

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
 Data File : BF135539.D
 Acq On : 02 Oct 2023 21:26
 Operator : CG\JU
 Sample : 04651-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP1-COMP

Quant Time: Oct 03 02:58:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

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

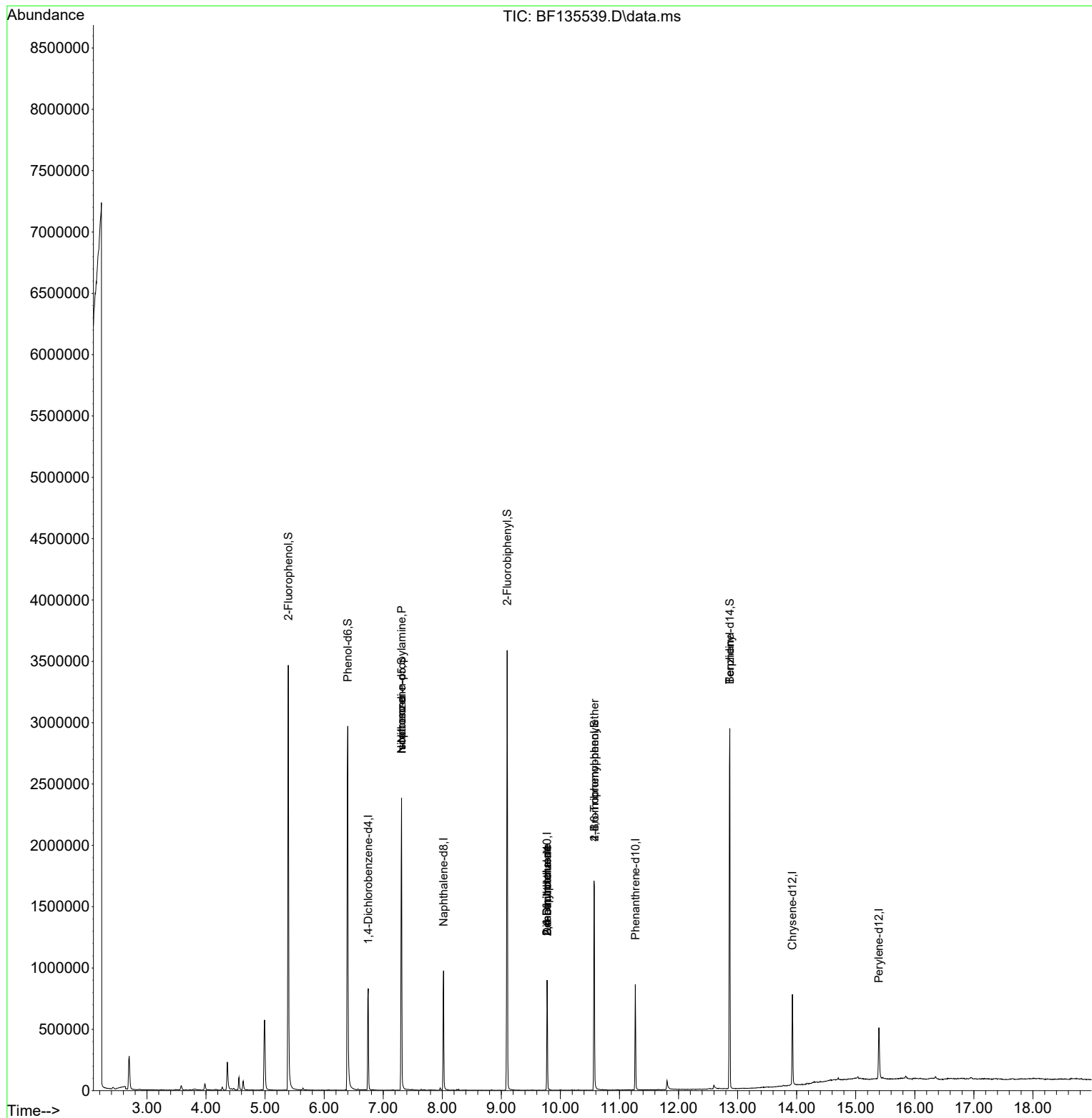
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	125180	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	435664	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	174065	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	292529	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	254729	20.000	ng	0.00
86) Perylene-d12	15.392	264	192599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	955690	124.171	ng	0.01
7) Phenol-d6	6.398	99	1058599	108.168	ng	0.00
23) Nitrobenzene-d5	7.310	82	741590	92.480	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	203694	117.757	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1162886	100.794	ng	-0.01
79) Terphenyl-d14	12.869	244	1094538	66.610	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	98510	16.251	ng	# 79
25) Isophorone	7.310	82	741581	50.362	ng	# 65
50) Dimethylphthalate	9.775	163	31730	2.696	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	22133	8.585	ng	# 18
57) 2,4-Dinitrotoluene	9.775	165	22133	6.858	ng	# 19
67) 4-Bromophenyl-phenylether	10.575	248	12864	4.422	ng	# 1
77) Benzidine	12.869	184	14304	2.741	ng	# 94

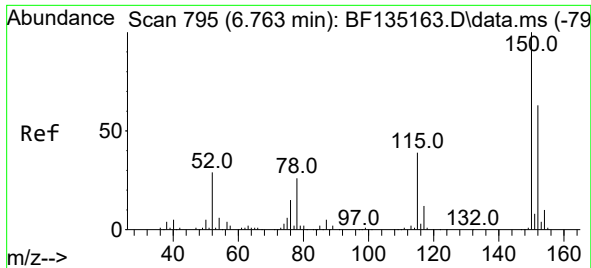
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
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QLast Update : Sat Sep 30 00:12:20 2023
Response via : Initial Calibration

