

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135205.D
 Acq On : 13 Sep 2023 04:28
 Operator : CG\JU
 Sample : 04343-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2-23RD-ST

Quant Time: Sep 13 07:42:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

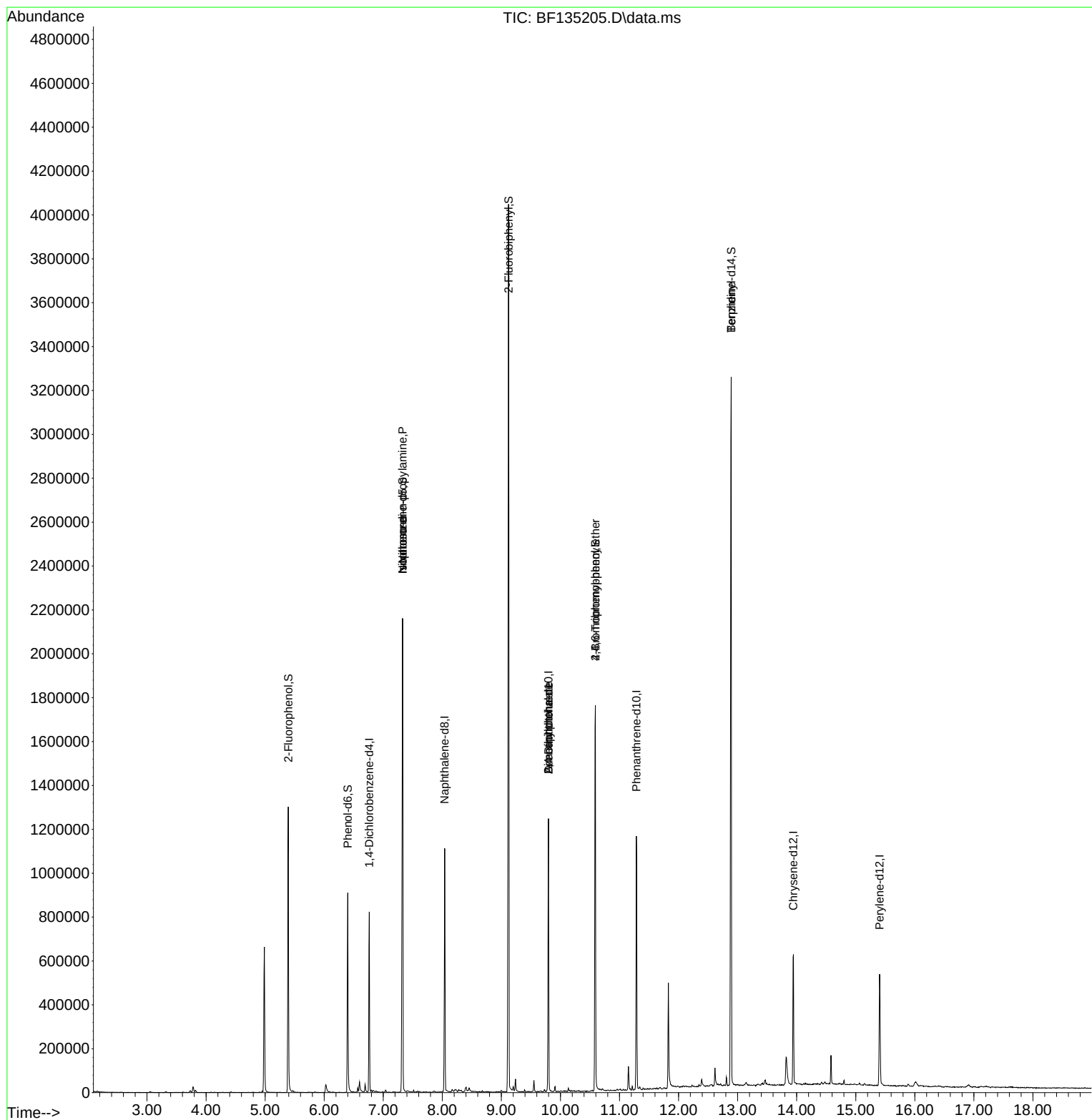
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	115516	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	450044	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	236761	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	443367	20.000	ng	0.00
76) Chrysene-d12	13.945	240	216962	20.000	ng	0.00
86) Perylene-d12	15.404	264	239347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	323582	45.560	ng	0.00
7) Phenol-d6	6.398	99	267419	29.611	ng	0.00
23) Nitrobenzene-d5	7.328	82	751209	90.686	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	227395	96.647	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1341096	85.459	ng	0.00
79) Terphenyl-d14	12.892	244	1271229	90.829	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.328	70	101783	18.196	ng	# 79
25) Isophorone	7.328	82	748337	49.197	ng	# 65
50) Dimethylphthalate	9.798	163	46787	2.923	ng	# 1
57) 2,4-Dinitrotoluene	9.798	165	29851	6.800	ng	# 19
67) 4-Bromophenyl-phenylether	10.592	248	13904	3.153	ng	# 1
77) Benzidine	12.892	184	16595	3.734	ng	# 94

