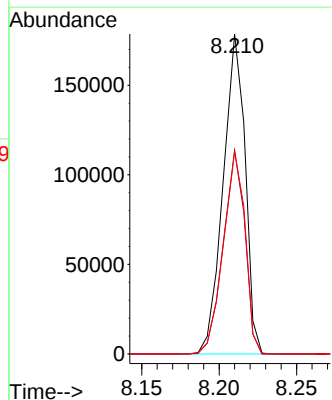
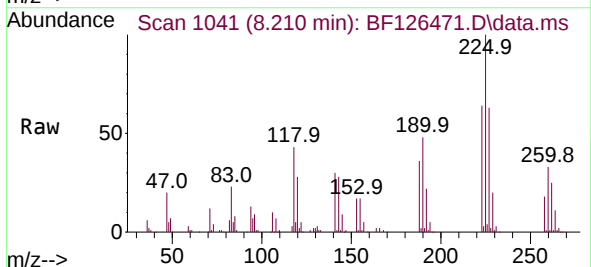
Manual Integrations
APPROVED

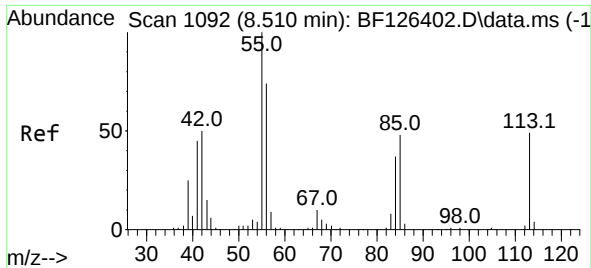
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#34
Hexachlorobutadiene
Concen: 48.959 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

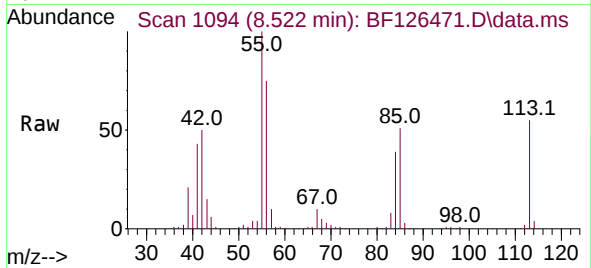
Tgt Ion:225 Resp: 175686
Ion Ratio Lower Upper
225 100
223 63.6 48.6 73.0
227 63.3 51.4 77.0





#35
Caprolactam
Concen: 76.818 ng m
RT: 8.522 min Scan# 1092
Delta R.T. 0.018 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

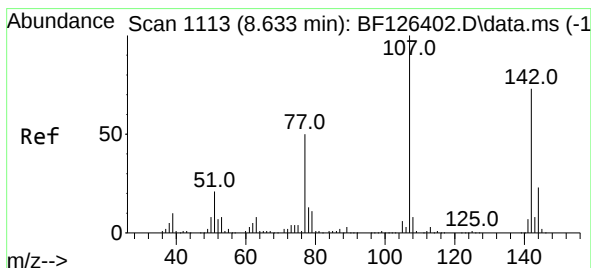
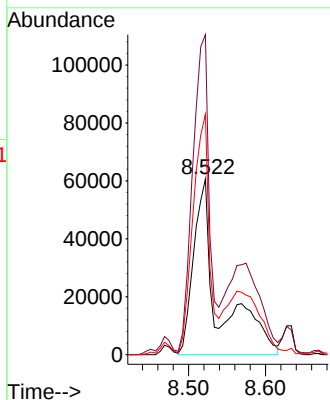
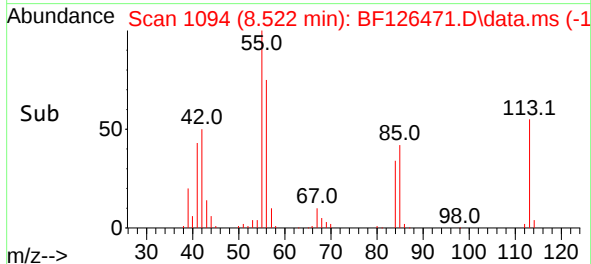
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



Tgt Ion:113 Resp: 138430
Ion Ratio Lower Upper
113 100
55 182.1 183.9 223.9
56 136.8 129.9 169.9

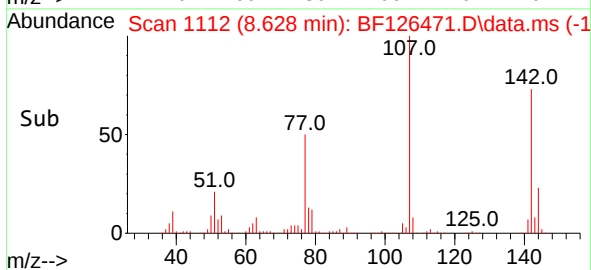
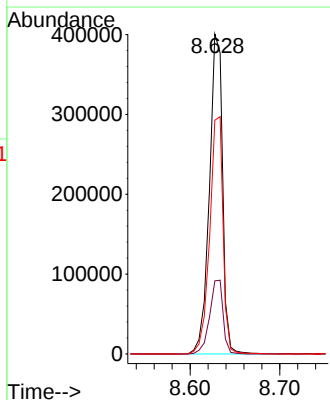
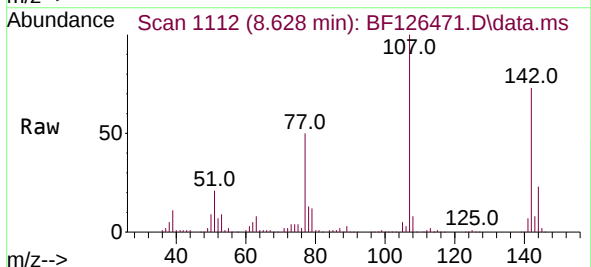
Manual Integrations
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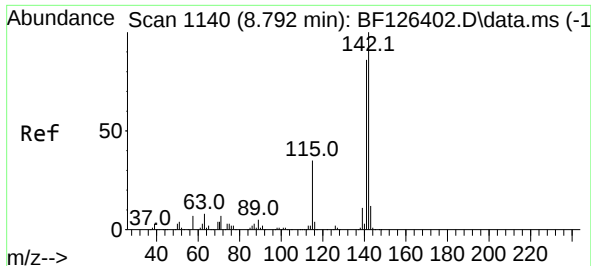
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#36
4-Chloro-3-methylphenol
Concen: 47.290 ng
RT: 8.628 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion:107 Resp: 408842
Ion Ratio Lower Upper
107 100
144 22.9 18.5 27.7
142 73.1 58.1 87.1





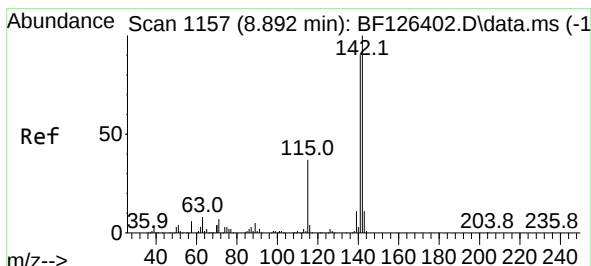
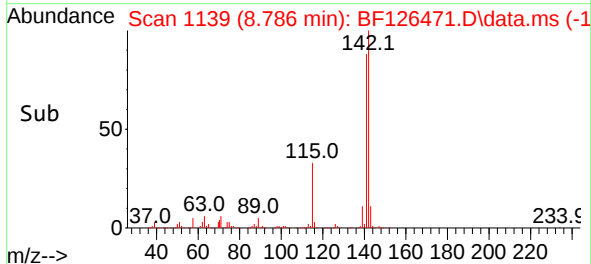
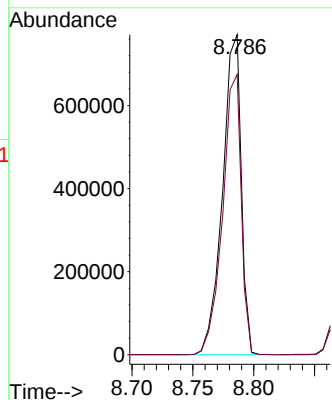
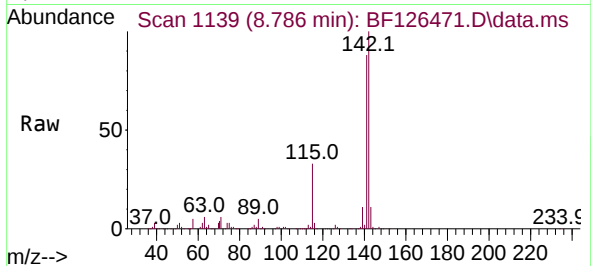
#37
2-Methylnaphthalene
Concen: 51.578 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

Tgt Ion:142 Resp: 824762
Ion Ratio Lower Upper
142 100
141 87.5 68.6 102.8

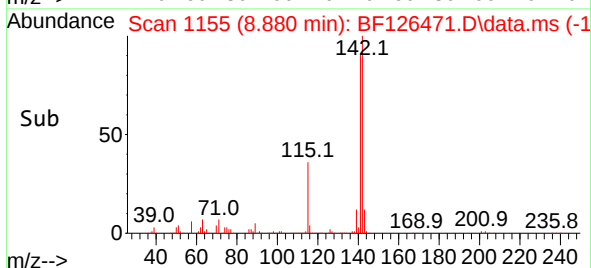
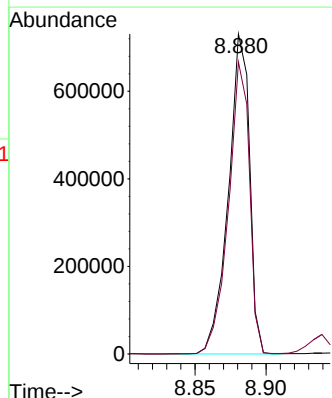
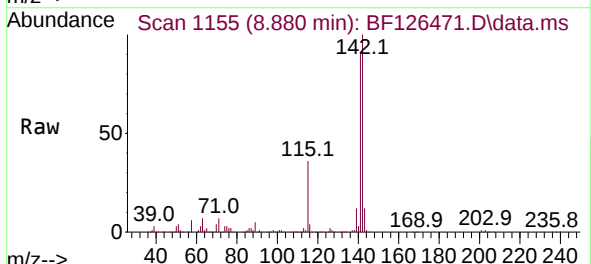
Manual Integrations
APPROVED

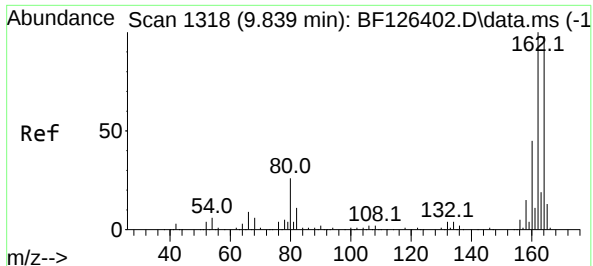
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#38
1-Methylnaphthalene
Concen: 49.031 ng
RT: 8.880 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion:142 Resp: 758027
Ion Ratio Lower Upper
142 100
141 91.3 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF126471.D

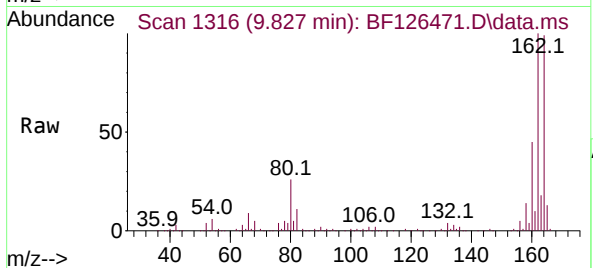
Acq: 4 Jan 2022 16:58

Instrument :

BNA_F

ClientSampleId :

DB-19-(40-45)-12-22-21MSD



Tgt Ion:164 Resp: 26433

Ion Ratio Lower Upper

164 100

162 101.3 81.4 122.0

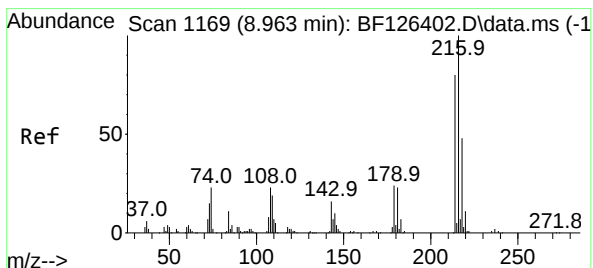
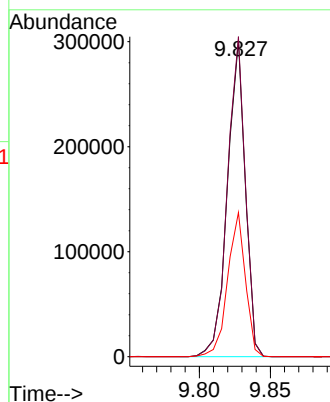
160 45.6 36.6 54.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/05/2022

Supervised By :Jagrut Upadhyay 01/05/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.298 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF126471.D

Acq: 4 Jan 2022 16:58

Tgt Ion:216 Resp: 277427

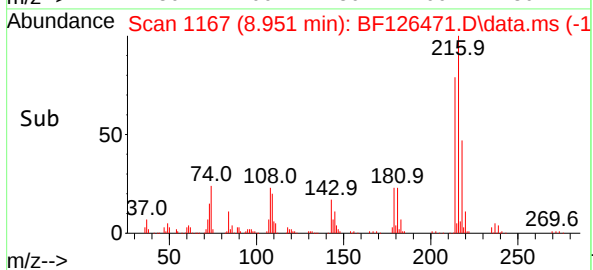
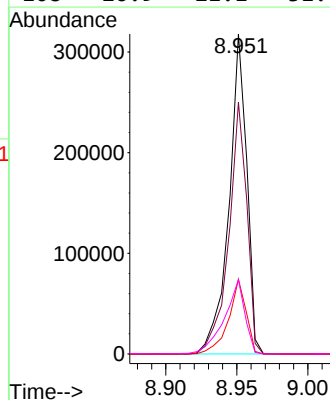
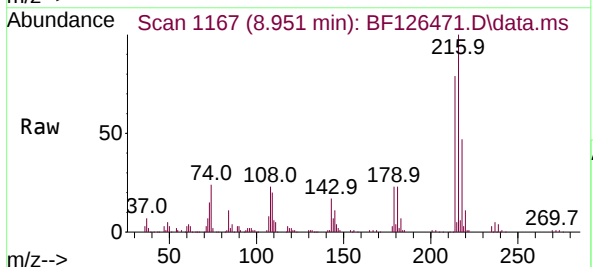
Ion Ratio Lower Upper

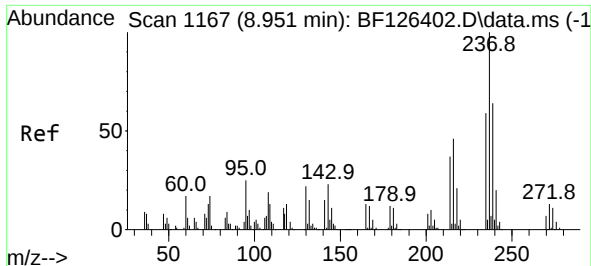
216 100

214 79.5 64.6 96.8

179 23.2 19.5 29.3

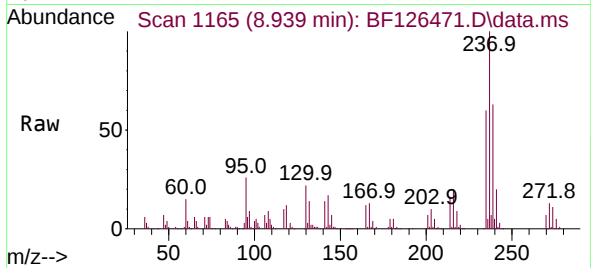
108 26.9 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 129.248 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

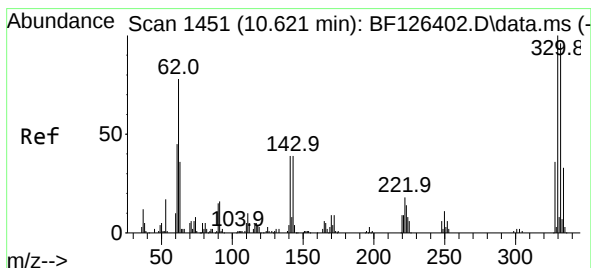
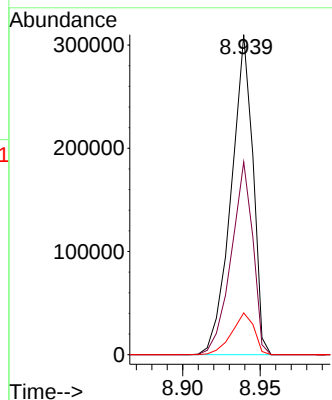
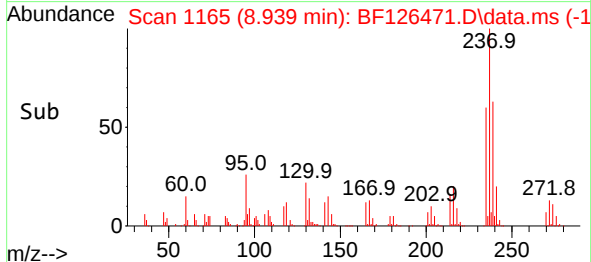
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