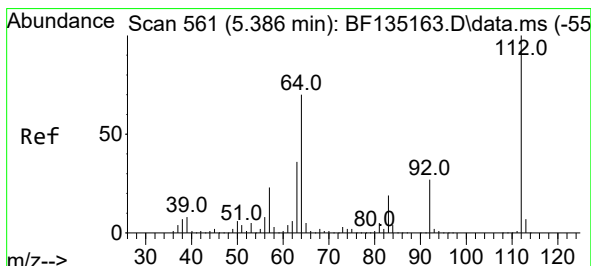
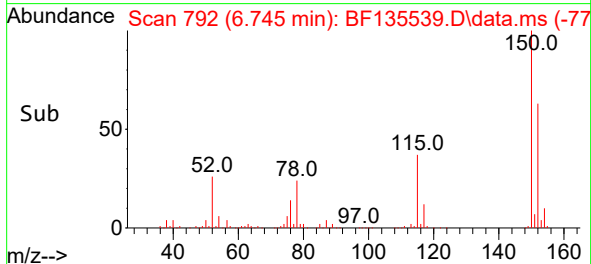
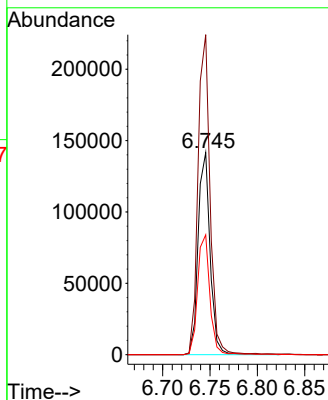
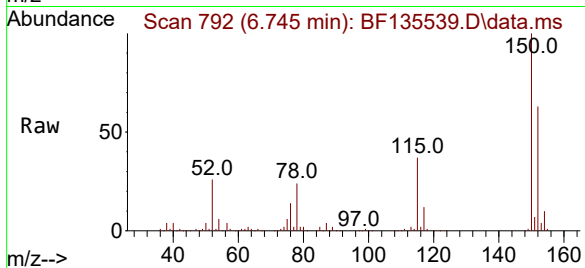




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

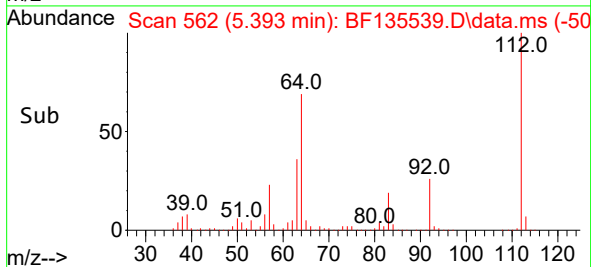
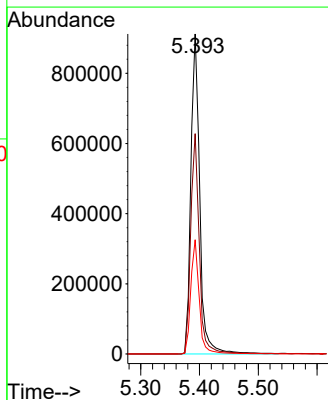
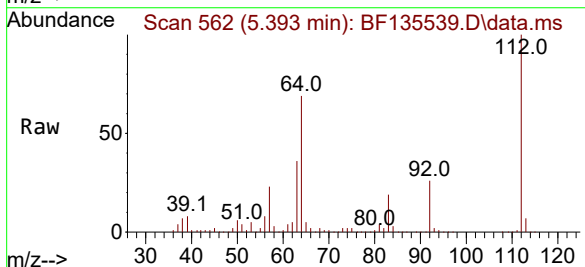
Instrument :
BNA_F
ClientSampleId :
SP1-COMP

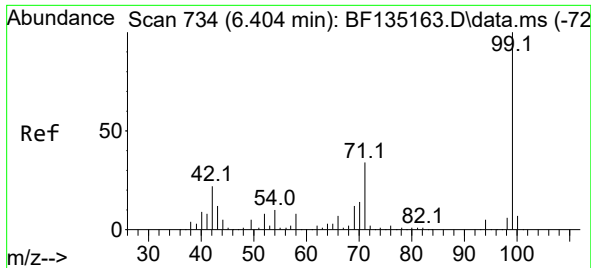
Tgt Ion:152 Resp: 125180
Ion Ratio Lower Upper
152 100
150 158.4 127.8 191.6
115 59.3 49.8 74.8



#5
2-Fluorophenol
Concen: 124.171 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

Tgt Ion:112 Resp: 955690
Ion Ratio Lower Upper
112 100
64 68.8 55.9 83.9
63 35.7 29.0 43.6

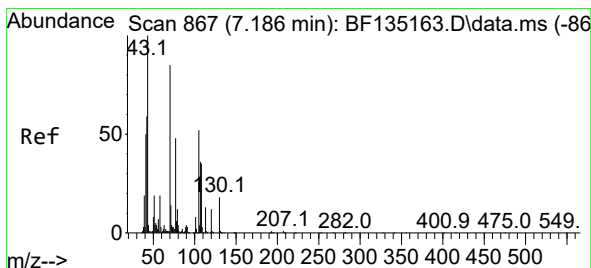
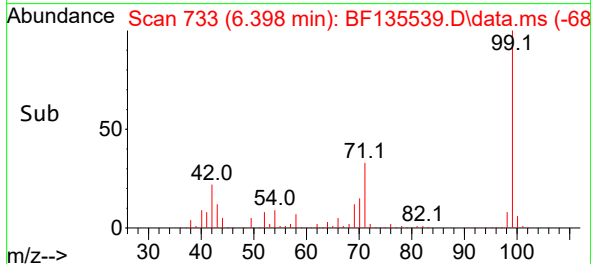
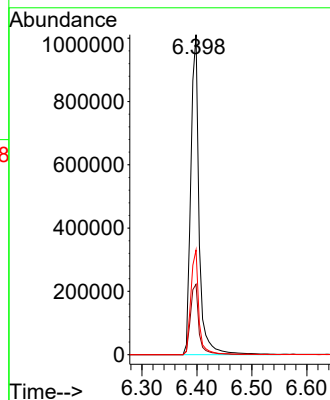
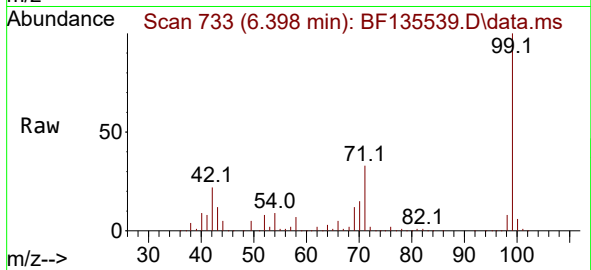