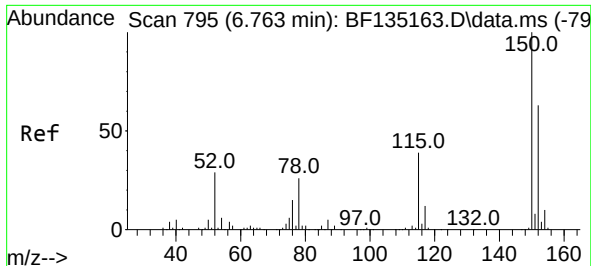
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

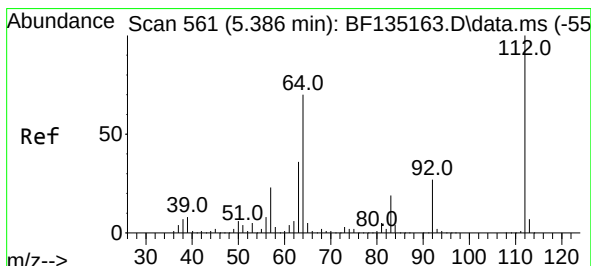
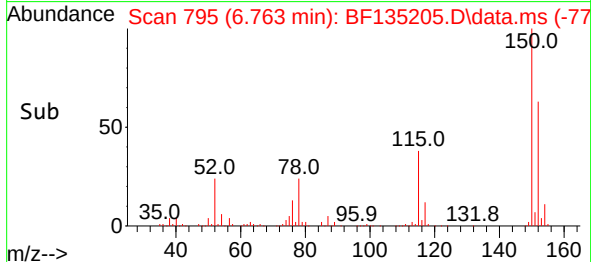
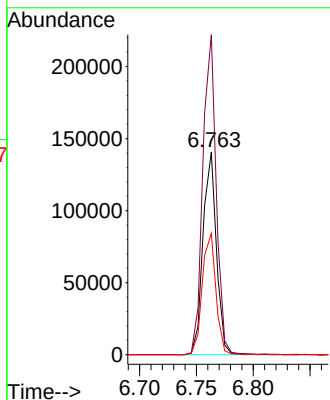
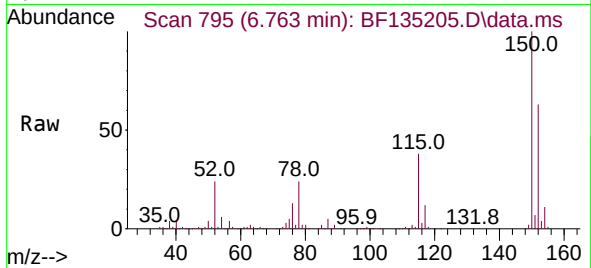




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135205.D
Acq: 13 Sep 2023 04:28

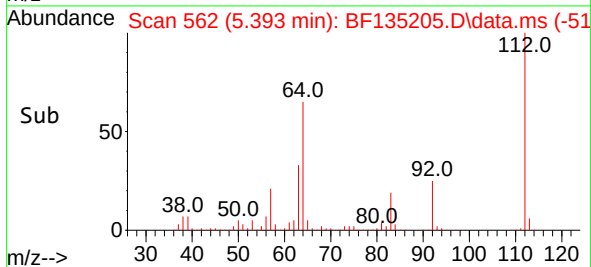
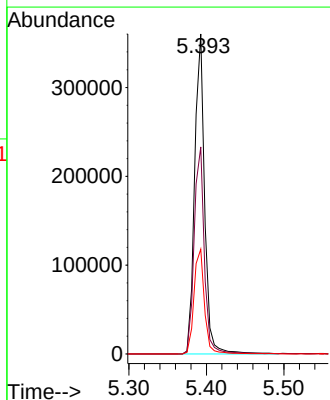
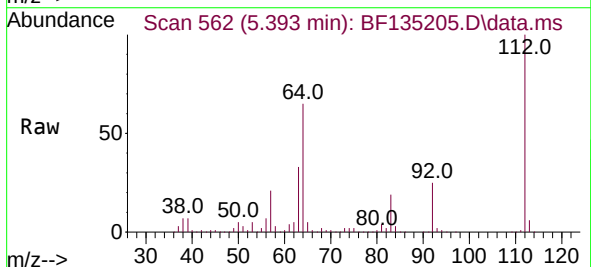
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-23RD-ST

