

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110821\
 Data File : BF126064.D
 Acq On : 8 Nov 2021 14:32
 Operator : JU/CG
 Sample : M4449-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAINTED-WALLS

Quant Time: Nov 08 16:54:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

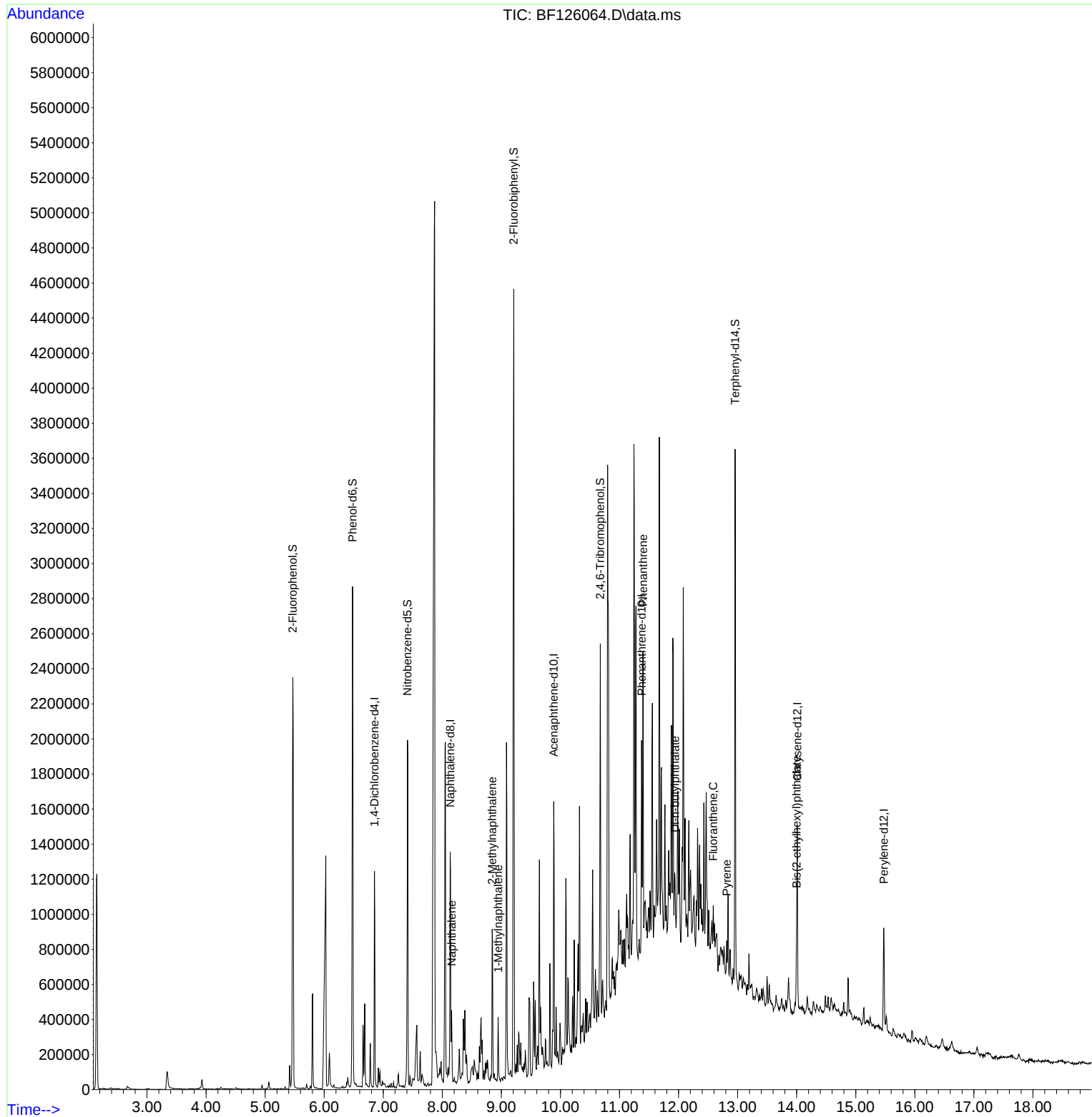
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	154133	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	550485	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	281205	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	410219	20.000	ng	0.00
76) Chrysene-d12	14.010	240	332959	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	281262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	639772	71.280	ng	0.00
7) Phenol-d6	6.481	99	830446	65.635	ng	0.00
23) Nitrobenzene-d5	7.410	82	622496	53.330	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	181934	56.455	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1094959	52.619	ng	0.00
79) Terphenyl-d14	12.957	244	935659	45.315	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.157	128	109651	3.846	ng	99
37) 2-Methylnaphthalene	8.845	142	215009	10.918	ng	95
38) 1-Methylnaphthalene	8.945	142	78458	4.113	ng	95
71) Phenanthrene	11.398	178	541337	24.334	ng	99
74) Di-n-butylphthalate	11.939	149	93374	3.890	ng	# 95
75) Fluoranthene	12.586	202	108296	4.372	ng	93
78) Pyrene	12.816	202	81638	3.057	ng	97
84) Bis(2-ethylhexyl)phtha...	13.998	149	79241	5.878	ng	# 99