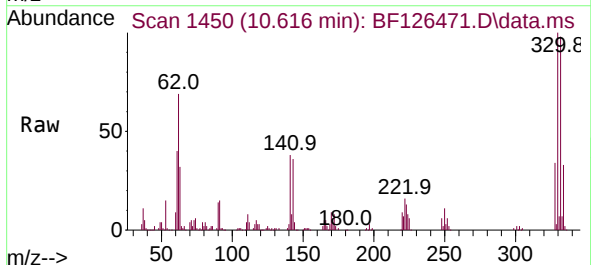
Tgt Ion:237 Resp: 302264
Ion Ratio Lower Upper
237 100
235 60.2 38.9 78.9
272 13.1 0.0 33.5

Manual Integrations
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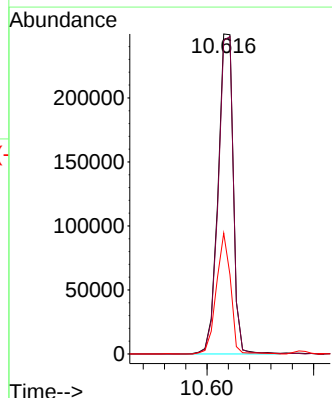
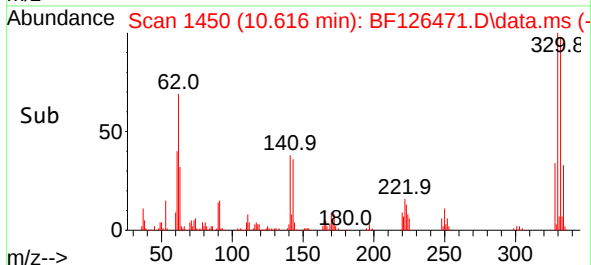
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

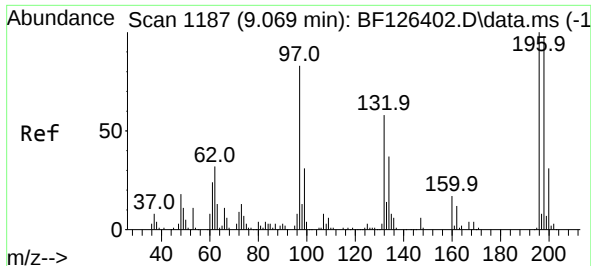


#42
2,4,6-Tribromophenol
Concen: 120.888 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



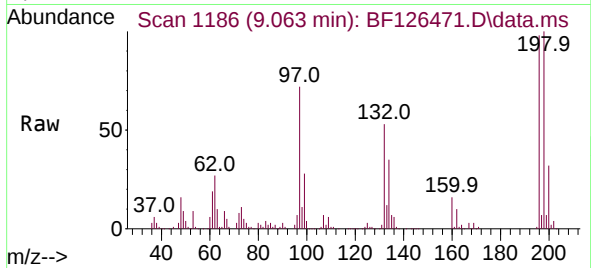
Tgt Ion:330 Resp: 246933
Ion Ratio Lower Upper
330 100
332 98.2 76.0 114.0
141 35.3 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 49.884 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

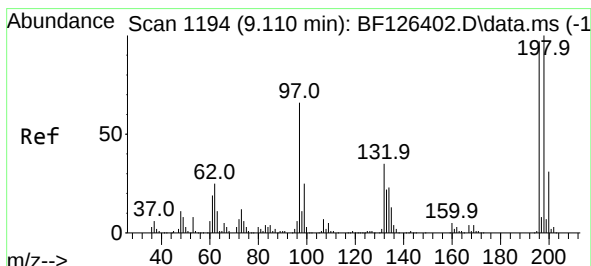
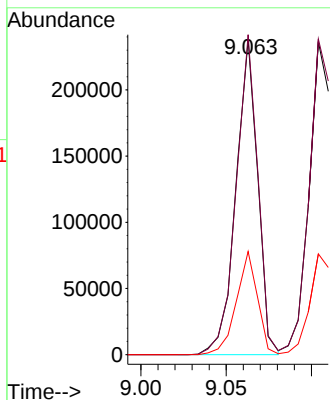
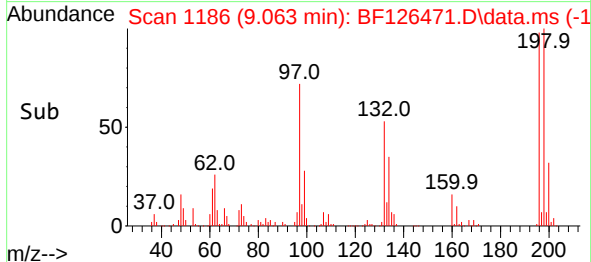
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



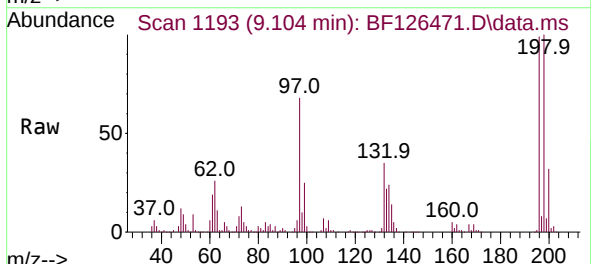
Tgt Ion:196 Resp: 211900
Ion Ratio Lower Upper
196 100
198 101.7 78.5 117.7
200 32.8 24.9 37.3

Manual Integrations
APPROVED

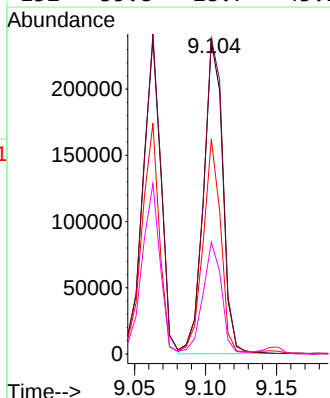
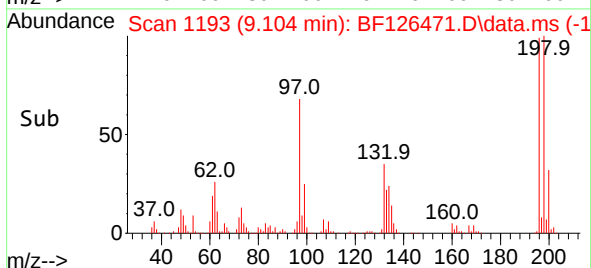
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

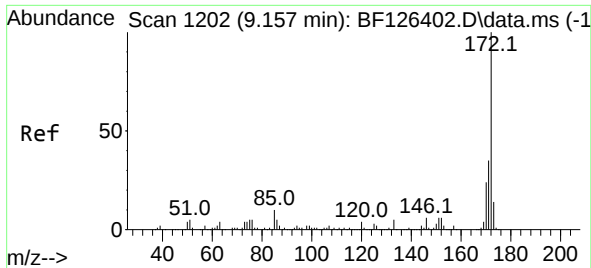


#44
2,4,5-Trichlorophenol
Concen: 48.590 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



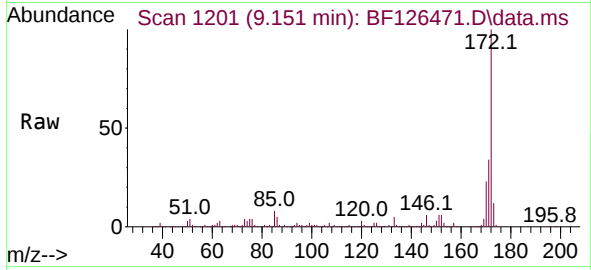
Tgt Ion:196 Resp: 222173
Ion Ratio Lower Upper
196 100
198 100.9 82.0 123.0
97 68.6 53.5 80.3
132 35.8 28.7 43.1





#45
2-Fluorobiphenyl
Concen: 75.683 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

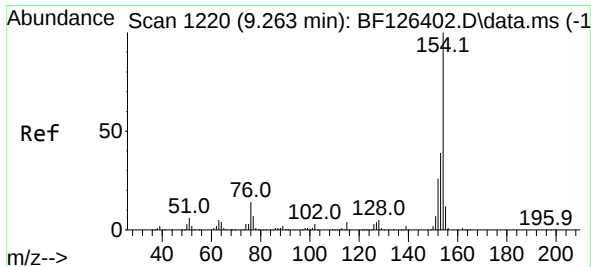
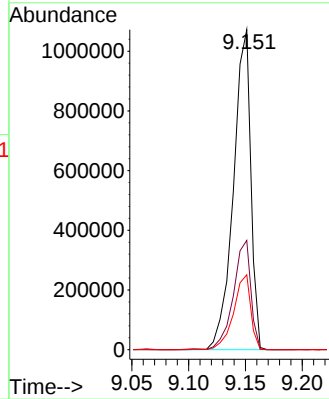
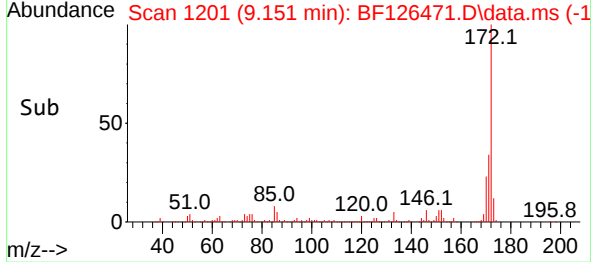
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



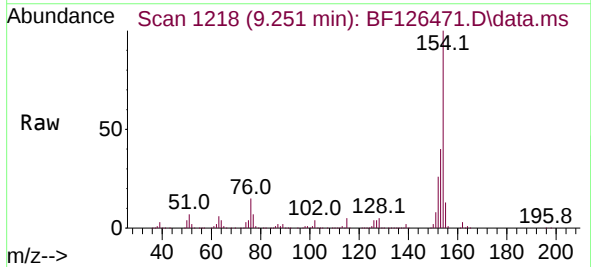
Tgt Ion:172 Resp: 1136878
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 23.4 19.0 28.6

Manual Integrations
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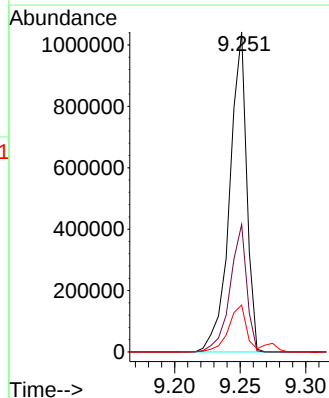
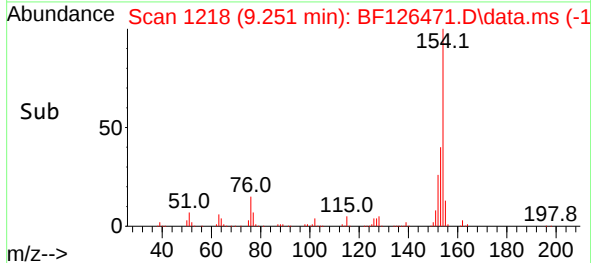
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

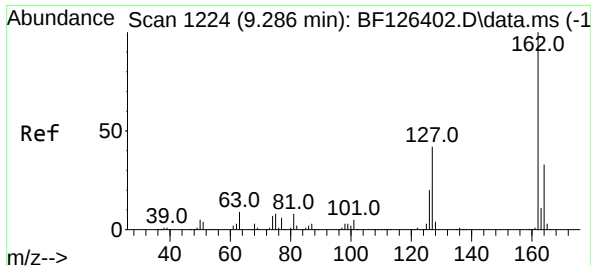


#46
1,1'-Biphenyl
Concen: 48.476 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



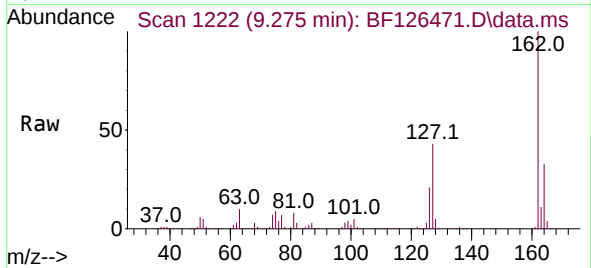
Tgt Ion:154 Resp: 939826
Ion Ratio Lower Upper
154 100
153 39.9 19.0 59.0
76 14.6 0.0 34.5





#47
2-Chloronaphthalene
Concen: 47.976 ng
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

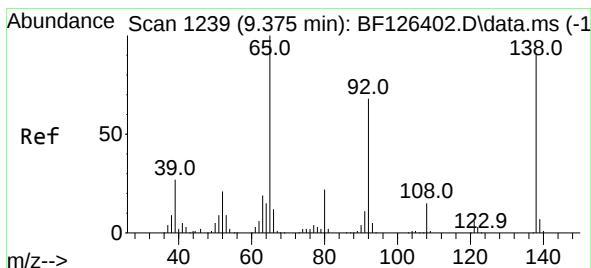
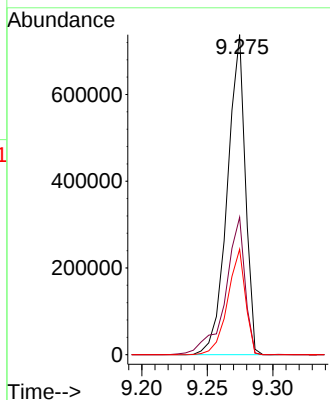
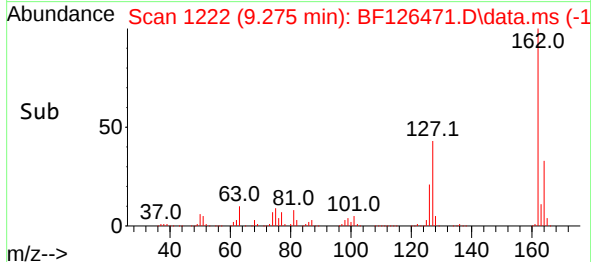
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



Tgt Ion:162 Resp: 704512
Ion Ratio Lower Upper
162 100
127 42.9 33.5 50.3
164 33.0 26.2 39.4

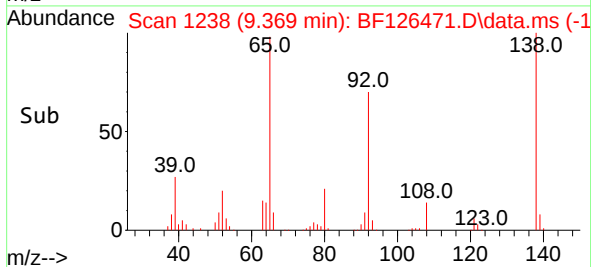
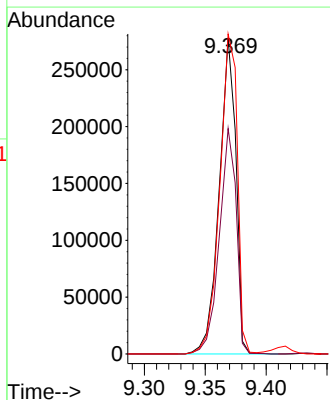
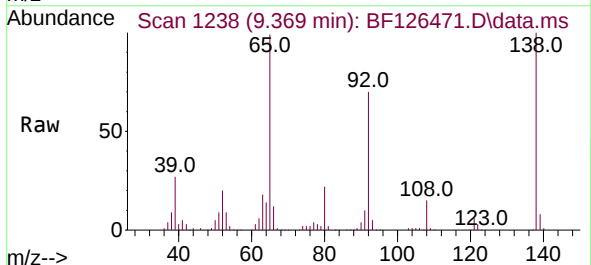
Manual Integrations
APPROVED