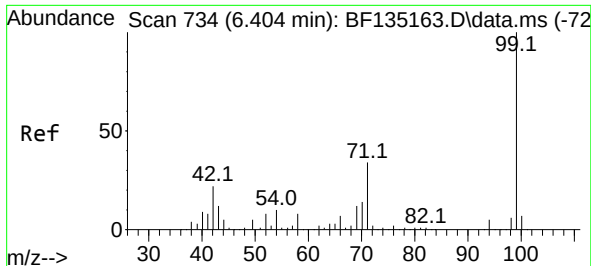
Tgt Ion:152 Resp: 115516
Ion Ratio Lower Upper
152 100
150 157.8 127.8 191.6
115 59.8 49.8 74.8



#5
2-Fluorophenol
Concen: 45.560 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135205.D
Acq: 13 Sep 2023 04:28

Tgt Ion:112 Resp: 323582
Ion Ratio Lower Upper
112 100
64 64.7 55.9 83.9
63 32.7 29.0 43.6

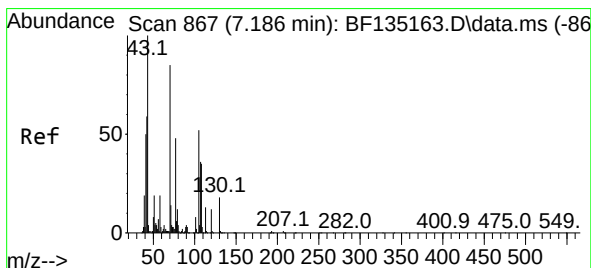
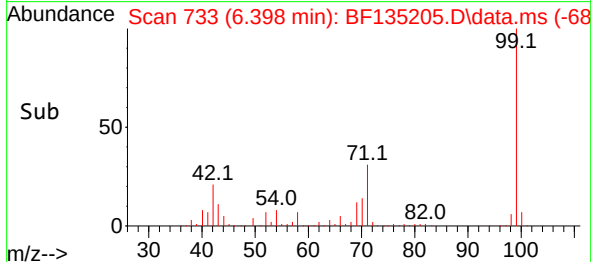
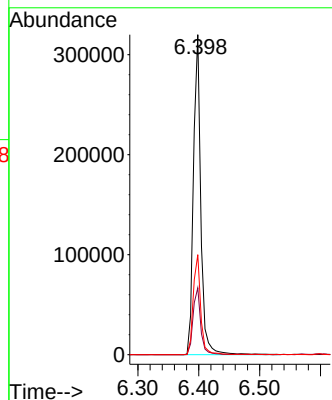
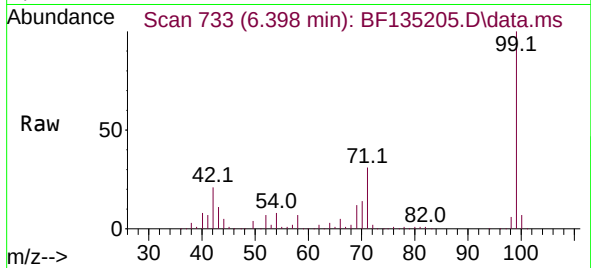




#7
Phenol-d6
Concen: 29.611 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135205.D
Acq: 13 Sep 2023 04:28

