

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135717.D
 Acq On : 11 Oct 2023 17:13
 Operator : CG\JU
 Sample : 04812-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

Quant Time: Oct 12 00:49:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

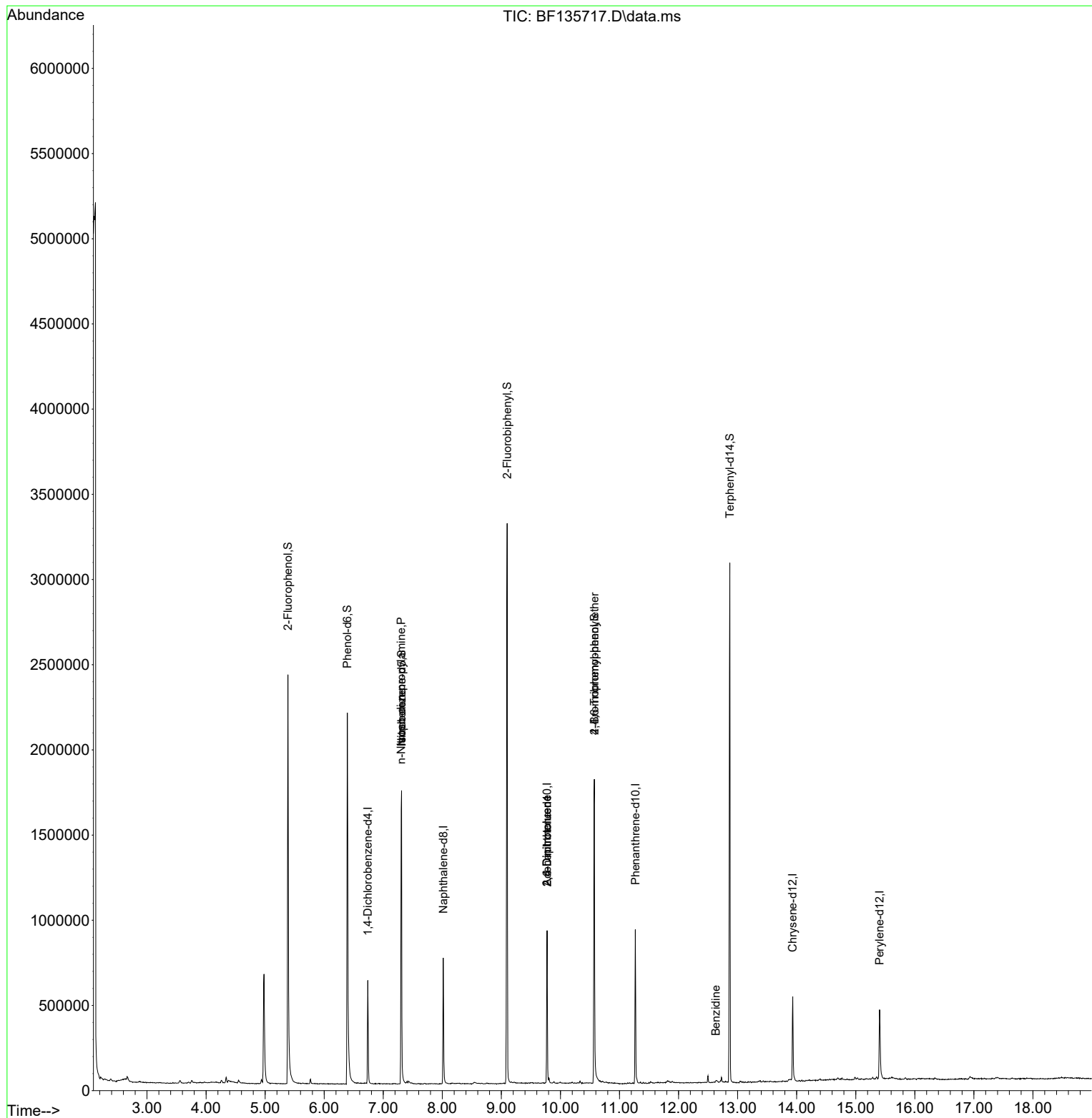
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	83119	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	321908	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	179378	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	320560	20.000	ng	0.00
76) Chrysene-d12	13.933	240	176502	20.000	ng	0.00
86) Perylene-d12	15.404	264	207717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	684762	133.992	ng	0.02
7) Phenol-d6	6.392	99	789767	121.535	ng	0.00
23) Nitrobenzene-d5	7.310	82	576953	97.374	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	245044	137.466	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1094484	92.055	ng	0.00
79) Terphenyl-d14	12.868	244	1082061	95.036	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	78074	19.397	ng	Qvalue 79
25) Isophorone	7.310	82	576953	53.028	ng	# 65
51) 2,6-Dinitrotoluene	9.775	165	23294	8.768	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	23294	7.003	ng	# 18
67) 4-Bromophenyl-phenylether	10.575	248	14930	4.683	ng	# 1
77) Benzidine	12.633	184	8385	2.319	ng	96

