

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
 Data File : BF122427.D
 Acq On : 21 Nov 2020 18:39
 Operator : JU/CG
 Sample : L4829-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Nov 23 01:00:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

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

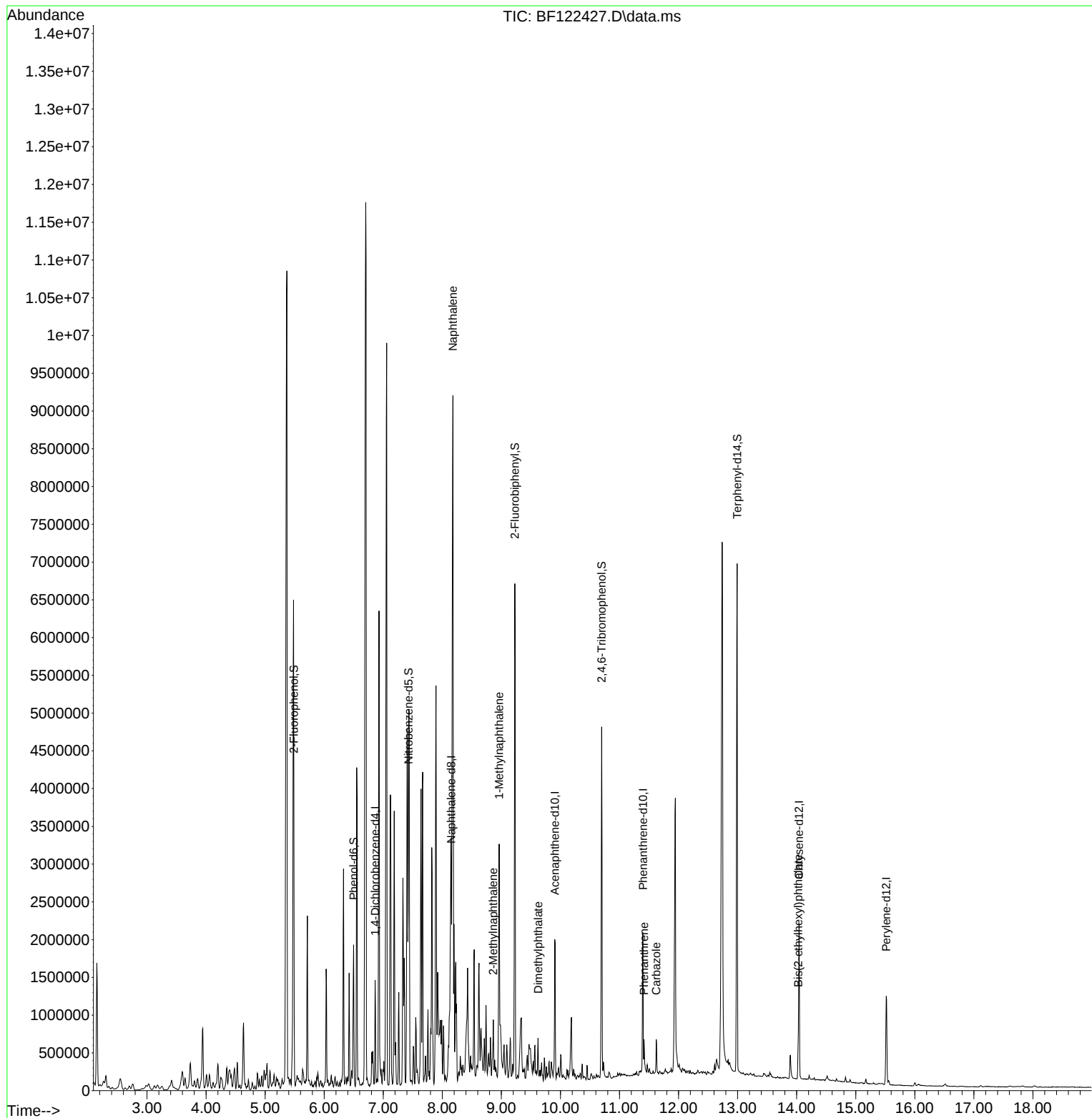
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	198423	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	690864	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	392658	20.00	ng	-0.01
64) Phenanthrene-d10	11.398	188	723993	20.00	ng	0.00
76) Chrysene-d12	14.039	240	671803	20.00	ng	-0.01
86) Perylene-d12	15.515	264	598954	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	735291	56.90	ng	0.00
7) Phenol-d6	6.498	99	680057	40.23	ng	-0.01
23) Nitrobenzene-d5	7.428	82	1222353	108.32	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	622506	147.71	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2243447	89.27	ng	0.00
79) Terphenyl-d14	12.992	244	2256431	71.16	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.181	128	4518117	123.01	ng	# 95
37) 2-Methylnaphthalene	8.863	142	145668	6.00	ng	97
38) 1-Methylnaphthalene	8.963	142	660976	29.10	ng	100
50) Dimethylphthalate	9.622	163	205896	7.38	ng	98
71) Phenanthrene	11.416	178	153250	3.73	ng	98
73) Carbazole	11.622	167	185441	4.81	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	101158	4.45	ng	# 97

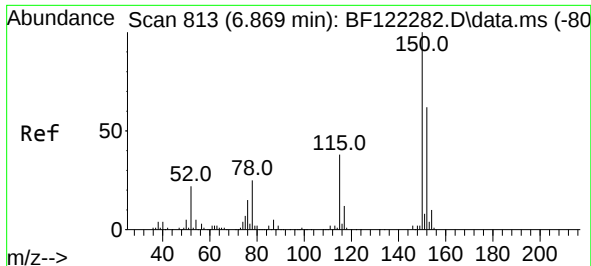
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 20 13:27:02 2020
Response via : Initial Calibration