#7
Phenol-d6
Concen: 108.168 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

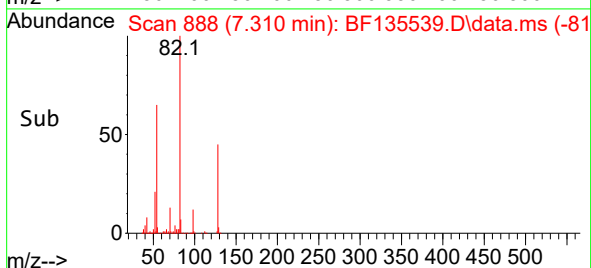
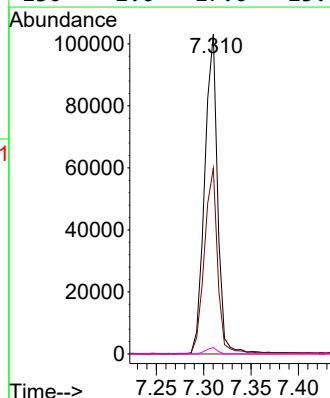
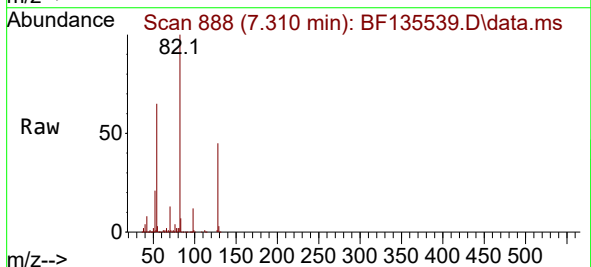
Instrument :
BNA_F
ClientSampleId :
SP1-COMP

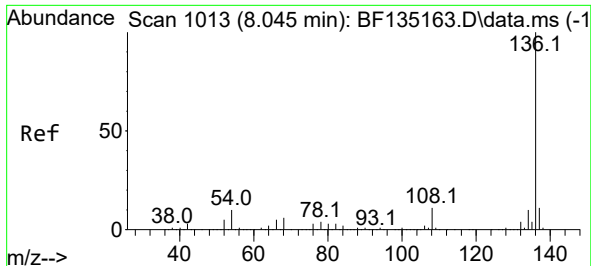
Tgt Ion: 99 Resp: 1058599
Ion Ratio Lower Upper
99 100
42 22.0 17.9 26.9
71 32.7 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.251 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

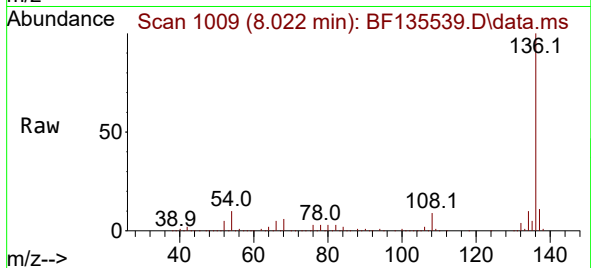
Tgt Ion: 70 Resp: 98510
Ion Ratio Lower Upper
70 100
42 58.0 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#



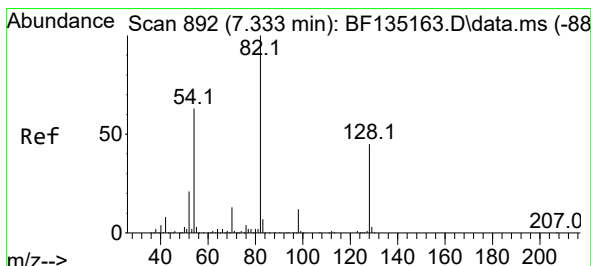
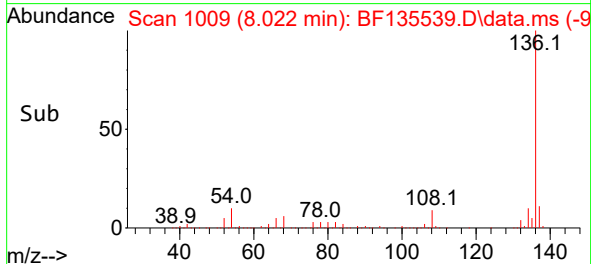
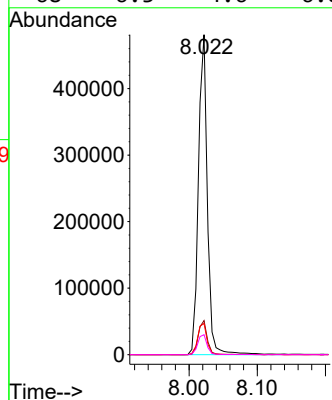


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

Instrument :
BNA_F
ClientSampleId :
SP1-COMP

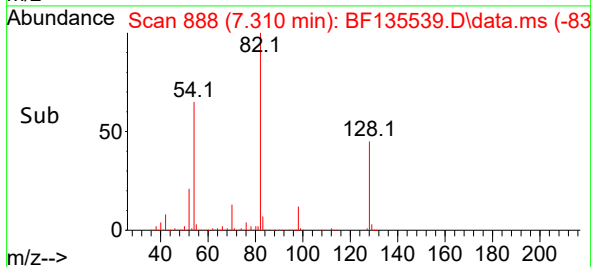
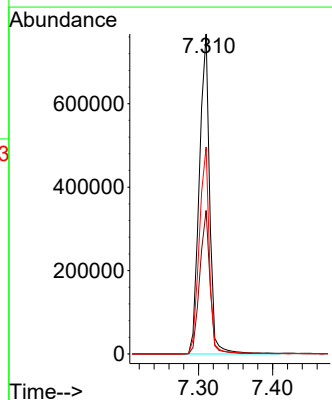
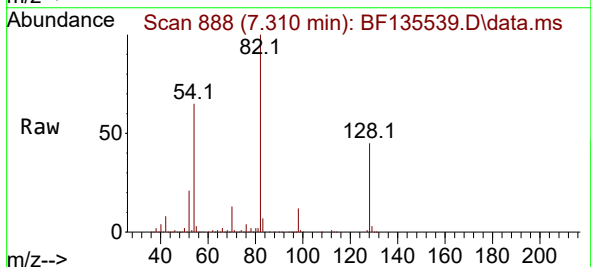