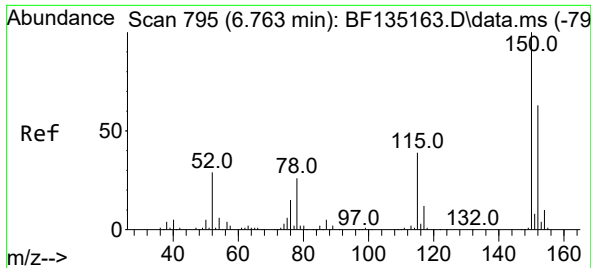
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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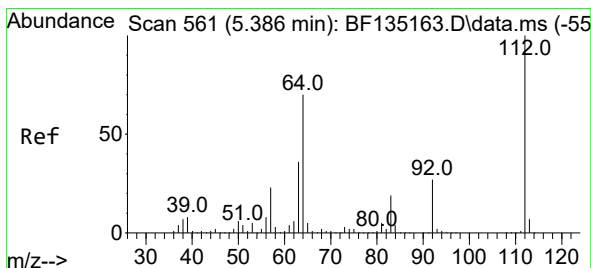
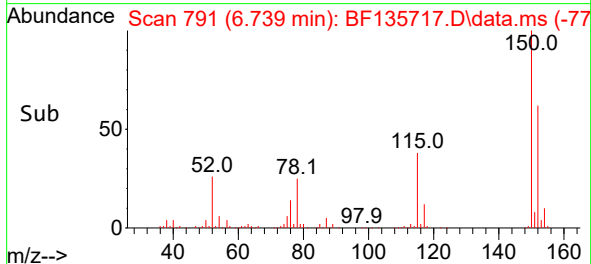
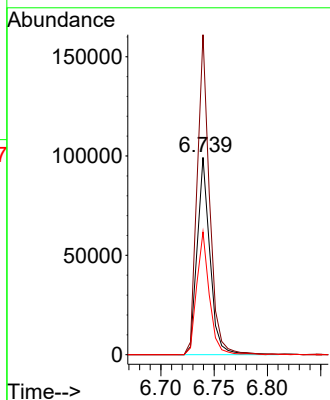
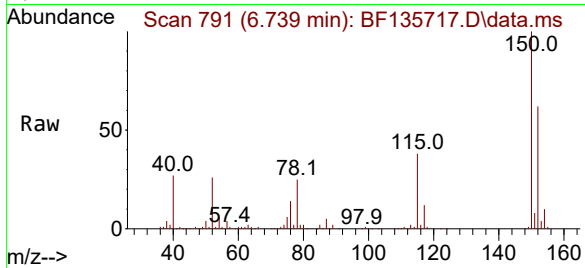




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135717.D
Acq: 11 Oct 2023 17:13

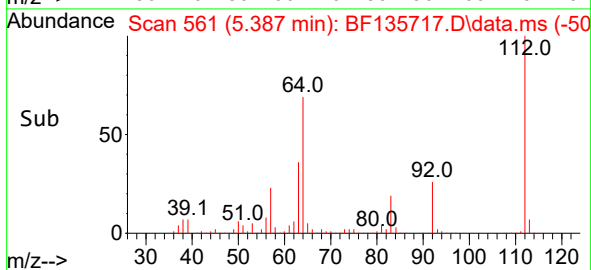
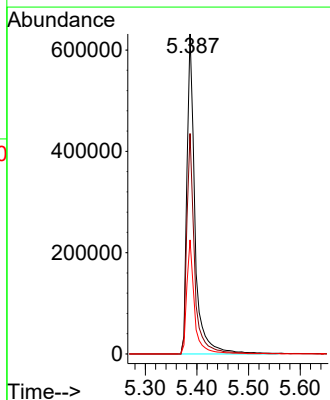
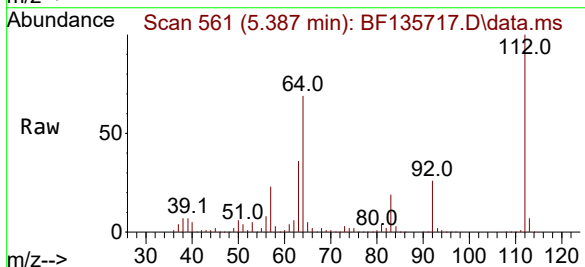
Instrument :
BNA_F
ClientSampleId :
VNJ-223

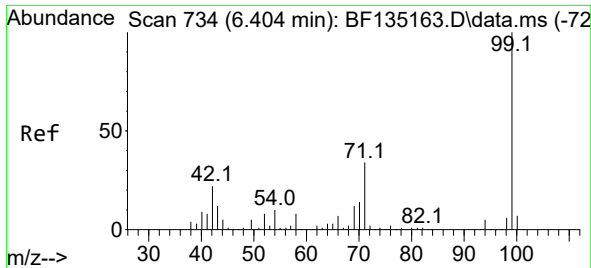
Tgt Ion:152 Resp: 83119
Ion Ratio Lower Upper
152 100
150 162.2 127.8 191.6
115 62.2 49.8 74.8



#5
2-Fluorophenol
Concen: 133.992 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135717.D
Acq: 11 Oct 2023 17:13

Tgt Ion:112 Resp: 684762
Ion Ratio Lower Upper
112 100
64 68.9 55.9 83.9
63 35.7 29.0 43.6