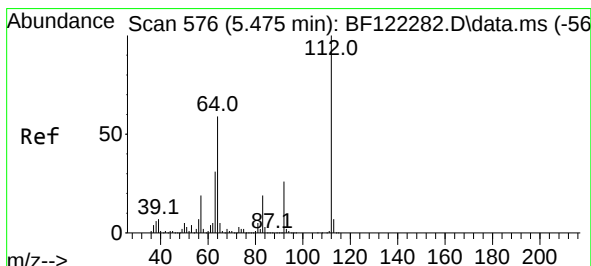
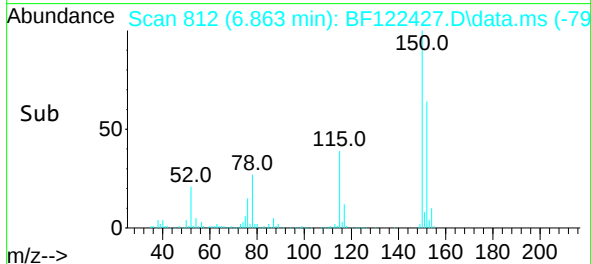
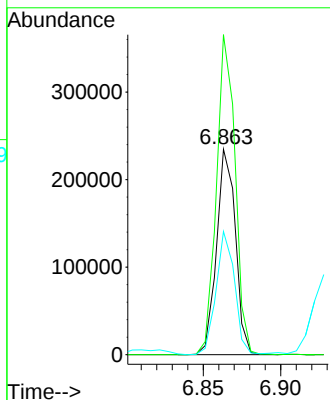
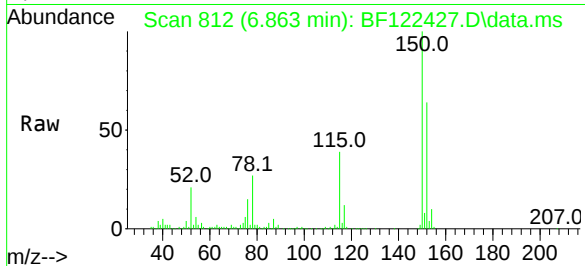




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122427.D
Acq: 21 Nov 2020 18:39

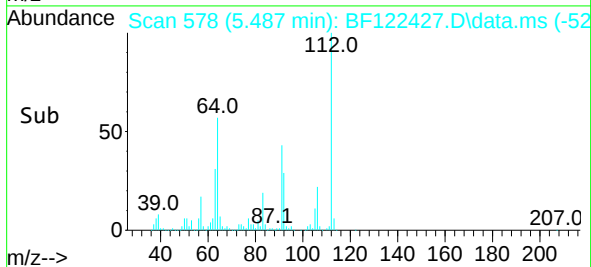
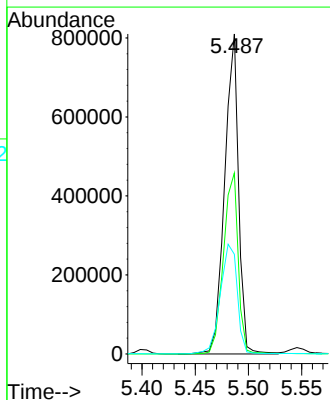
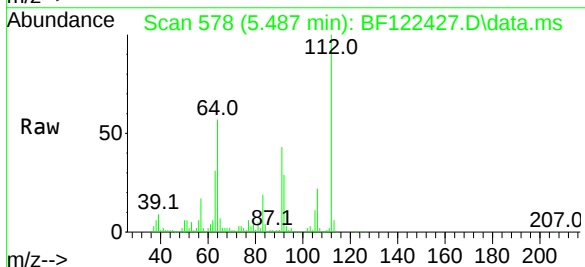
Instrument :
BNA_F
ClientSampleId :
MW-3

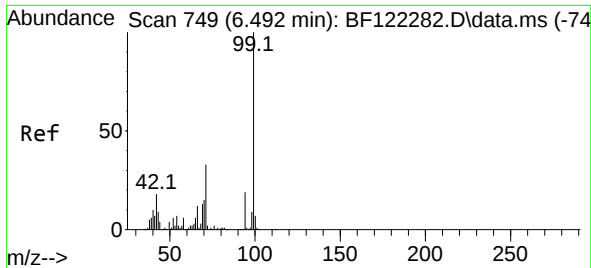
Tgt Ion:152 Resp: 198423
Ion Ratio Lower Upper
152 100
150 155.8 125.3 187.9
115 60.0 51.9 77.9



#5
2-Fluorophenol
Concen: 56.90 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF122427.D
Acq: 21 Nov 2020 18:39

Tgt Ion:112 Resp: 735291
Ion Ratio Lower Upper
112 100
64 56.5 50.4 75.6
63 31.1 25.8 38.6

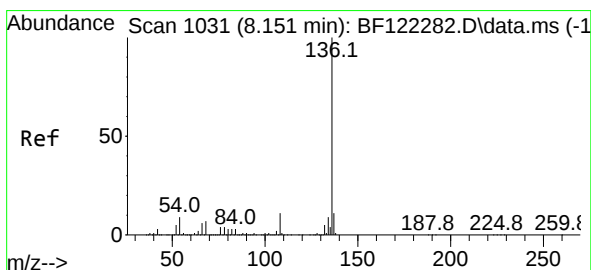
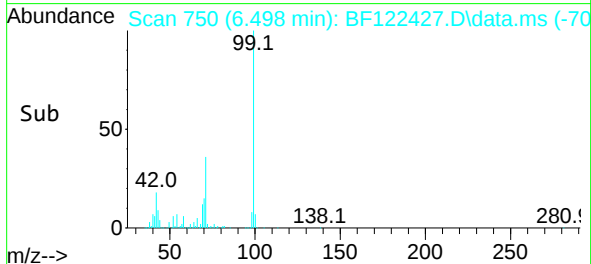
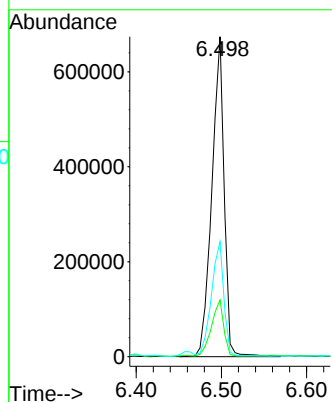
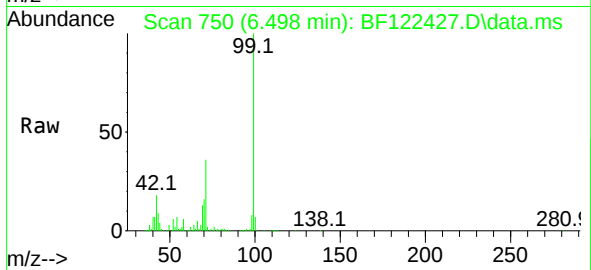