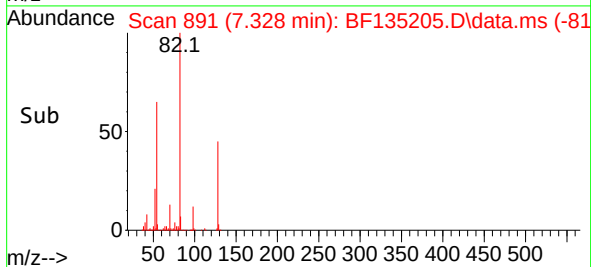
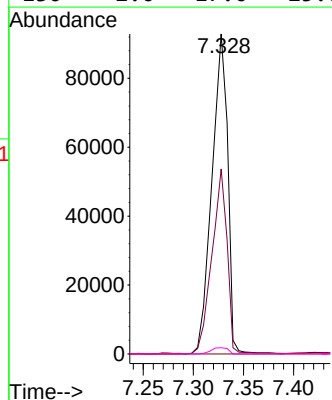
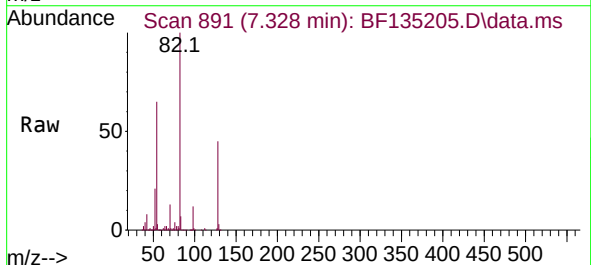
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-23RD-ST

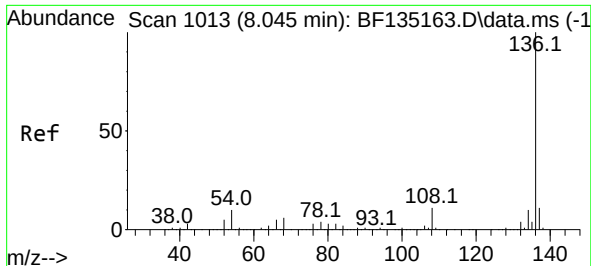
Tgt Ion: 99 Resp: 267419
Ion Ratio Lower Upper
99 100
42 20.9 17.9 26.9
71 31.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.196 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135205.D
Acq: 13 Sep 2023 04:28

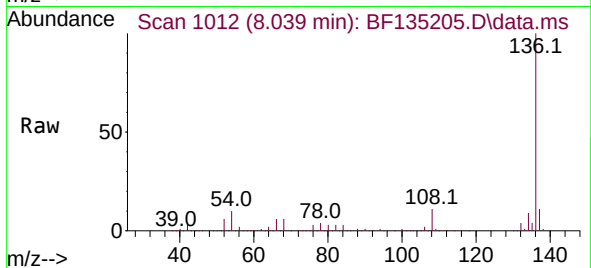
Tgt Ion: 70 Resp: 101783
Ion Ratio Lower Upper
70 100
42 57.8 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#



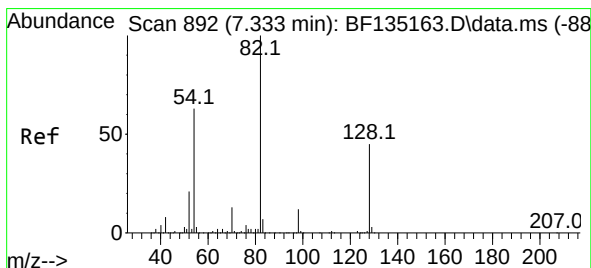
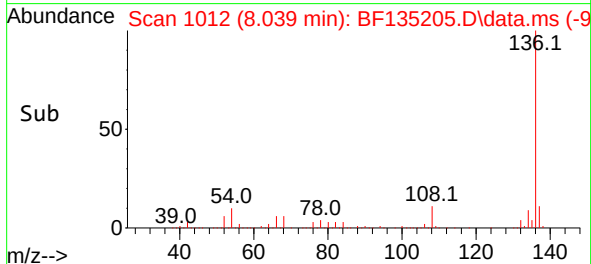
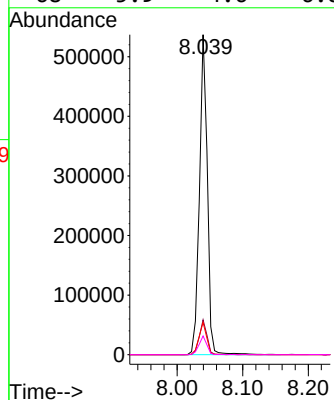


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135205.D
Acq: 13 Sep 2023 04:28