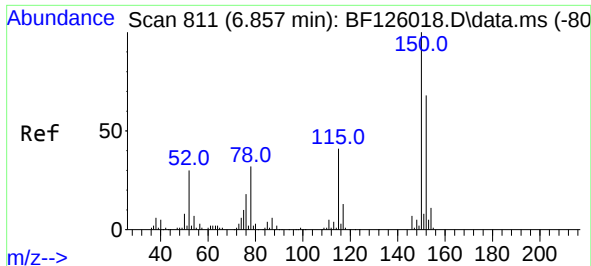
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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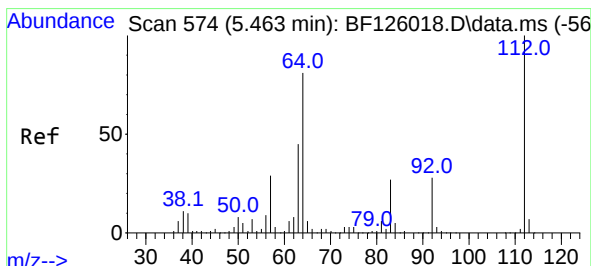
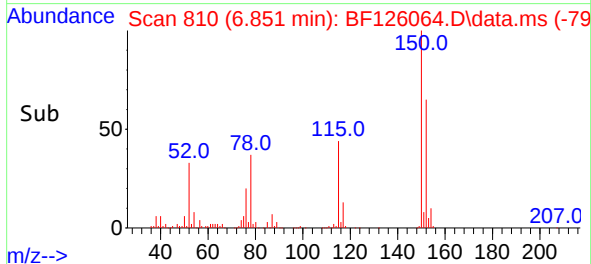
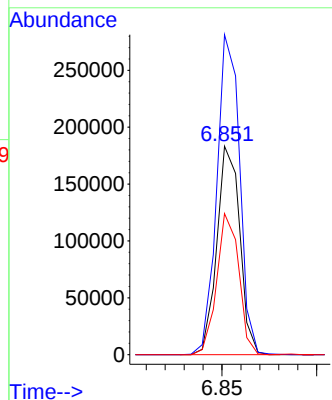
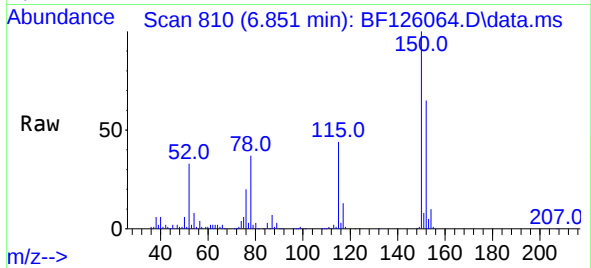




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126064.D
Acq: 8 Nov 2021 14:32

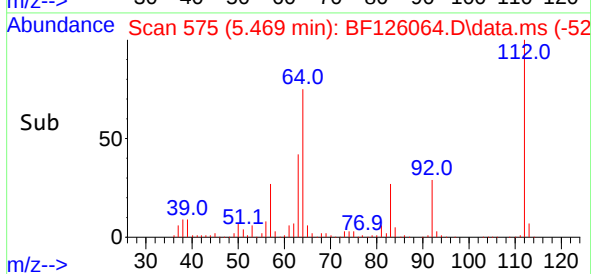
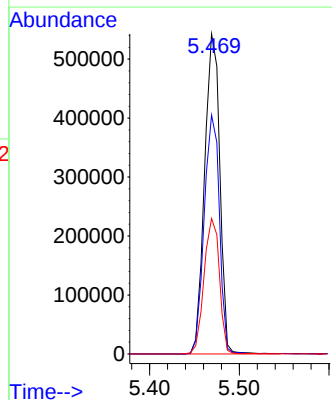
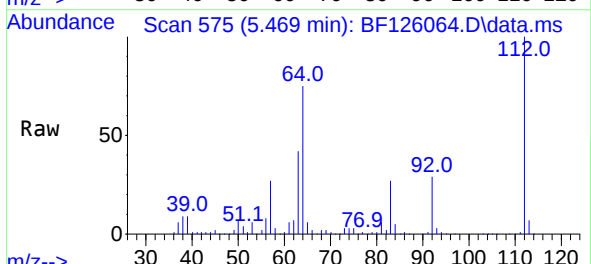
Instrument :
BNA_F
ClientSampleId :
PAINTED-WALLS

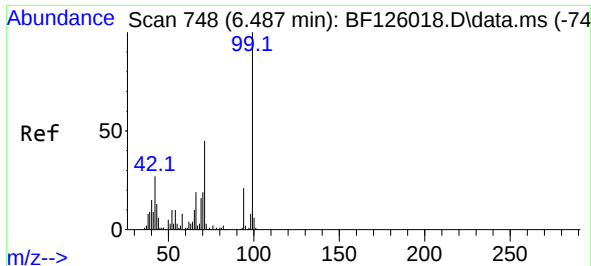
Tgt Ion:152 Resp: 154133
Ion Ratio Lower Upper
152 100
150 153.5 117.6 176.4
115 67.7 47.1 70.7



#5
2-Fluorophenol
Concen: 71.280 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126064.D
Acq: 8 Nov 2021 14:32

Tgt Ion:112 Resp: 639772
Ion Ratio Lower Upper
112 100
64 74.7 44.2 66.2#
63 42.4 26.2 39.2#

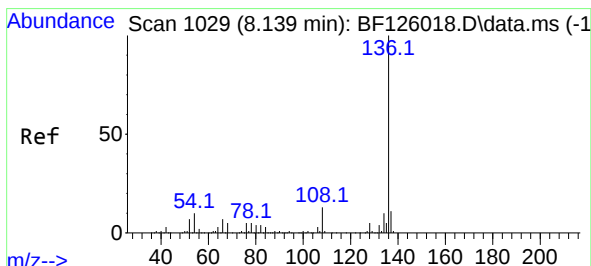
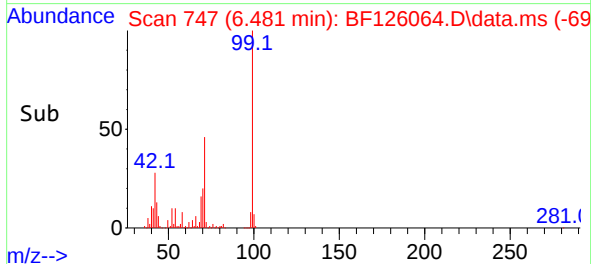
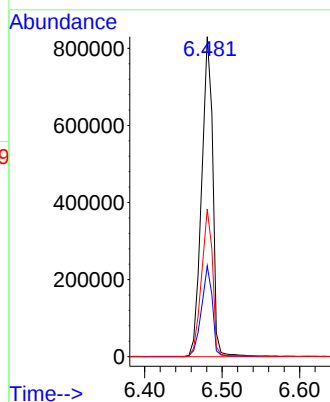
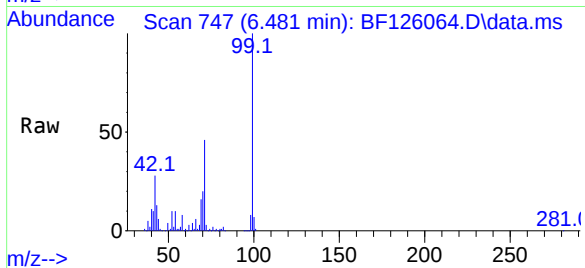




#7
Phenol-d6
Concen: 65.635 ng
RT: 6.481 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF126064.D
Acq: 8 Nov 2021 14:32

