

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112420\
 Data File : BF122470.D
 Acq On : 24 Nov 2020 16:30
 Operator : JU/CG
 Sample : L4829-18DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3DL

Quant Time: Nov 24 17:00:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 14:38:56 2020
 Response via : Initial Calibration

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

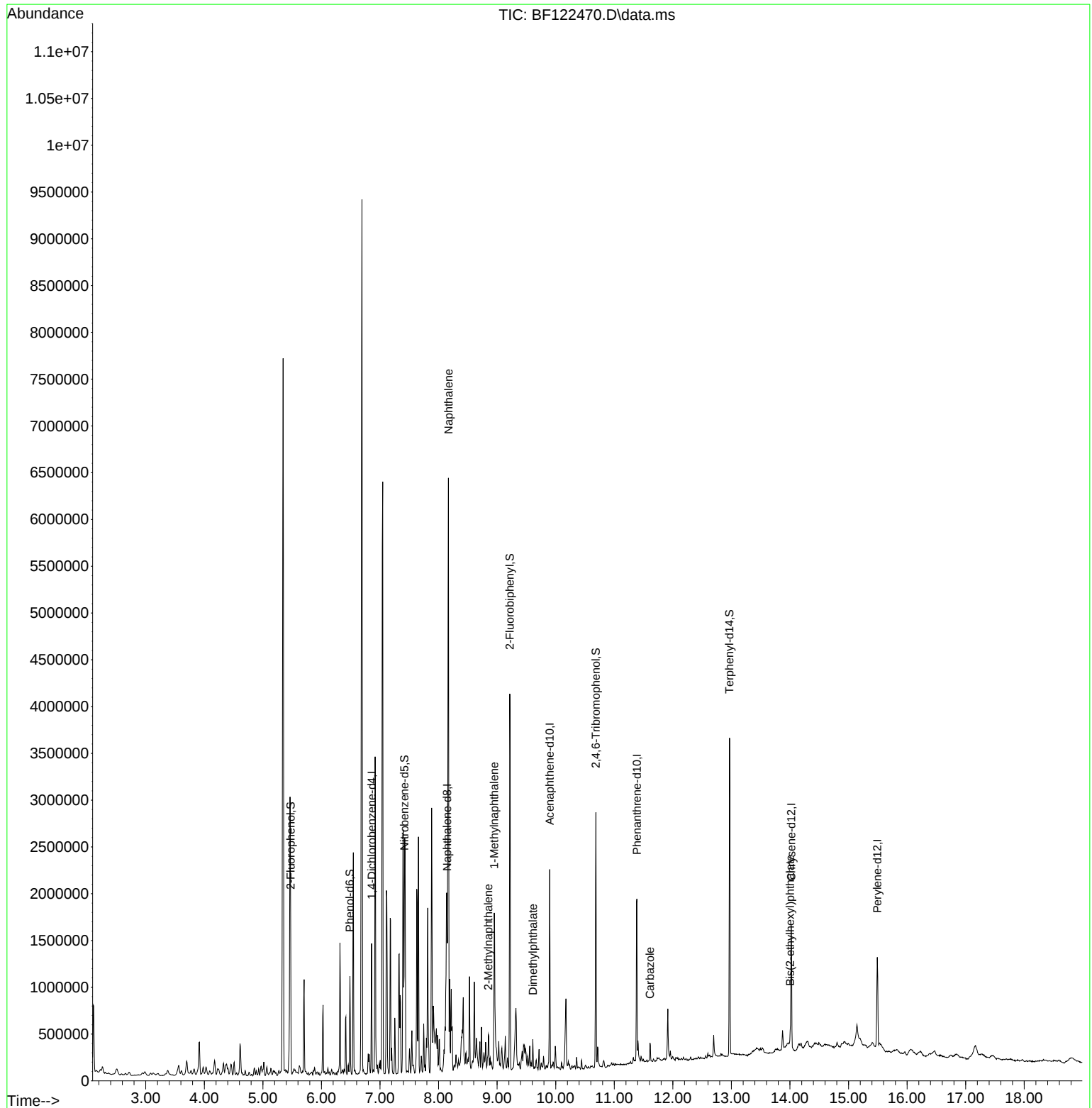
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	183785	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	690743	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	387488	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	673559	20.00	ng	# 0.00
76) Chrysene-d12	14.021	240	439432	20.00	ng	-0.01
86) Perylene-d12	15.492	264	459724	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	372520	31.12	ng	0.00
7) Phenol-d6	6.487	99	328461	20.98	ng	-0.01
23) Nitrobenzene-d5	7.416	82	624925	55.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	320872	77.15	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1234935	49.80	ng	0.00
79) Terphenyl-d14	12.968	244	1074888	51.82	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.169	128	2541991	69.22	ng	97
37) 2-Methylnaphthalene	8.851	142	73816	3.04	ng	98
38) 1-Methylnaphthalene	8.951	142	339928	14.97	ng	# 98
50) Dimethylphthalate	9.610	163	109055	3.96	ng	# 94
73) Carbazole	11.610	167	81253	2.27	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	45437	3.05	ng	98

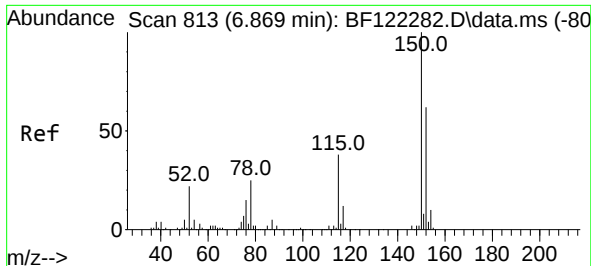
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 24 17:00:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