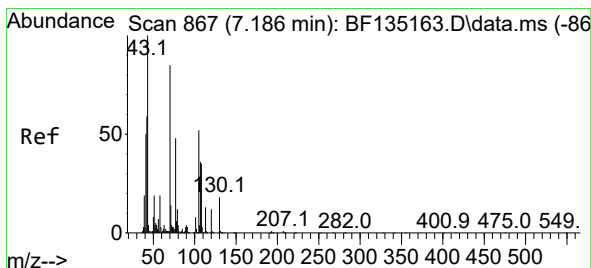
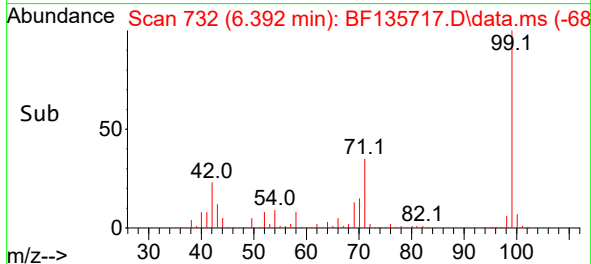
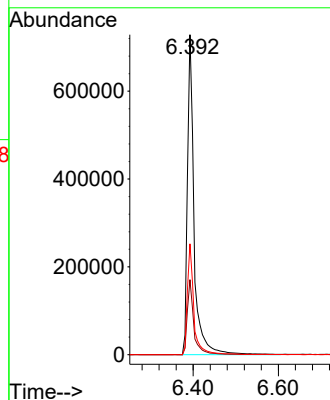
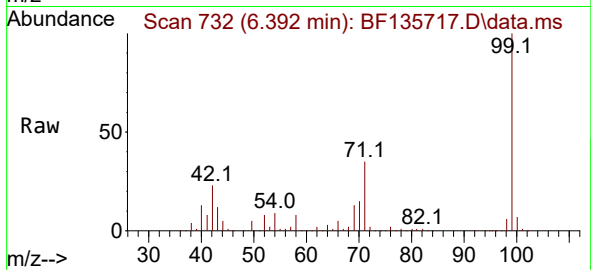




#7
Phenol-d6
Concen: 121.535 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135717.D
Acq: 11 Oct 2023 17:13

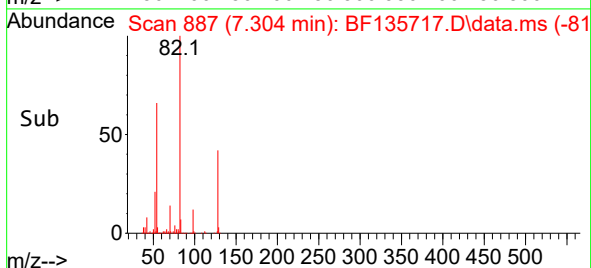
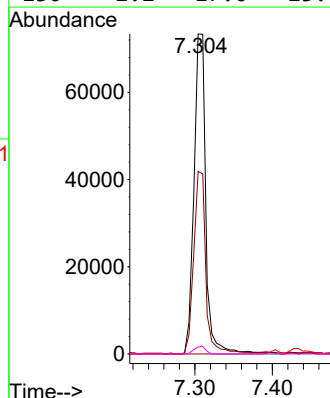
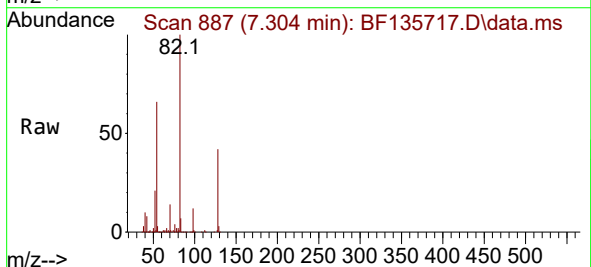
Instrument :
BNA_F
ClientSampleId :
VNJ-223

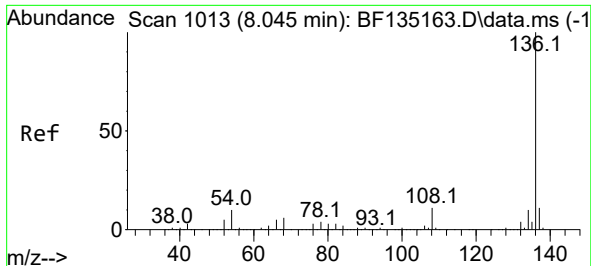
Tgt Ion: 99 Resp: 789767
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 34.6 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.397 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135717.D
Acq: 11 Oct 2023 17:13

Tgt Ion: 70 Resp: 78074
Ion Ratio Lower Upper
70 100
42 57.0 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#

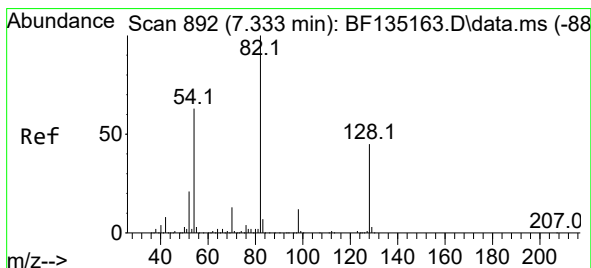
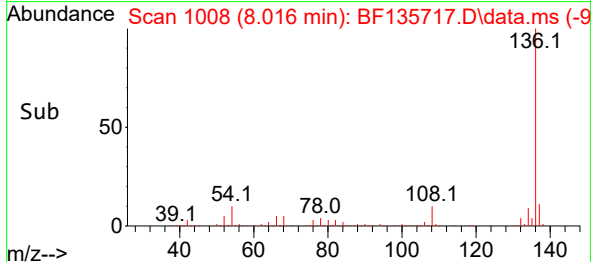
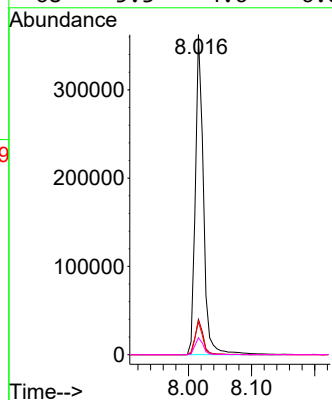
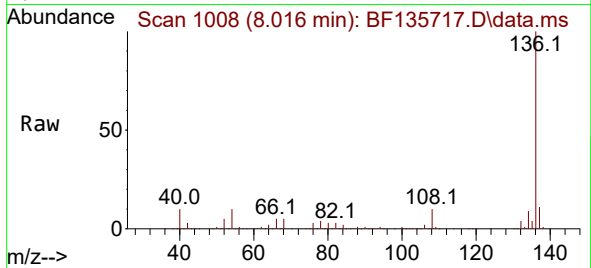