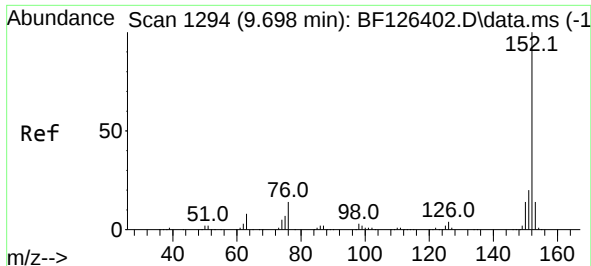
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#48
2-Nitroaniline
Concen: 44.703 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion: 65 Resp: 265083
Ion Ratio Lower Upper
65 100
92 71.4 54.4 81.6
138 101.4 72.5 108.7





#49

Acenaphthylene

Concen: 48.278 ng

RT: 9.686 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF126471.D

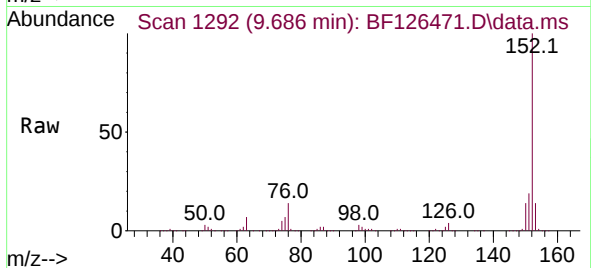
Acq: 4 Jan 2022 16:58

Instrument :

BNA_F

ClientSampleId :

DB-19-(40-45)-12-22-21MSD



Tgt Ion:152 Resp: 1075230

Ion Ratio Lower Upper

152 100

151 19.3 15.7 23.5

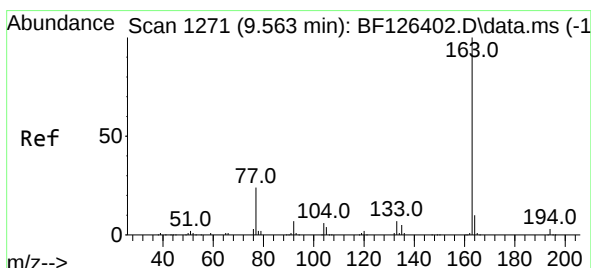
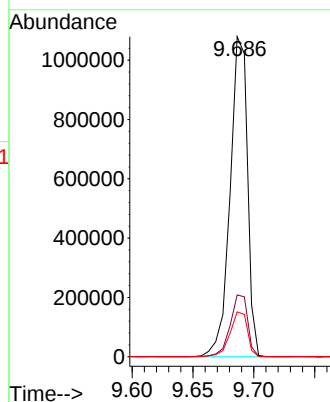
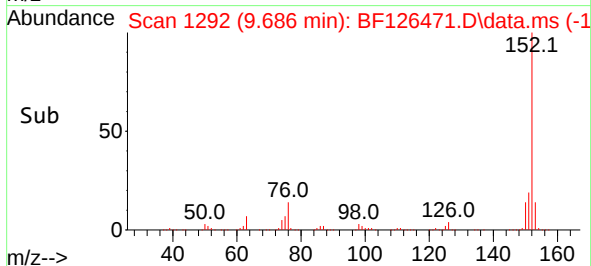
153 14.0 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2022

Supervised By :Jagrut Upadhyay 01/05/2022



#50

Dimethylphthalate

Concen: 47.385 ng

RT: 9.557 min Scan# 1270

Delta R.T. 0.006 min

Lab File: BF126471.D

Acq: 4 Jan 2022 16:58

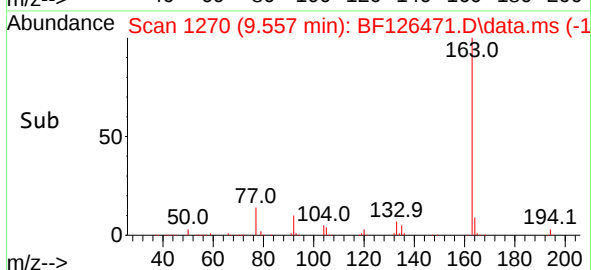
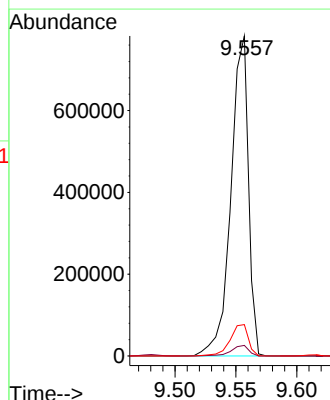
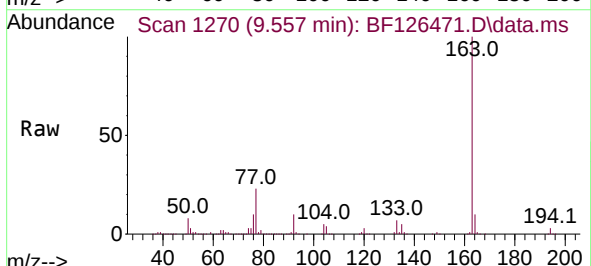
Tgt Ion:163 Resp: 781938

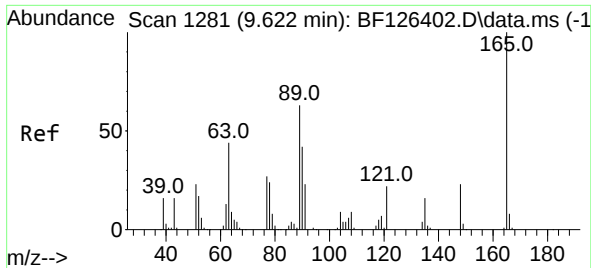
Ion Ratio Lower Upper

163 100

194 3.3 2.6 3.8

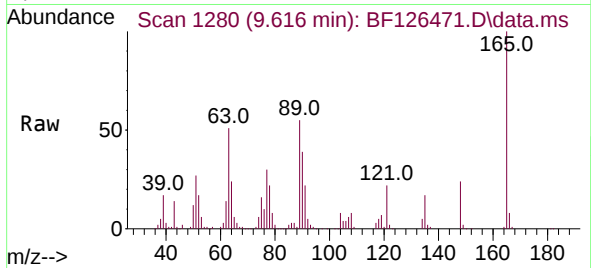
164 9.8 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 51.305 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

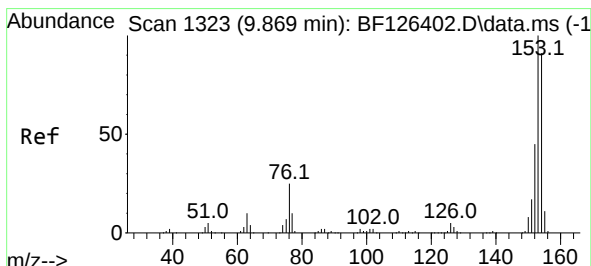
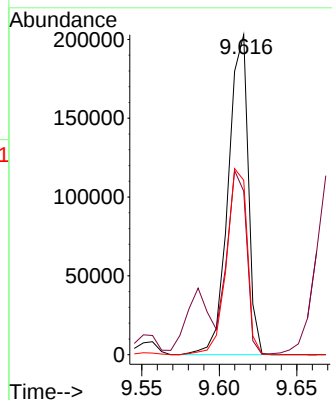
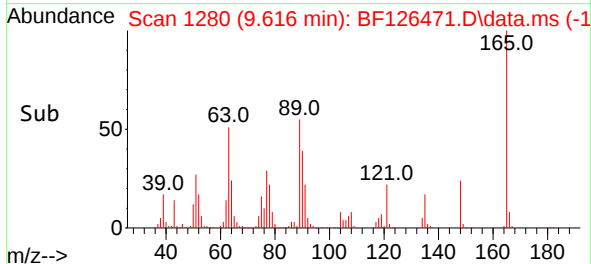
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



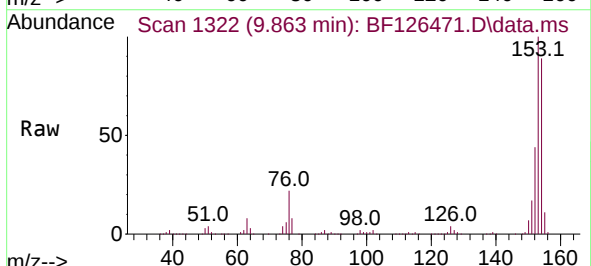
Tgt Ion:165 Resp: 182839
Ion Ratio Lower Upper
165 100
63 51.1 48.4 72.6
89 54.5 50.5 75.7

Manual Integrations
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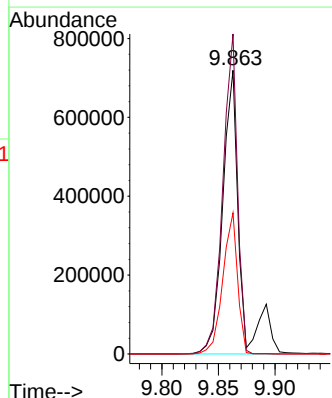
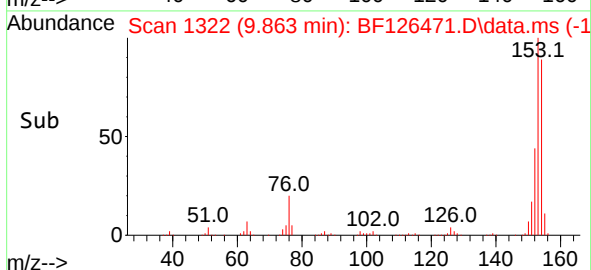
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

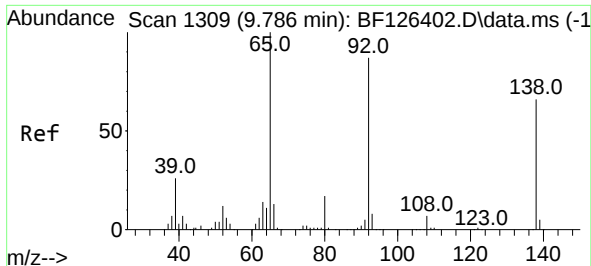


#52
Acenaphthene
Concen: 52.124 ng m
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



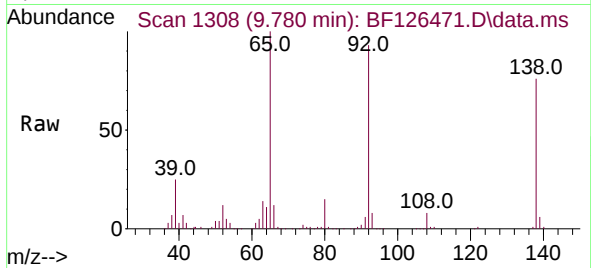
Tgt Ion:154 Resp: 761072
Ion Ratio Lower Upper
154 100
153 112.8 87.8 131.6
152 49.8 39.4 59.2





#53
3-Nitroaniline
Concen: 33.077 ng
RT: 9.780 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

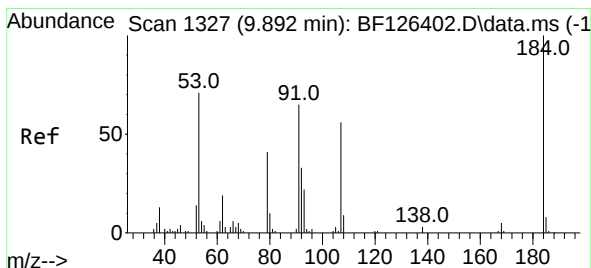
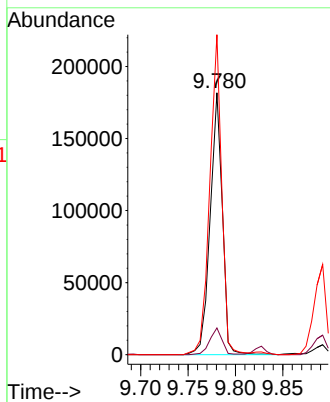
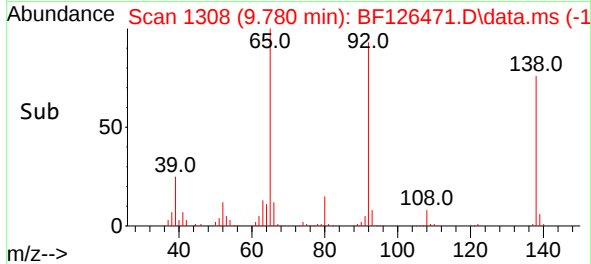
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



Tgt Ion:138 Resp: 161620
Ion Ratio Lower Upper
138 100
108 10.2 8.6 13.0
92 122.1 105.0 157.6

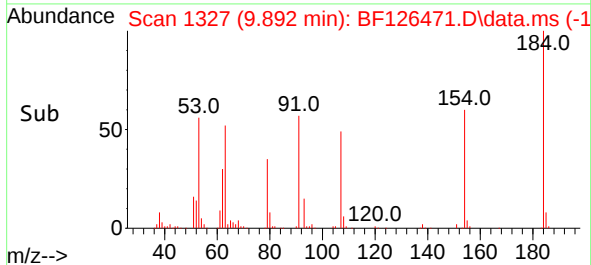
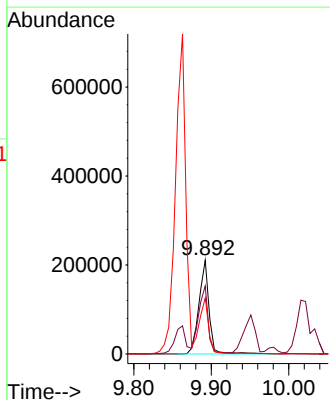
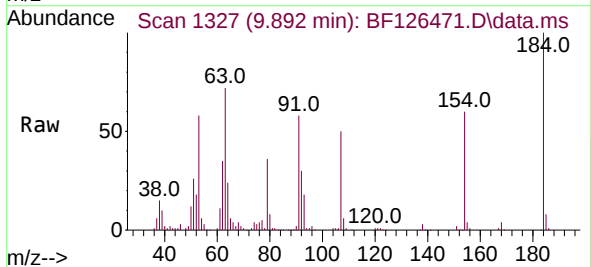
Manual Integrations
APPROVED

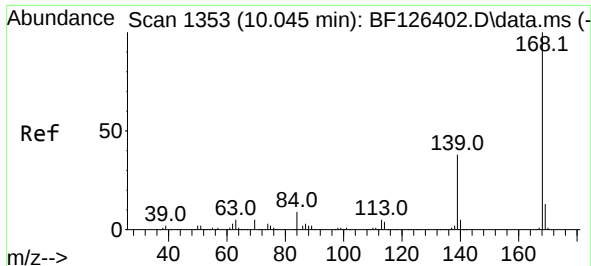
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#54
2,4-Dinitrophenol
Concen: 104.059 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

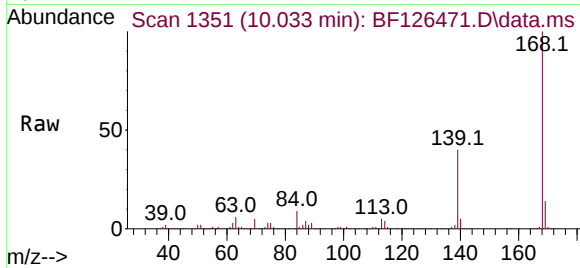
Tgt Ion:184 Resp: 192896
Ion Ratio Lower Upper
184 100
63 72.5 70.4 105.6
154 59.8 49.7 74.5





#55
Dibenzofuran
Concen: 46.294 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

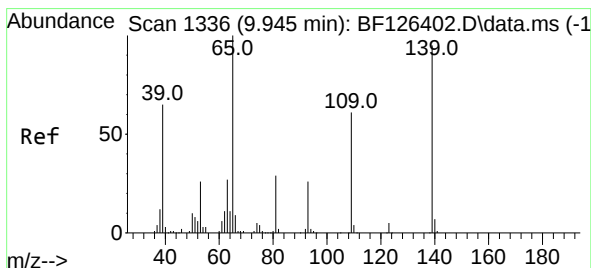
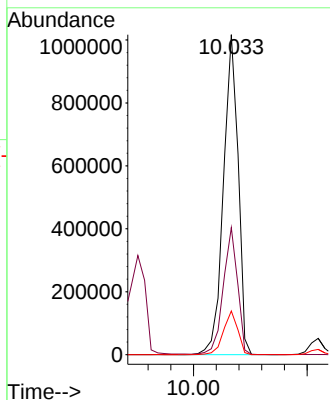
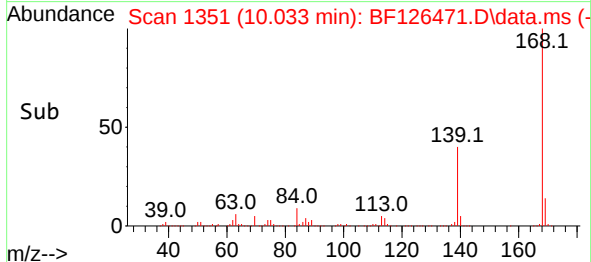
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