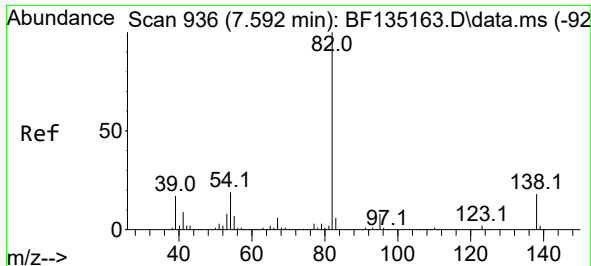
Tgt Ion:136 Resp: 435664
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.7 7.7 11.5
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 92.480 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

Tgt Ion: 82 Resp: 741590
Ion Ratio Lower Upper
82 100
128 44.8 35.8 53.6
54 64.7 50.6 76.0

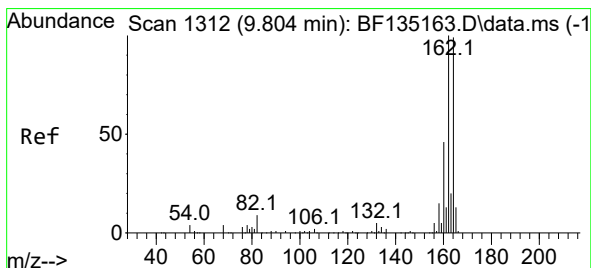
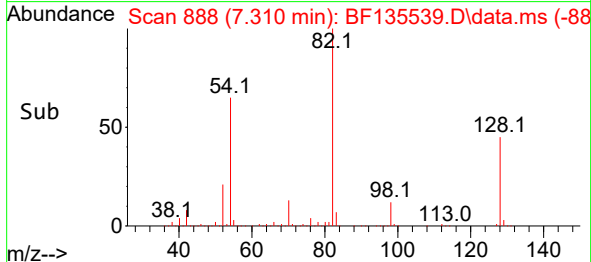
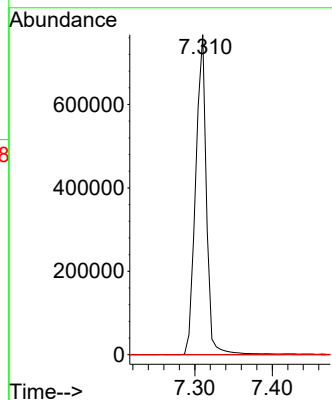
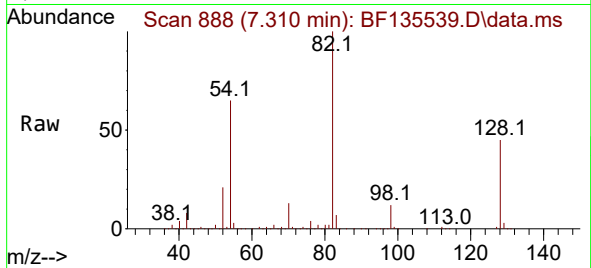




#25
Isophorone
Concen: 50.362 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

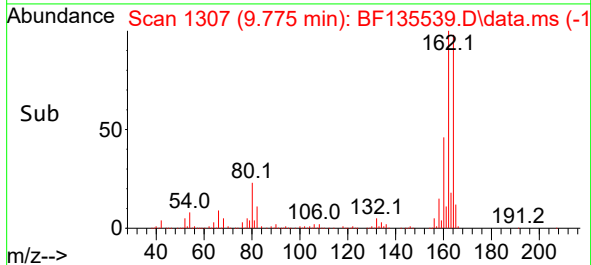
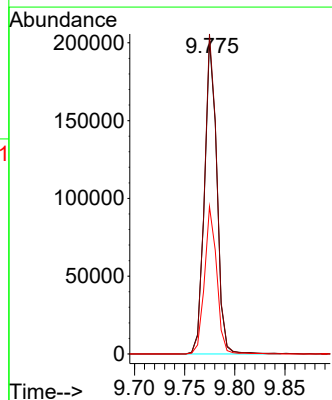
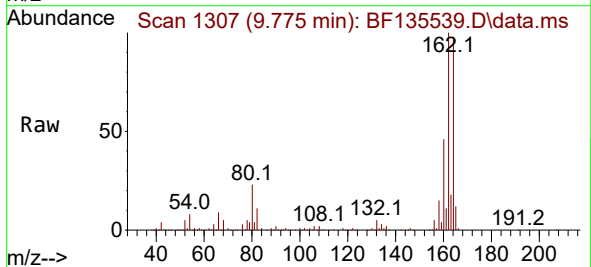
Instrument :
BNA_F
ClientSampleId :
SP1-COMP

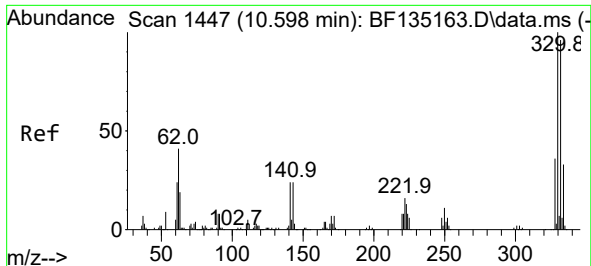
Tgt Ion: 82 Resp: 741581
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

Tgt Ion: 164 Resp: 174065
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.4
160 46.9 37.0 55.4

