

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132521.D
 Acq On : 23 Feb 2023 15:31
 Operator : CG\JU
 Sample : 01638-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB-15-241

Quant Time: Feb 24 00:37:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

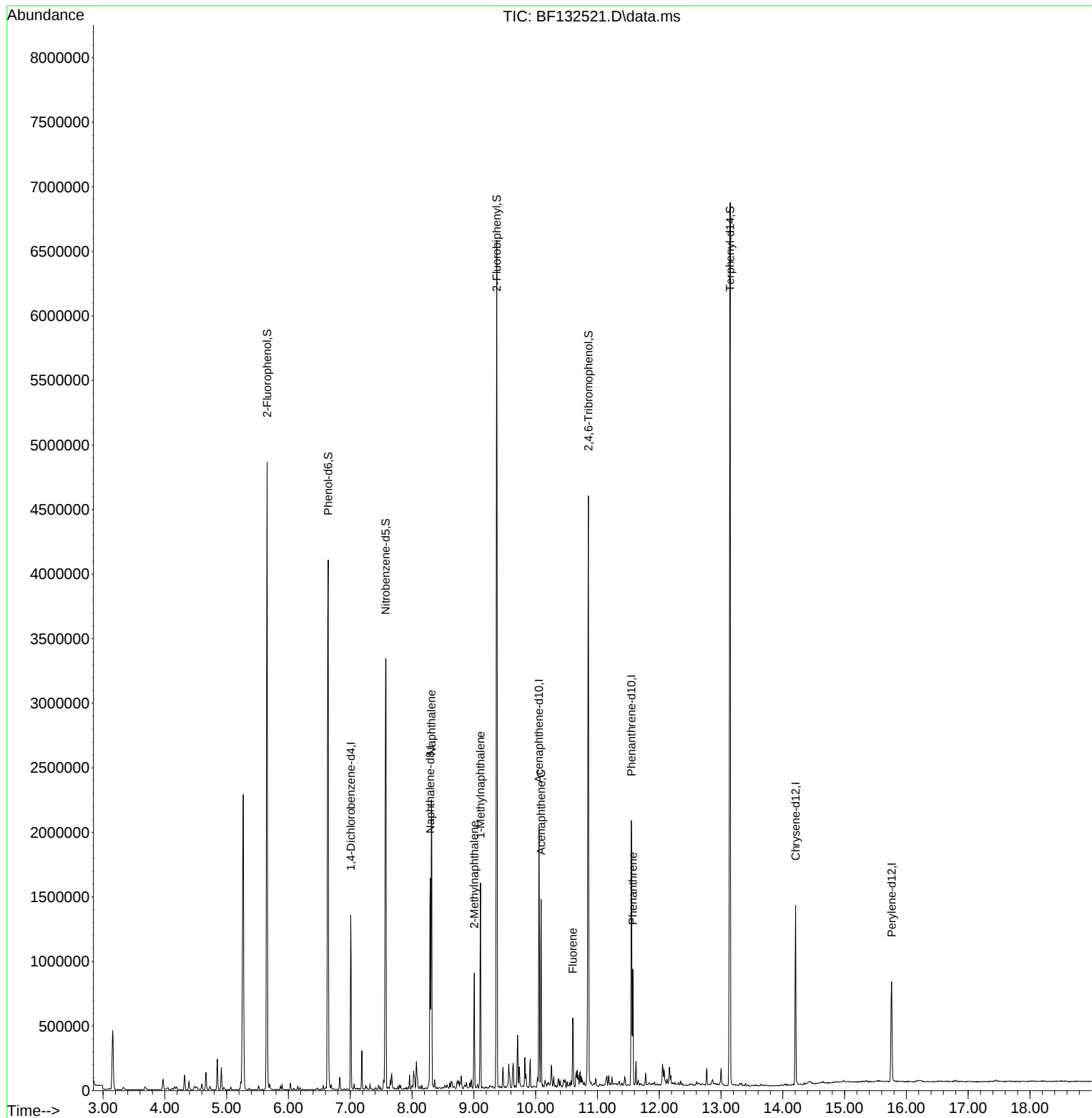
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	186854	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	695125	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	390392	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	763204	20.000	ng	0.00
76) Chrysene-d12	14.207	240	438234	20.000	ng	-0.01
86) Perylene-d12	15.760	264	369458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	1299779	112.896	ng	0.02
7) Phenol-d6	6.643	99	1574617	104.796	ng	0.00
23) Nitrobenzene-d5	7.572	82	1289611	88.020	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	572180	135.714	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	2014038	78.554	ng	0.00
79) Terphenyl-d14	13.148	244	2640741	101.882	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.313	128	941027	26.444	ng	99
37) 2-Methylnaphthalene	9.007	142	208663	8.604	ng	97
38) 1-Methylnaphthalene	9.107	142	358174	15.804	ng	99
52) Acenaphthene	10.089	154	283620	11.980	ng	99
58) Fluorene	10.601	166	139895	5.299	ng	96
71) Phenanthrene	11.572	178	308054	7.791	ng	98