Tgt Ion:168 Resp: 913789
Ion Ratio Lower Upper
168 100
139 39.7 30.6 46.0
169 13.6 10.0 15.0

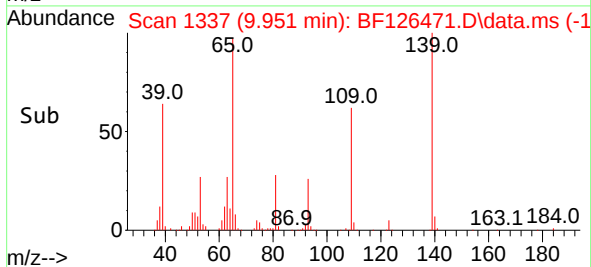
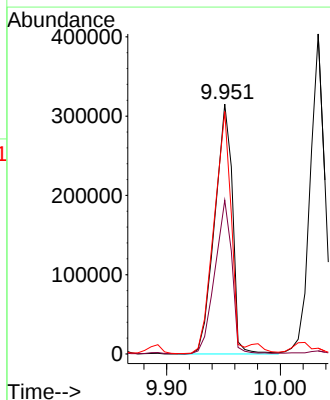
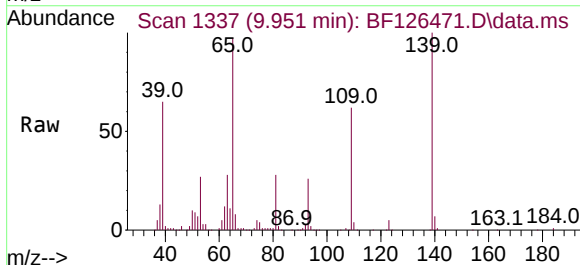
Manual Integrations
APPROVED

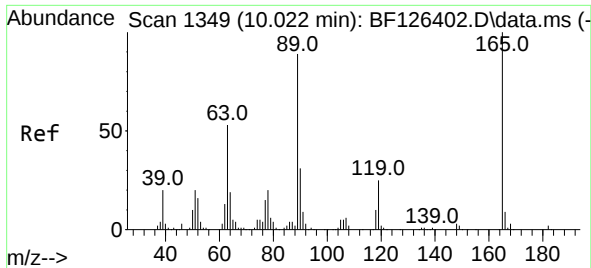
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#56
4-Nitrophenol
Concen: 98.424 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

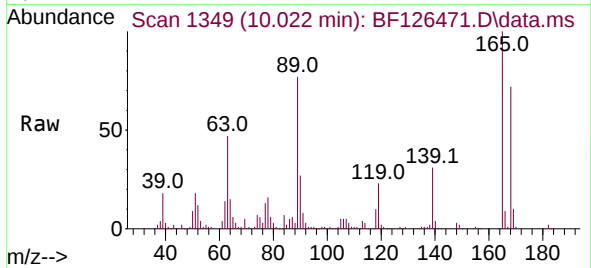
Tgt Ion:139 Resp: 342034
Ion Ratio Lower Upper
139 100
109 61.6 44.1 84.1
65 97.0 85.5 125.5





#57
2,4-Dinitrotoluene
Concen: 51.096 ng
RT: 10.022 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

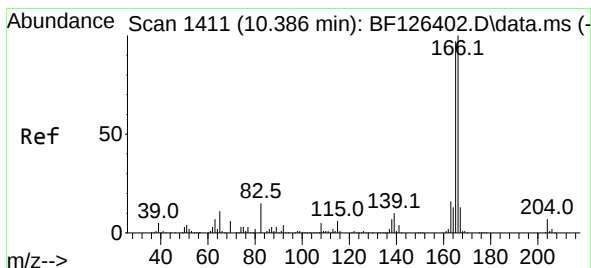
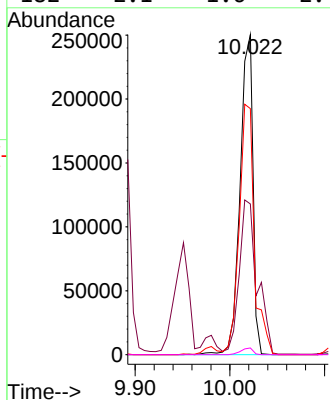
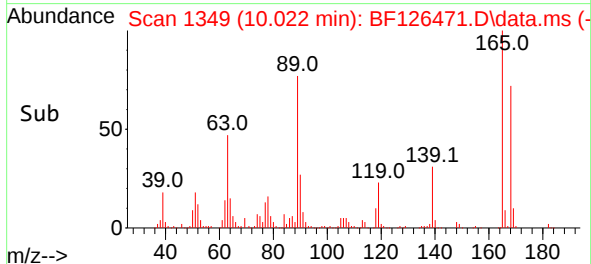
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



Tgt Ion:165 Resp: 234930
Ion Ratio Lower Upper
165 100
63 47.1 43.0 64.6
89 76.9 71.0 106.4
182 2.1 1.6 2.4

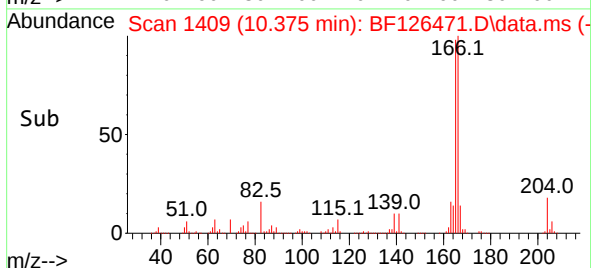
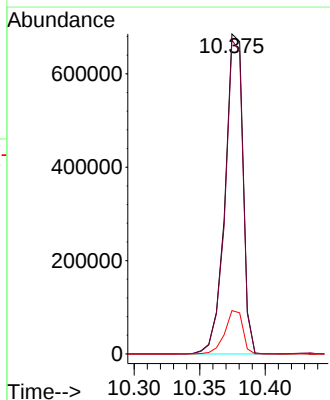
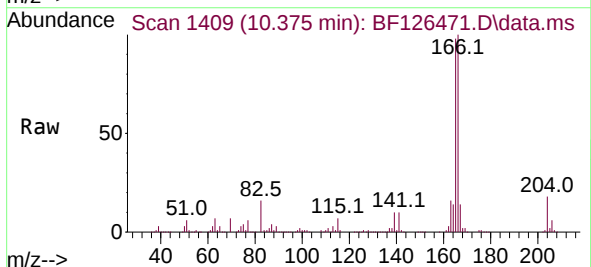
Manual Integrations
APPROVED

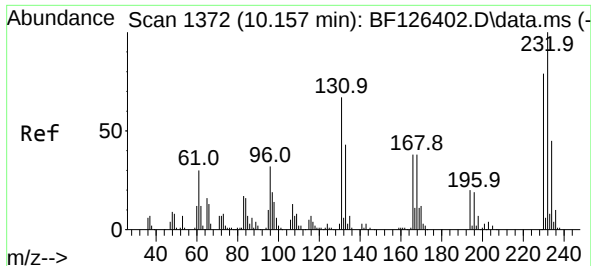
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#58
Fluorene
Concen: 46.890 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

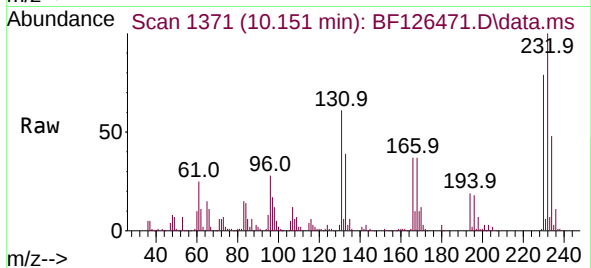
Tgt Ion:166 Resp: 654398
Ion Ratio Lower Upper
166 100
165 98.1 77.7 116.5
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.989 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

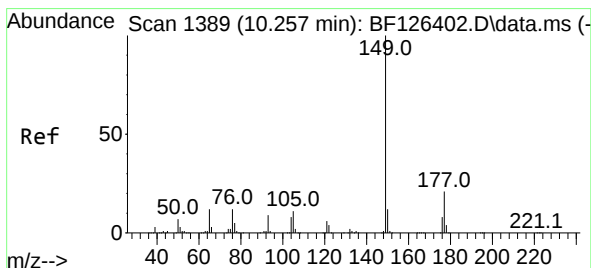
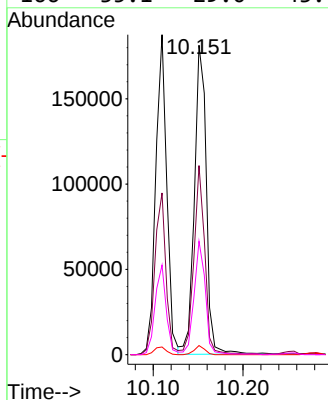
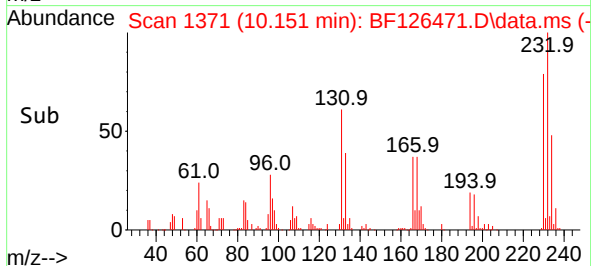
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



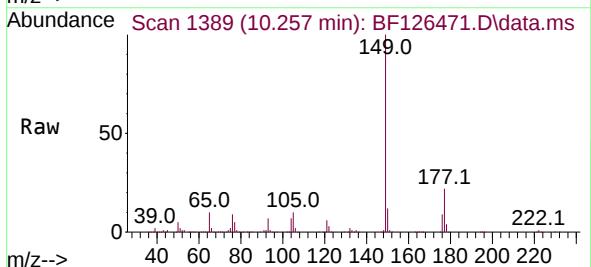
Tgt Ion:232 Resp: 167338
Ion Ratio Lower Upper
232 100
131 55.1 50.0 75.0
130 2.6 2.2 3.2
166 35.1 29.0 43.4

Manual Integrations
APPROVED

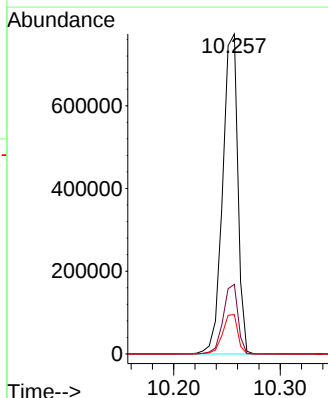
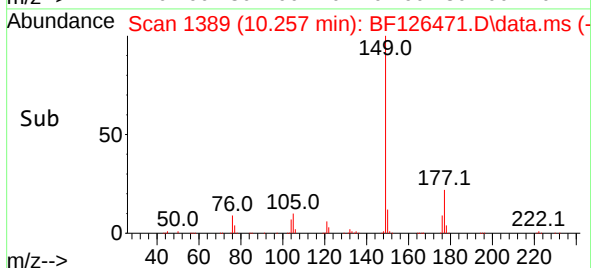
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

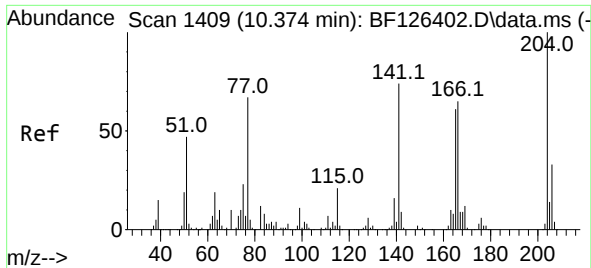


#60
Diethylphthalate
Concen: 47.934 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



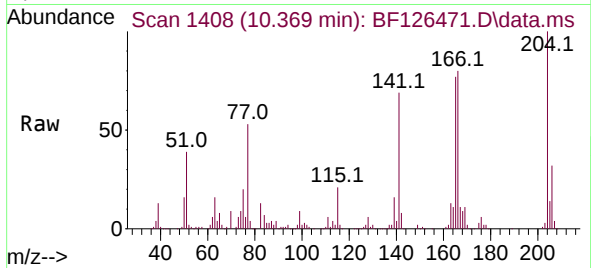
Tgt Ion:149 Resp: 762334
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.3 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 46.439 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

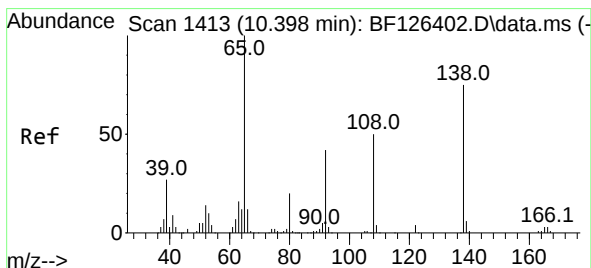
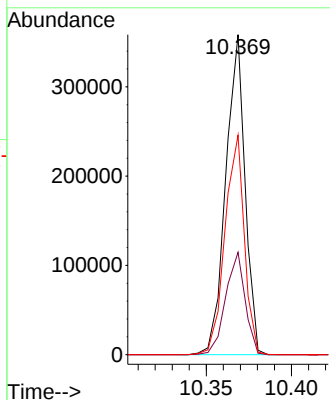
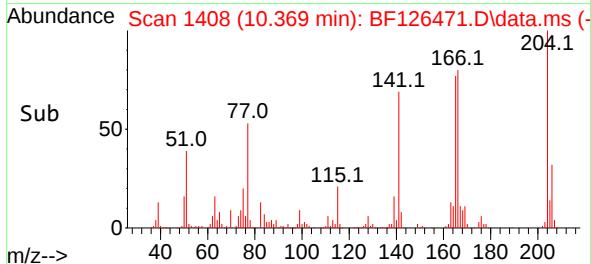
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



Tgt Ion:204 Resp: 28283
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 68.6 59.0 88.6

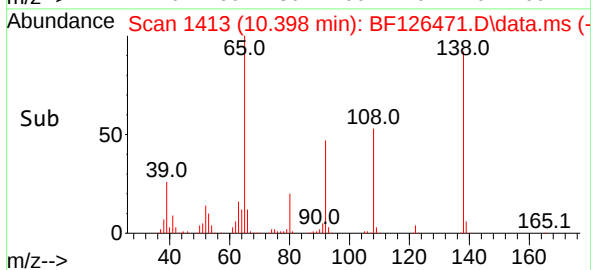
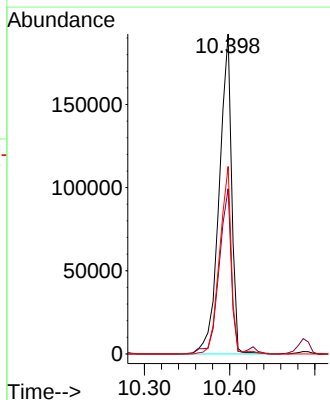
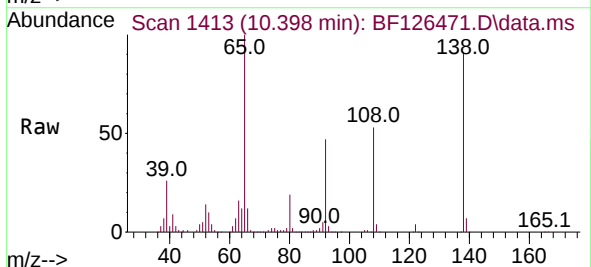
Manual Integrations
APPROVED

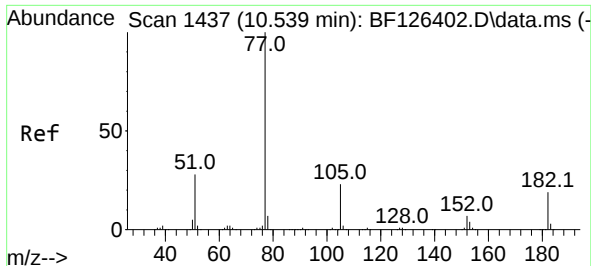
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#62
4-Nitroaniline
Concen: 42.340 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

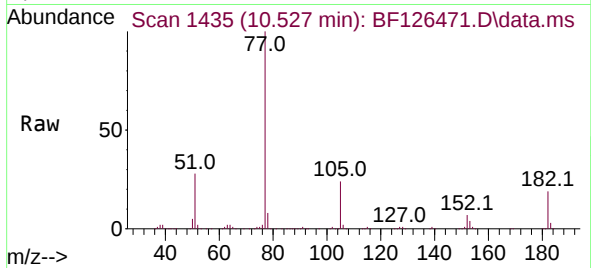
Tgt Ion:138 Resp: 194849
Ion Ratio Lower Upper
138 100
92 51.7 36.2 76.2
108 58.6 46.7 86.7