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135717.D
Acq: 11 Oct 2023 17:13

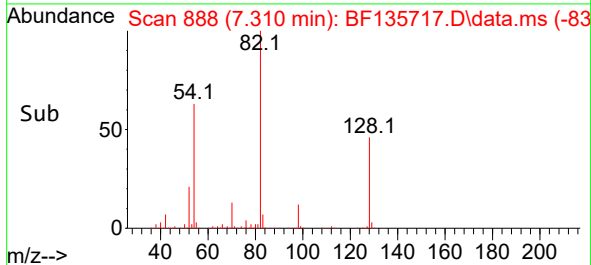
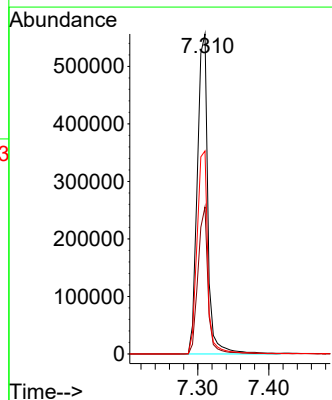
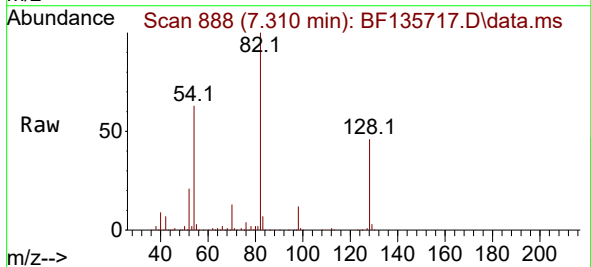
Instrument :
BNA_F
ClientSampleId :
VNJ-223

Tgt Ion:136 Resp: 321908
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.3 7.7 11.5
68 5.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 97.374 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF135717.D
Acq: 11 Oct 2023 17:13

Tgt Ion: 82 Resp: 576953
Ion Ratio Lower Upper
82 100
128 45.9 35.8 53.6
54 63.4 50.6 76.0

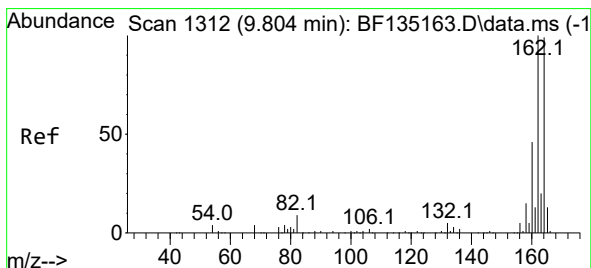
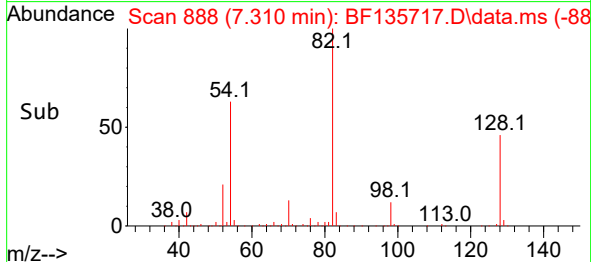
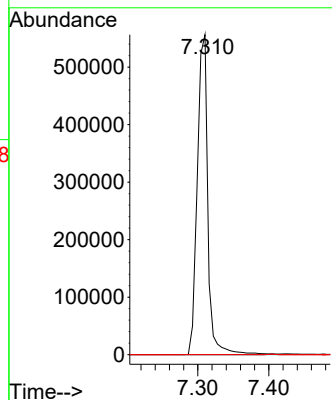
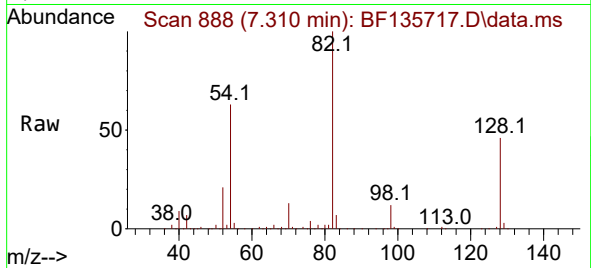




#25
Isophorone
Concen: 53.028 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF135717.D
Acq: 11 Oct 2023 17:13

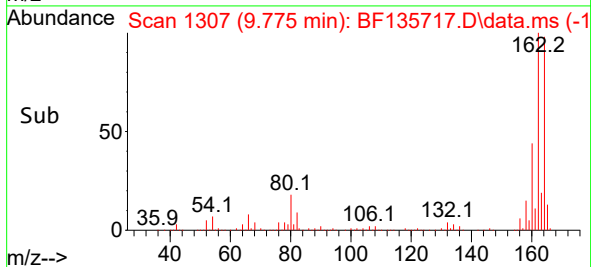
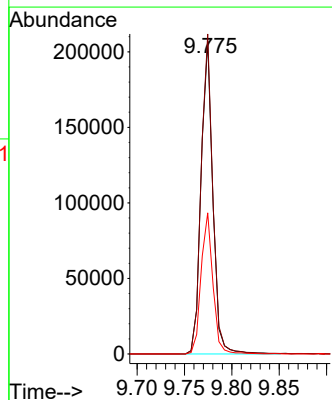
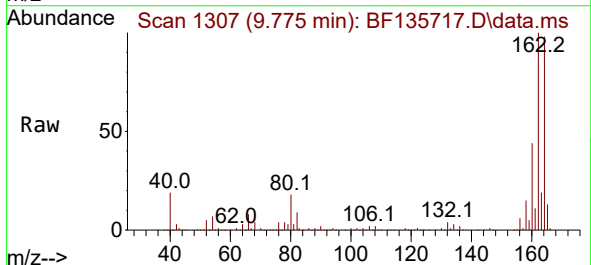
Instrument :
BNA_F
ClientSampleId :
VNJ-223