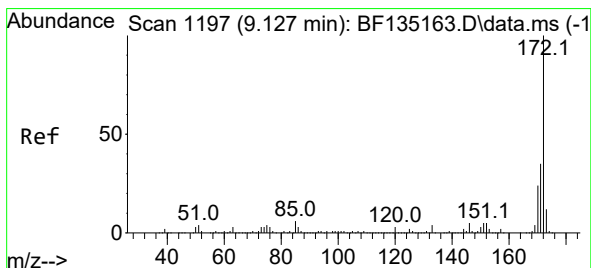
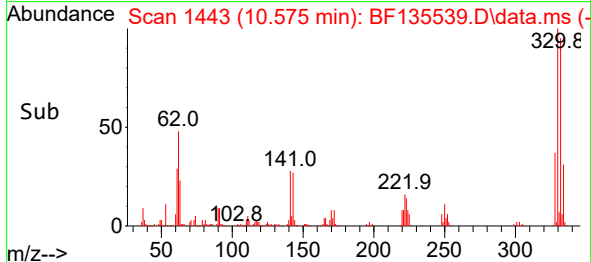
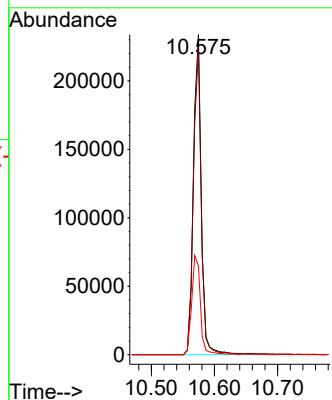
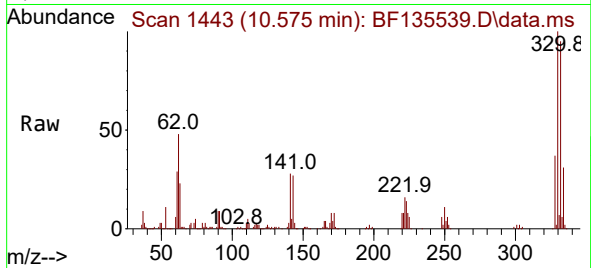




#42
2,4,6-Tribromophenol
Concen: 117.757 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

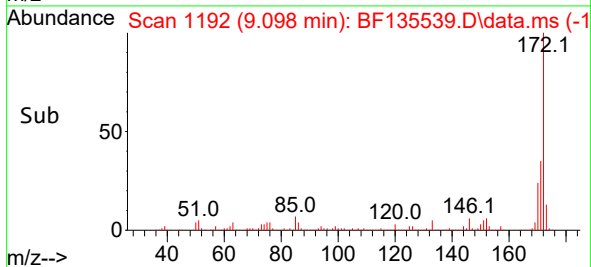
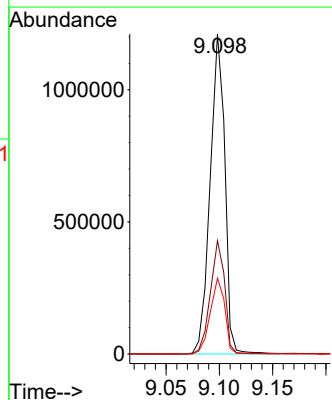
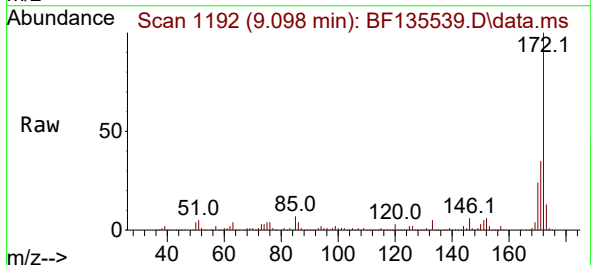
Instrument :
BNA_F
ClientSampleId :
SP1-COMP

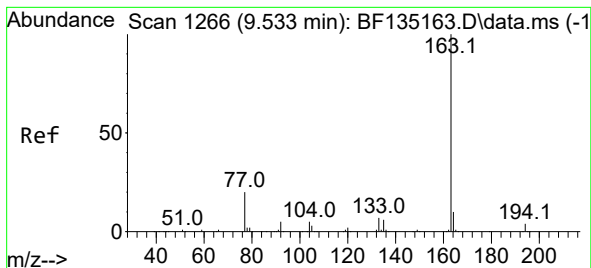
Tgt Ion:330 Resp: 203694
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 34.0 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 100.794 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

Tgt Ion:172 Resp: 1162886
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.7 19.0 28.4





#50

Dimethylphthalate

Concen: 2.696 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.259 min

Lab File: BF135539.D

Acq: 02 Oct 2023 21:26

Instrument :

BNA_F

ClientSampleId :

SP1-COMP

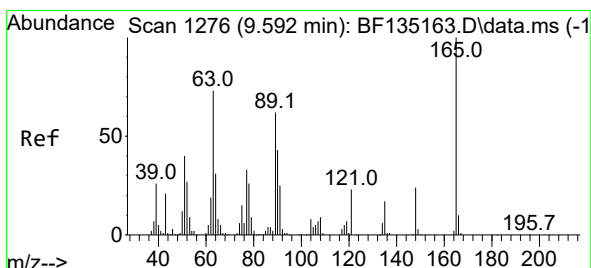
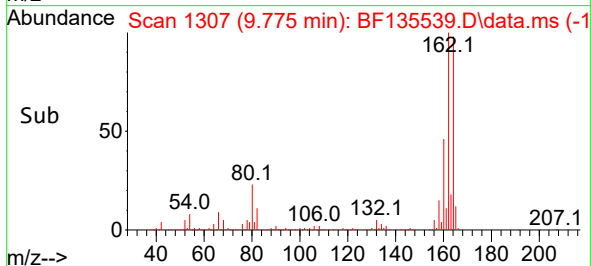
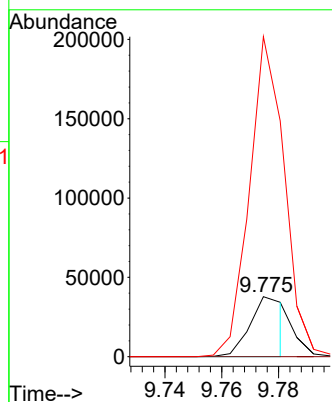
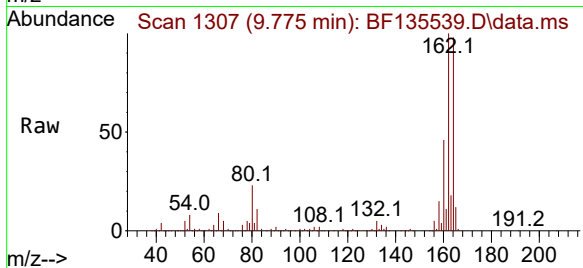
Tgt Ion:163 Resp: 31730