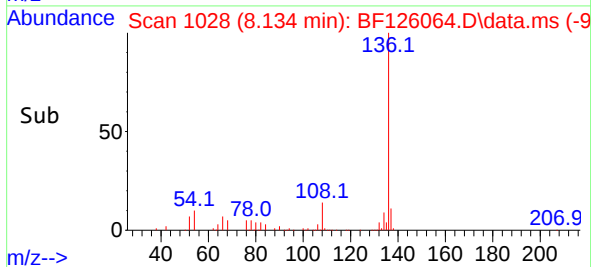
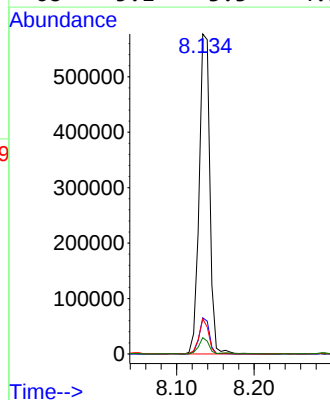
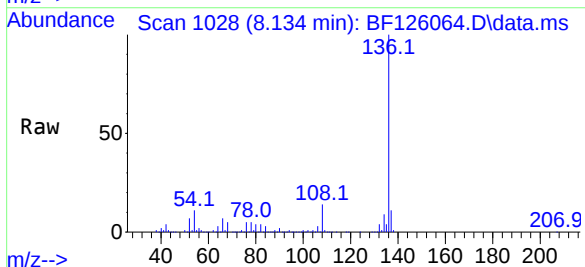
Instrument :
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ClientSampleId :
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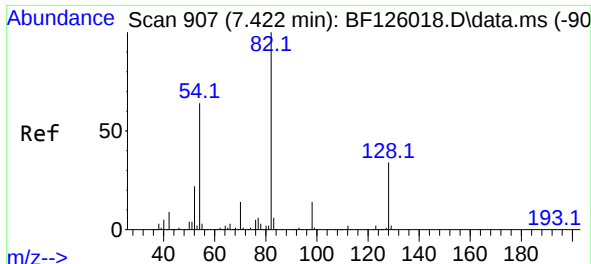
Tgt Ion: 99 Resp: 830446
Ion Ratio Lower Upper
99 100
42 28.4 23.5 35.3
71 46.2 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF126064.D
Acq: 8 Nov 2021 14:32

Tgt Ion: 136 Resp: 550485
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 11.0 6.4 9.6#
68 5.1 3.3 4.9#

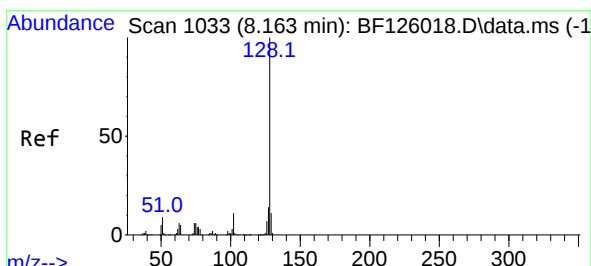
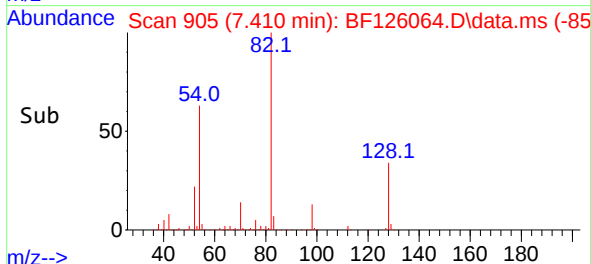
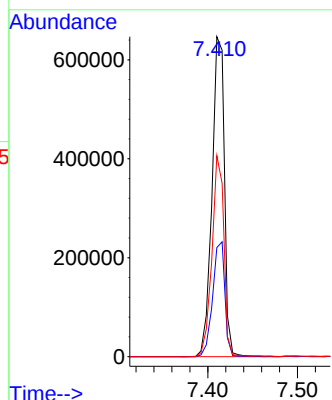
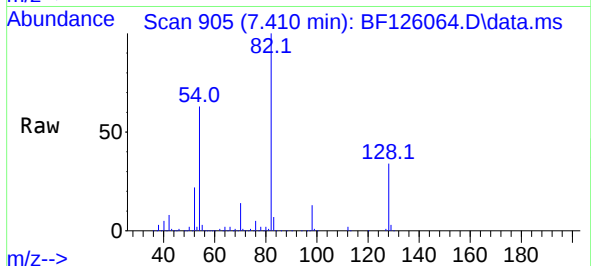




#23
Nitrobenzene-d5
Concen: 53.330 ng
RT: 7.410 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF126064.D
Acq: 8 Nov 2021 14:32

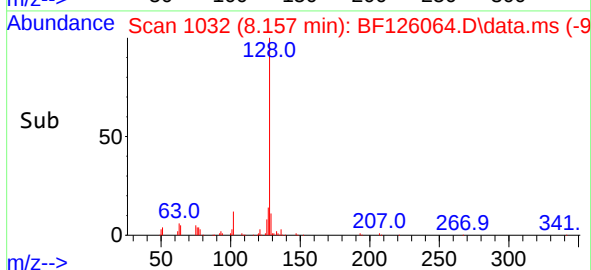
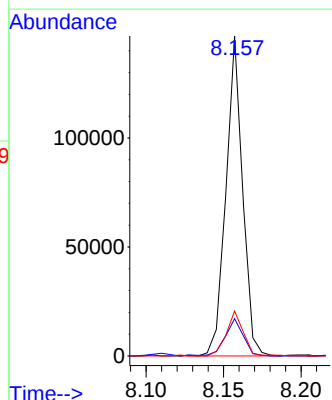
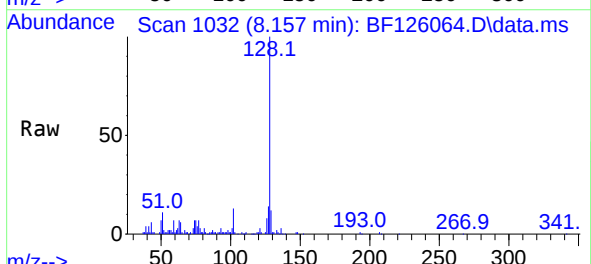
Instrument :
BNA_F
ClientSampleId :
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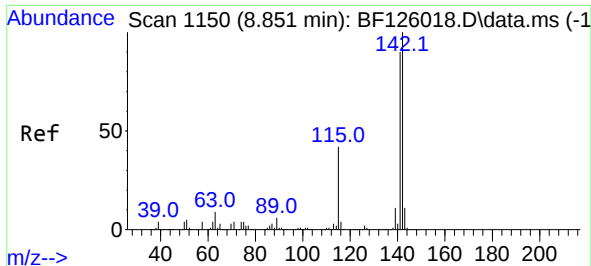
Tgt Ion: 82 Resp: 622496
Ion Ratio Lower Upper
82 100
128 34.1 40.6 60.8#
54 62.8 49.6 74.4