#63
Azobenzene
Concen: 44.704 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

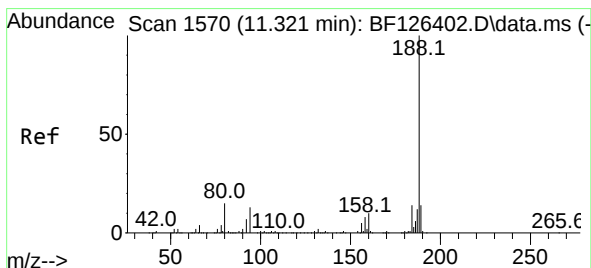
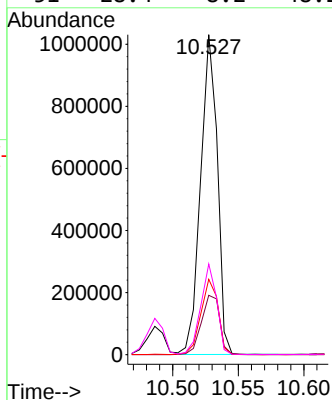
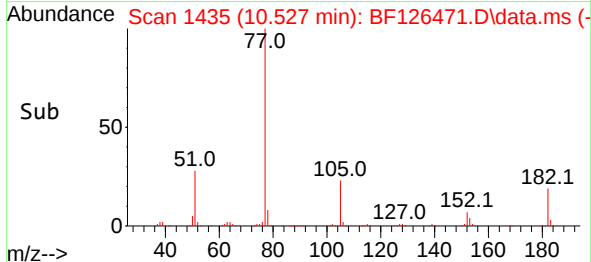
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



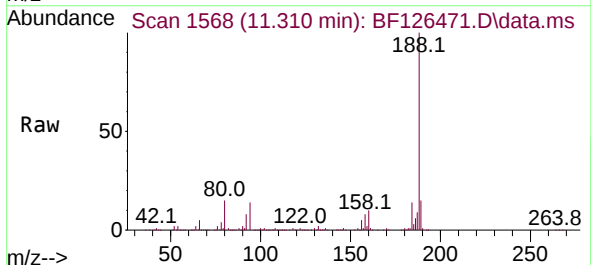
Tgt Ion: 77 Resp: 915775
Ion Ratio Lower Upper
77 100
182 18.5 0.0 39.0
105 23.6 3.2 43.2
51 28.4 8.2 48.2

Manual Integrations
APPROVED

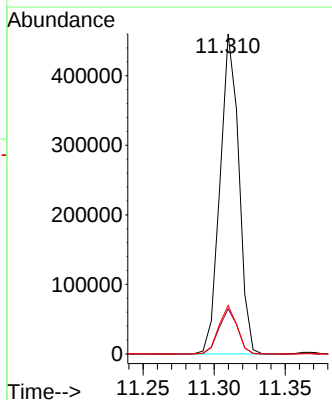
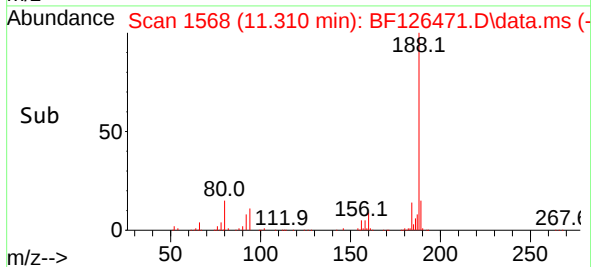
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

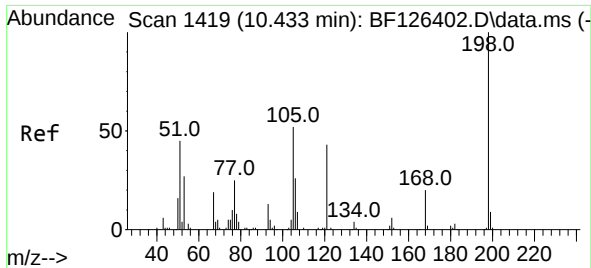


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



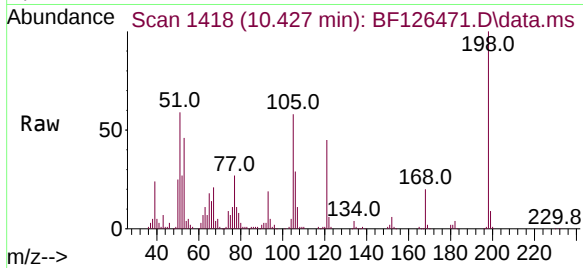
Tgt Ion:188 Resp: 422052
Ion Ratio Lower Upper
188 100
94 14.1 10.1 15.1
80 15.1 11.8 17.6





#65
4,6-Dinitro-2-methylphenol
Concen: 51.983 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

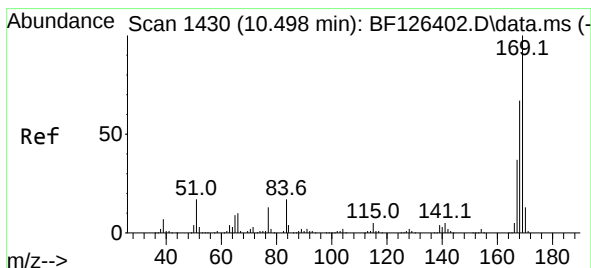
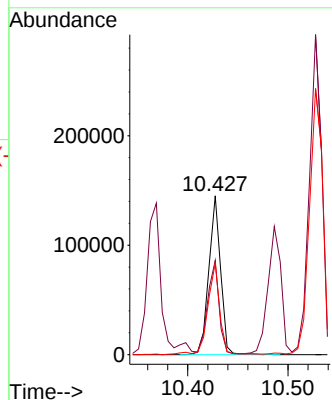
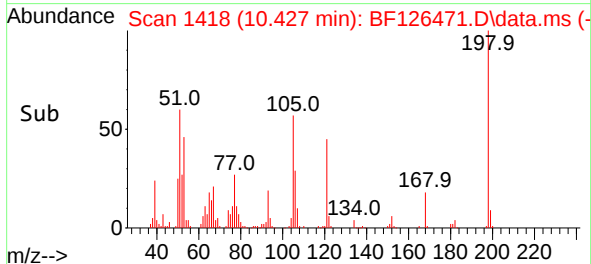
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



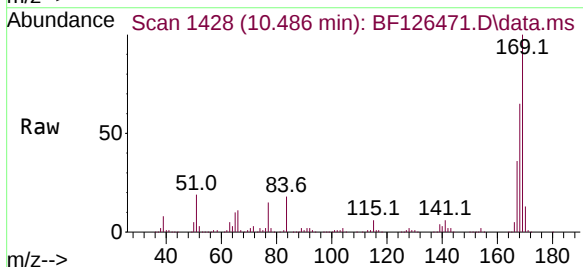
Tgt Ion:198 Resp: 118809
Ion Ratio Lower Upper
198 100
51 59.3 32.0 72.0
105 57.6 32.7 72.7

Manual Integrations
APPROVED

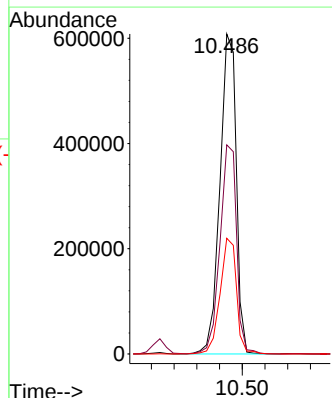
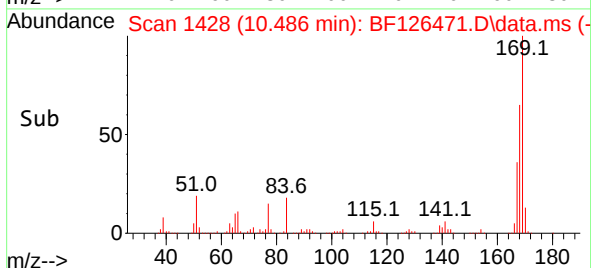
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

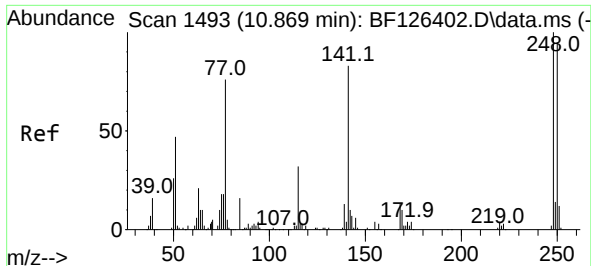


#66
n-Nitrosodiphenylamine
Concen: 46.500 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



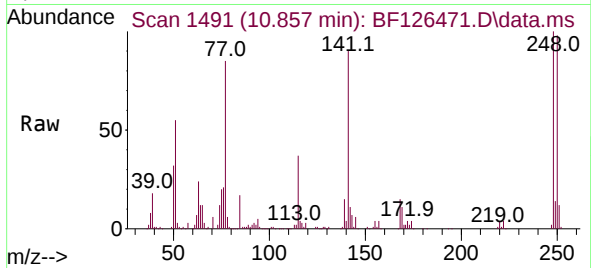
Tgt Ion:169 Resp: 608884
Ion Ratio Lower Upper
169 100
168 65.4 53.4 80.0
167 36.2 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 48.303 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

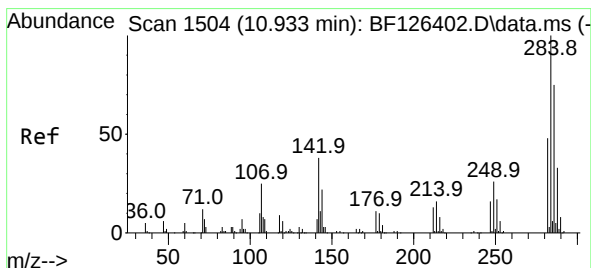
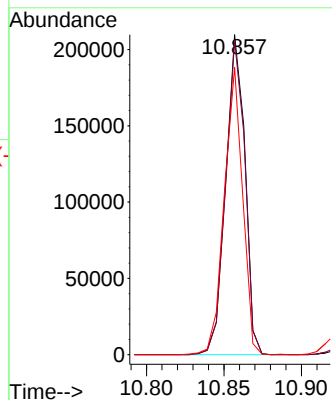
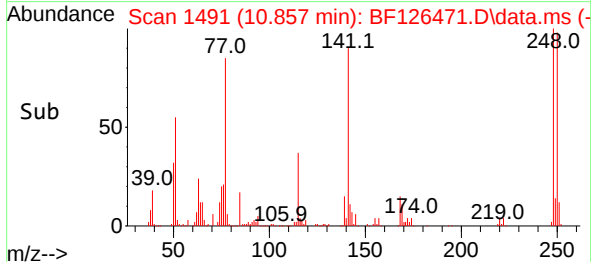
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



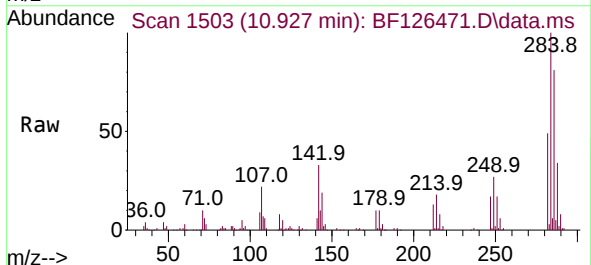
Tgt Ion:248 Resp: 180950
Ion Ratio Lower Upper
248 100
250 98.2 76.2 114.4
141 89.8 66.2 99.4

Manual Integrations
APPROVED

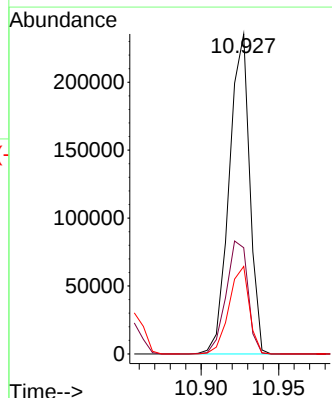
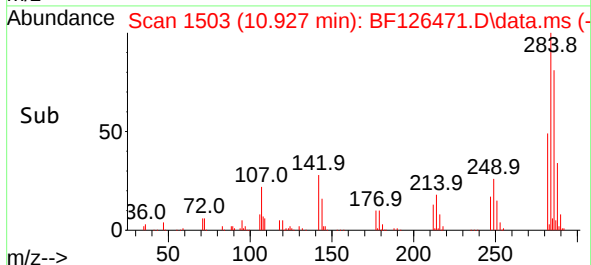
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

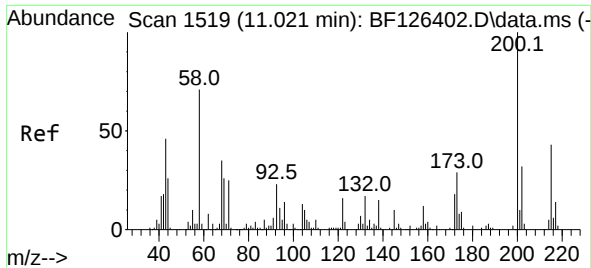


#68
Hexachlorobenzene
Concen: 49.619 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



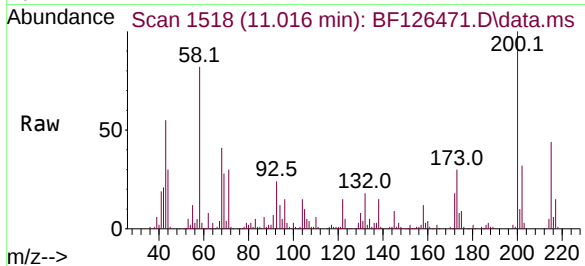
Tgt Ion:284 Resp: 216214
Ion Ratio Lower Upper
284 100
142 33.2 30.7 46.1
249 27.3 21.1 31.7





#69
Atrazine
Concen: 79.546 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

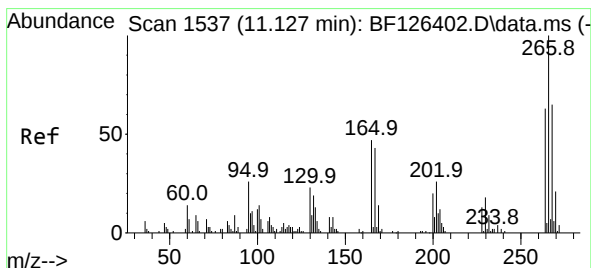
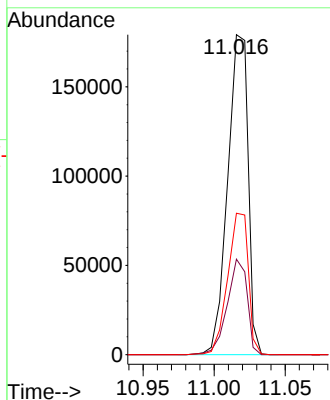
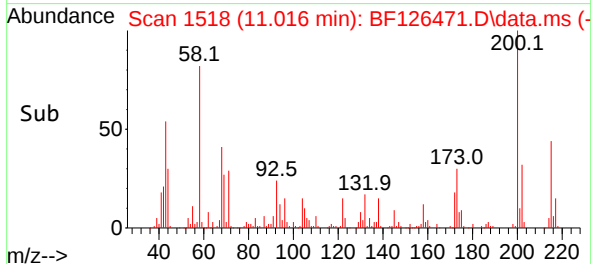
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



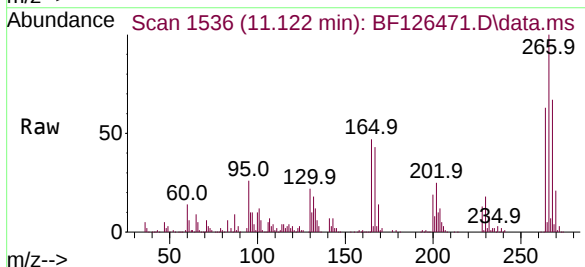
Tgt Ion:200 Resp: 17935
Ion Ratio Lower Upper
200 100
173 29.8 9.2 49.2
215 44.2 23.2 63.2