#7
Phenol-d6
Concen: 40.23 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122427.D
Acq: 21 Nov 2020 18:39

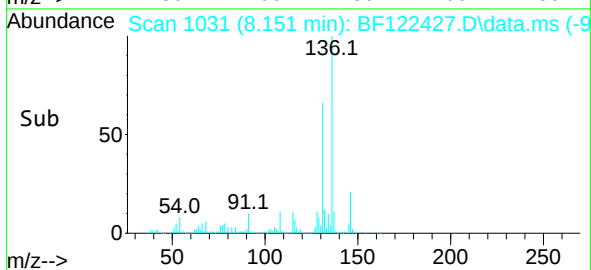
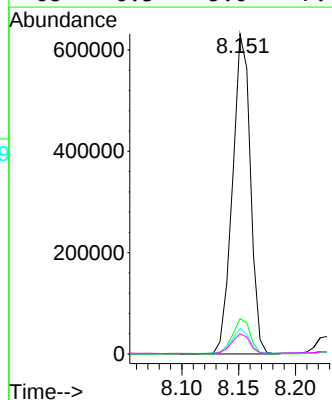
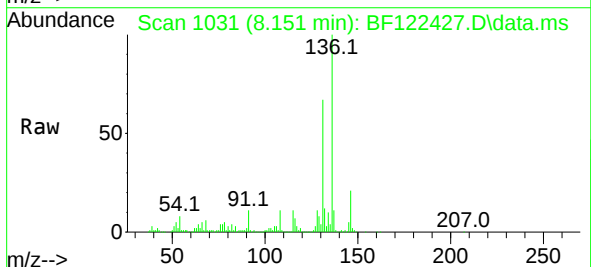
Instrument :
BNA_F
ClientSampleId :
MW-3

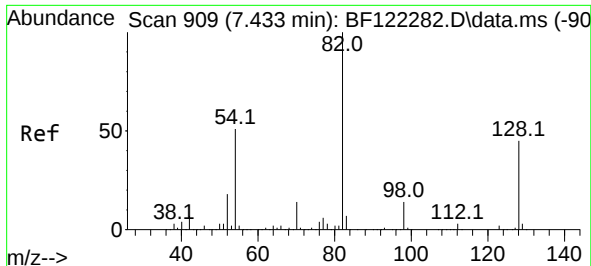
Tgt Ion: 99 Resp: 680057
Ion Ratio Lower Upper
99 100
42 17.7 15.9 23.9
71 36.0 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122427.D
Acq: 21 Nov 2020 18:39

Tgt Ion: 136 Resp: 690864
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.9 7.1 10.7
68 6.3 5.0 7.4

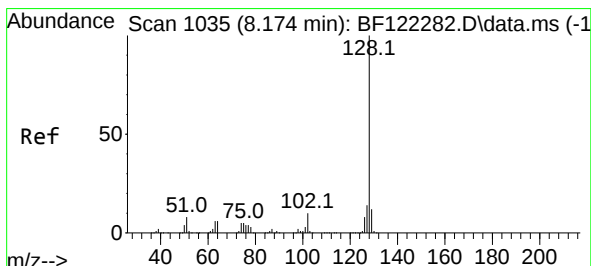
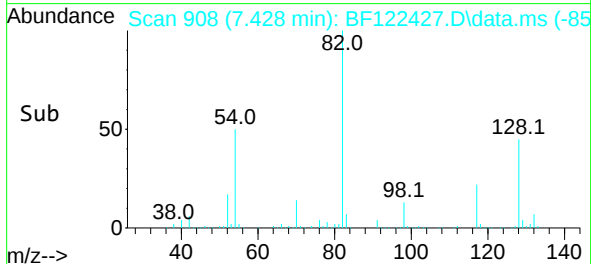
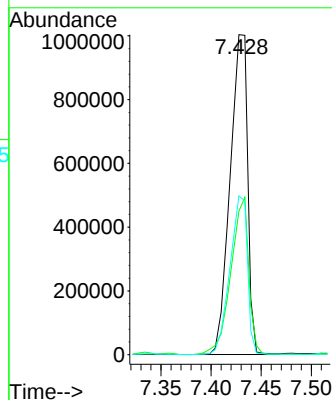
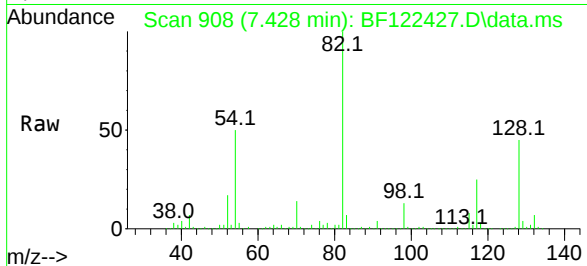




#23
Nitrobenzene-d5
Concen: 108.32 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122427.D
Acq: 21 Nov 2020 18:39