#31
Naphthalene
Concen: 3.846 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF126064.D
Acq: 8 Nov 2021 14:32

Tgt Ion:128 Resp: 109651
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 14.1 10.9 16.3





#37

2-Methylnaphthalene

Concen: 10.918 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF126064.D

Acq: 8 Nov 2021 14:32

Instrument :

BNA_F

ClientSampleId :

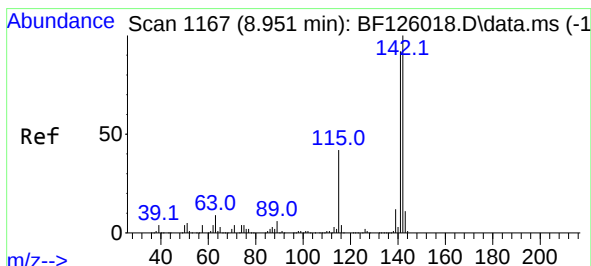
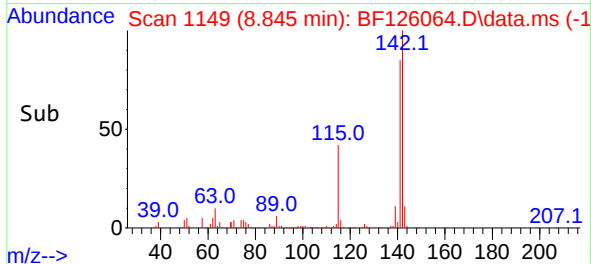
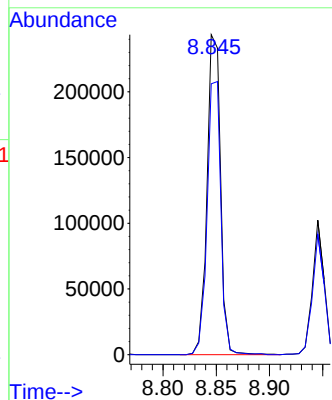
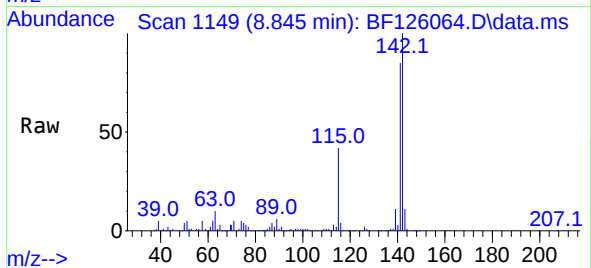
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Tgt Ion:142 Resp: 215009

Ion Ratio Lower Upper

142 100

141 84.7 71.2 106.8



#38

1-Methylnaphthalene

Concen: 4.113 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF126064.D

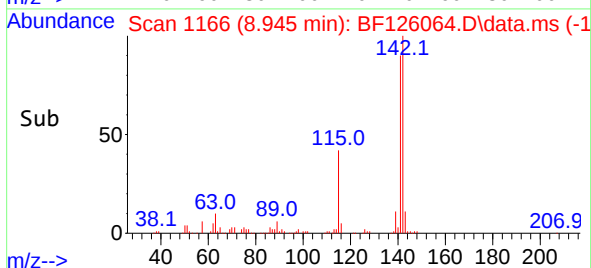
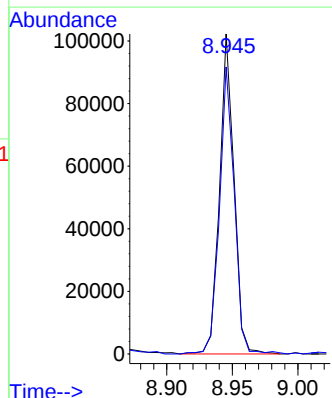
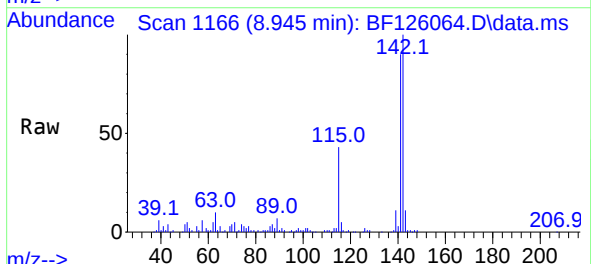
Acq: 8 Nov 2021 14:32

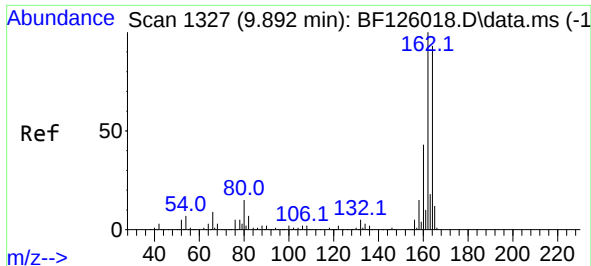
Tgt Ion:142 Resp: 78458

Ion Ratio Lower Upper

142 100

141 89.7 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126064.D

Acq: 8 Nov 2021 14:32

Instrument :

BNA_F

ClientSampleId :