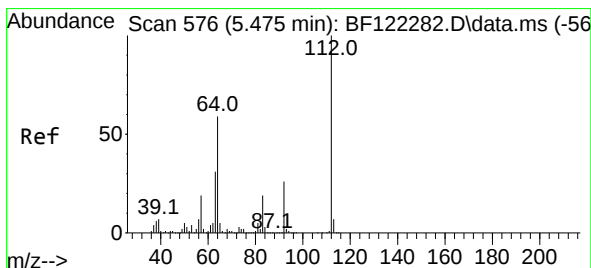
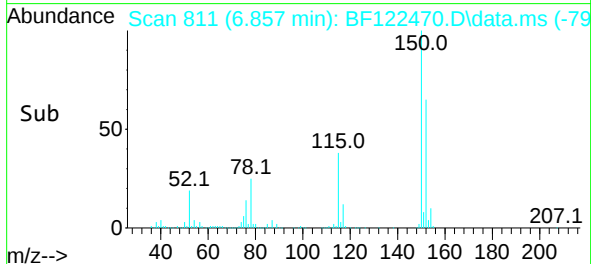
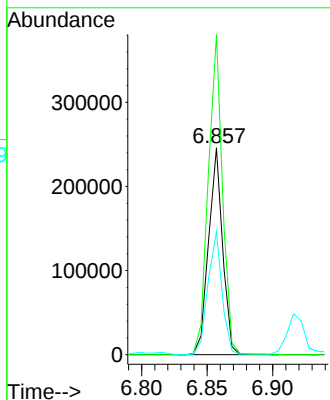
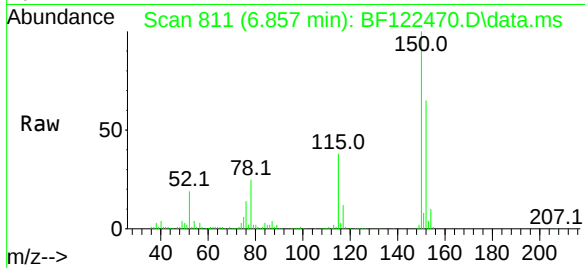




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

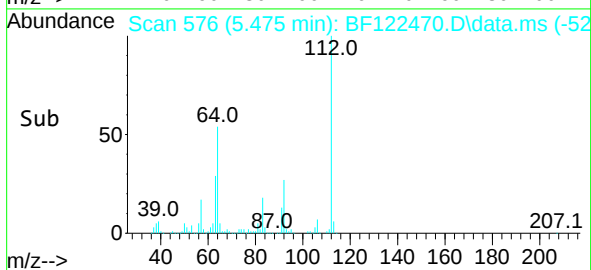
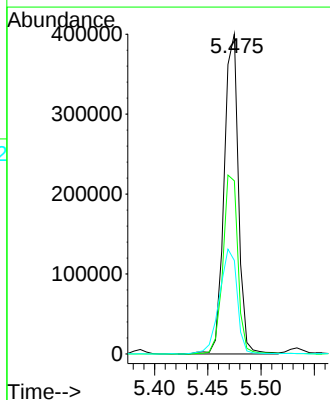
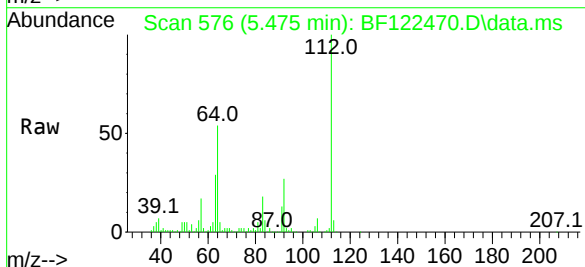
Instrument :
BNA_F
ClientSampleId :
MW-3DL

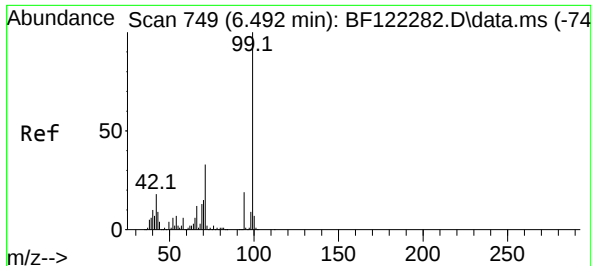
Tgt Ion:152 Resp: 183785
Ion Ratio Lower Upper
152 100
150 154.6 125.3 187.9
115 59.3 51.9 77.9



#5
2-Fluorophenol
Concen: 31.12 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion:112 Resp: 372520
Ion Ratio Lower Upper
112 100
64 54.1 50.4 75.6
63 29.2 25.8 38.6