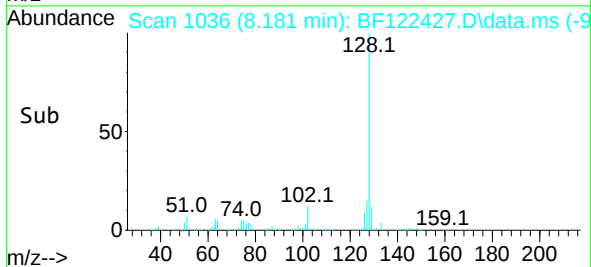
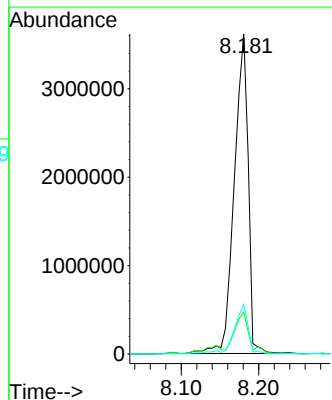
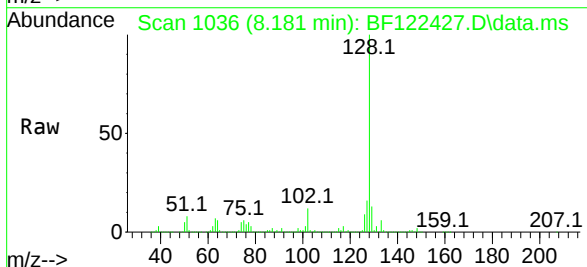
Instrument :
BNA_F
ClientSampleId :
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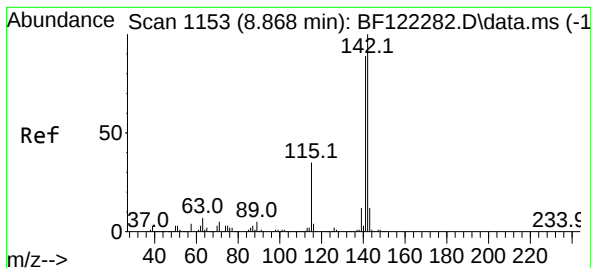
Tgt Ion: 82 Resp: 1222353
Ion Ratio Lower Upper
82 100
128 44.9 35.0 52.4
54 49.7 43.9 65.9



#31
Naphthalene
Concen: 123.01 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF122427.D
Acq: 21 Nov 2020 18:39

Tgt Ion: 128 Resp: 4518117
Ion Ratio Lower Upper
128 100
129 13.1 8.7 13.1#
127 15.6 10.8 16.2

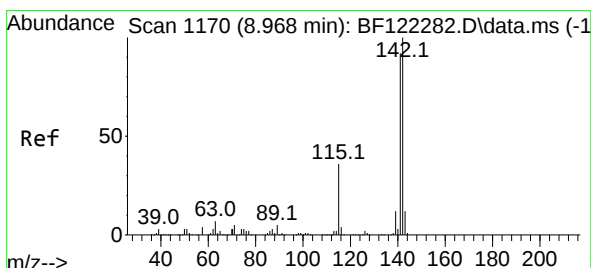
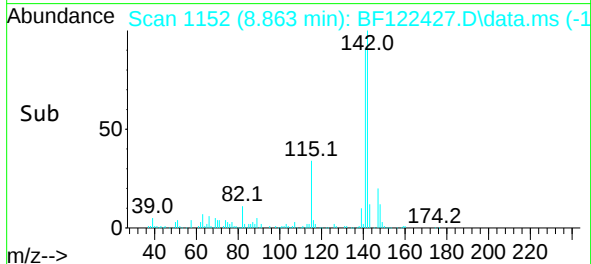
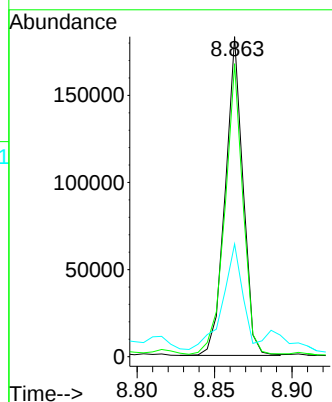
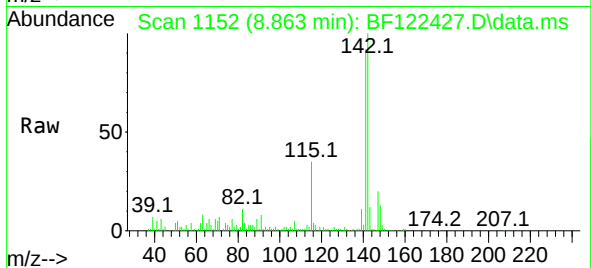




#37
2-Methylnaphthalene
Concen: 6.00 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF122427.D
Acq: 21 Nov 2020 18:39

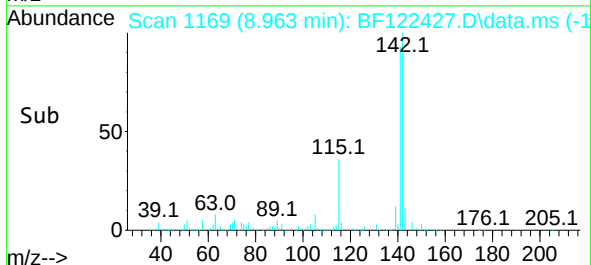
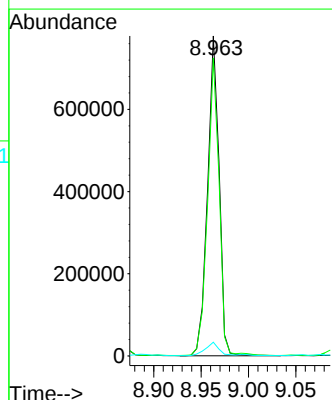
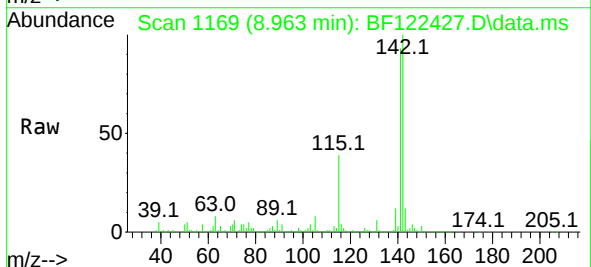
Instrument :
BNA_F
ClientSampleId :
MW-3

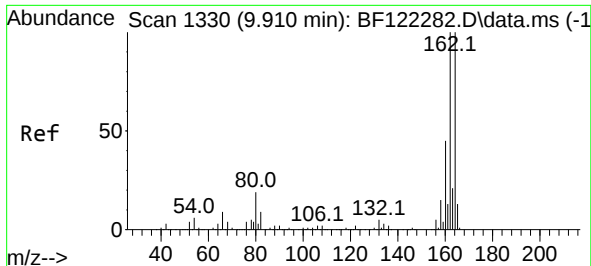
Tgt Ion:142 Resp: 145668
Ion Ratio Lower Upper
142 100
141 91.6 70.2 105.4
115 35.2 28.6 43.0