Manual Integrations
APPROVED

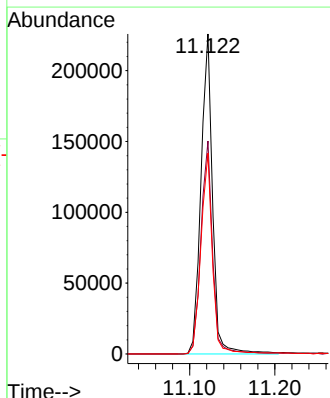
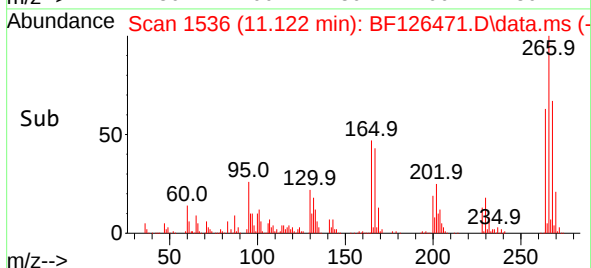
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

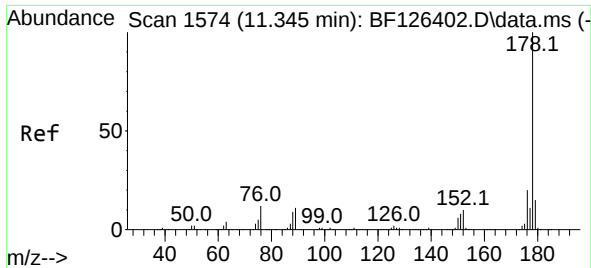


#70
Pentachlorophenol
Concen: 100.857 ng
RT: 11.122 min Scan# 1536
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



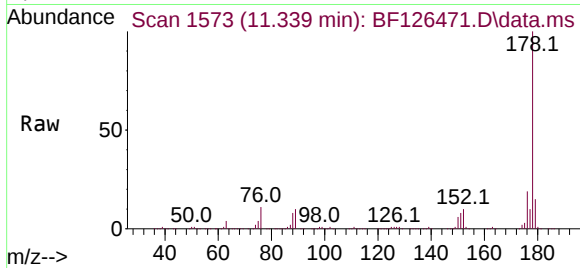
Tgt Ion:266 Resp: 213601
Ion Ratio Lower Upper
266 100
268 66.6 52.3 78.5
264 62.8 50.4 75.6





#71
Phenanthrene
Concen: 46.718 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

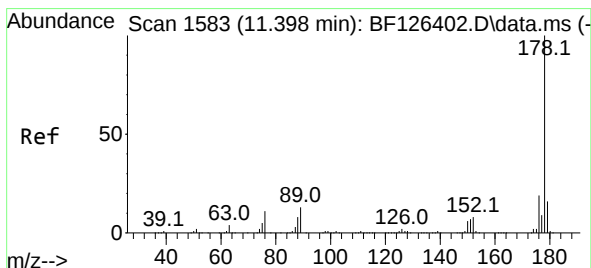
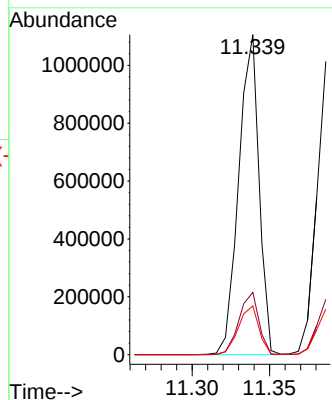
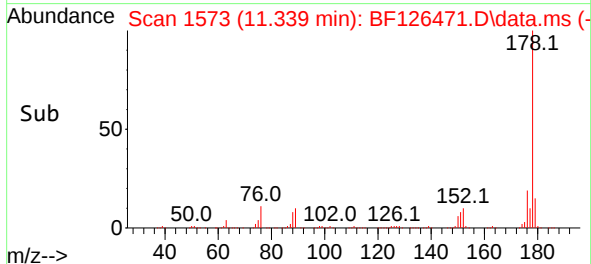
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



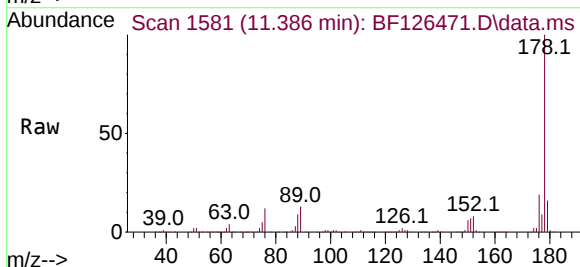
Tgt Ion:178 Resp: 1008040
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.2 12.3 18.5

Manual Integrations
APPROVED

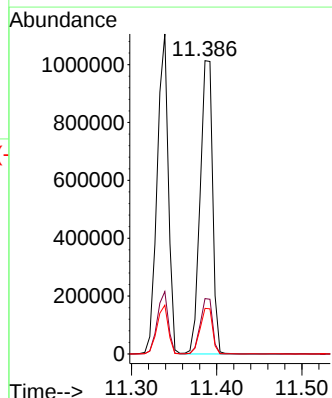
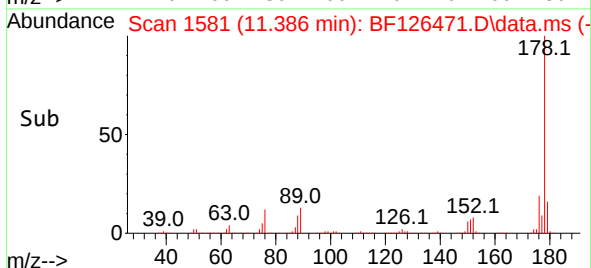
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

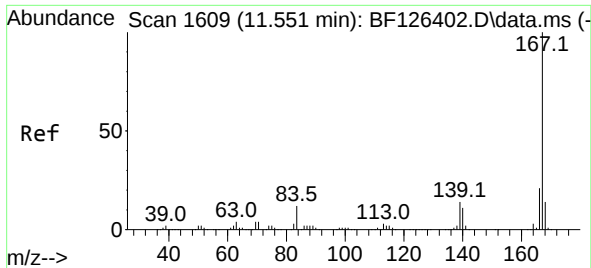


#72
Anthracene
Concen: 47.717 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



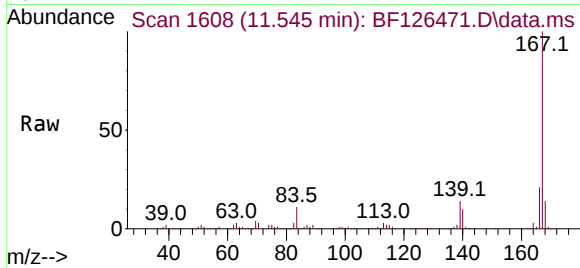
Tgt Ion:178 Resp: 1030238
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 44.315 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. 0.006 min
 Lab File: BF126471.D
 Acq: 4 Jan 2022 16:58

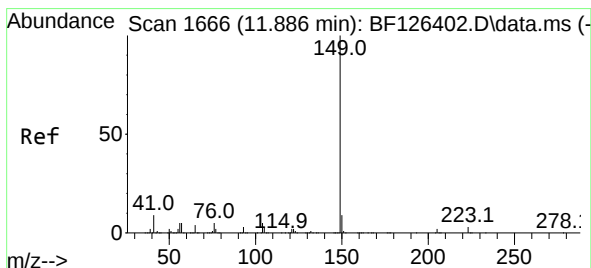
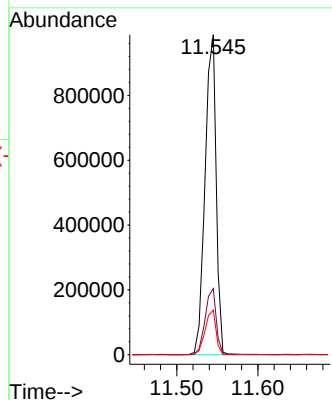
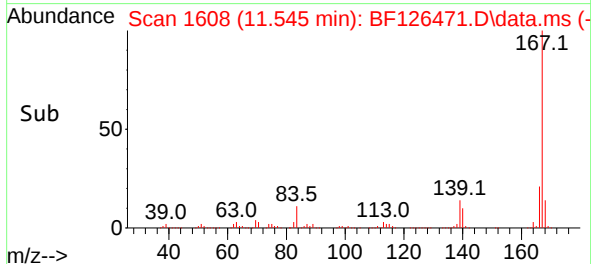
Instrument :
 BNA_F
 ClientSampleId :
 DB-19-(40-45)-12-22-21MSD



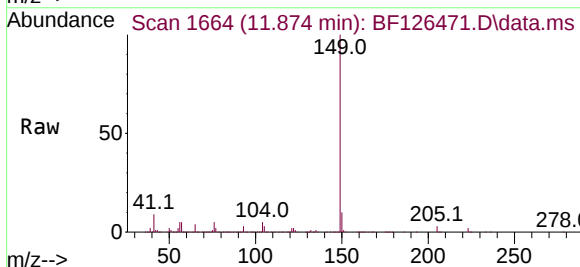
Tgt Ion:167 Resp: 936900
 Ion Ratio Lower Upper
 167 100
 166 20.6 16.9 25.3
 139 13.9 11.3 16.9

Manual Integrations
 APPROVED

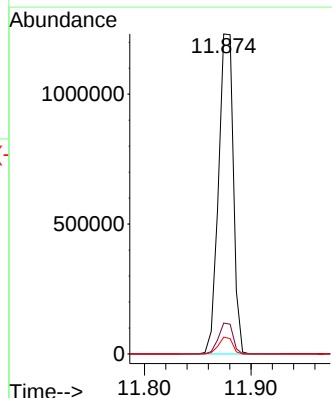
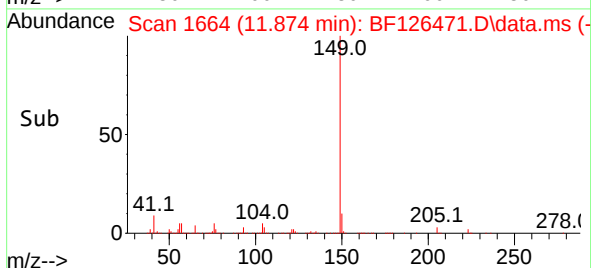
Reviewed By :Christian Giraldo 01/05/2022
 Supervised By :Jagrut Upadhyay 01/05/2022

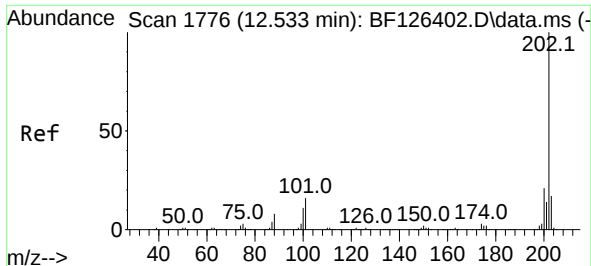


#74
 Di-n-butylphthalate
 Concen: 49.247 ng
 RT: 11.874 min Scan# 1664
 Delta R.T. 0.000 min
 Lab File: BF126471.D
 Acq: 4 Jan 2022 16:58



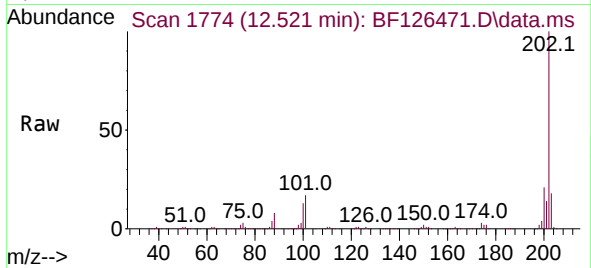
Tgt Ion:149 Resp: 1185377
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.2 10.8
 104 5.3 4.2 6.2





#75
Fluoranthene
Concen: 47.444 ng
RT: 12.521 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

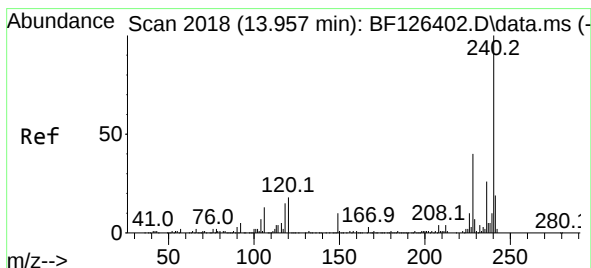
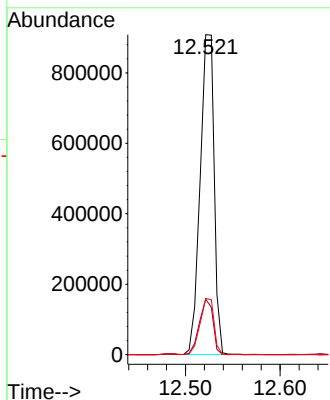
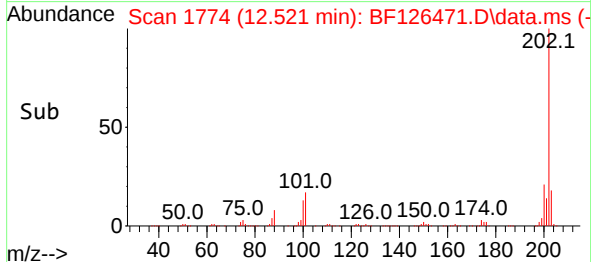
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



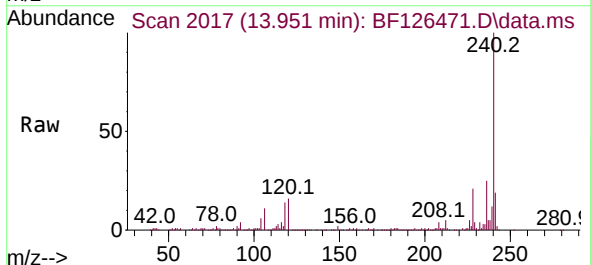
Tgt Ion:202 Resp: 93434
Ion Ratio Lower Upper
202 100
101 17.3 0.0 35.7
203 17.5 0.0 37.1

Manual Integrations
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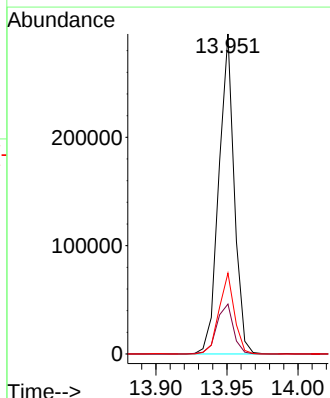
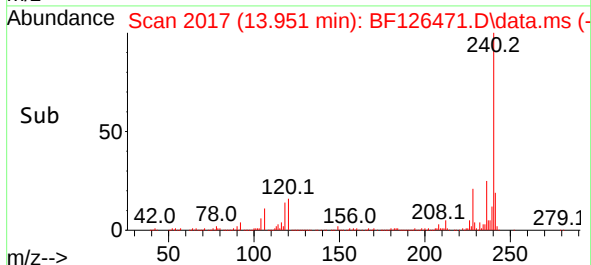
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

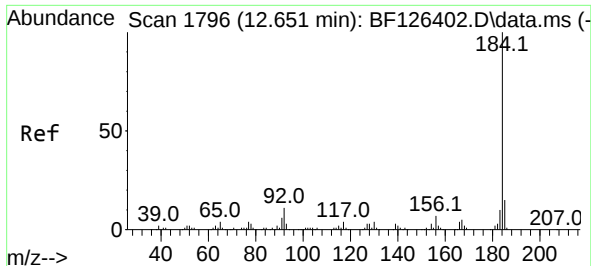


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



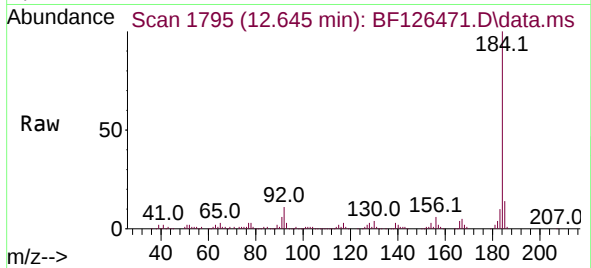
Tgt Ion:240 Resp: 222263
Ion Ratio Lower Upper
240 100
120 15.6 14.4 21.6
236 25.2 20.5 30.7





#77
Benzidine
Concen: 69.472 ng
RT: 12.645 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