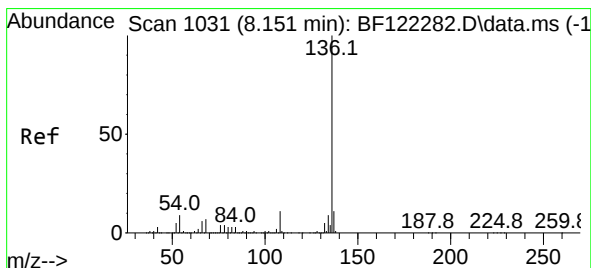
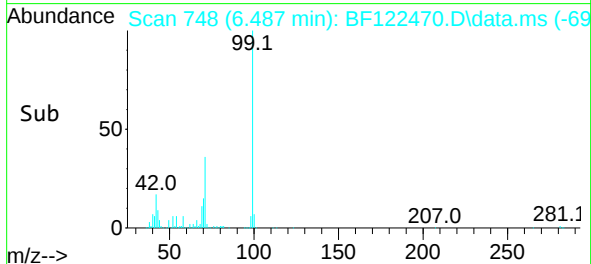
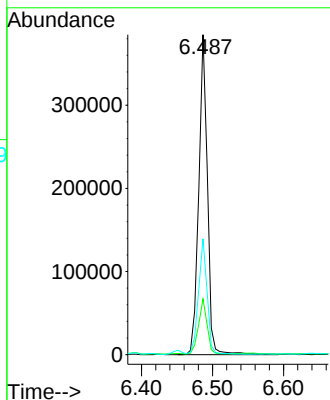
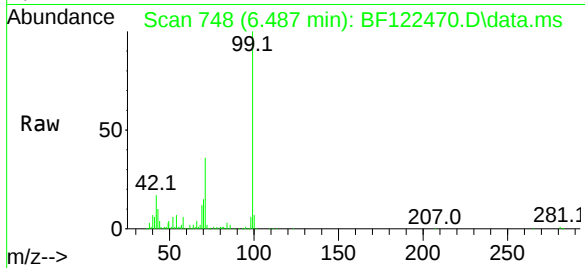




#7
Phenol-d6
Concen: 20.98 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

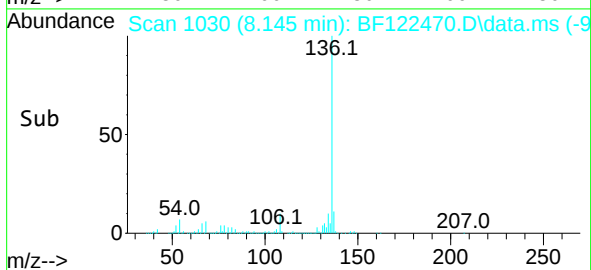
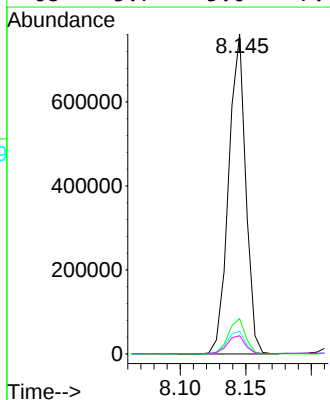
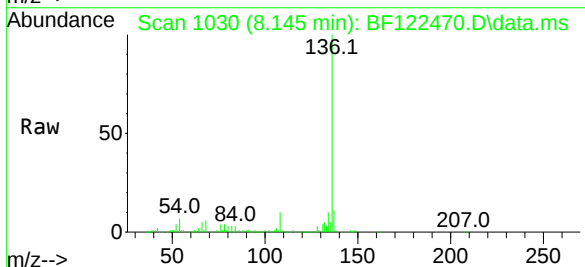
Instrument :
BNA_F
ClientSampleId :
MW-3DL

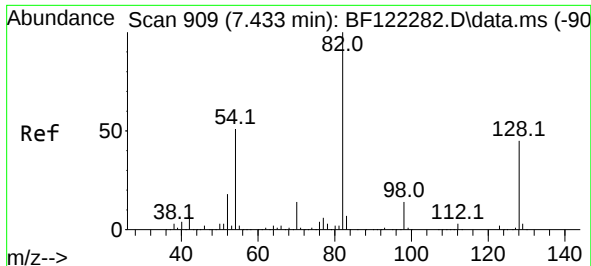
Tgt Ion: 99 Resp: 328461
Ion Ratio Lower Upper
99 100
42 17.4 15.9 23.9
71 36.2 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion: 136 Resp: 690743
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.1 7.1 10.7#
68 5.7 5.0 7.4

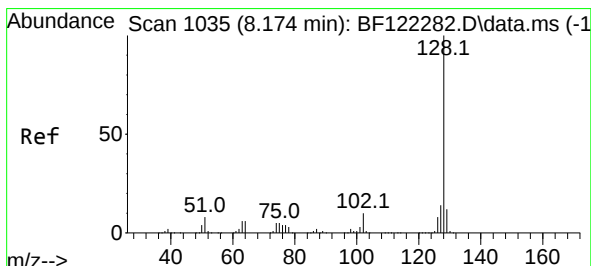
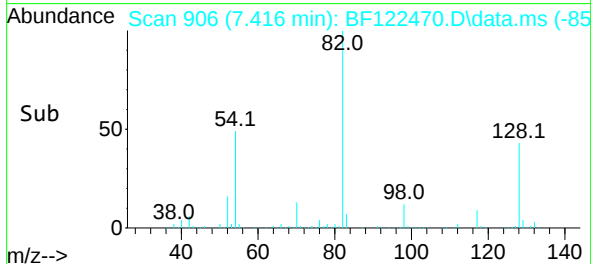
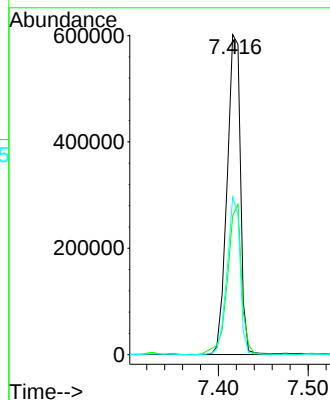
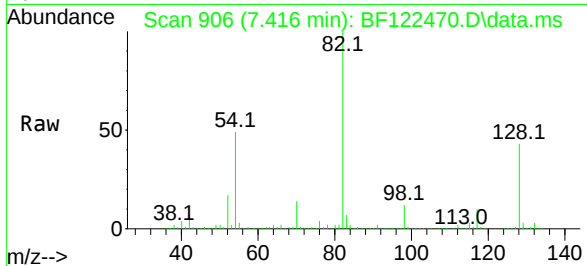