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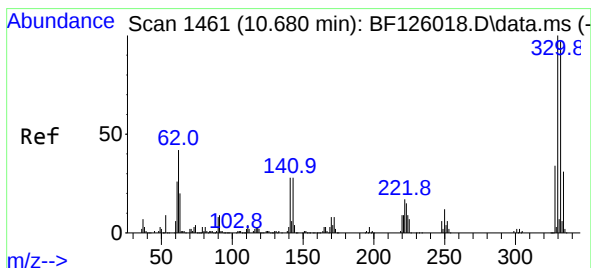
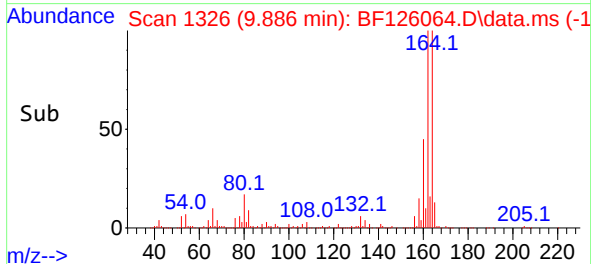
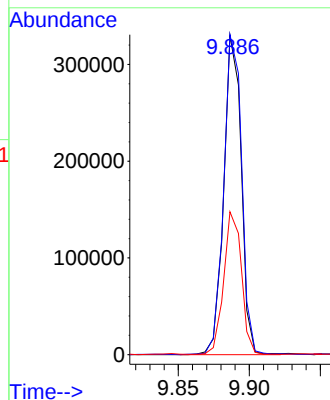
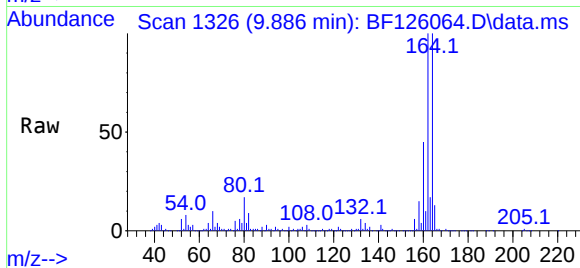
Tgt Ion:164 Resp: 281205

Ion Ratio Lower Upper

164 100

162 100.3 81.3 121.9

160 44.8 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 56.455 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF126064.D

Acq: 8 Nov 2021 14:32

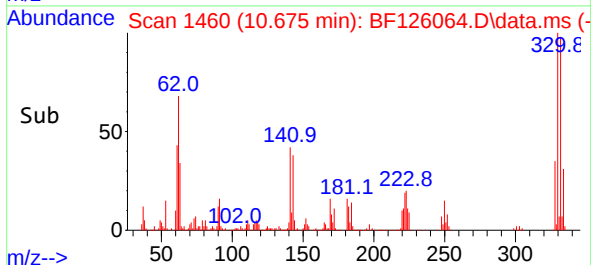
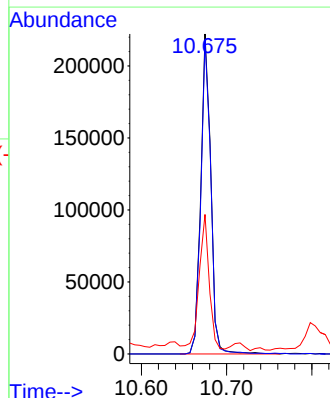
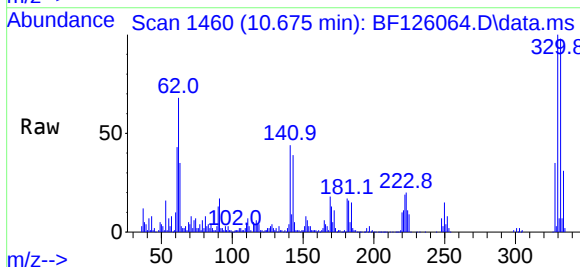
Tgt Ion:330 Resp: 181934

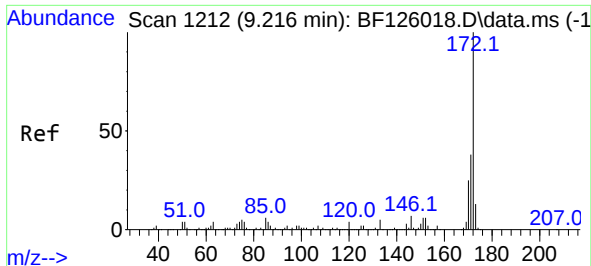
Ion Ratio Lower Upper

330 100

332 97.6 76.2 114.4

141 44.0 44.6 66.8#

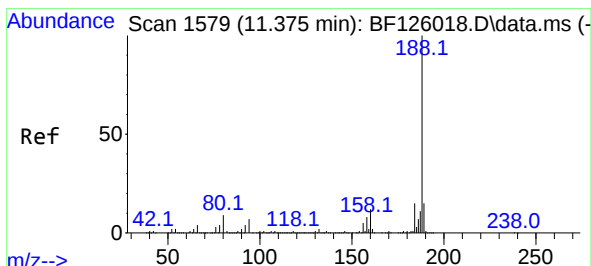
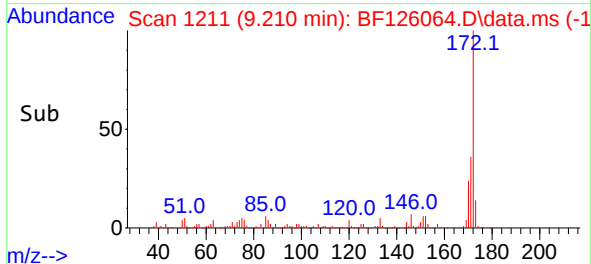
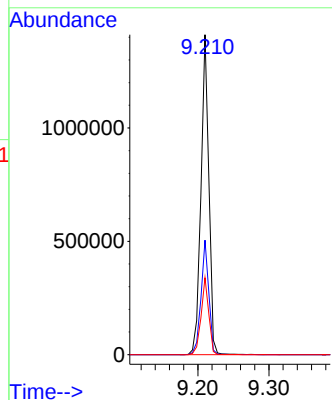
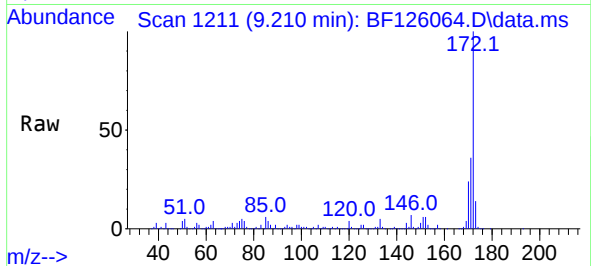




#45
2-Fluorobiphenyl
Concen: 52.619 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126064.D
Acq: 8 Nov 2021 14:32