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

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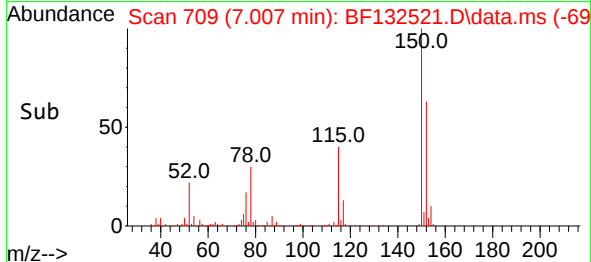
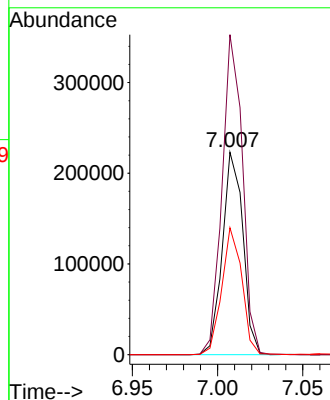
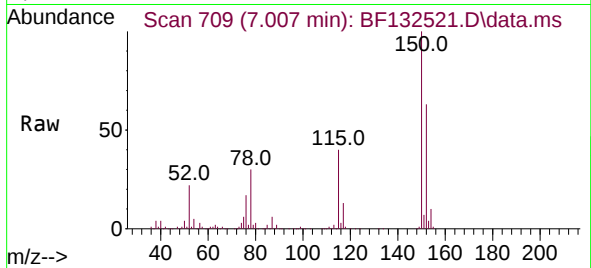




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132521.D
Acq: 23 Feb 2023 15:31

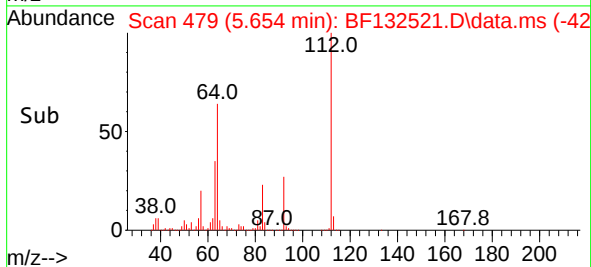
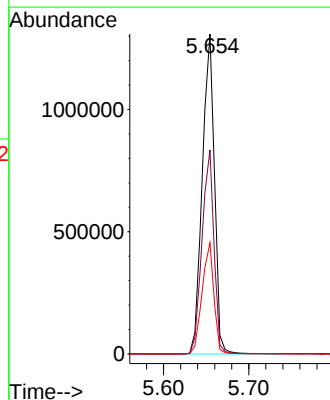
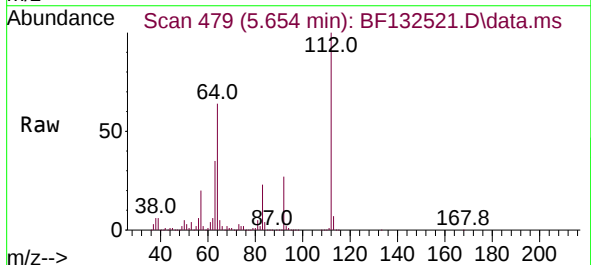
Instrument :
BNA_F
ClientSampleId :
VB-15-241

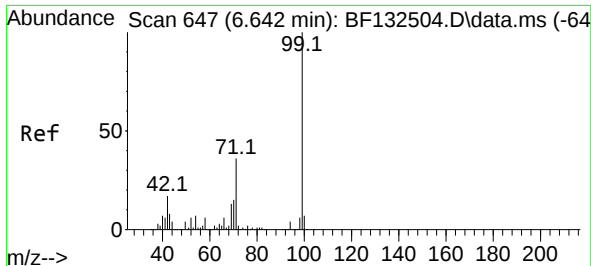
Tgt Ion:152 Resp: 186854
Ion Ratio Lower Upper
152 100
150 158.2 125.4 188.2
115 62.7 47.8 71.6



#5
2-Fluorophenol
Concen: 112.896 ng
RT: 5.654 min Scan# 479
Delta R.T. 0.018 min
Lab File: BF132521.D
Acq: 23 Feb 2023 15:31

Tgt Ion:112 Resp: 1299779
Ion Ratio Lower Upper
112 100
64 63.7 51.6 77.4
63 34.7 27.4 41.2



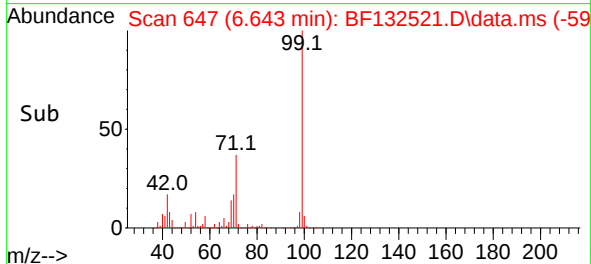
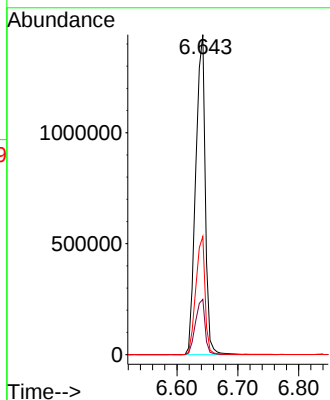
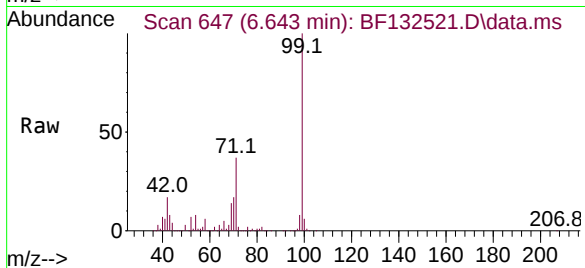


#7
Phenol-d6
Concen: 104.796 ng
RT: 6.643 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF132521.D
Acq: 23 Feb 2023 15:31