#38
1-Methylnaphthalene
Concen: 29.10 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF122427.D
Acq: 21 Nov 2020 18:39

Tgt Ion:142 Resp: 660976
Ion Ratio Lower Upper
142 100
141 93.1 74.5 111.7
116 4.3 3.2 4.8

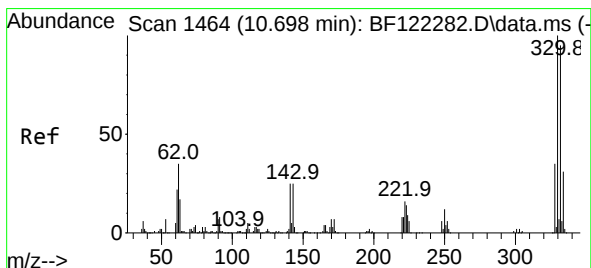
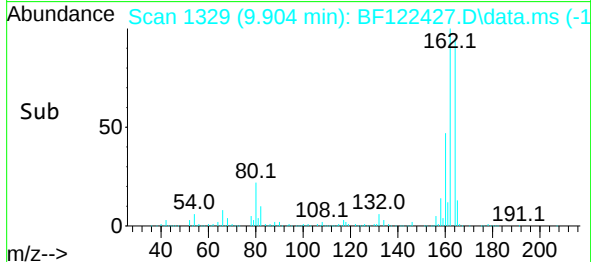
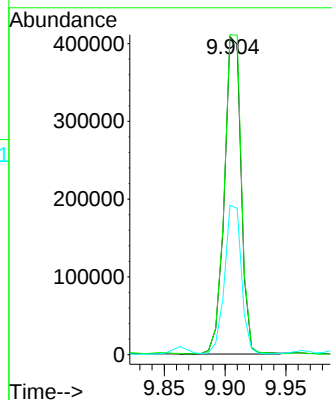
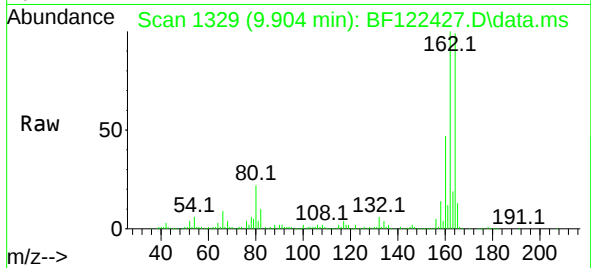




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF122427.D
Acq: 21 Nov 2020 18:39

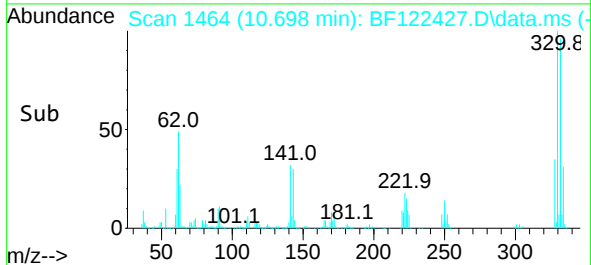
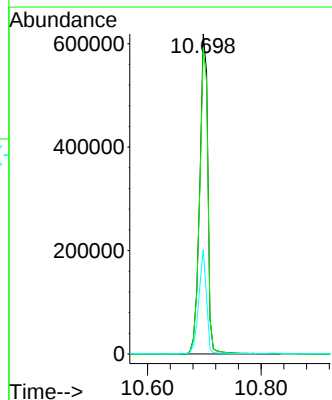
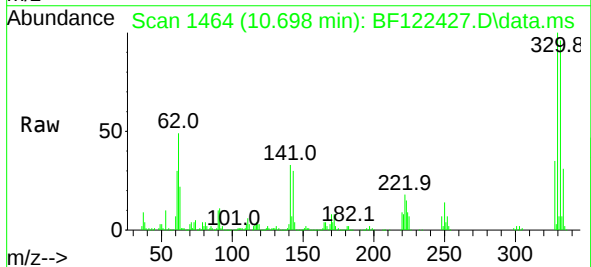
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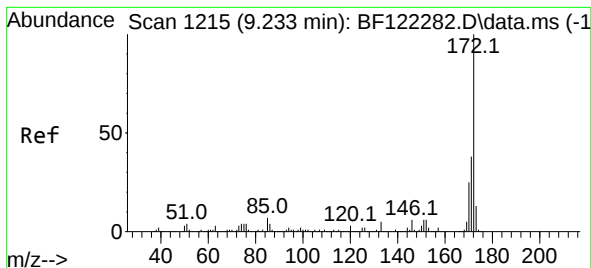
Tgt Ion:164 Resp: 392658
Ion Ratio Lower Upper
164 100
162 100.6 83.2 124.8
160 46.9 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 147.71 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122427.D
Acq: 21 Nov 2020 18:39

Tgt Ion:330 Resp: 622506
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 30.6 22.3 33.5

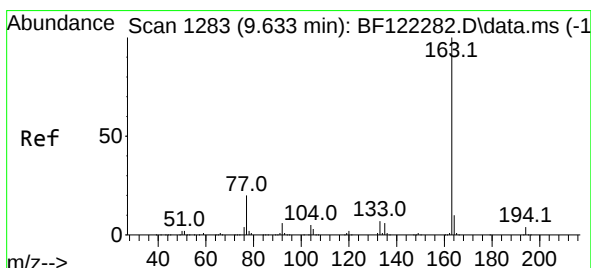
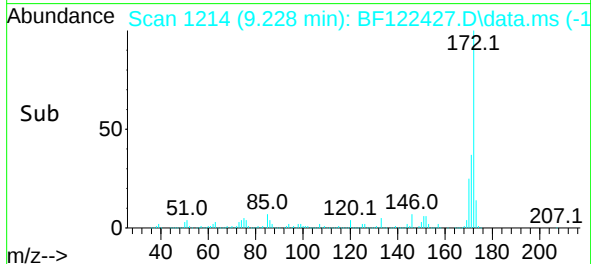
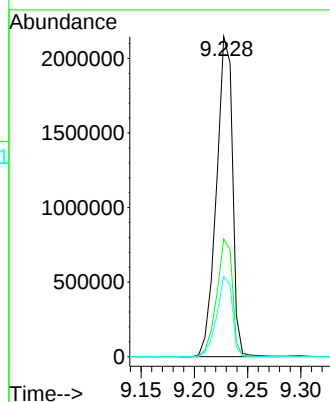
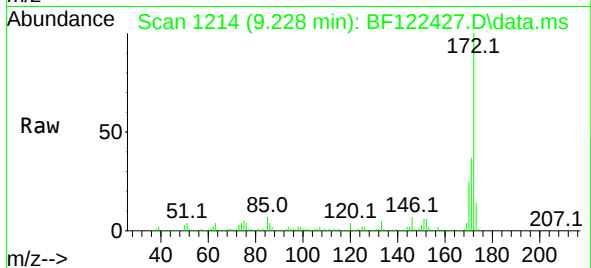