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-23RD-ST

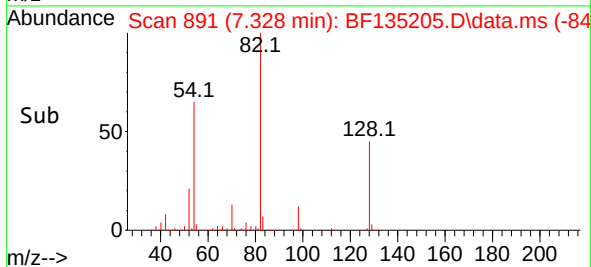
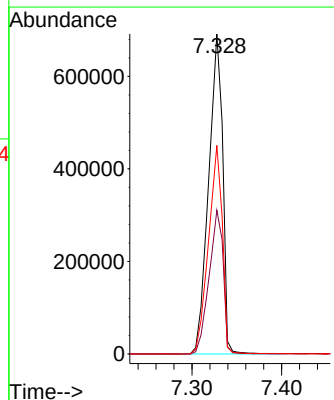
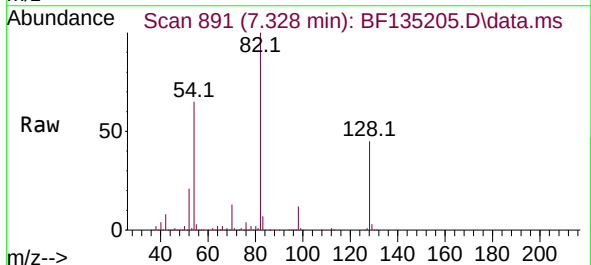


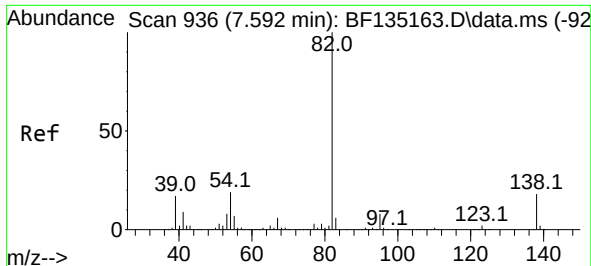
Tgt Ion:136 Resp: 450044
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.1 7.7 11.5
68 5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 90.686 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135205.D
Acq: 13 Sep 2023 04:28

Tgt Ion: 82 Resp: 751209
Ion Ratio Lower Upper
82 100
128 44.9 35.8 53.6
54 65.1 50.6 76.0

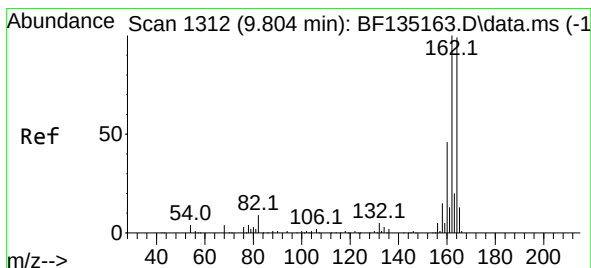
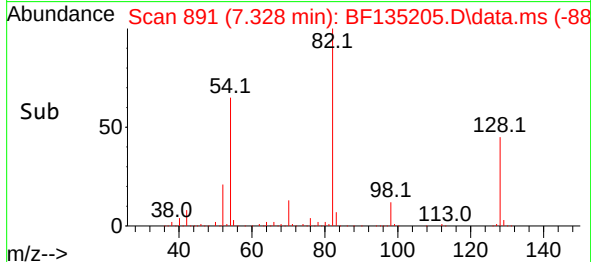
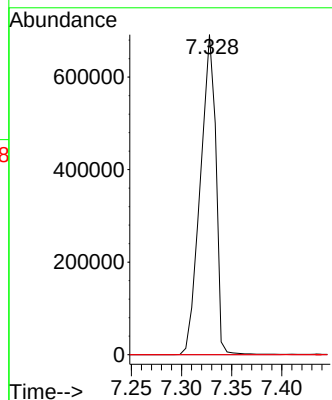
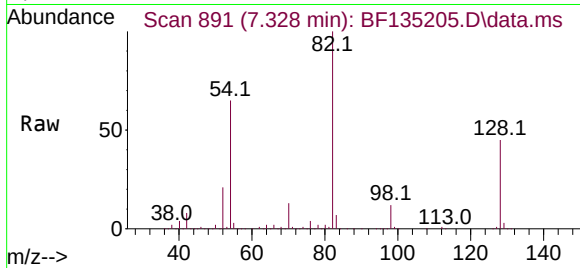