Instrument :
BNA_F
ClientSampleId :
VB-15-241

Tgt Ion: 99 Resp: 1574617

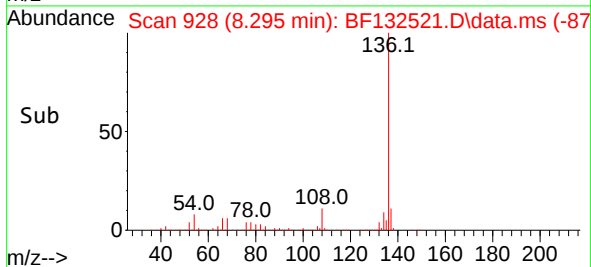
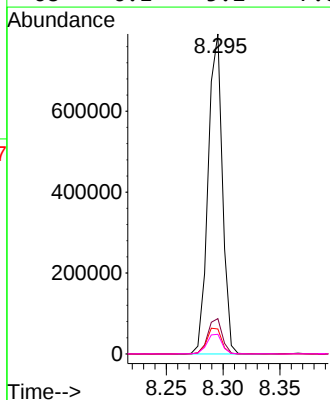
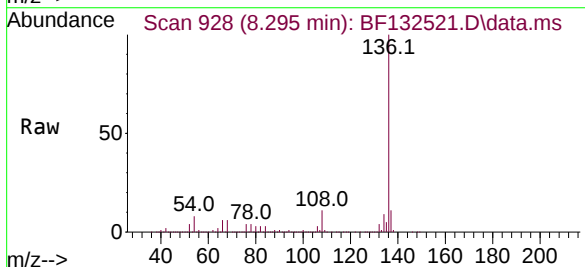
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.9	20.9
71	36.9	28.5	42.7

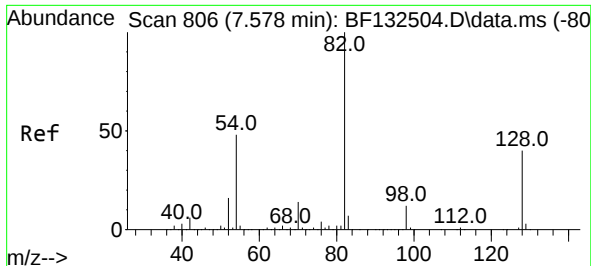


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF132521.D
Acq: 23 Feb 2023 15:31

Tgt Ion:136 Resp: 695125

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.8	6.2	9.4
68	6.1	5.2	7.8

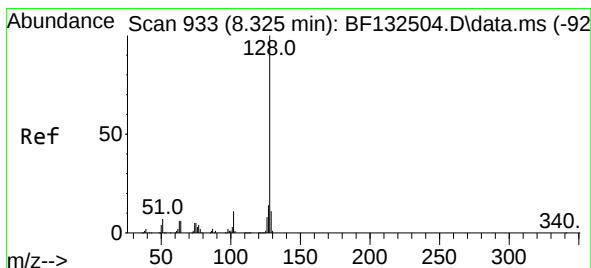
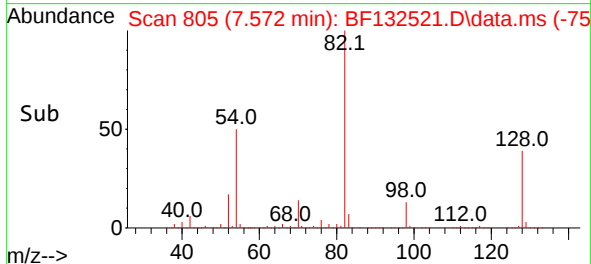
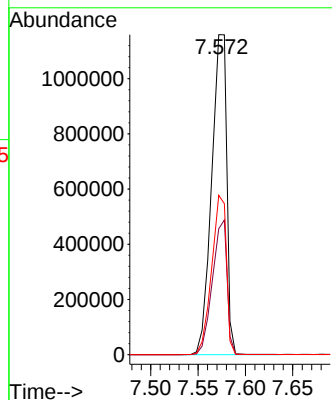
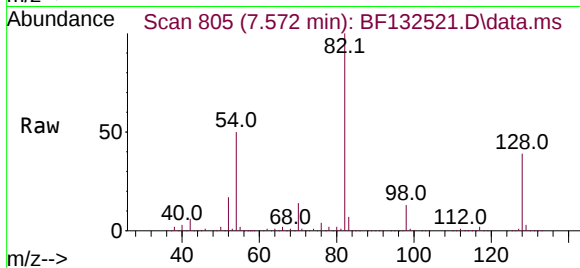




#23
Nitrobenzene-d5
Concen: 88.020 ng
RT: 7.572 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF132521.D
Acq: 23 Feb 2023 15:31

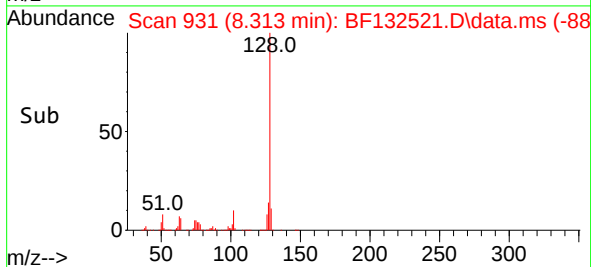
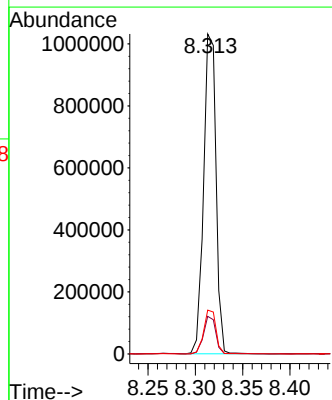
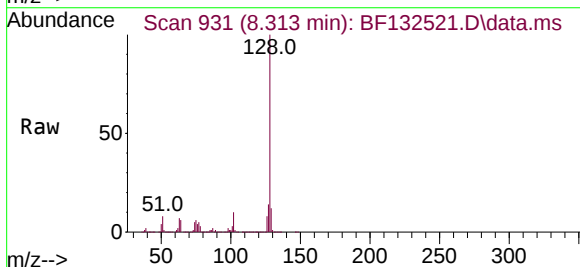
Instrument :
BNA_F
ClientSampleId :
VB-15-241