#45
2-Fluorobiphenyl
Concen: 89.27 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122427.D
Acq: 21 Nov 2020 18:39

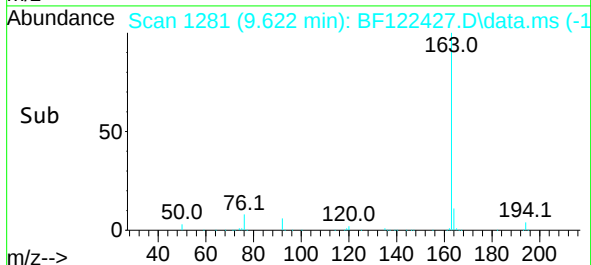
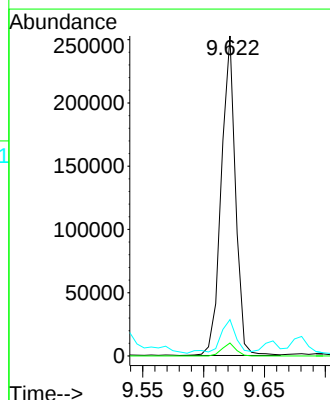
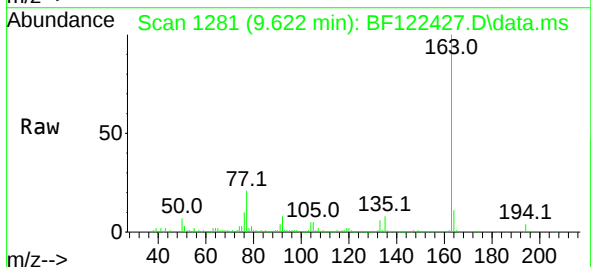
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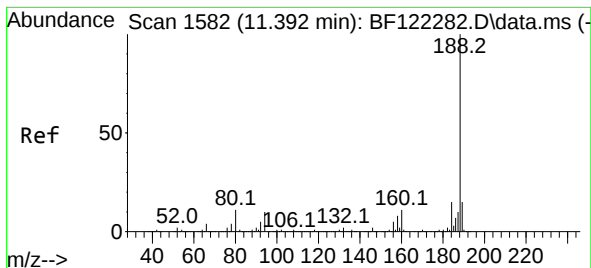
Tgt Ion:172 Resp: 2243447
Ion Ratio Lower Upper
172 100
171 36.8 29.1 43.7
170 25.1 19.8 29.6



#50
Dimethylphthalate
Concen: 7.38 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122427.D
Acq: 21 Nov 2020 18:39

Tgt Ion:163 Resp: 205896
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 11.3 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.398 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF122427.D

Acq: 21 Nov 2020 18:39

Tgt Ion:188 Resp: 723993

Ion Ratio Lower Upper

188 100

94 8.9 8.3 12.5

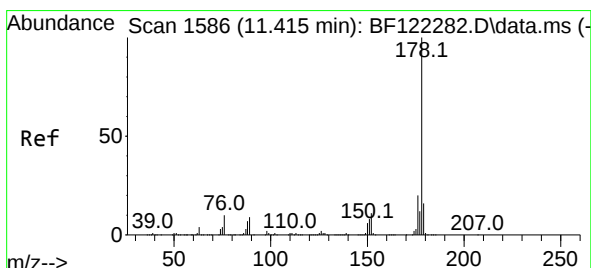
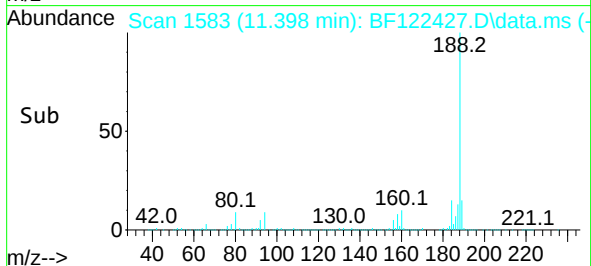
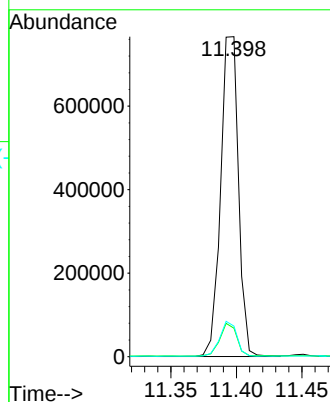
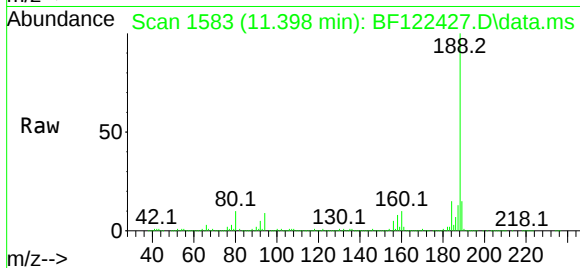
80 9.5 9.1 13.7

Instrument :

BNA_F

ClientSampleId :