#23
Nitrobenzene-d5
Concen: 55.39 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

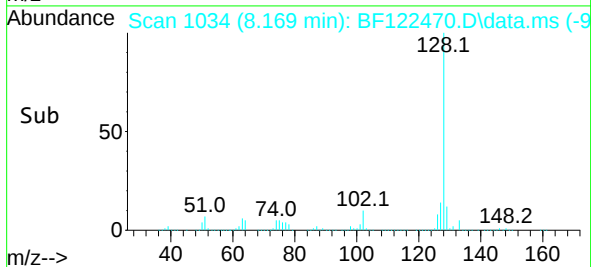
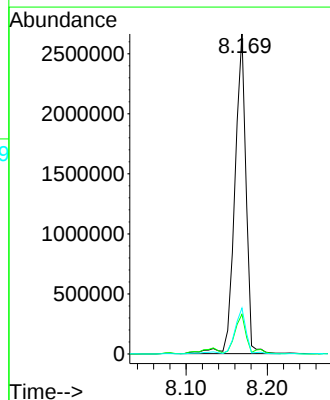
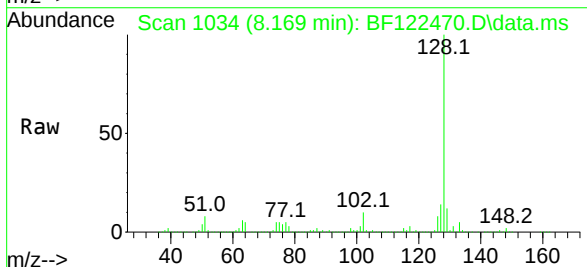
Instrument :
BNA_F
ClientSampleId :
MW-3DL

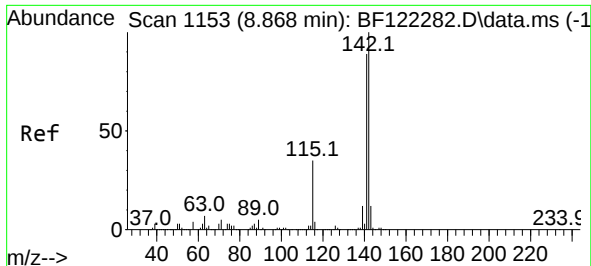
Tgt Ion: 82 Resp: 624925
Ion Ratio Lower Upper
82 100
128 43.4 35.0 52.4
54 49.3 43.9 65.9



#31
Naphthalene
Concen: 69.22 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion:128 Resp: 2541991
Ion Ratio Lower Upper
128 100
129 12.4 8.7 13.1
127 14.4 10.8 16.2

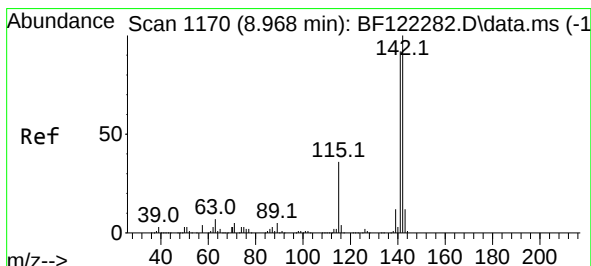
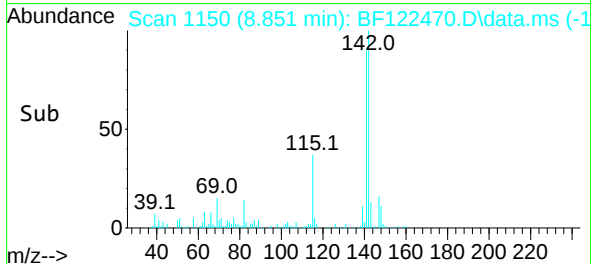
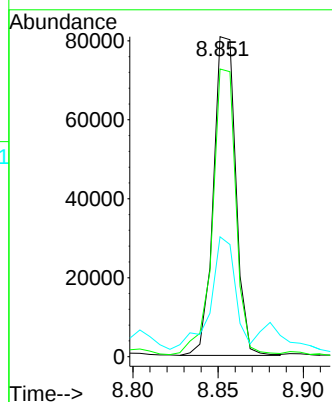
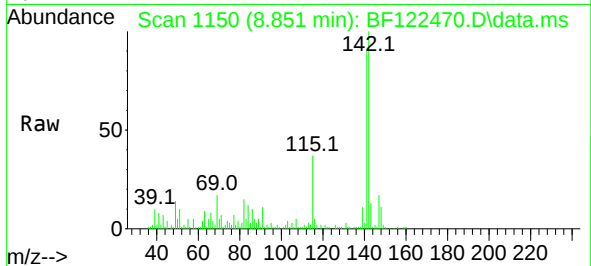




#37
2-Methylnaphthalene
Concen: 3.04 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

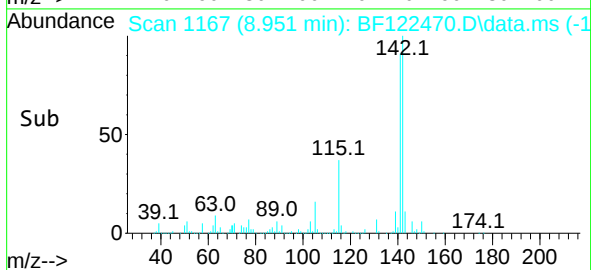
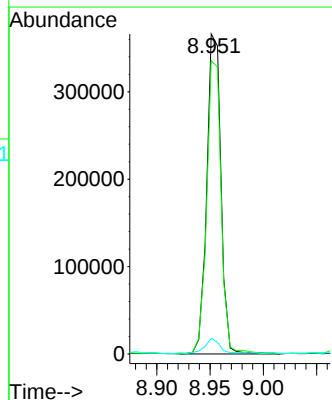
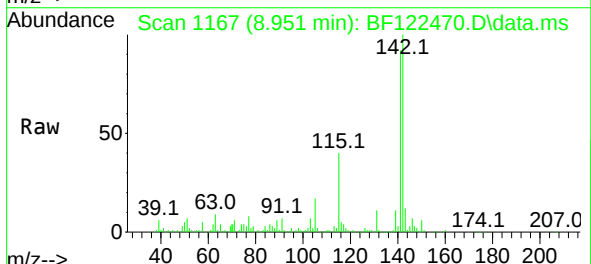
Instrument :
BNA_F
ClientSampleId :
MW-3DL