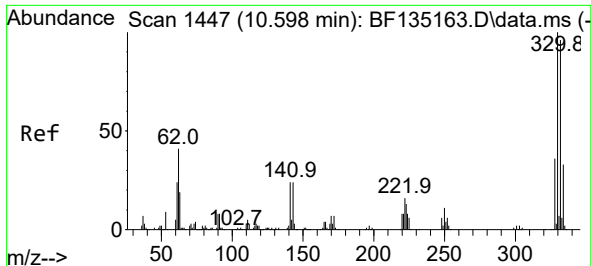
Tgt Ion: 82 Resp: 576953
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135717.D
Acq: 11 Oct 2023 17:13

Tgt Ion: 164 Resp: 179378
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.4
160 45.1 37.0 55.4

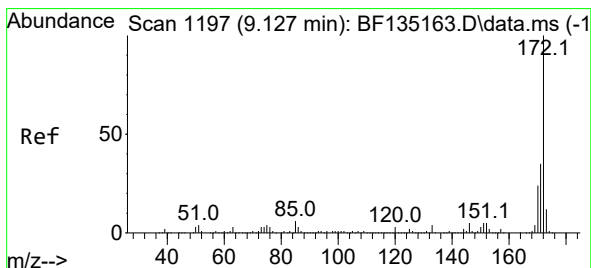
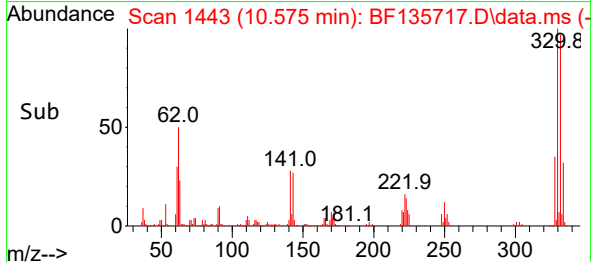
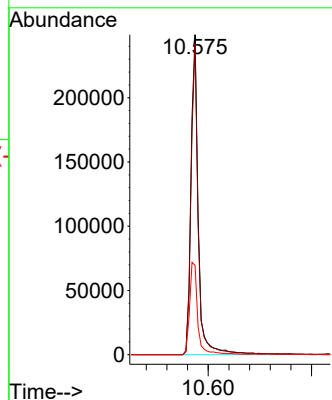
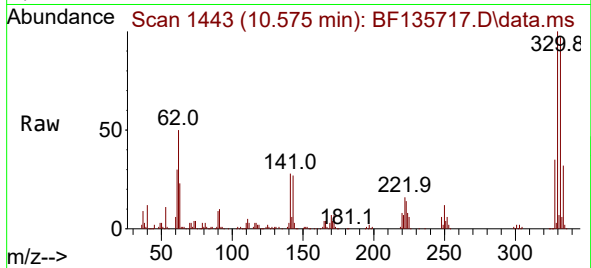




#42
2,4,6-Tribromophenol
Concen: 137.466 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF135717.D
Acq: 11 Oct 2023 17:13

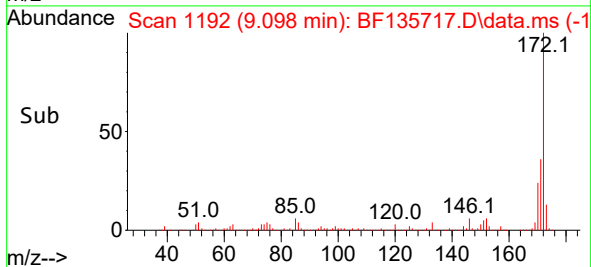
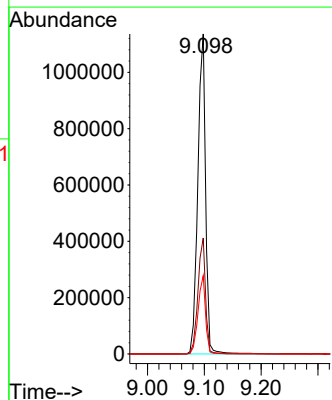
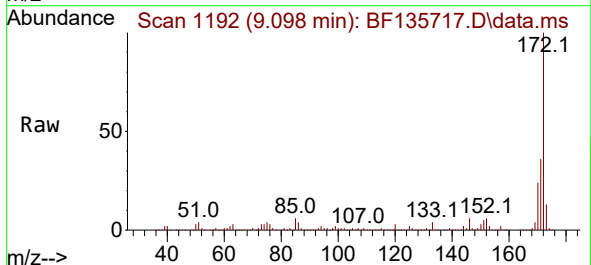
Instrument :
BNA_F
ClientSampleId :
VNJ-223

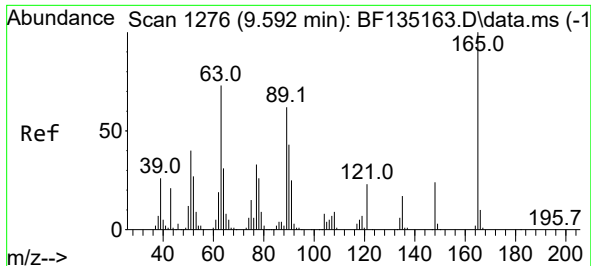
Tgt Ion:330 Resp: 245044
Ion Ratio Lower Upper
330 100
332 94.3 77.3 115.9
141 32.3 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 92.055 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF135717.D
Acq: 11 Oct 2023 17:13