MW-3



#71

Phenanthrene

Concen: 3.73 ng

RT: 11.416 min Scan# 1586

Delta R.T. -0.012 min

Lab File: BF122427.D

Acq: 21 Nov 2020 18:39

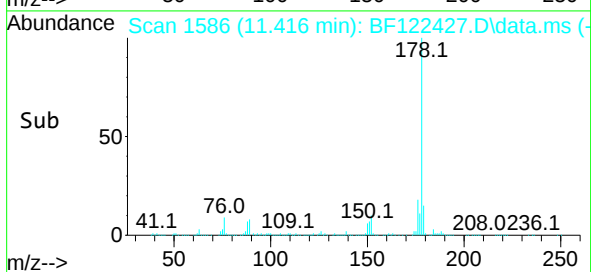
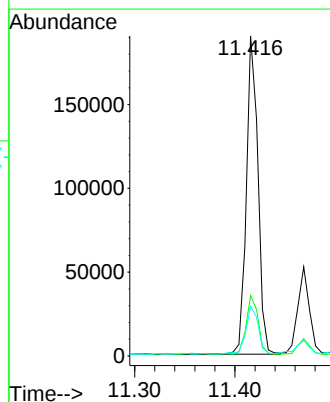
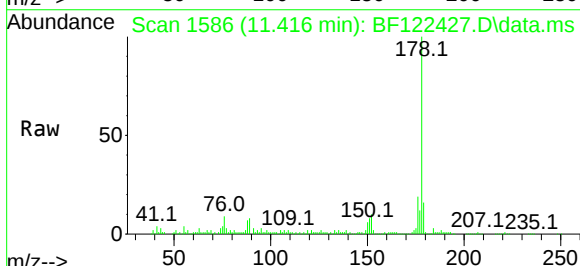
Tgt Ion:178 Resp: 153250

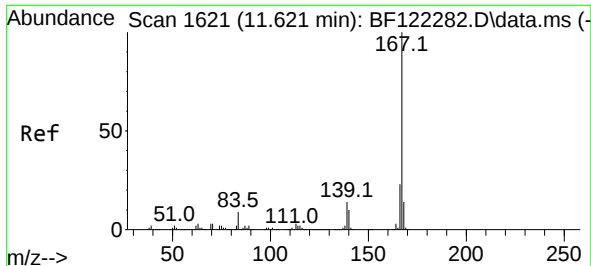
Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

179 15.6 12.2 18.4

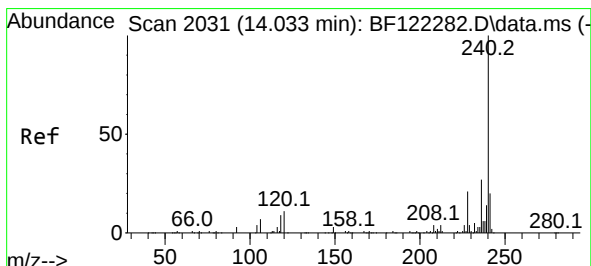
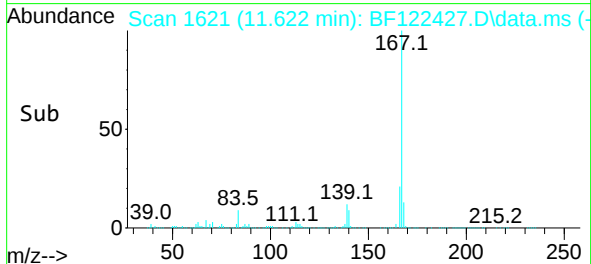
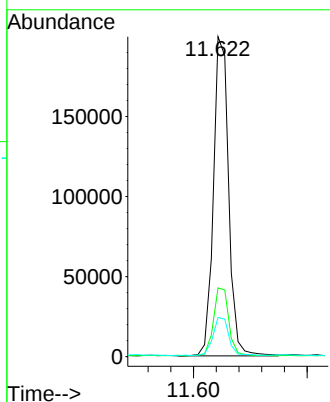
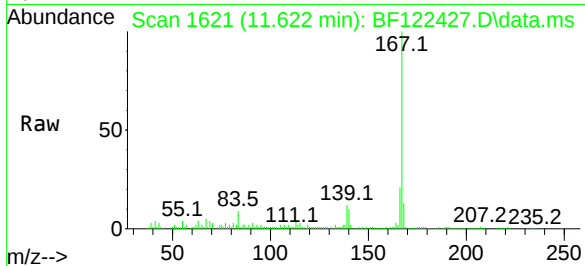




#73
 Carbazole
 Concen: 4.81 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. -0.012 min
 Lab File: BF122427.D
 Acq: 21 Nov 2020 18:39

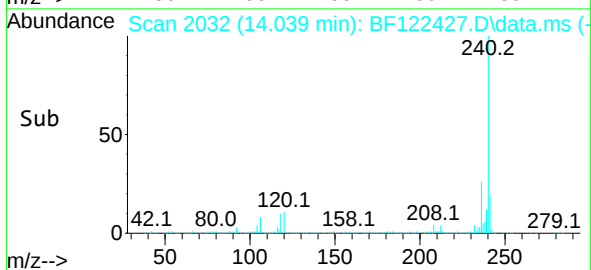
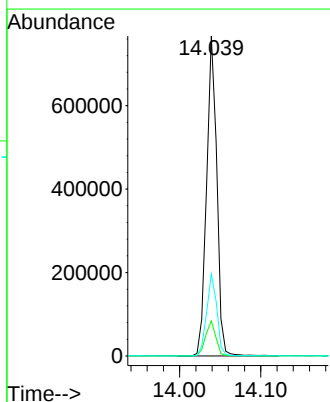
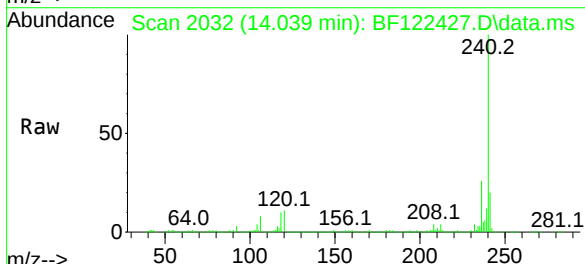
Instrument :
 BNA_F
 ClientSampled :
 MW-3