#25
Isophorone
Concen: 49.197 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.264 min
Lab File: BF135205.D
Acq: 13 Sep 2023 04:28

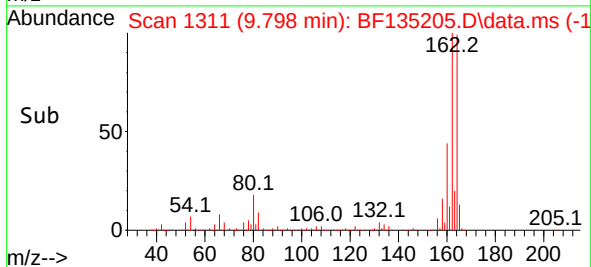
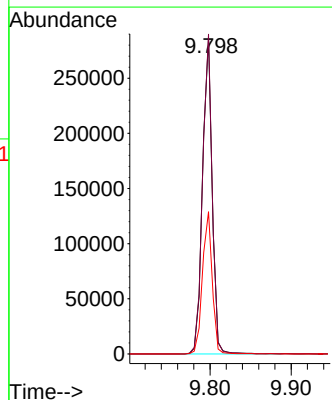
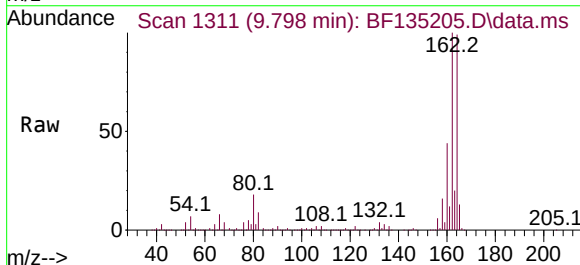
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-23RD-ST

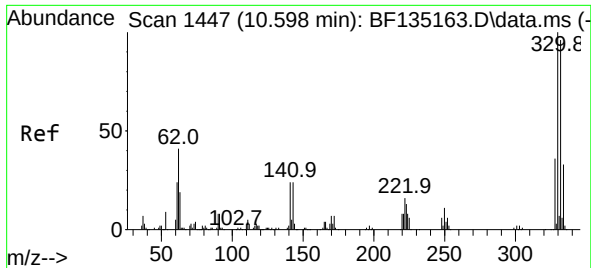
Tgt Ion: 82 Resp: 748337
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135205.D
Acq: 13 Sep 2023 04:28

Tgt Ion: 164 Resp: 236761
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.4
160 45.1 37.0 55.4

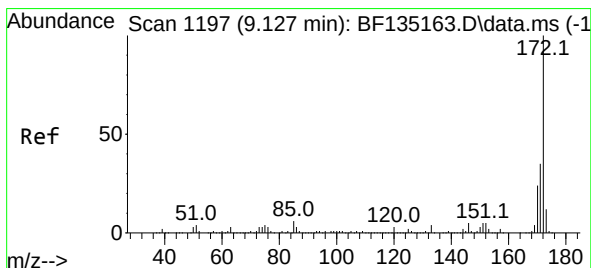
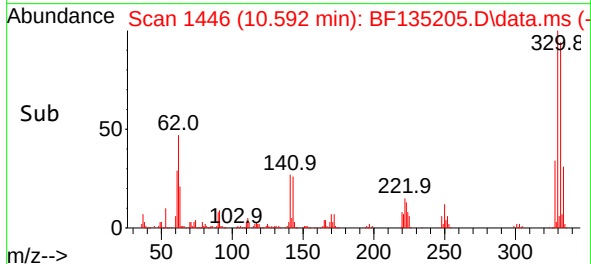
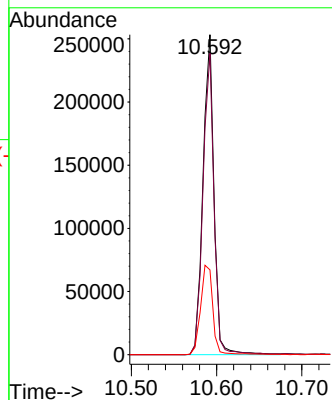
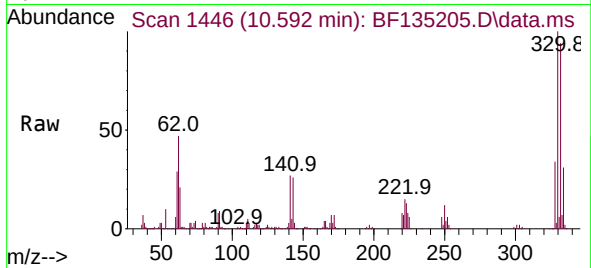