Tgt Ion:172 Resp: 1094484
Ion Ratio Lower Upper
172 100
171 36.2 28.4 42.6
170 24.4 19.0 28.4

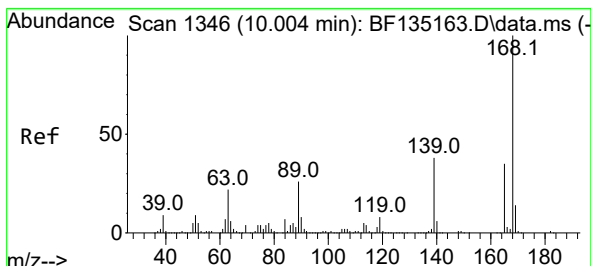
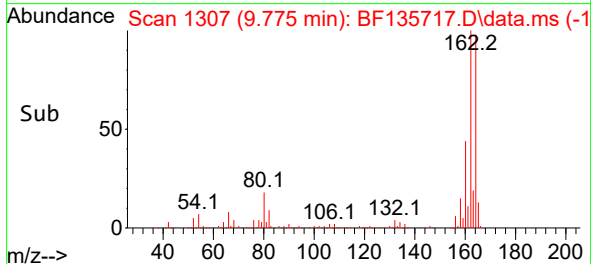
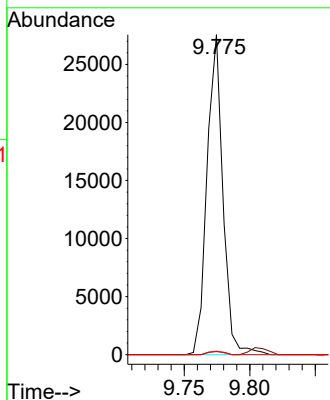
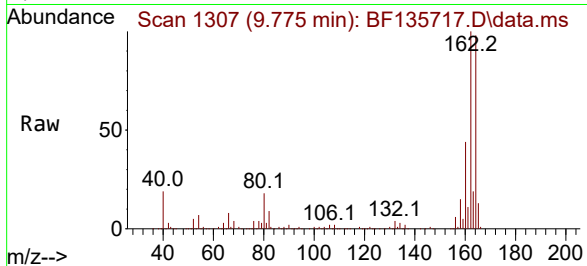




#51
2,6-Dinitrotoluene
Concen: 8.768 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135717.D
Acq: 11 Oct 2023 17:13

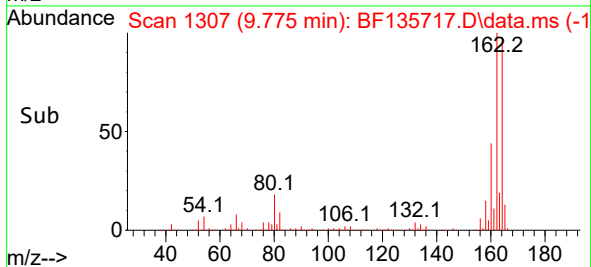
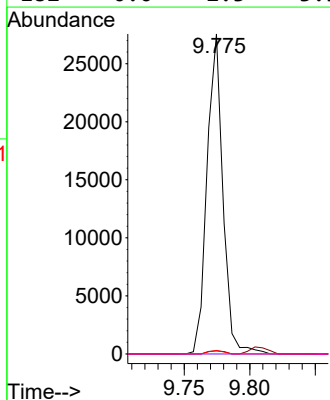
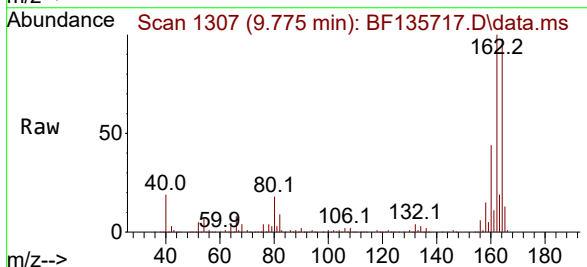
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VNJ-223

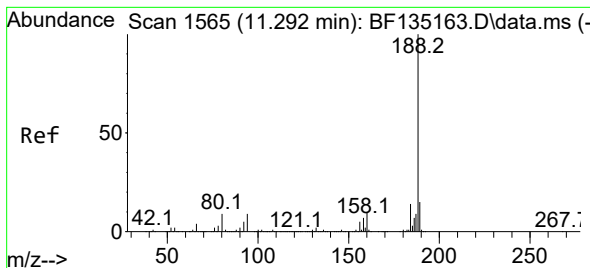
Tgt Ion:165 Resp: 23294
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 1.1 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 7.003 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.218 min
Lab File: BF135717.D
Acq: 11 Oct 2023 17:13

Tgt Ion:165 Resp: 23294
Ion Ratio Lower Upper
165 100
63 1.0 50.1 75.1#
89 1.1 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135717.D

Acq: 11 Oct 2023 17:13

Instrument :

BNA_F

ClientSampleId :