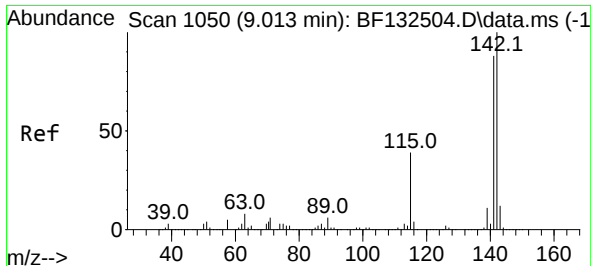
Tgt Ion: 82 Resp: 1289611
Ion Ratio Lower Upper
82 100
128 39.3 32.2 48.2
54 49.8 38.4 57.6



#31
Naphthalene
Concen: 26.444 ng
RT: 8.313 min Scan# 931
Delta R.T. -0.012 min
Lab File: BF132521.D
Acq: 23 Feb 2023 15:31

Tgt Ion:128 Resp: 941027
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.7 11.0 16.6

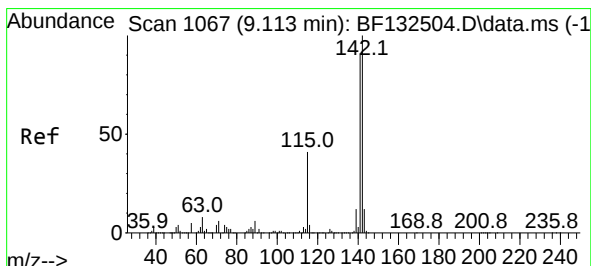
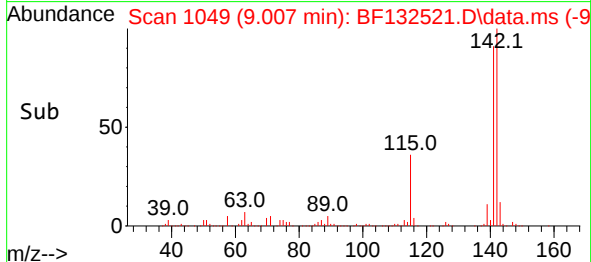
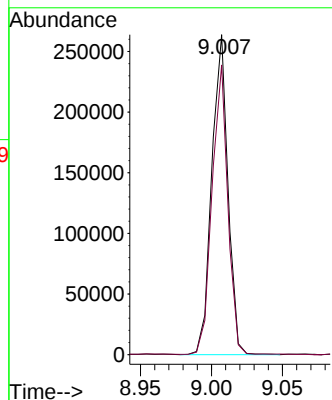
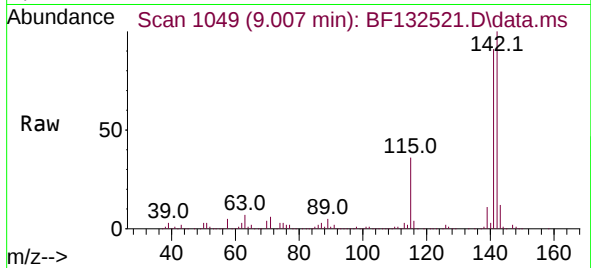




#37
2-Methylnaphthalene
Concen: 8.604 ng
RT: 9.007 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF132521.D
Acq: 23 Feb 2023 15:31

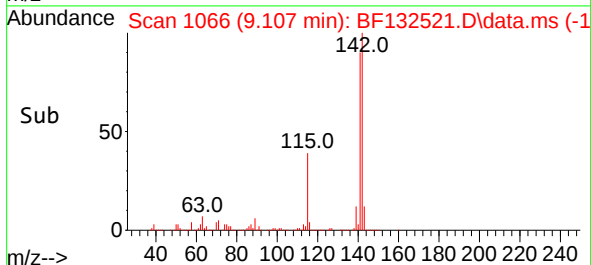
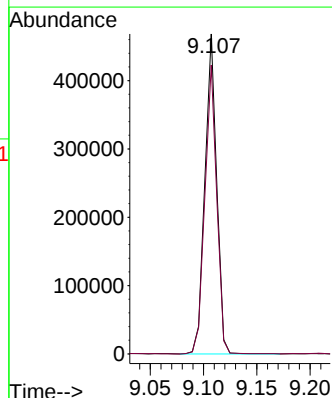
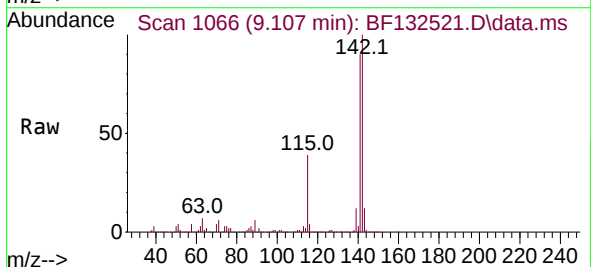
Instrument :
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ClientSampleId :
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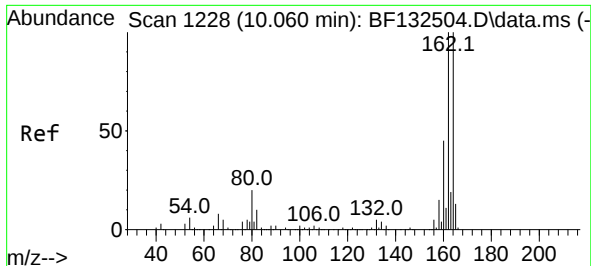
Tgt Ion:142 Resp: 208663
Ion Ratio Lower Upper
142 100
141 90.5 70.2 105.2