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 533.2 8.1 12.1#



#51

2,6-Dinitrotoluene

Concen: 8.585 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.188 min

Lab File: BF135539.D

Acq: 02 Oct 2023 21:26

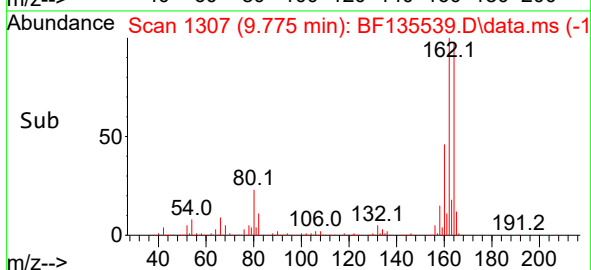
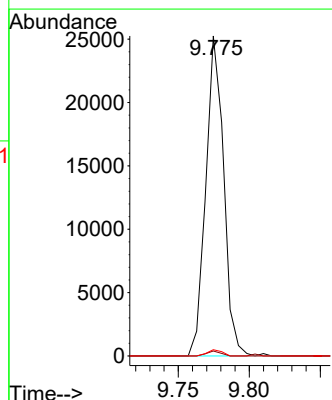
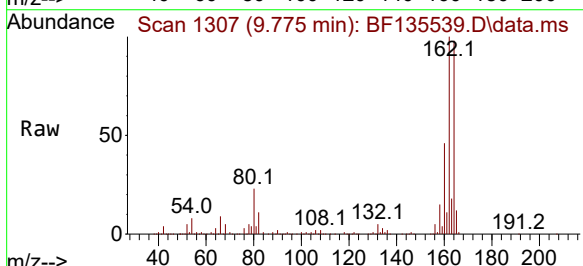
Tgt Ion:165 Resp: 22133

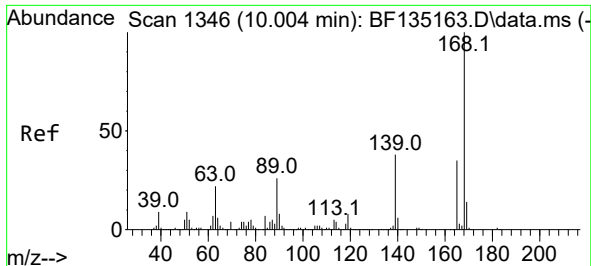
Ion Ratio Lower Upper

165 100

63 1.5 59.4 89.2#

89 2.0 49.8 74.8#

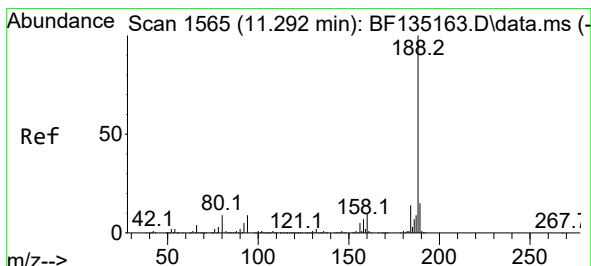
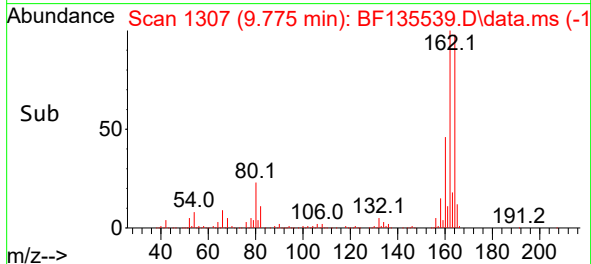
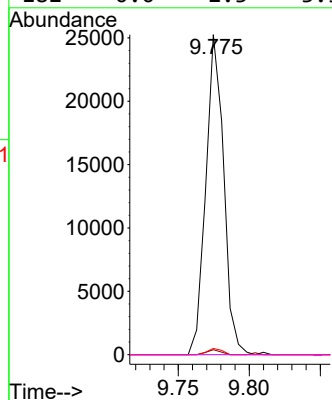
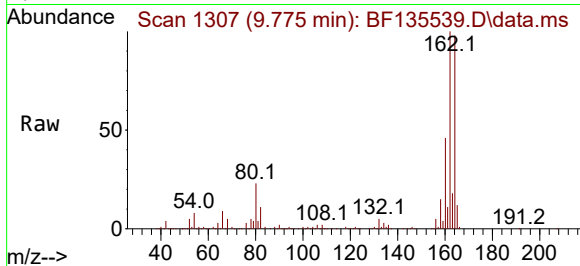




#57
2,4-Dinitrotoluene
Concen: 6.858 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