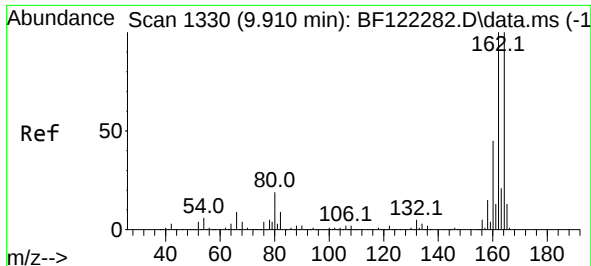
Tgt Ion:142 Resp: 73816
Ion Ratio Lower Upper
142 100
141 89.9 70.2 105.4
115 37.5 28.6 43.0



#38
1-Methylnaphthalene
Concen: 14.97 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion:142 Resp: 339928
Ion Ratio Lower Upper
142 100
141 91.7 74.5 111.7
116 4.8 3.2 4.8#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF122470.D

Acq: 24 Nov 2020 16:30

Instrument :

BNA_F

ClientSampleId :

MW-3DL

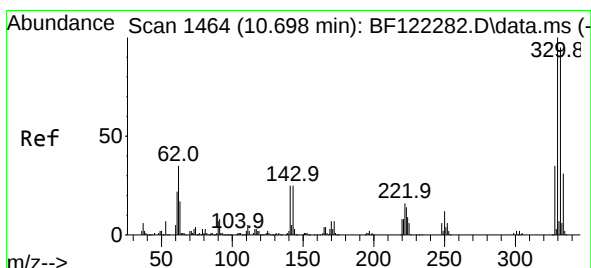
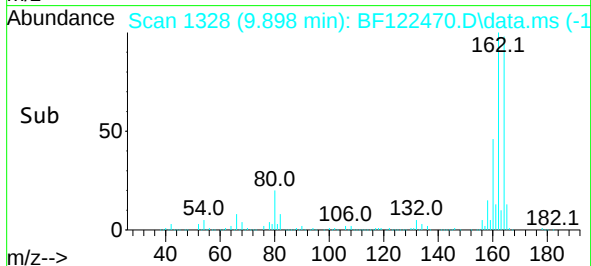
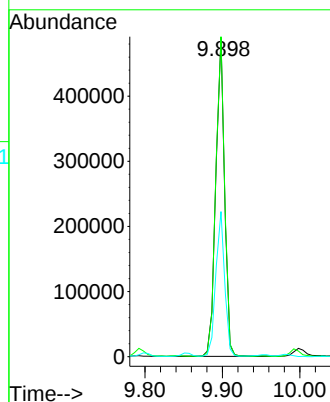
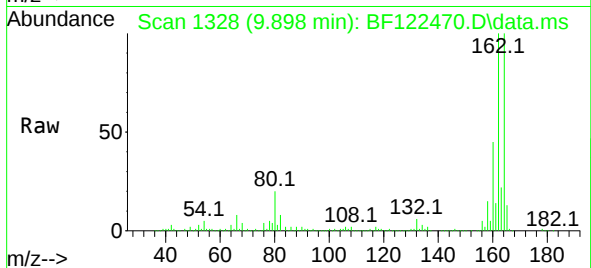
Tgt Ion:164 Resp: 387488

Ion Ratio Lower Upper

164 100

162 100.2 83.2 124.8

160 45.4 37.5 56.3



#42

2,4,6-Tribromophenol

Concen: 77.15 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF122470.D

Acq: 24 Nov 2020 16:30

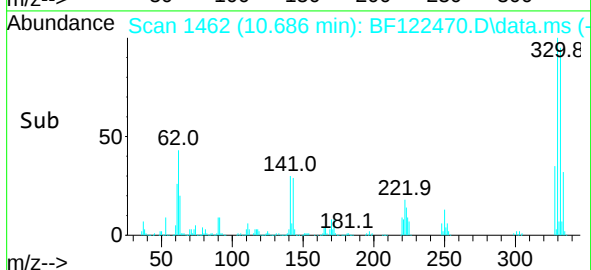
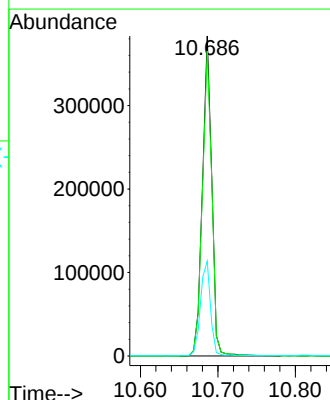
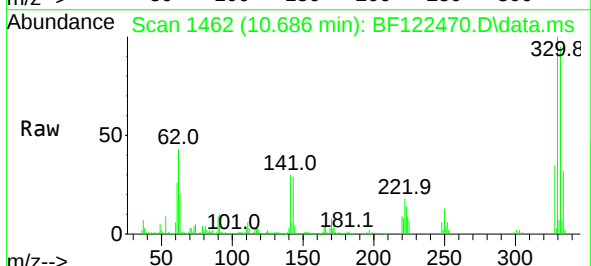
Tgt Ion:330 Resp: 320872