#42
2,4,6-Tribromophenol
Concen: 96.647 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135205.D
Acq: 13 Sep 2023 04:28

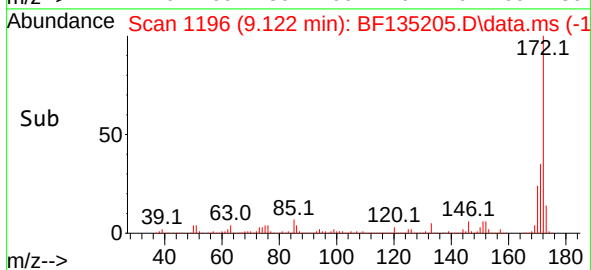
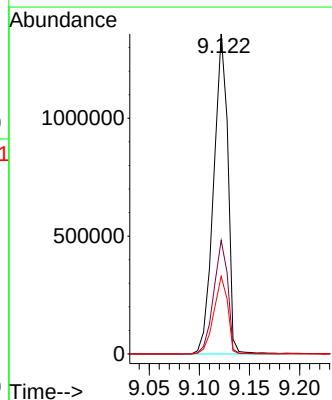
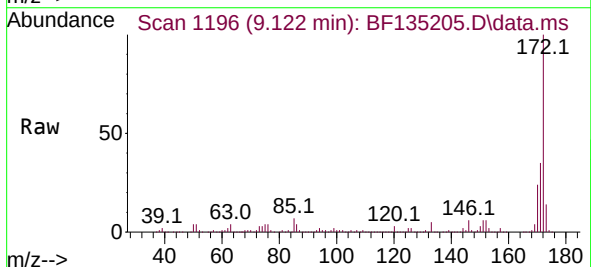
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BNA_F
ClientSampleId :
SAMPLE-2-23RD-ST

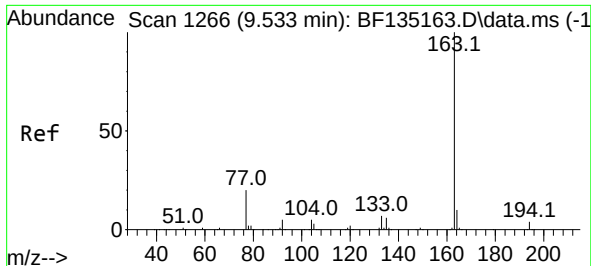
Tgt Ion: 330 Resp: 227395
Ion Ratio Lower Upper
330 100
332 94.4 77.3 115.9
141 31.3 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 85.459 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135205.D
Acq: 13 Sep 2023 04:28

Tgt Ion: 172 Resp: 1341096
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.3 19.0 28.4

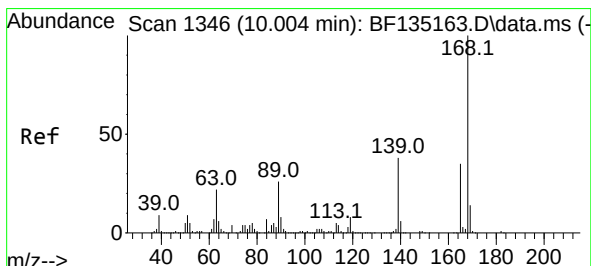
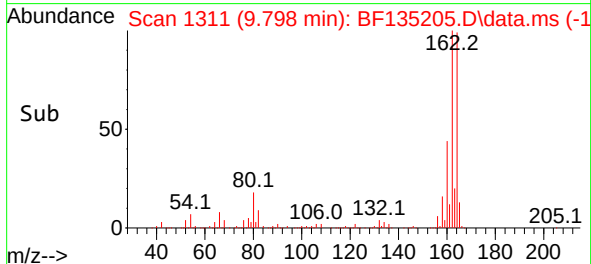
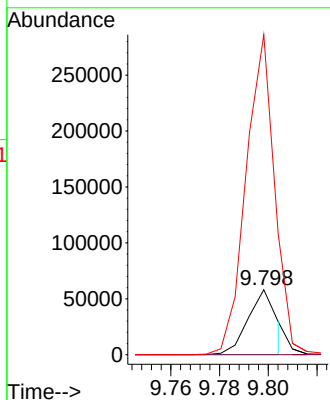
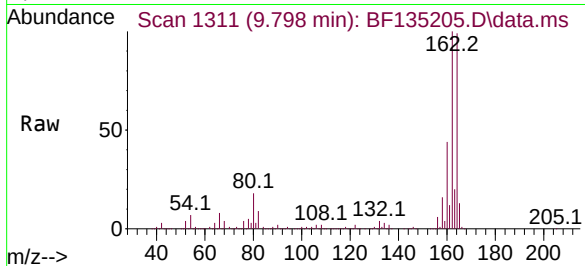