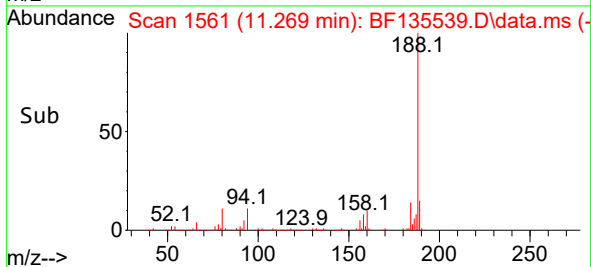
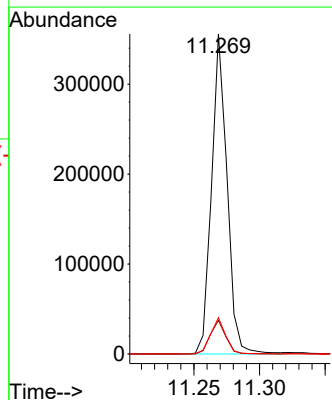
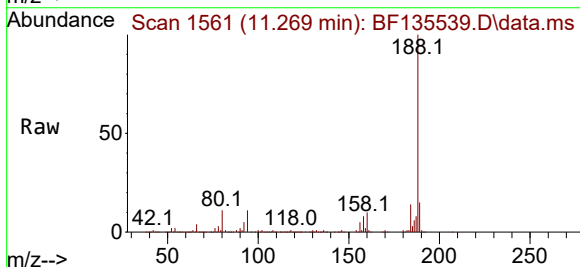
Instrument :
BNA_F
ClientSampleId :
SP1-COMP

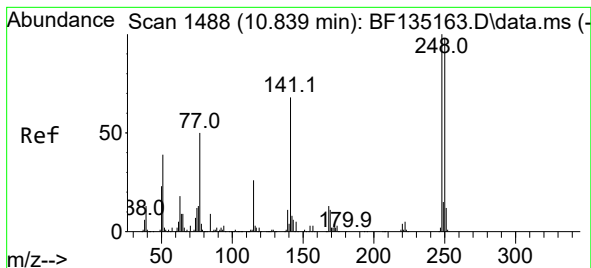
Tgt Ion:165 Resp: 22133
Ion Ratio Lower Upper
165 100
63 1.5 50.1 75.1#
89 2.0 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

Tgt Ion:188 Resp: 292529
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 11.4 7.5 11.3#

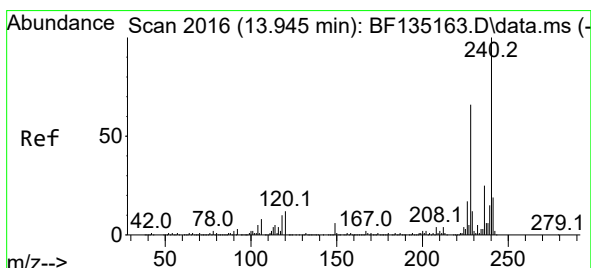
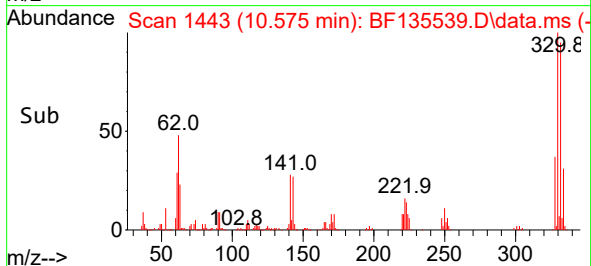
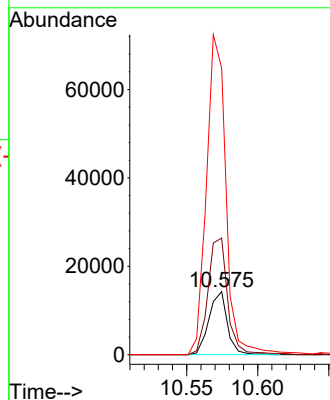
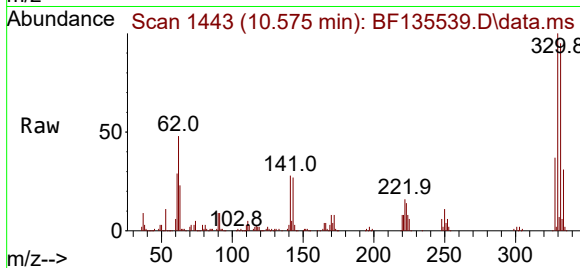




#67
4-Bromophenyl-phenylether
Concen: 4.422 ng
RT: 10.575 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

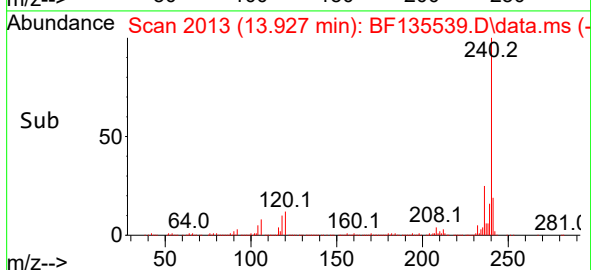
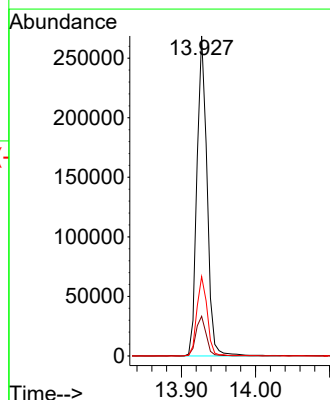
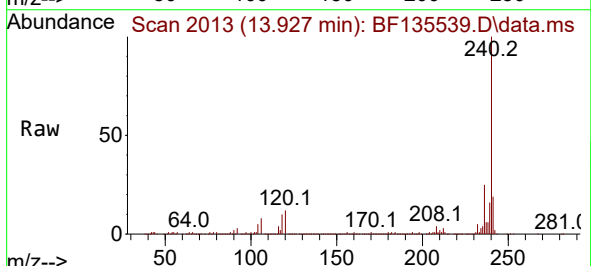
Instrument :
BNA_F
ClientSampleId :
SP1-COMP