#38
1-Methylnaphthalene
Concen: 15.804 ng
RT: 9.107 min Scan# 1066
Delta R.T. -0.006 min
Lab File: BF132521.D
Acq: 23 Feb 2023 15:31

Tgt Ion:142 Resp: 358174
Ion Ratio Lower Upper
142 100
141 90.3 73.0 109.6

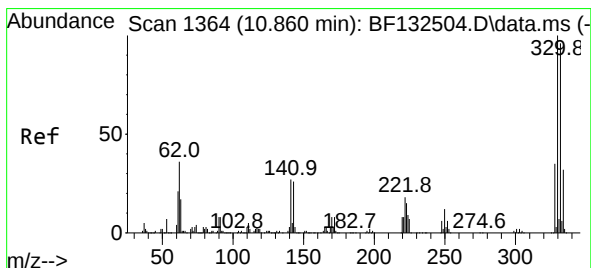
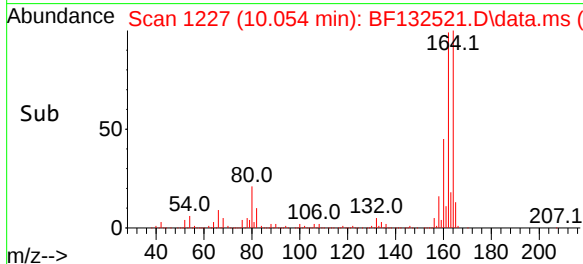
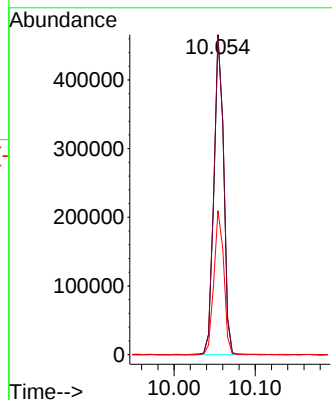
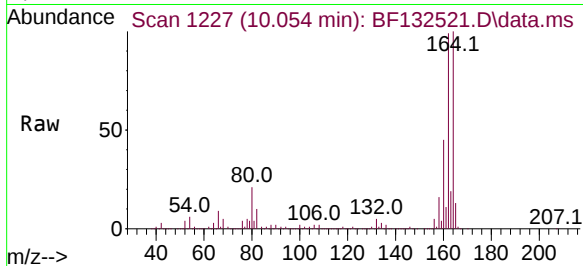




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.054 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132521.D
Acq: 23 Feb 2023 15:31

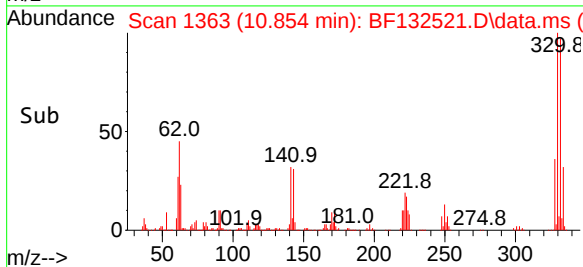
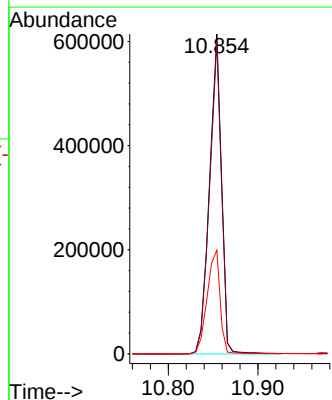
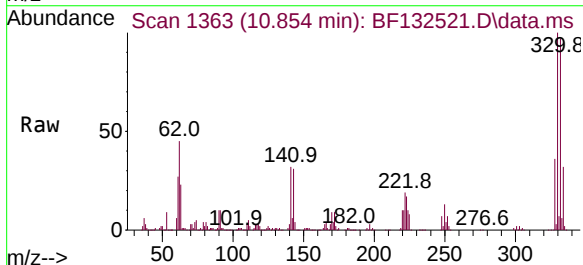
Instrument :
BNA_F
ClientSampleId :
VB-15-241

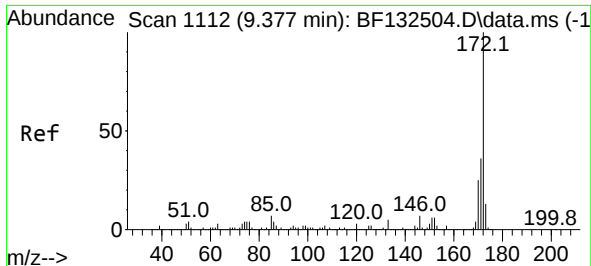
Tgt Ion:164 Resp: 390392
Ion Ratio Lower Upper
164 100
162 99.4 79.8 119.8
160 45.0 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 135.714 ng
RT: 10.854 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF132521.D
Acq: 23 Feb 2023 15:31

Tgt Ion:330 Resp: 572180
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 34.9 28.4 42.6