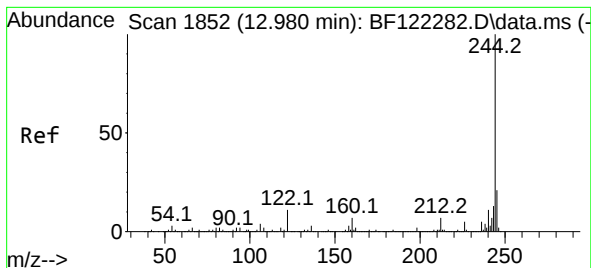
Tgt Ion:167 Resp: 185441
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 12.3 10.8 16.2



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.039 min Scan# 2032
 Delta R.T. -0.012 min
 Lab File: BF122427.D
 Acq: 21 Nov 2020 18:39

Tgt Ion:240 Resp: 671803
 Ion Ratio Lower Upper
 240 100
 120 11.0 9.2 13.8
 236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 71.16 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF122427.D

Acq: 21 Nov 2020 18:39

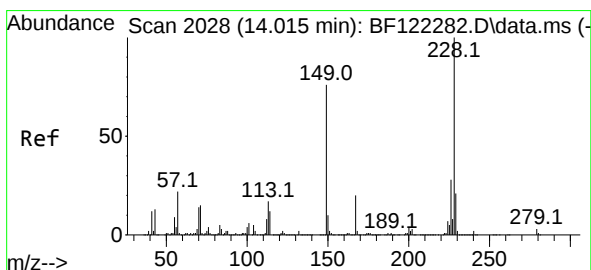
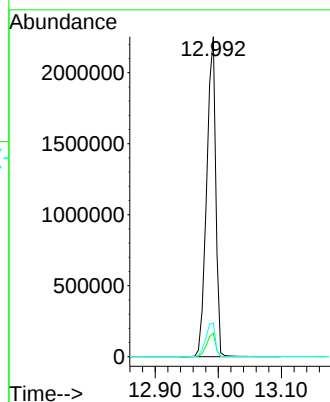
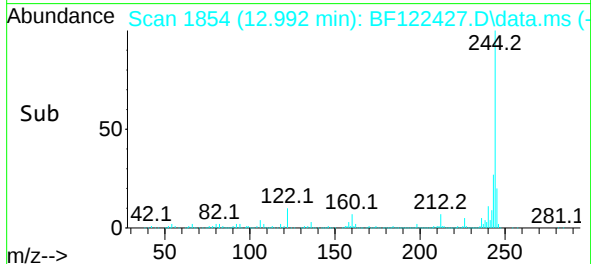
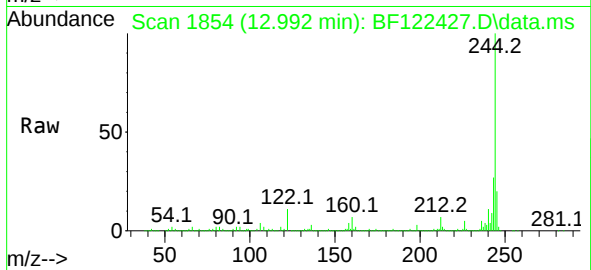
Tgt Ion:244 Resp: 2256431

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 10.5 8.1 12.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.45 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF122427.D

Acq: 21 Nov 2020 18:39

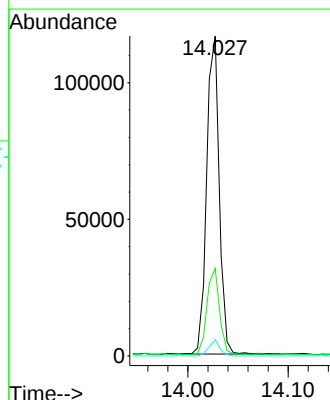
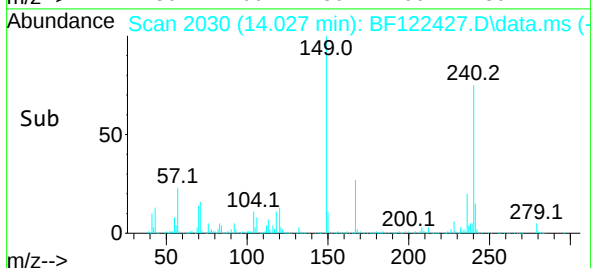
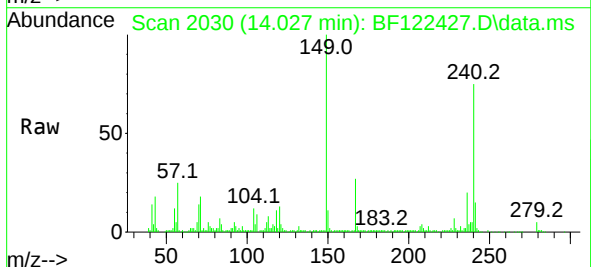
Tgt Ion:149 Resp: 101158

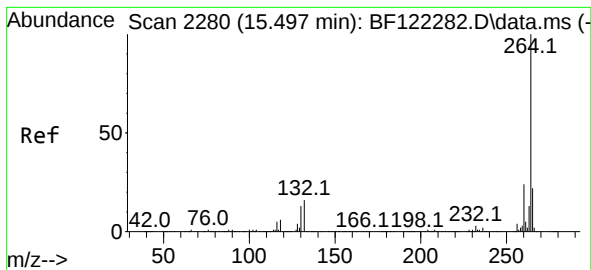
Ion Ratio Lower Upper

149 100

167 27.3 20.9 31.3

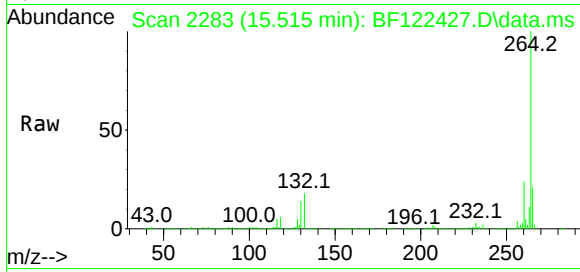
279 5.1 3.2 4.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.018 min
Lab File: BF122427.D
Acq: 21 Nov 2020 18:39

Instrument :
BNA_F
ClientSampleId :
MW-3



Tgt Ion:264 Resp: 598954

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.2	17.3	25.9