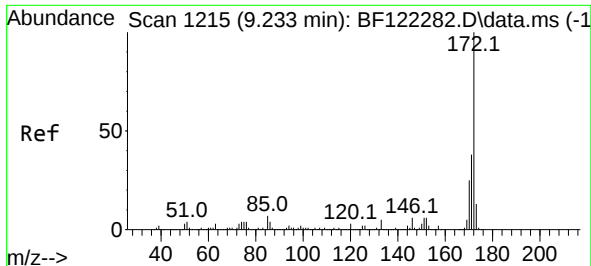
Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 32.6 22.3 33.5

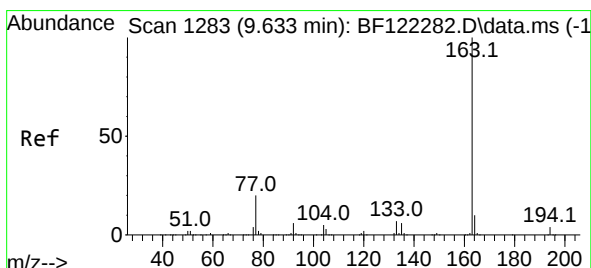
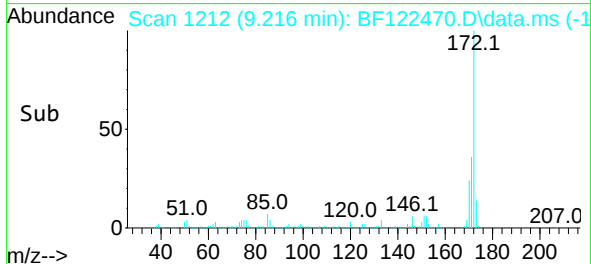
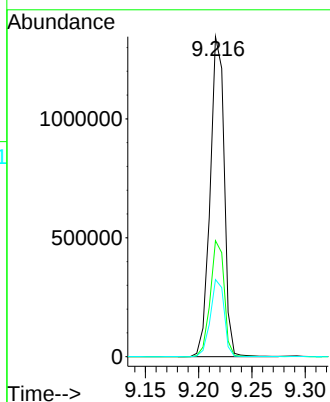
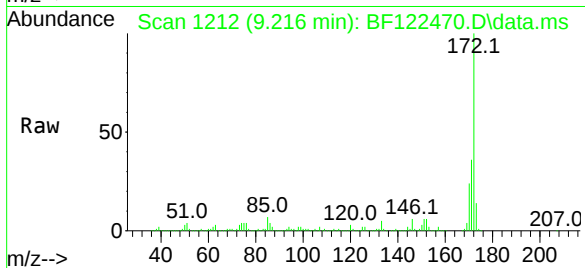




#45
2-Fluorobiphenyl
Concen: 49.80 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

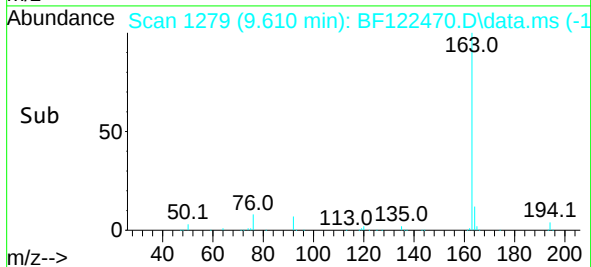
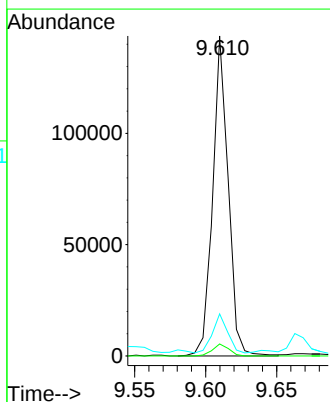
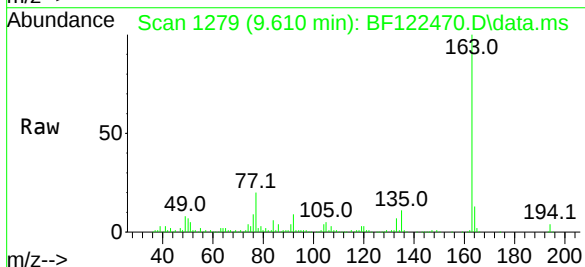
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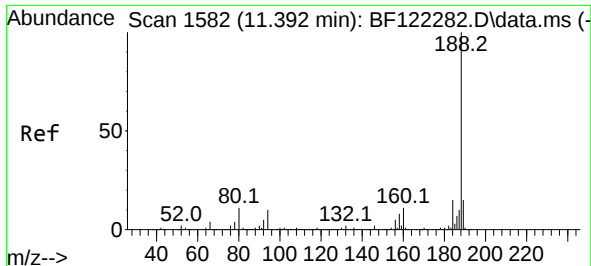
Tgt Ion:172 Resp: 1234935
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.1 19.8 29.6



#50
Dimethylphthalate
Concen: 3.96 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion:163 Resp: 109055
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 13.2 8.2 12.4#