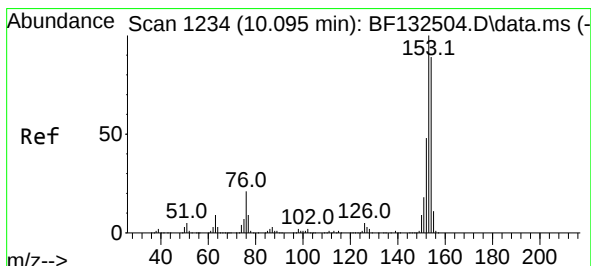
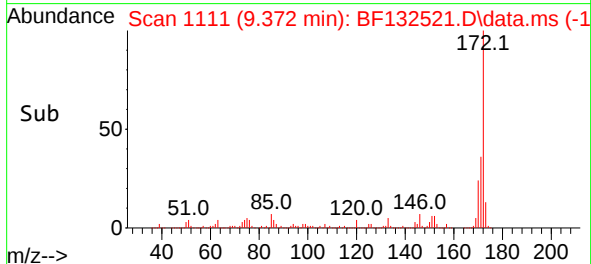
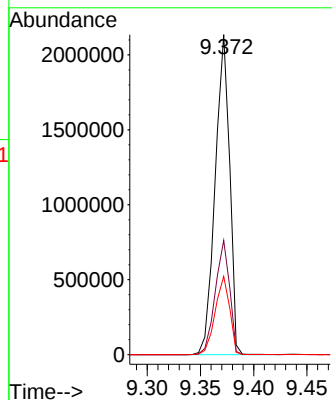
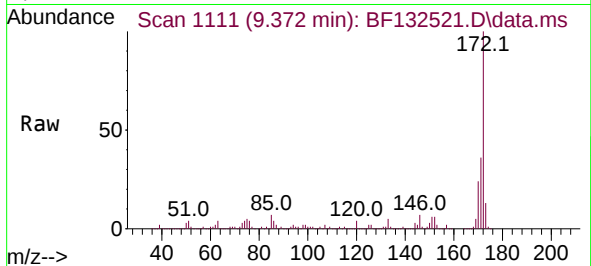




#45
2-Fluorobiphenyl
Concen: 78.554 ng
RT: 9.372 min Scan# 1112
Delta R.T. -0.005 min
Lab File: BF132521.D
Acq: 23 Feb 2023 15:31

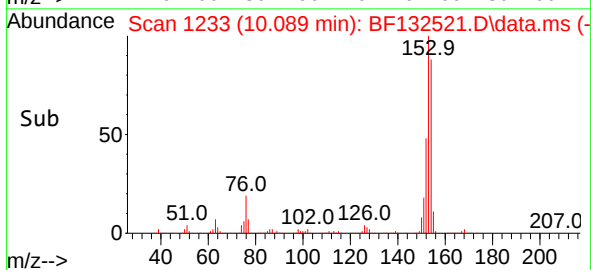
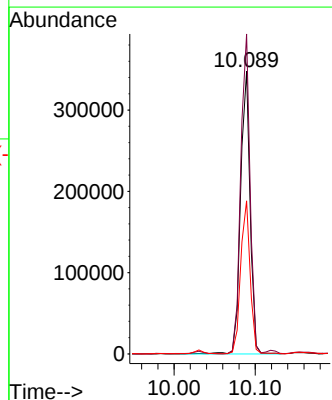
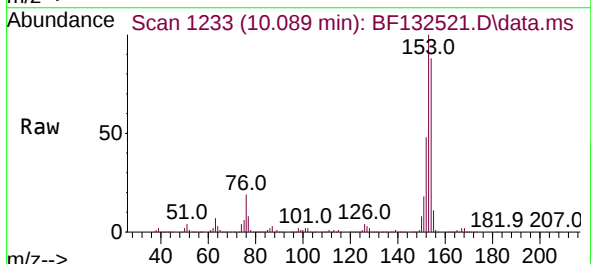
Instrument :
BNA_F
ClientSampleId :
VB-15-241

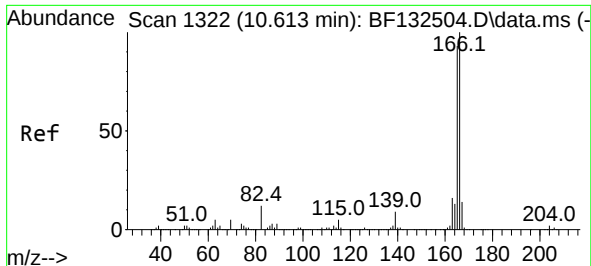
Tgt Ion:172 Resp: 2014038
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.4 19.7 29.5



#52
Acenaphthene
Concen: 11.980 ng
RT: 10.089 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF132521.D
Acq: 23 Feb 2023 15:31

Tgt Ion:154 Resp: 283620
Ion Ratio Lower Upper
154 100
153 113.3 89.8 134.8
152 54.2 43.3 64.9