VNJ-223

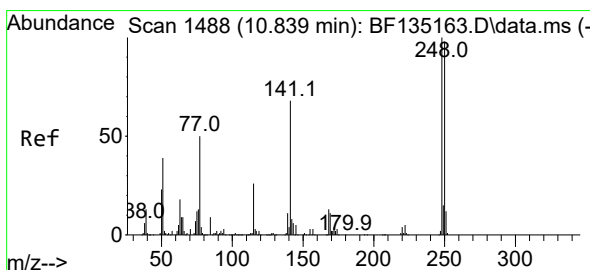
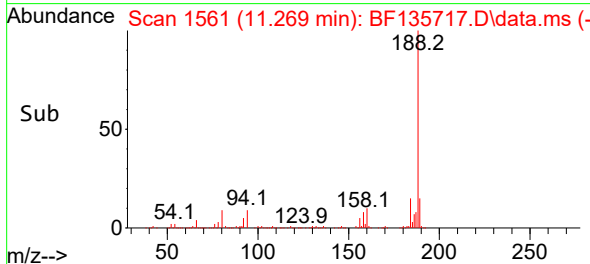
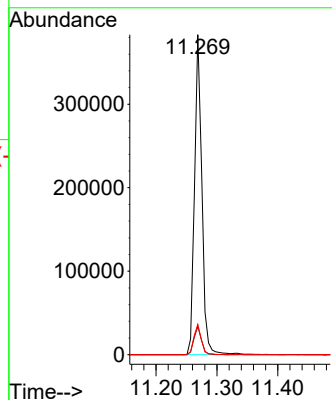
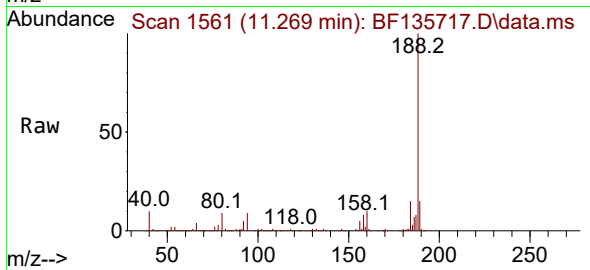
Tgt Ion:188 Resp: 320560

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 9.5 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.683 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.241 min

Lab File: BF135717.D

Acq: 11 Oct 2023 17:13

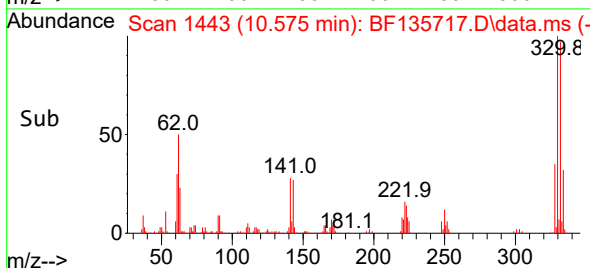
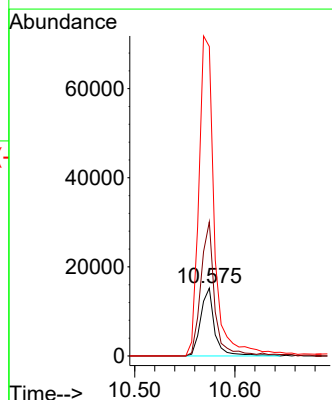
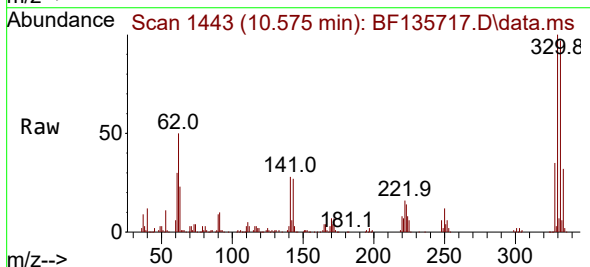
Tgt Ion:248 Resp: 14930

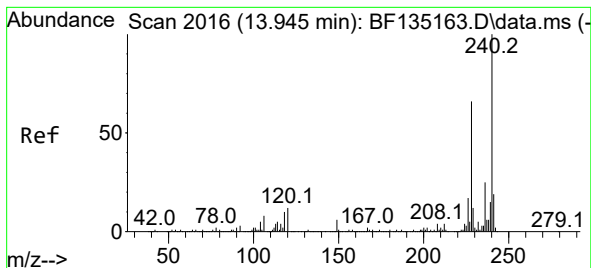
Ion Ratio Lower Upper

248 100

250 197.4 78.6 117.8#

141 455.7 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135717.D

Acq: 11 Oct 2023 17:13

Instrument :

BNA_F

ClientSampleId :

VNJ-223

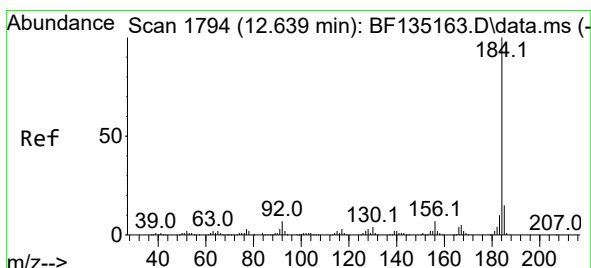
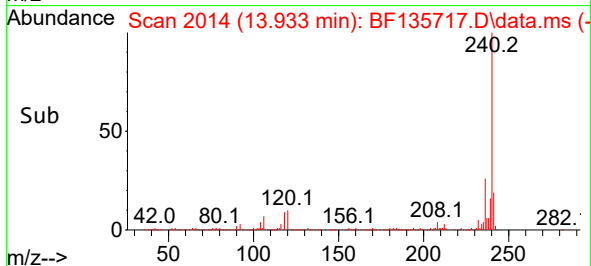
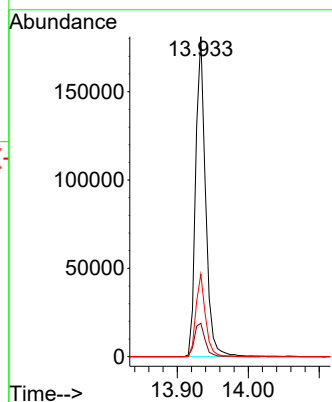
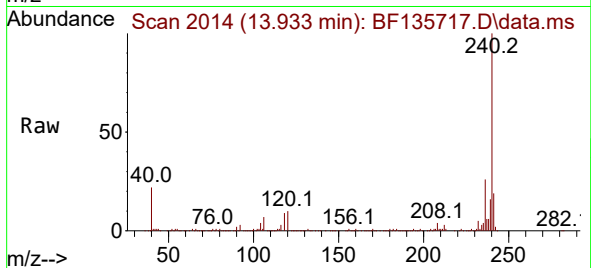
Tgt Ion:240 Resp: 176502

Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

236 25.8 19.8 29.8



#77

Benzidine

Concen: 2.319 ng

RT: 12.633 min Scan# 1793

Delta R.T. 0.006 min

Lab File: BF135717.D

Acq: 11 Oct 2023 17:13

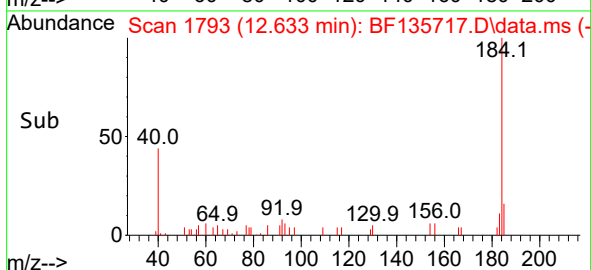
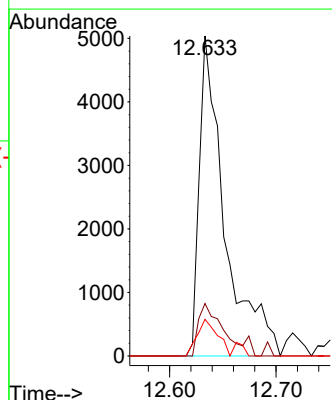
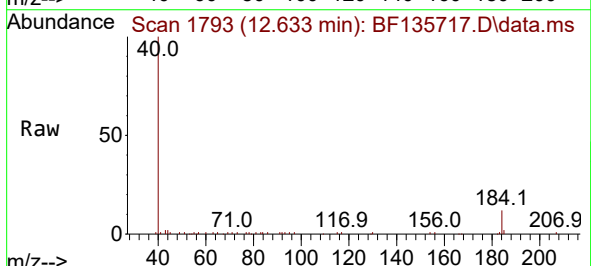
Tgt Ion:184 Resp: 8385

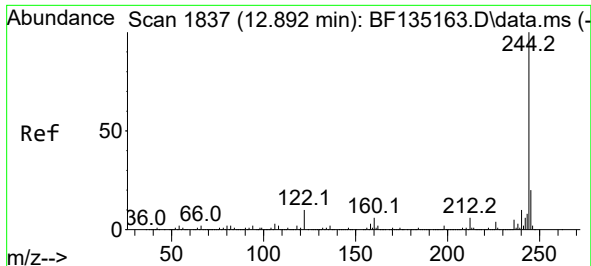
Ion Ratio Lower Upper

184 100

185 16.4 11.7 17.5

183 11.5 8.2 12.4

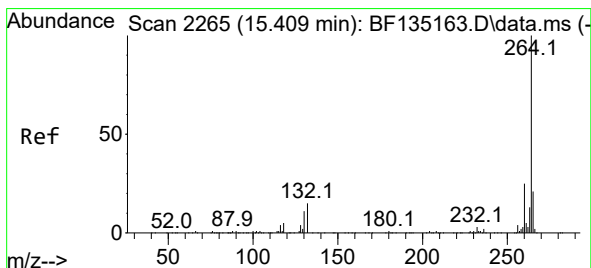
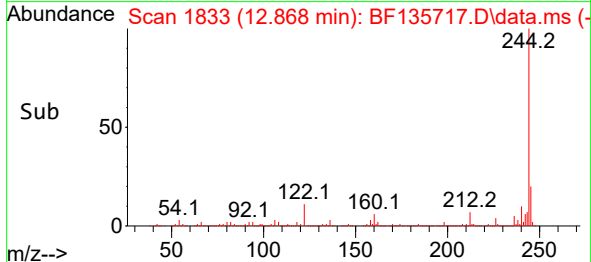
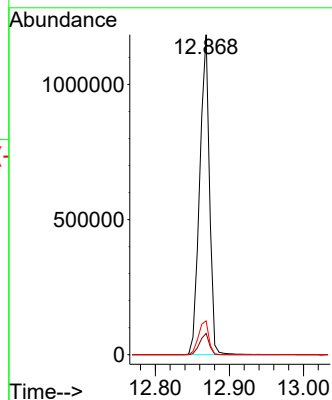
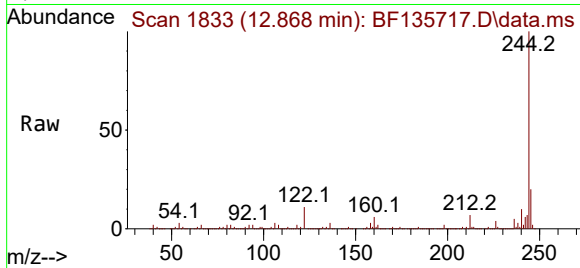




#79
 Terphenyl-d14
 Concen: 95.036 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: BF135717.D
 Acq: 11 Oct 2023 17:13

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

Tgt Ion:244 Resp: 1082061
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 10.5 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.000 min
 Lab File: BF135717.D
 Acq: 11 Oct 2023 17:13

Tgt Ion:264 Resp: 207717
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.8 29.6
 265 21.0 17.0 25.4