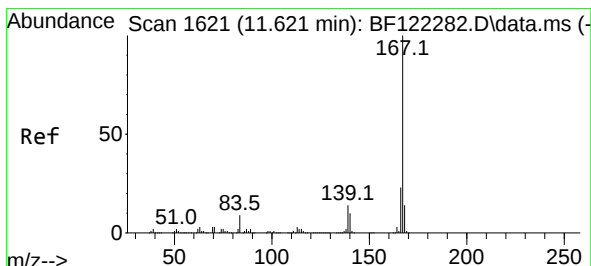
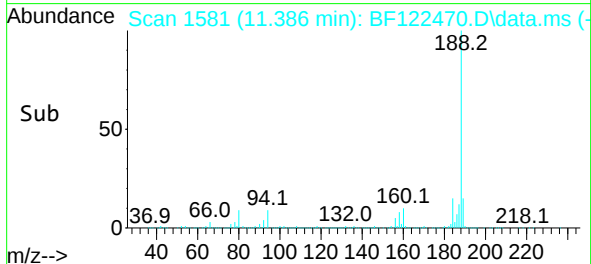
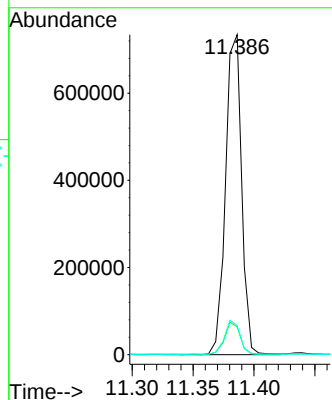
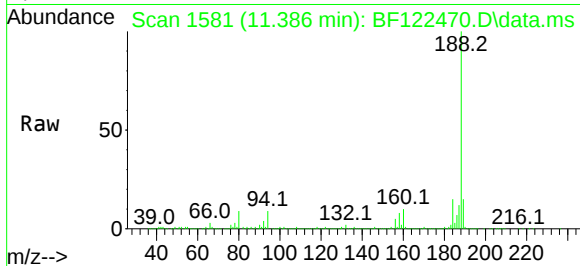




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

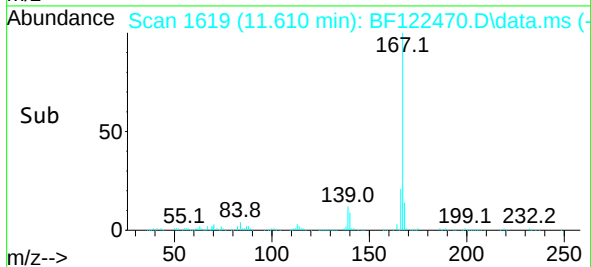
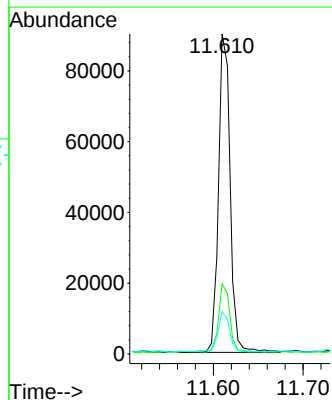
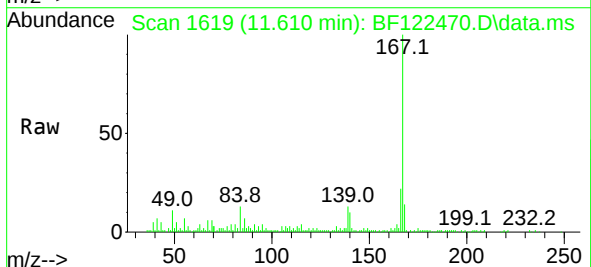
Instrument :
BNA_F
ClientSampleId :
MW-3DL

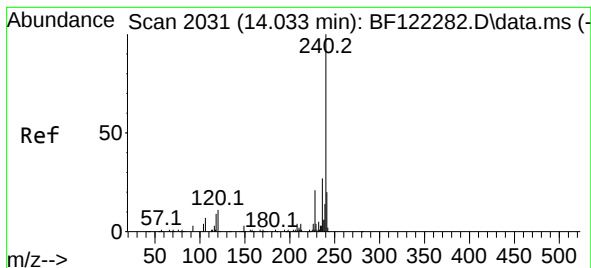
Tgt Ion:188 Resp: 673559
Ion Ratio Lower Upper
188 100
94 8.6 8.3 12.5
80 9.1 9.1 13.7#



#73
Carbazole
Concen: 2.27 ng
RT: 11.610 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion:167 Resp: 81253
Ion Ratio Lower Upper
167 100
166 21.9 17.8 26.6
139 13.2 10.8 16.2

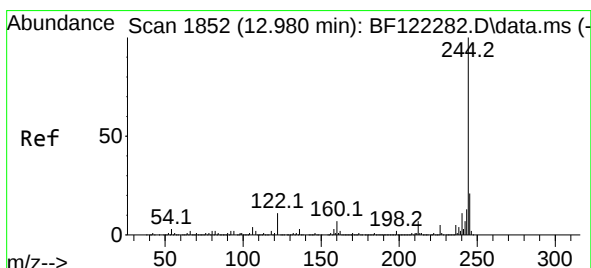
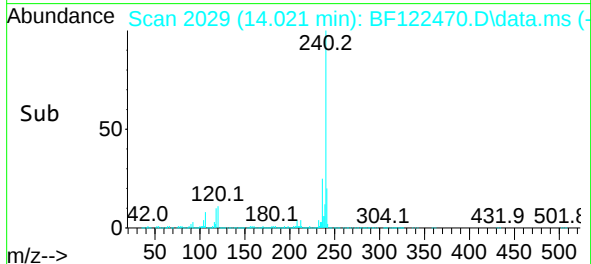
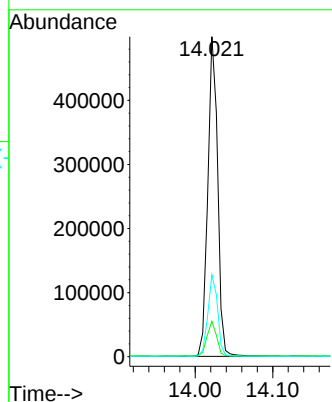
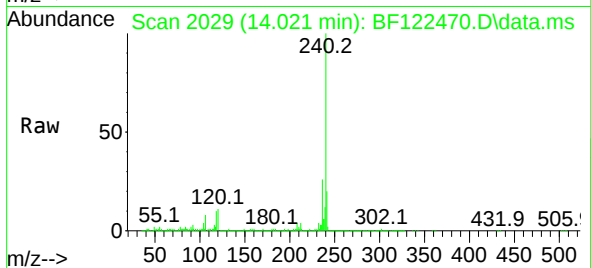