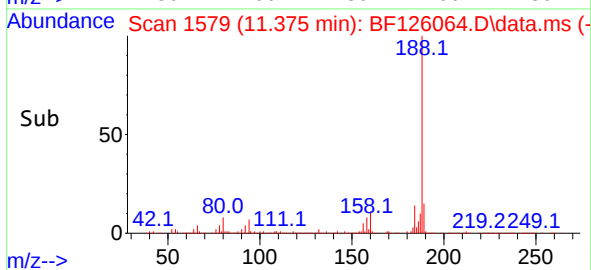
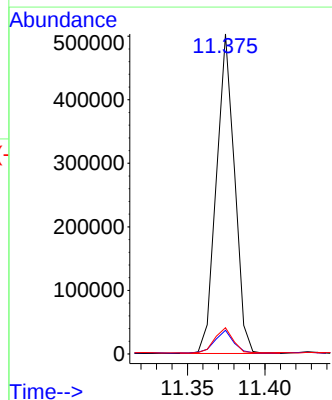
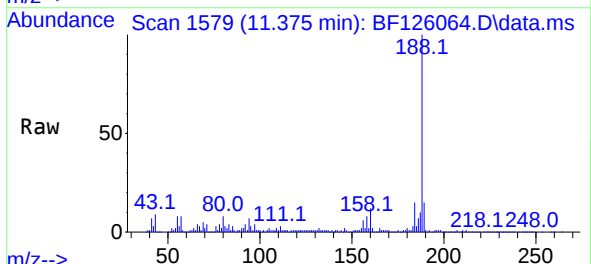
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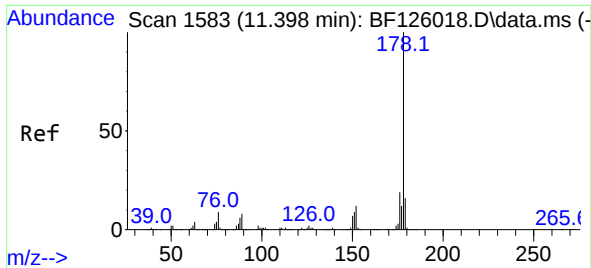
Tgt Ion:172 Resp: 1094959
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 24.0 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF126064.D
Acq: 8 Nov 2021 14:32

Tgt Ion:188 Resp: 410219
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.2 7.5 11.3

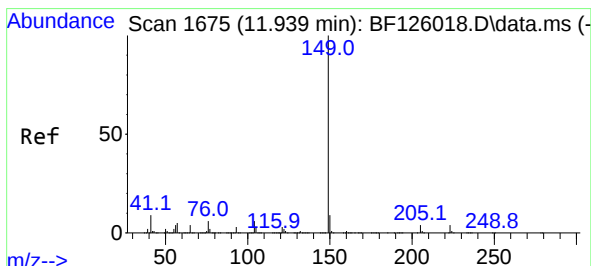
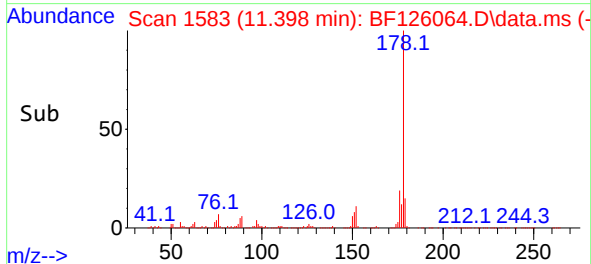
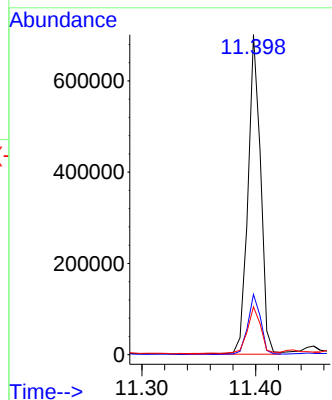
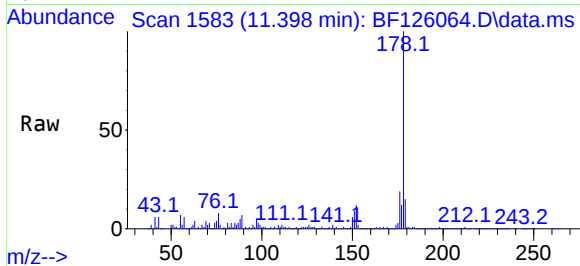




#71
Phenanthrene
Concen: 24.334 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF126064.D
Acq: 8 Nov 2021 14:32

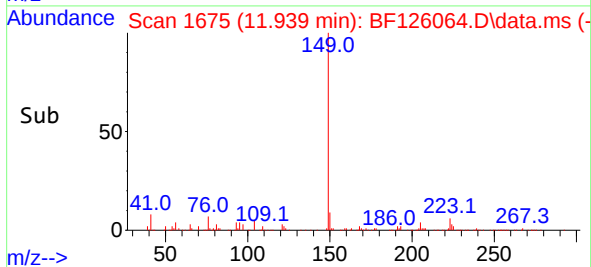
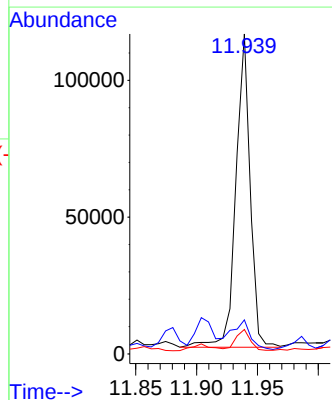
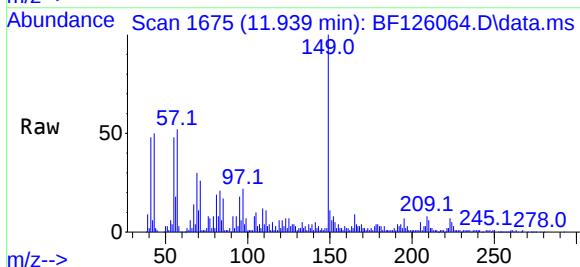
Instrument :
BNA_F
ClientSampleId :
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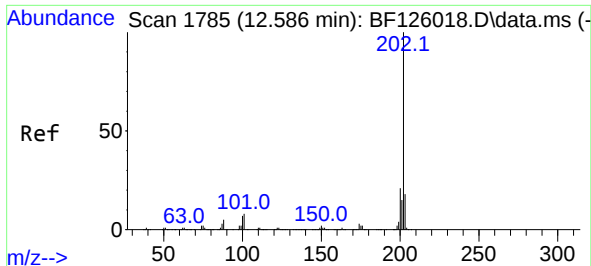
Tgt Ion:178 Resp: 541337
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.0 11.5 17.3