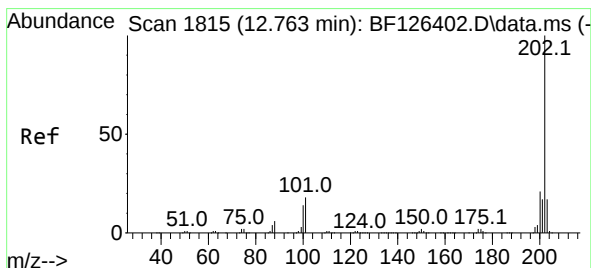
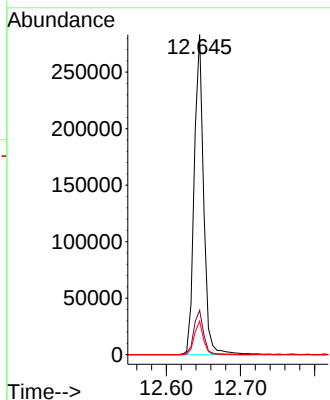
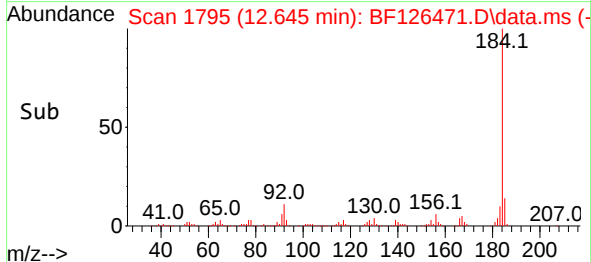
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



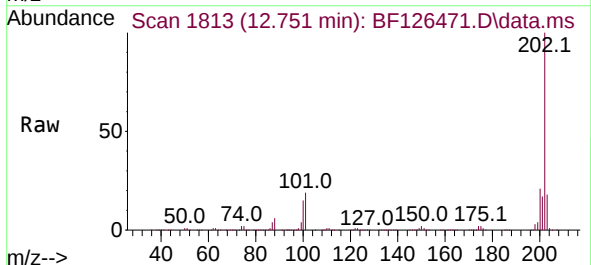
Tgt Ion:184 Resp: 24940
Ion Ratio Lower Upper
184 100
185 13.8 11.8 17.8
183 10.5 8.2 12.2

Manual Integrations
APPROVED

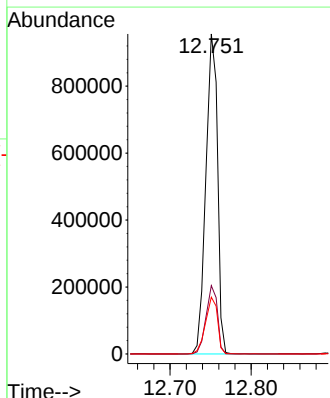
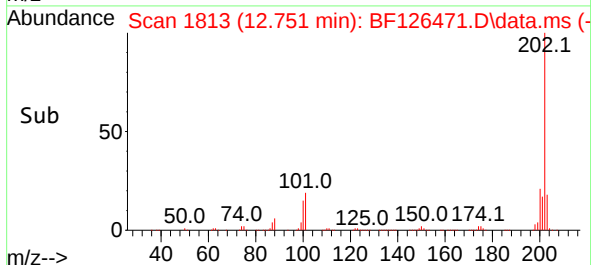
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

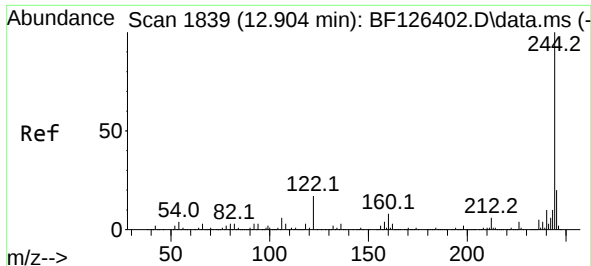


#78
Pyrene
Concen: 50.611 ng
RT: 12.751 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



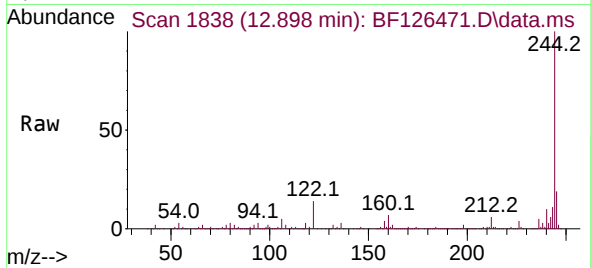
Tgt Ion:202 Resp: 950639
Ion Ratio Lower Upper
202 100
200 21.4 16.6 24.8
203 17.7 13.8 20.8





#79
 Terphenyl-d14
 Concen: 77.362 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF126471.D
 Acq: 4 Jan 2022 16:58

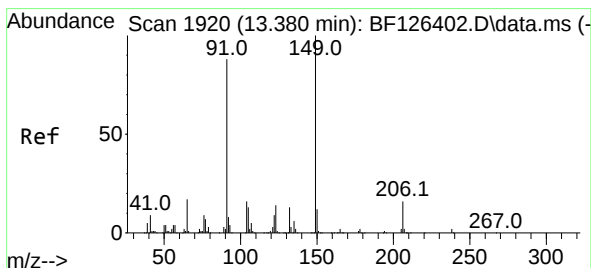
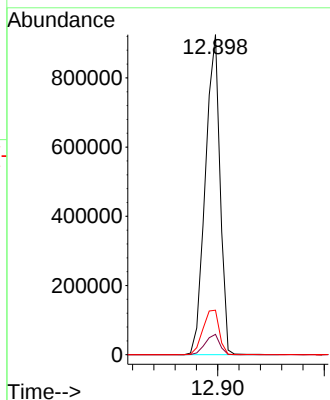
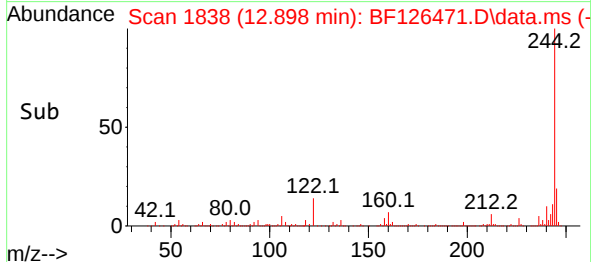
Instrument :
 BNA_F
 ClientSampleId :
 DB-19-(40-45)-12-22-21MSD



Tgt Ion:244 Resp: 88498
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 13.9 13.3 19.9

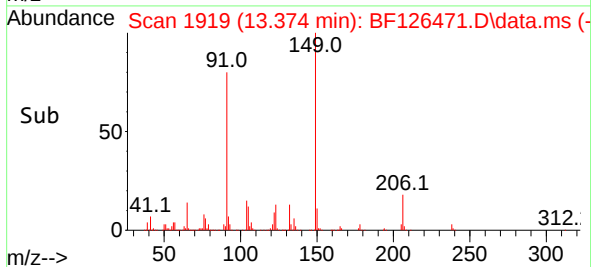
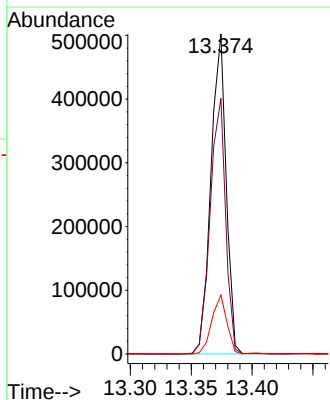
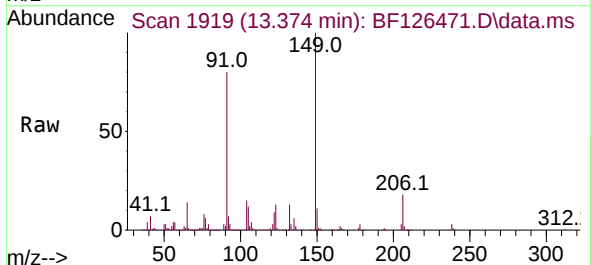
Manual Integrations
 APPROVED

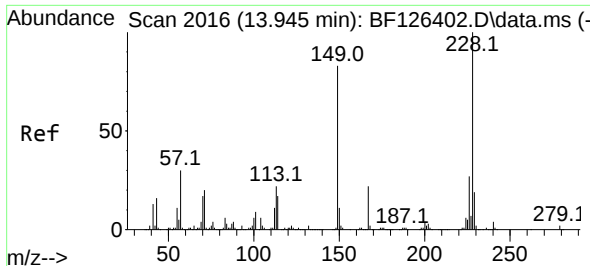
Reviewed By :Christian Giraldo 01/05/2022
 Supervised By :Jagrut Upadhyay 01/05/2022



#80
 Butylbenzylphthalate
 Concen: 52.586 ng
 RT: 13.374 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF126471.D
 Acq: 4 Jan 2022 16:58

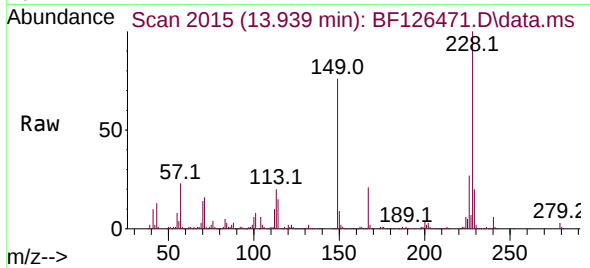
Tgt Ion:149 Resp: 437684
 Ion Ratio Lower Upper
 149 100
 91 79.8 70.5 105.7
 206 18.4 12.6 19.0





#81
Benzo(a)anthracene
Concen: 45.696 ng
RT: 13.939 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

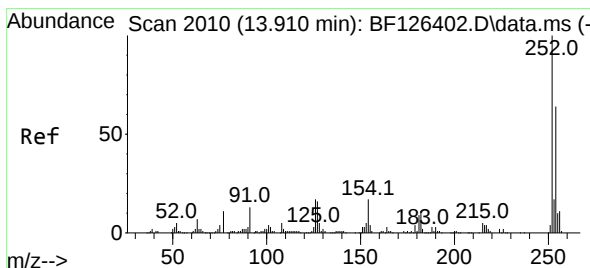
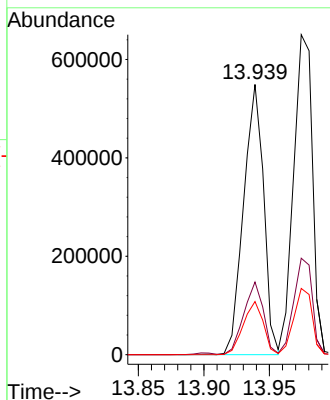
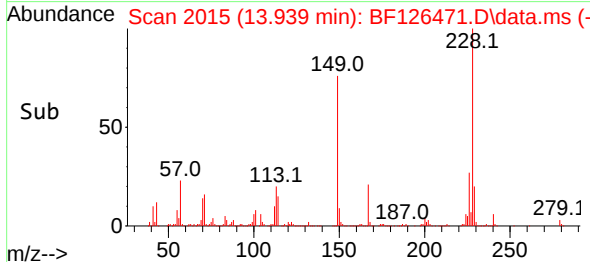
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



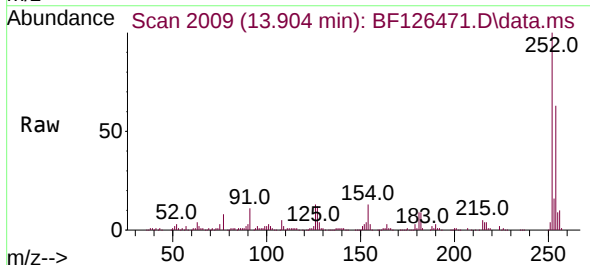
Tgt Ion:228 Resp: 584088
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 19.6 15.4 23.2

Manual Integrations
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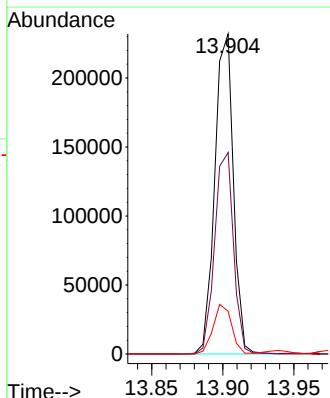
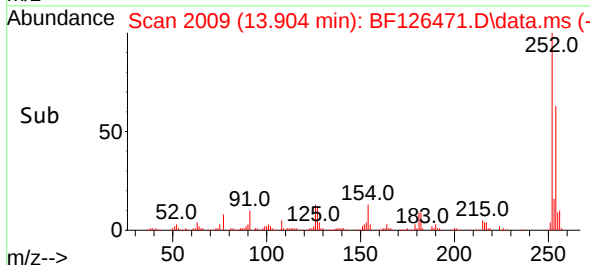
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

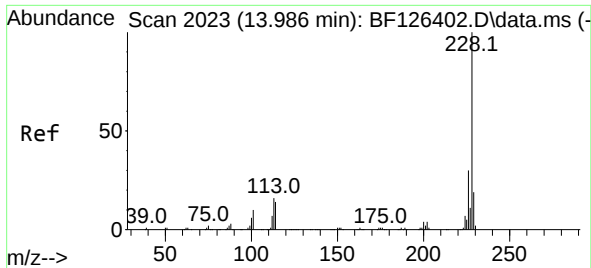


#82
3,3'-Dichlorobenzidine
Concen: 35.397 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



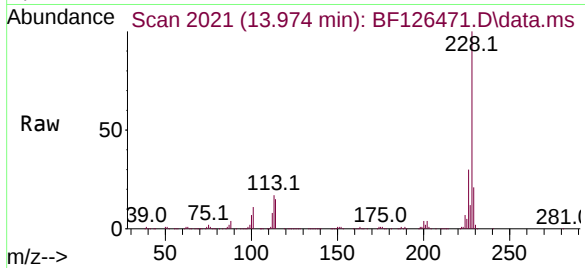
Tgt Ion:252 Resp: 211084
Ion Ratio Lower Upper
252 100
254 62.9 51.0 76.4
126 13.3 13.4 20.0#





#83
Chrysene
Concen: 49.619 ng
RT: 13.974 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

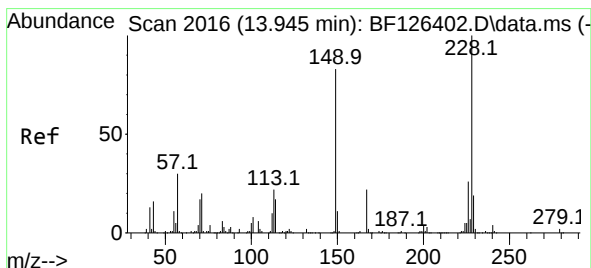
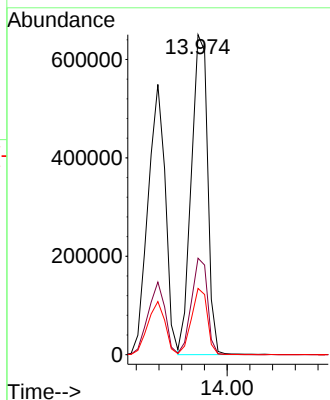
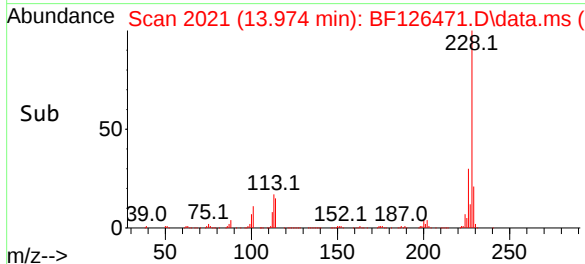
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



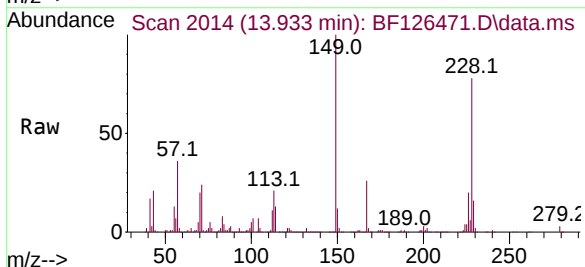
Tgt Ion:228 Resp: 650569
Ion Ratio Lower Upper
228 100
226 30.2 23.7 35.5
229 20.7 15.5 23.3

Manual Integrations
APPROVED

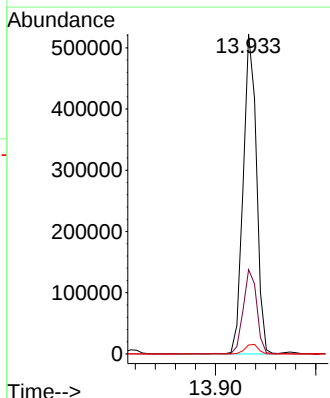
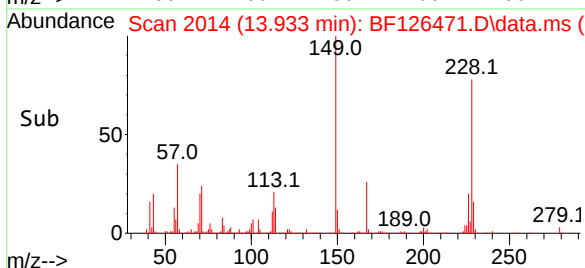
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