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

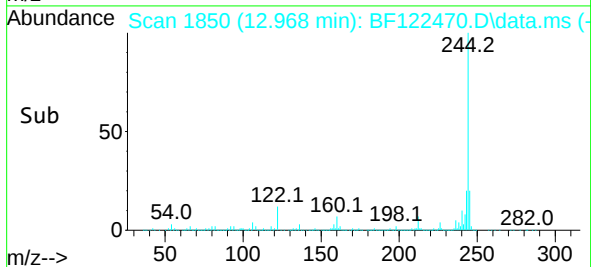
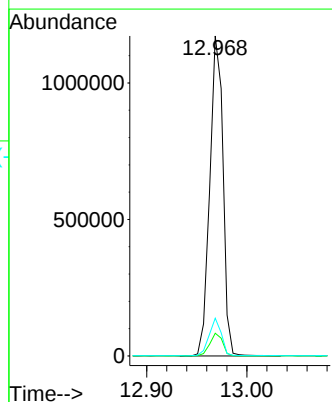
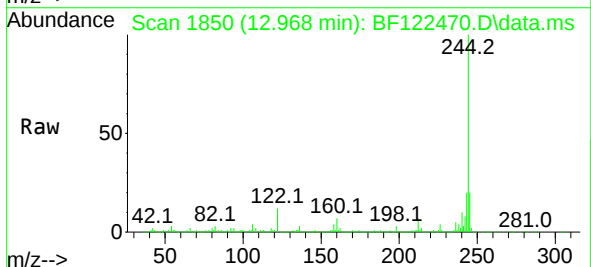
Instrument :
BNA_F
ClientSampleId :
MW-3DL

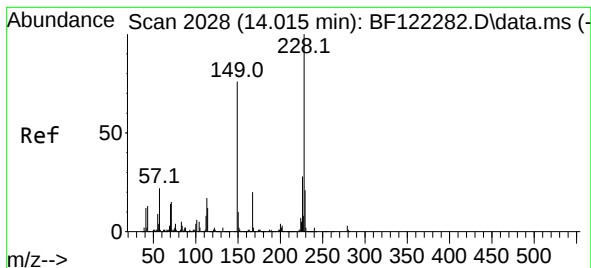
Tgt Ion:240 Resp: 439432
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 51.82 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion:244 Resp: 1074888
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.8 8.1 12.1



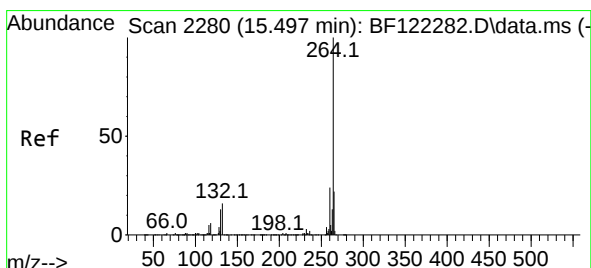
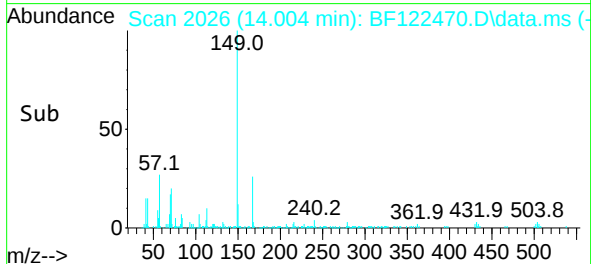
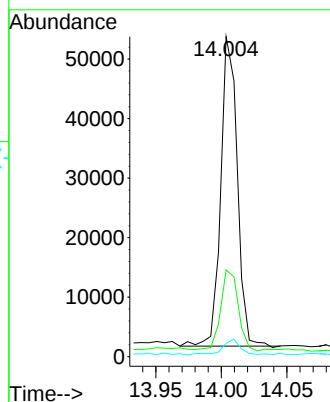
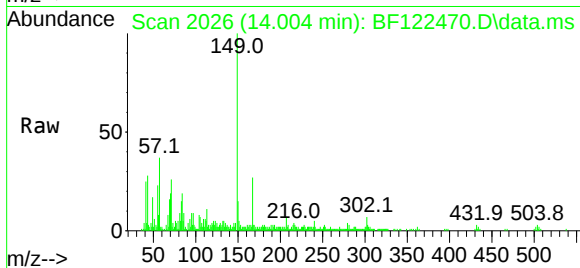


#84

Bis(2-ethylhexyl)phthalate
Concen: 3.05 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Instrument :
BNA_F
ClientSampleId :
MW-3DL

Tgt Ion:149 Resp: 45437
Ion Ratio Lower Upper
149 100
167 27.1 20.9 31.3
279 4.2 3.2 4.8



#86

Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.012 min
Lab File: BF122470.D
Acq: 24 Nov 2020 16:30

Tgt Ion:264 Resp: 459724
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.3 17.3 25.9