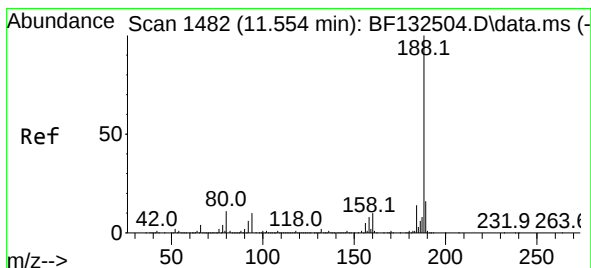
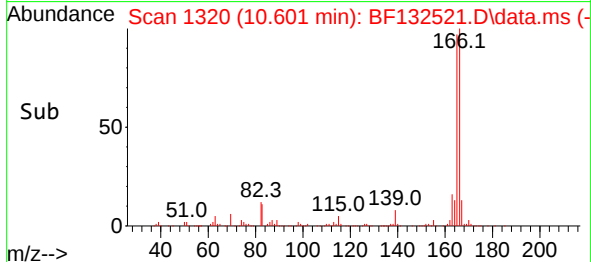
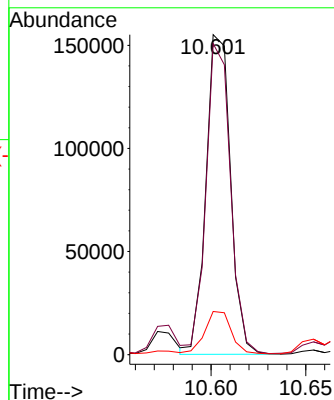
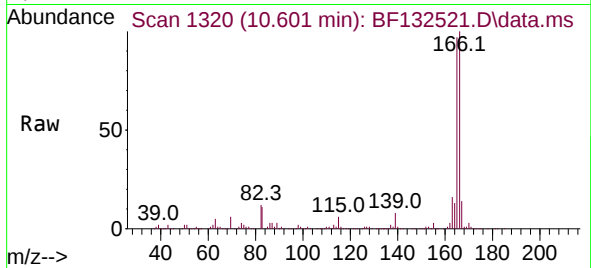




#58
Fluorene
Concen: 5.299 ng
RT: 10.601 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF132521.D
Acq: 23 Feb 2023 15:31

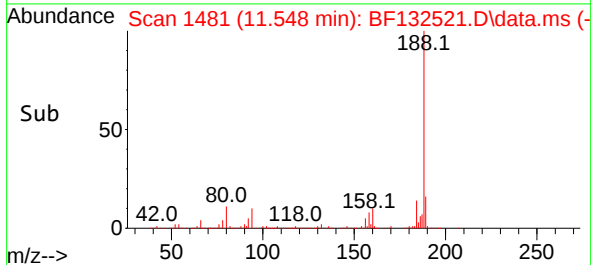
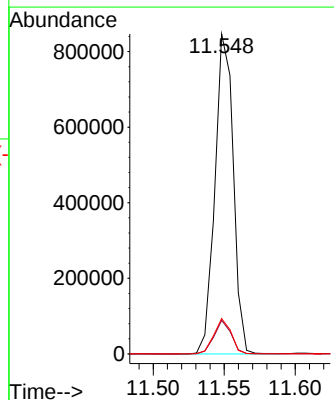
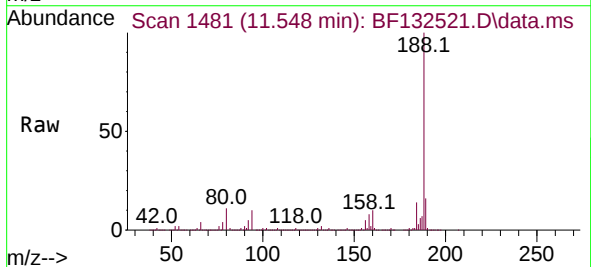
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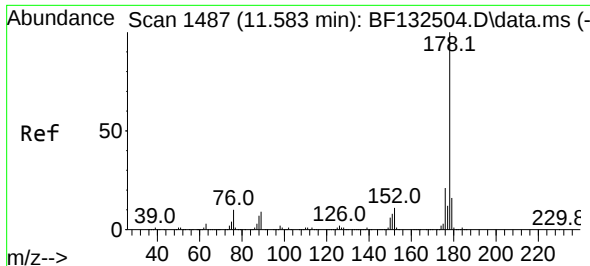
Tgt Ion:166 Resp: 139895
Ion Ratio Lower Upper
166 100
165 97.2 74.2 111.4
167 13.5 11.1 16.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.548 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF132521.D
Acq: 23 Feb 2023 15:31

Tgt Ion:188 Resp: 763204
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.0 8.7 13.1

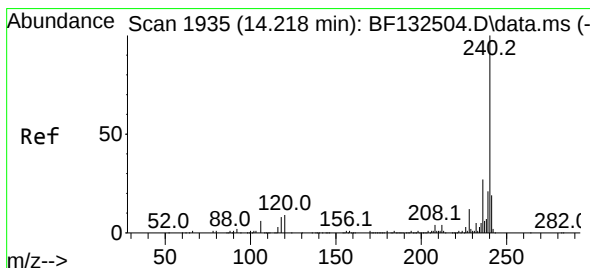
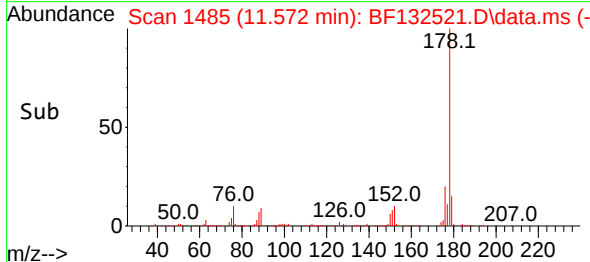
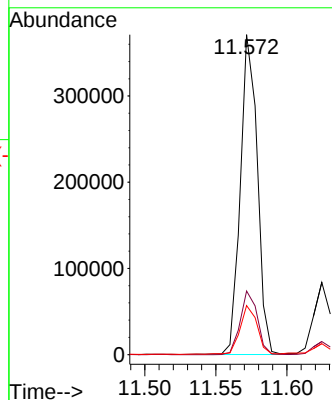
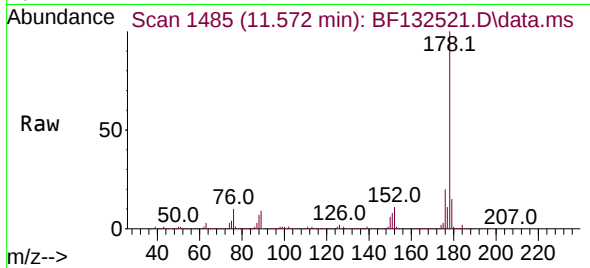