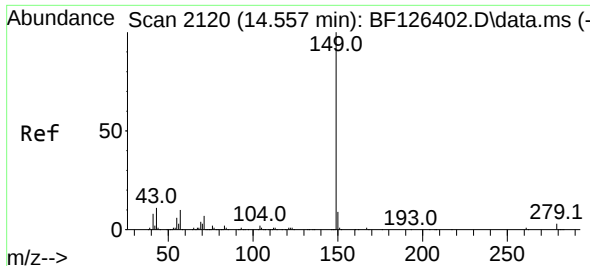


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.005 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



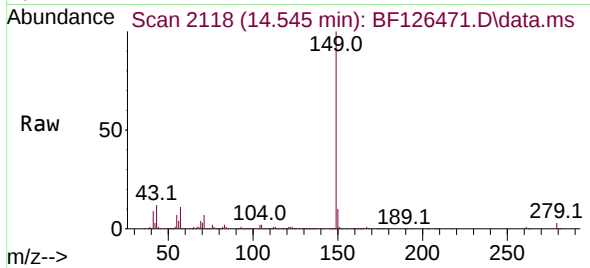
Tgt Ion:149 Resp: 483083
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.2
279 2.8 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 59.754 ng
RT: 14.545 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

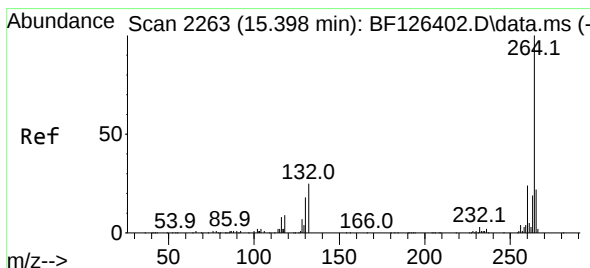
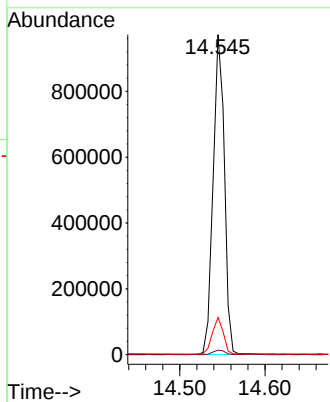
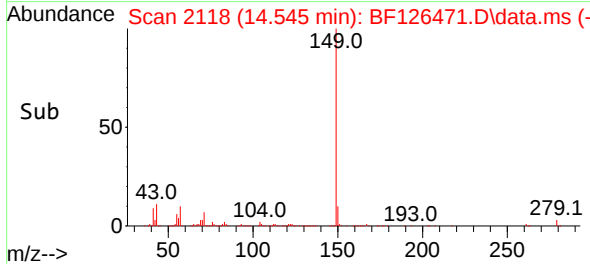
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



Tgt Ion:149 Resp: 893888
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.0 9.9 14.9

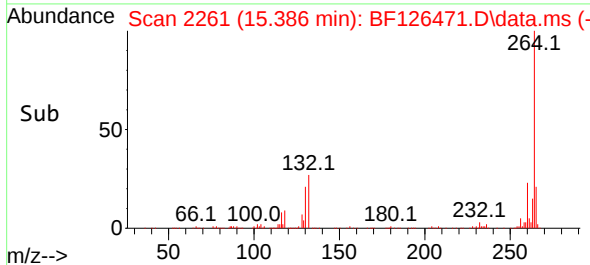
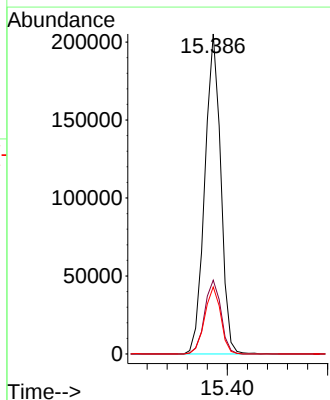
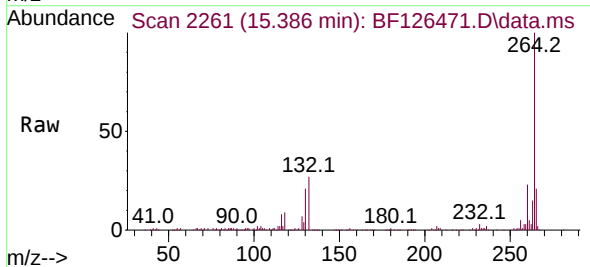
Manual Integrations
APPROVED

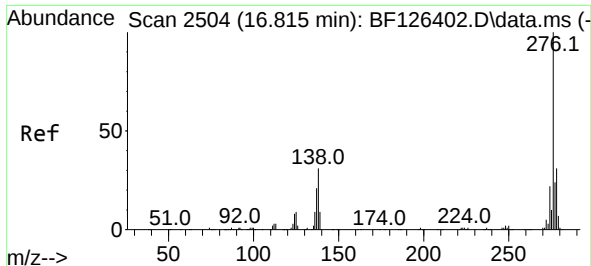
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

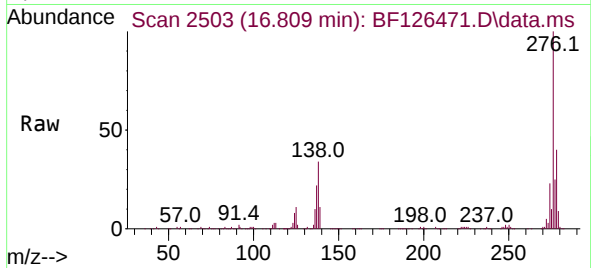
Tgt Ion:264 Resp: 226515
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 21.0 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.666 ng
RT: 16.809 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

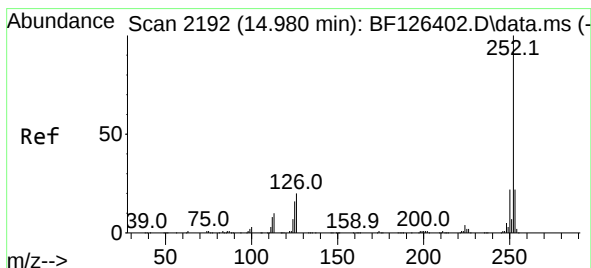
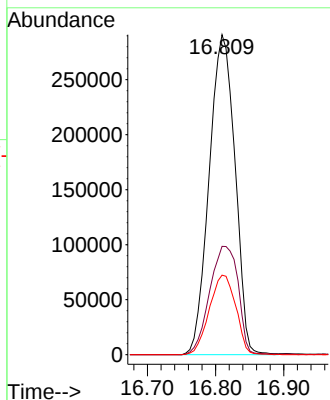
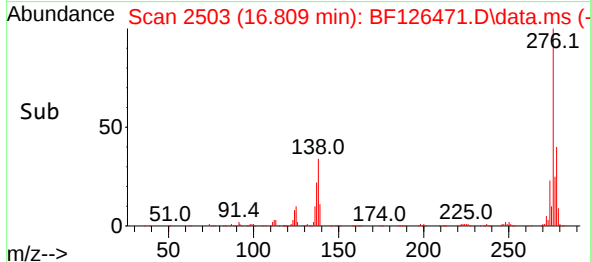
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



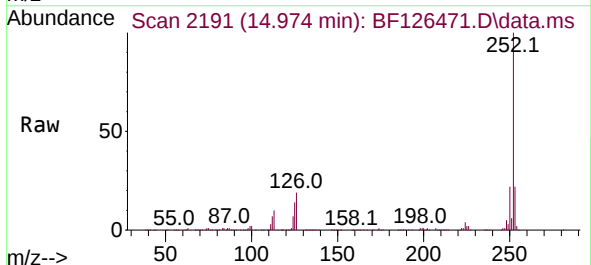
Tgt Ion:276 Resp: 76806
Ion Ratio Lower Upper
276 100
138 37.4 29.2 43.8
277 25.4 19.8 29.8

Manual Integrations
APPROVED

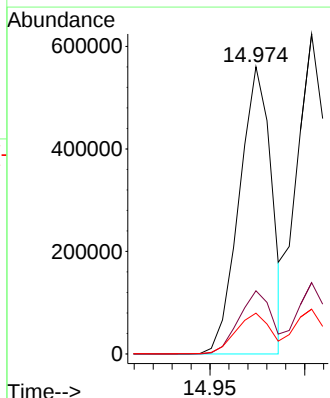
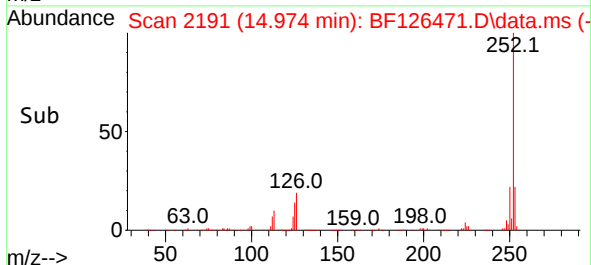
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

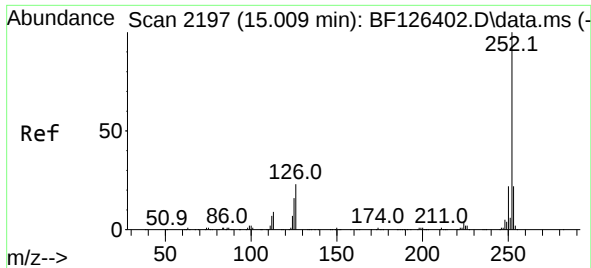


#88
Benzo(b)fluoranthene
Concen: 49.386 ng
RT: 14.974 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



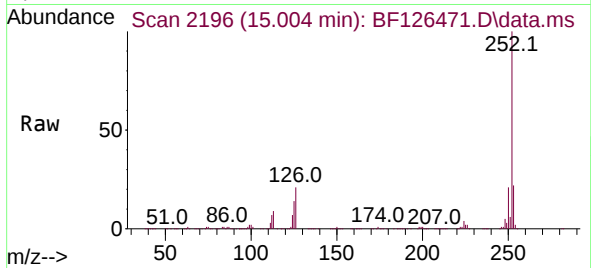
Tgt Ion:252 Resp: 666411
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 14.2 12.4 18.6





#89
Benzo(k)fluoranthene
Concen: 49.494 ng
RT: 15.004 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

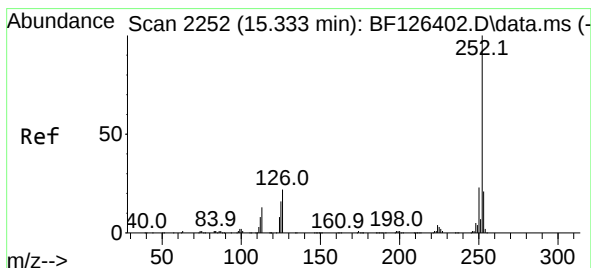
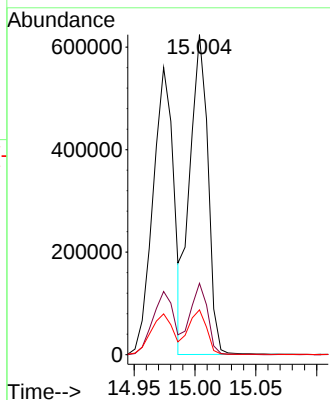
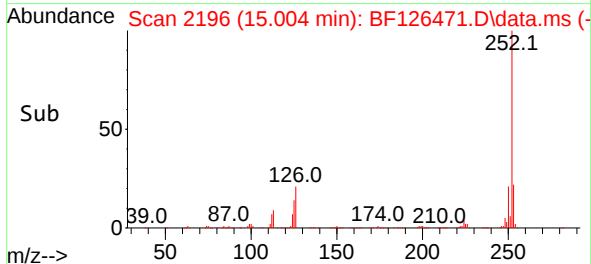
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



Tgt Ion:252 Resp: 646972
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 14.0 11.8 17.6

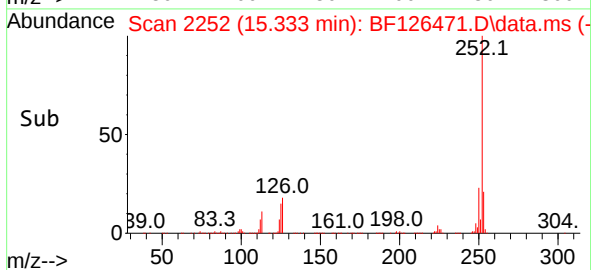
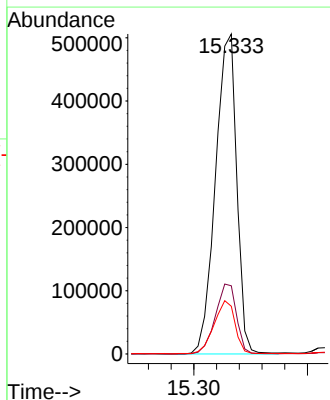
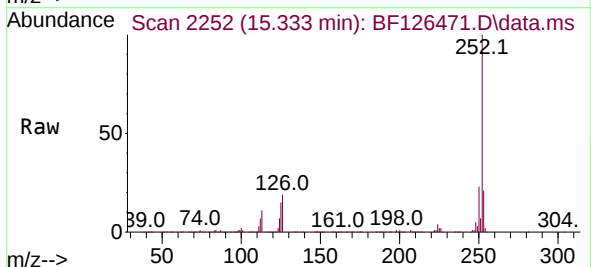
Manual Integrations
APPROVED

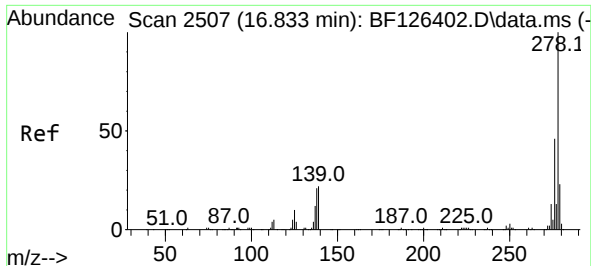
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#90
Benzo(a)pyrene
Concen: 58.225 ng
RT: 15.333 min Scan# 2252
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

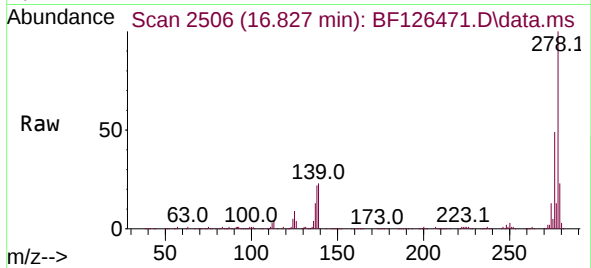
Tgt Ion:252 Resp: 658778
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 14.9 13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 53.157 ng
RT: 16.827 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

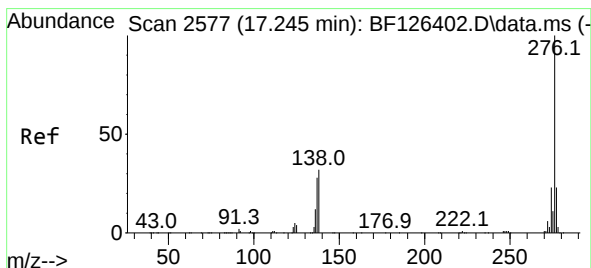
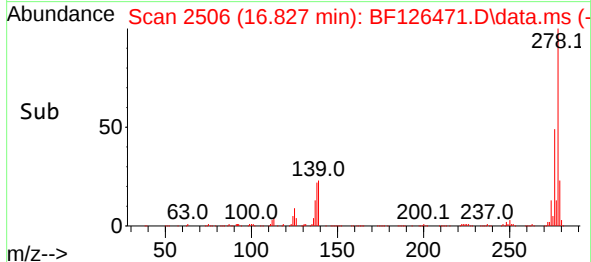
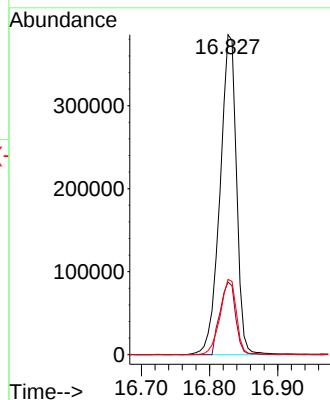
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



Tgt Ion:278 Resp: 650240
Ion Ratio Lower Upper
278 100
139 22.7 18.0 27.0
279 23.5 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#92
Benzo(g,h,i)perylene
Concen: 53.820 ng
RT: 17.239 min Scan# 2576
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion:276 Resp: 701037
Ion Ratio Lower Upper
276 100
277 24.2 18.5 27.7
138 33.1 25.9 38.9