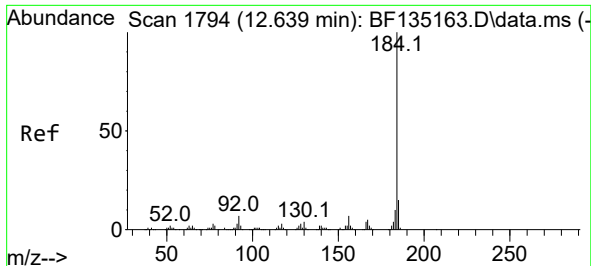
Tgt Ion:248 Resp: 12864
Ion Ratio Lower Upper
248 100
250 185.1 78.6 117.8#
141 455.2 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

Tgt Ion:240 Resp: 254729
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.2
236 24.8 19.8 29.8

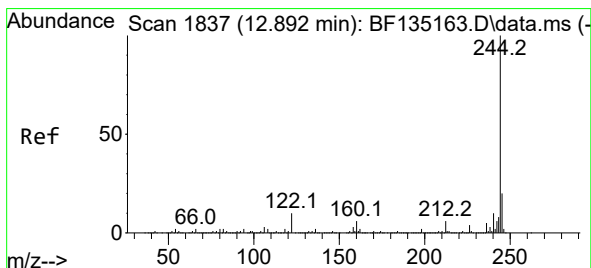
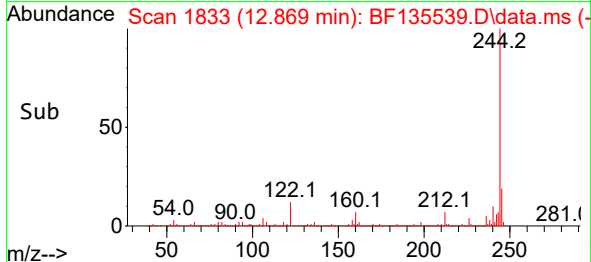
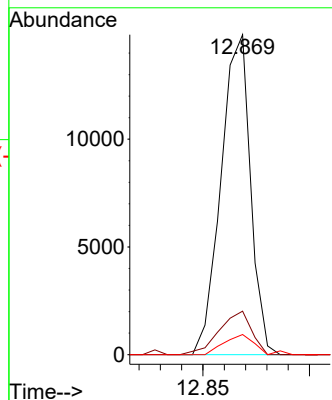
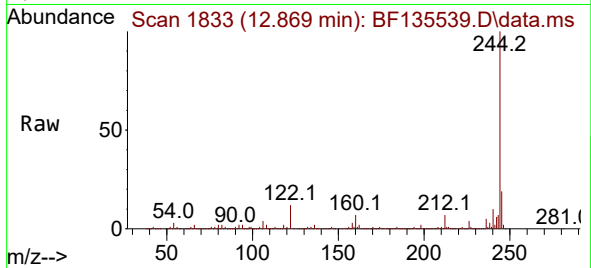




#77
Benzidine
Concen: 2.741 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.247 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

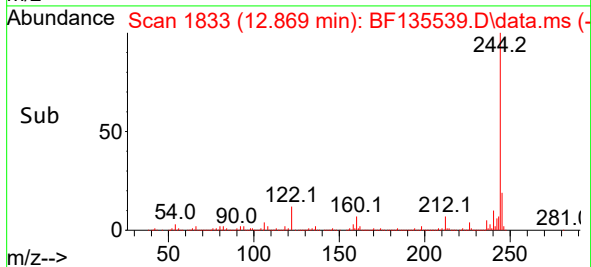
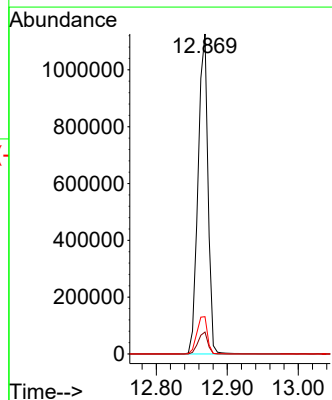
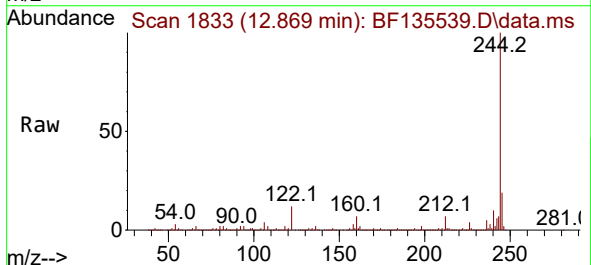
Instrument :
BNA_F
ClientSampleId :
SP1-COMP

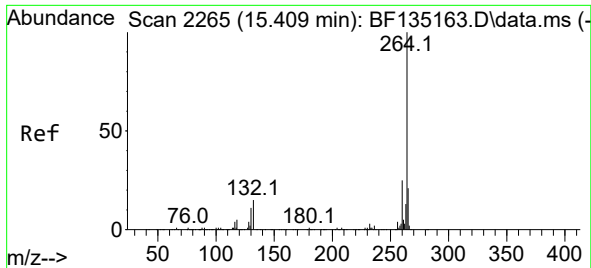
Tgt Ion:184 Resp: 14304
Ion Ratio Lower Upper
184 100
185 13.6 11.7 17.5
183 6.3 8.2 12.4#



#79
Terphenyl-d14
Concen: 66.610 ng
RT: 12.869 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

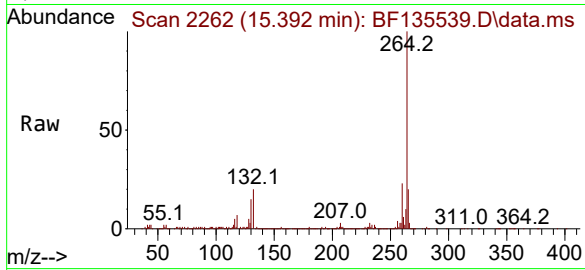
Tgt Ion:244 Resp: 1094538
Ion Ratio Lower Upper
244 100
212 6.8 5.1 7.7
122 11.7 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135539.D
Acq: 02 Oct 2023 21:26

Instrument :
BNA_F
ClientSampleId :
SP1-COMP



Tgt Ion:	264	Resp:	192599
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.8	29.6
265	20.5	17.0	25.4