#74
Di-n-butylphthalate
Concen: 3.890 ng
RT: 11.939 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BF126064.D
Acq: 8 Nov 2021 14:32

Tgt Ion:149 Resp: 93374
Ion Ratio Lower Upper
149 100
150 10.6 7.4 11.2
104 7.7 4.1 6.1#

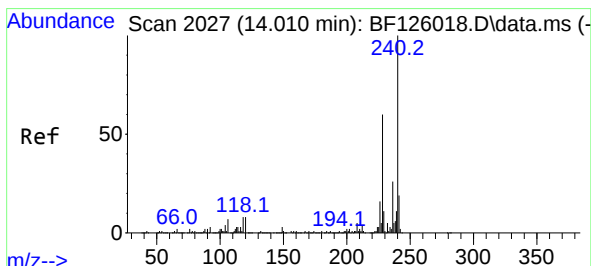
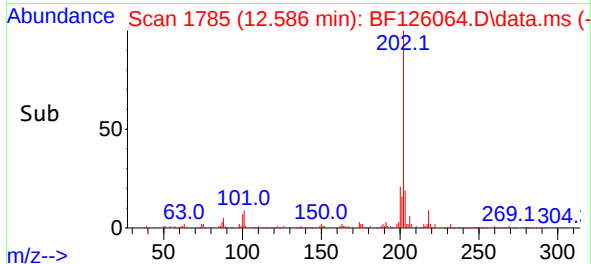
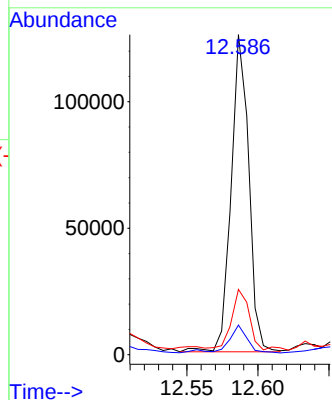
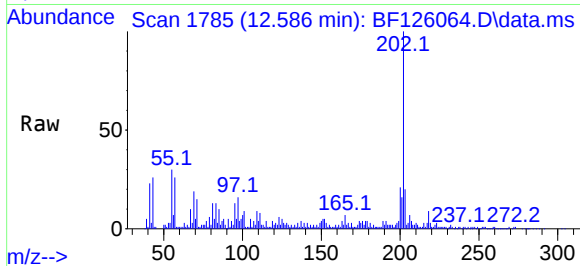




#75
Fluoranthene
Concen: 4.372 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF126064.D
Acq: 8 Nov 2021 14:32

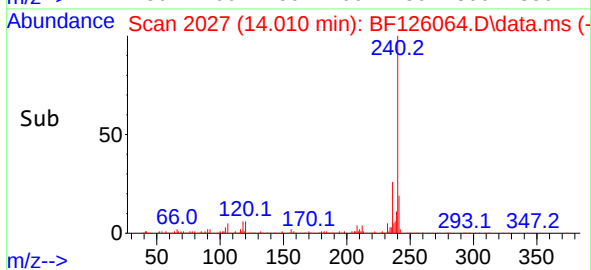
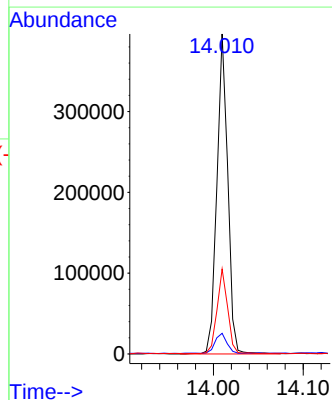
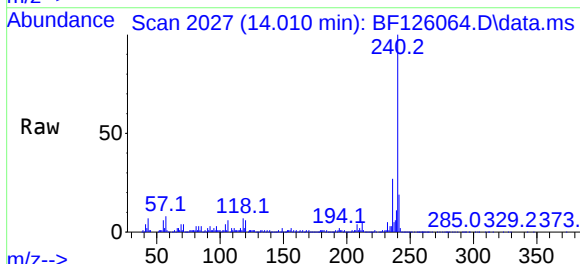
Instrument :
BNA_F
ClientSampleId :
PAINTED-WALLS

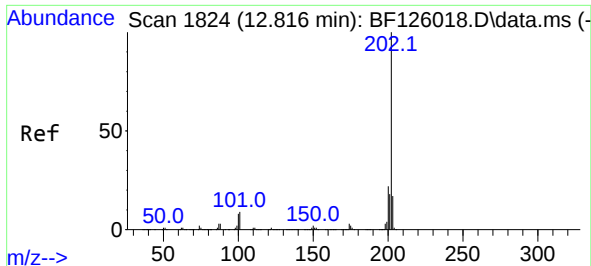
Tgt Ion:202 Resp: 108296
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.7
203 20.4 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126064.D
Acq: 8 Nov 2021 14:32

Tgt Ion:240 Resp: 332959
Ion Ratio Lower Upper
240 100
120 6.4 10.8 16.2#
236 26.5 21.6 32.4

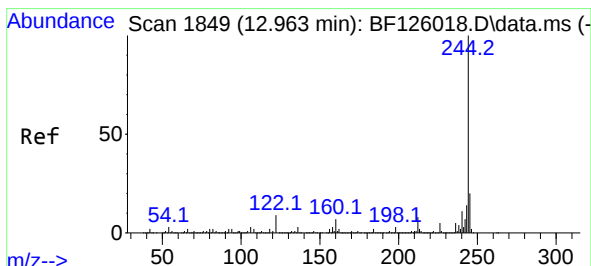
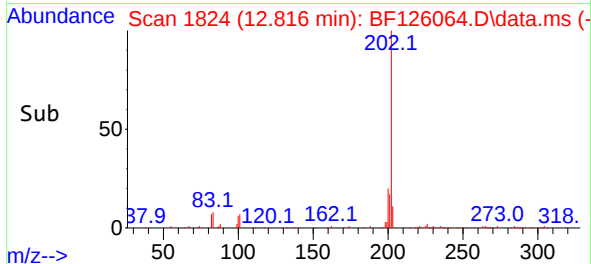
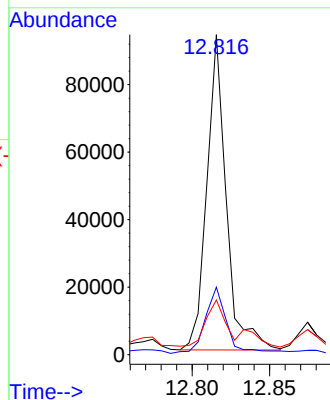
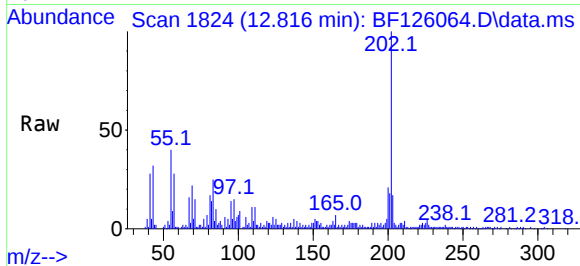