#71
Phenanthrene
Concen: 7.791 ng
RT: 11.572 min Scan# 1485
Delta R.T. -0.012 min
Lab File: BF132521.D
Acq: 23 Feb 2023 15:31

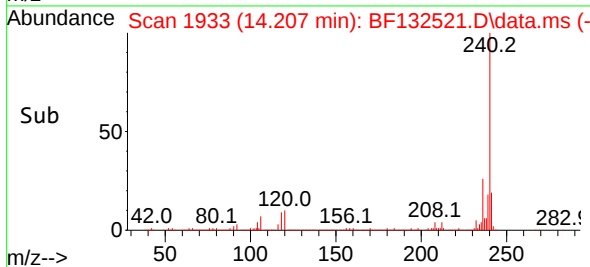
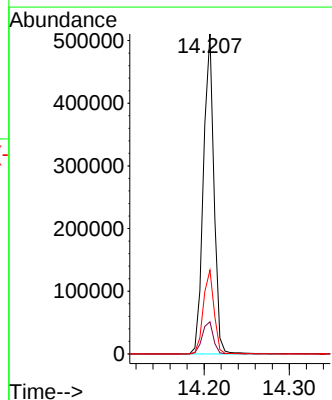
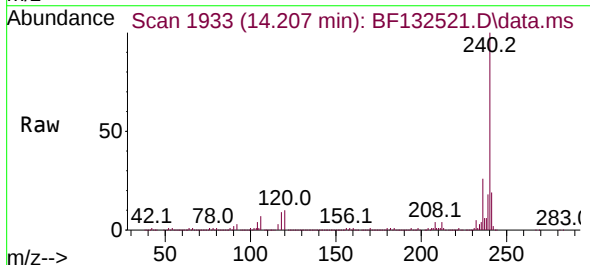
Instrument :
BNA_F
ClientSampleId :
VB-15-241

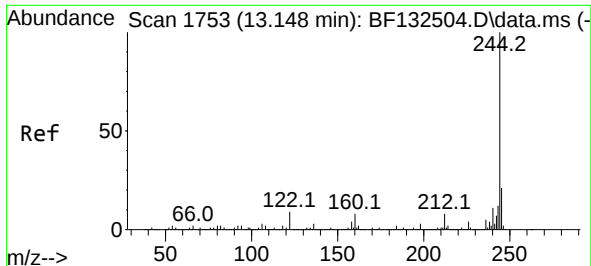
Tgt Ion:178 Resp: 308054
Ion Ratio Lower Upper
178 100
176 19.9 16.5 24.7
179 15.3 13.0 19.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.207 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BF132521.D
Acq: 23 Feb 2023 15:31

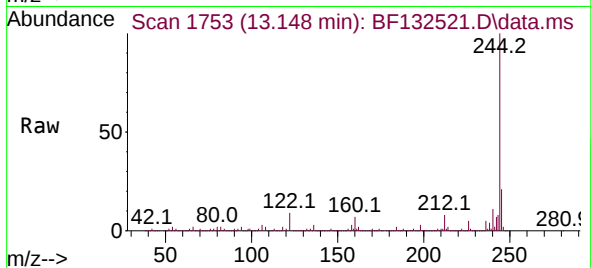
Tgt Ion:240 Resp: 438234
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 26.2 21.8 32.6



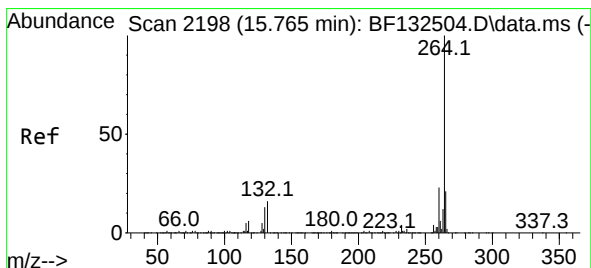
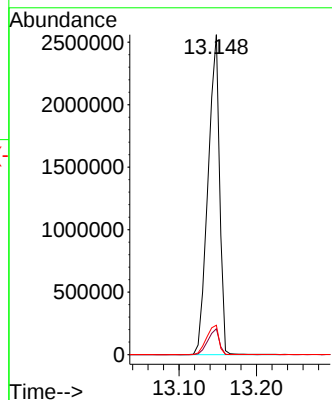
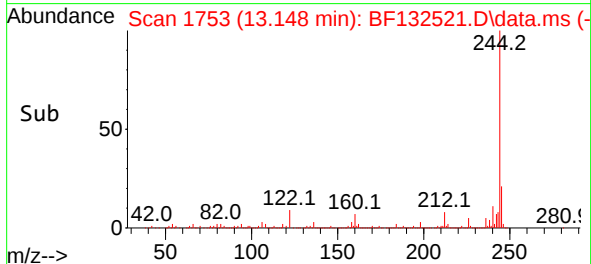


#79
 Terphenyl-d14
 Concen: 101.882 ng
 RT: 13.148 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132521.D
 Acq: 23 Feb 2023 15:31

Instrument :
 BNA_F
 ClientSampleId :
 VB-15-241



Tgt Ion:244 Resp: 2640741
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 9.2 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.760 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF132521.D
 Acq: 23 Feb 2023 15:31

Tgt Ion:264 Resp: 369458
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.6 17.1 25.7