#78
Pyrene
Concen: 3.057 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF126064.D
Acq: 8 Nov 2021 14:32

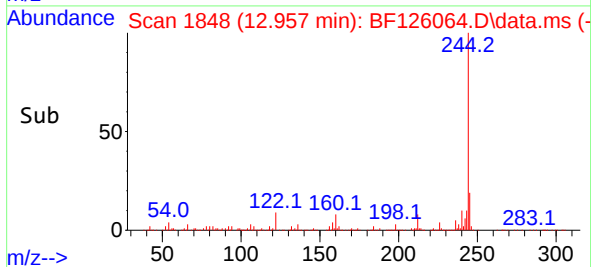
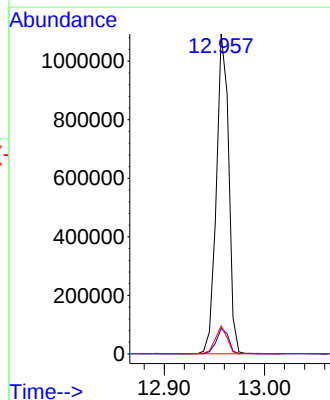
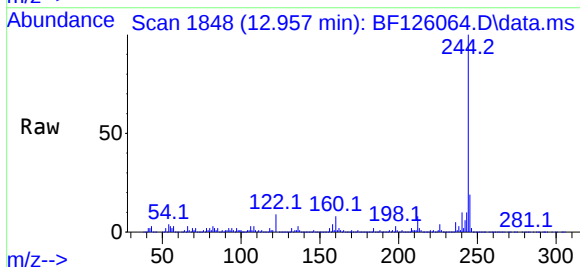
Instrument :
BNA_F
ClientSampleId :
PAINTED-WALLS

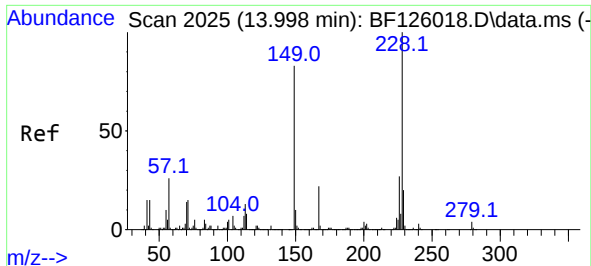
Tgt Ion:	202	Resp:	81638
Ion Ratio	Lower	Upper	
202	100		
200	21.1	15.3	22.9
203	17.1	13.4	20.0



#79
Terphenyl-d14
Concen: 45.315 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF126064.D
Acq: 8 Nov 2021 14:32

Tgt Ion:	244	Resp:	935659
Ion Ratio	Lower	Upper	
244	100		
212	8.0	5.9	8.9
122	8.7	9.0	13.4

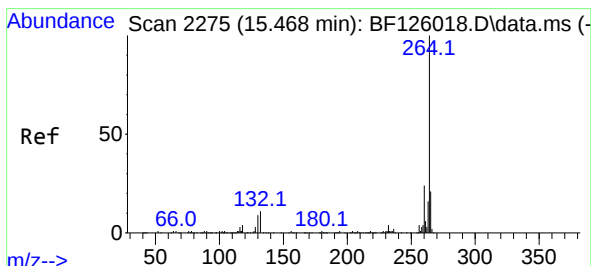
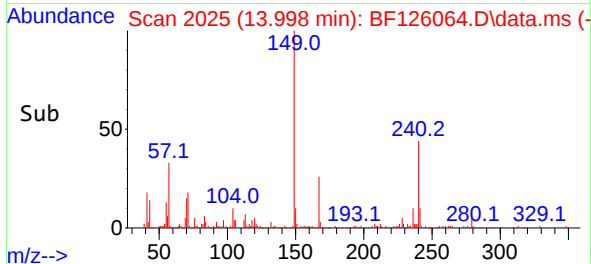
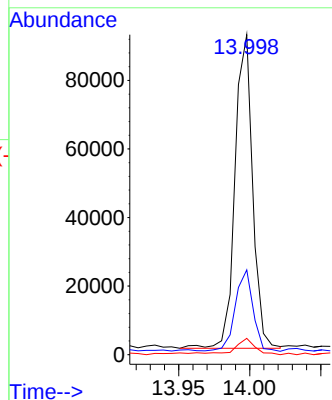
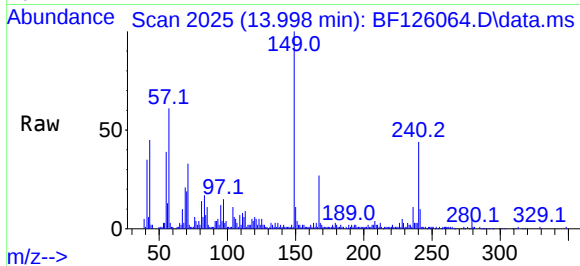




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.878 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF126064.D
Acq: 8 Nov 2021 14:32

Instrument :
BNA_F
ClientSampleId :
PAINTED-WALLS

Tgt Ion:149 Resp: 79241
Ion Ratio Lower Upper
149 100
167 26.5 21.4 32.0
279 5.1 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF126064.D
Acq: 8 Nov 2021 14:32

Tgt Ion:264 Resp: 281262
Ion Ratio Lower Upper
264 100
260 24.7 19.6 29.4
265 20.7 17.2 25.8