#50
Dimethylphthalate
Concen: 2.923 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF135205.D
Acq: 13 Sep 2023 04:28

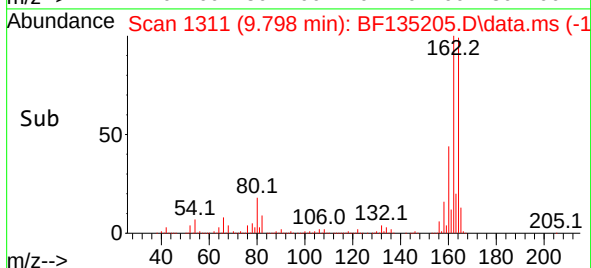
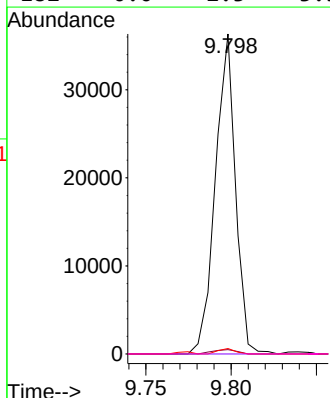
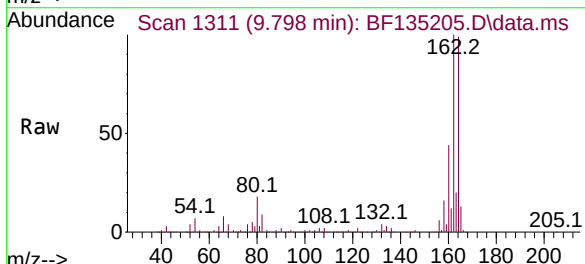
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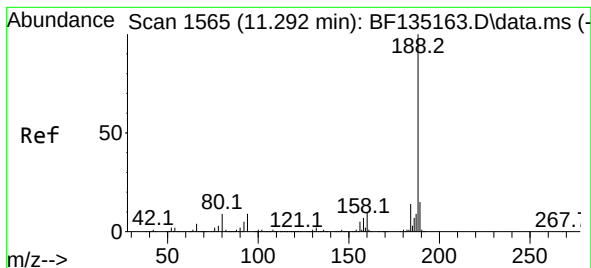
Tgt Ion:163 Resp: 46787
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 492.5 8.1 12.1#



#57
2,4-Dinitrotoluene
Concen: 6.800 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.206 min
Lab File: BF135205.D
Acq: 13 Sep 2023 04:28

Tgt Ion:165 Resp: 29851
Ion Ratio Lower Upper
165 100
63 1.4 50.1 75.1#
89 1.7 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135205.D

Acq: 13 Sep 2023 04:28

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2-23RD-ST

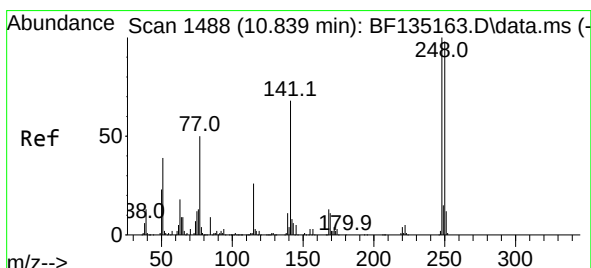
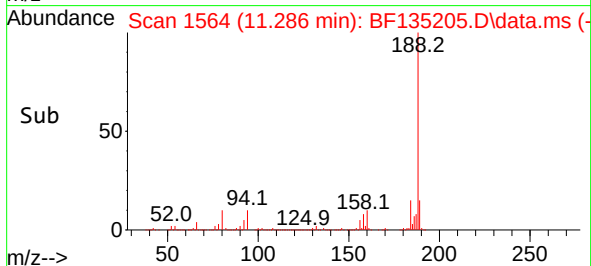
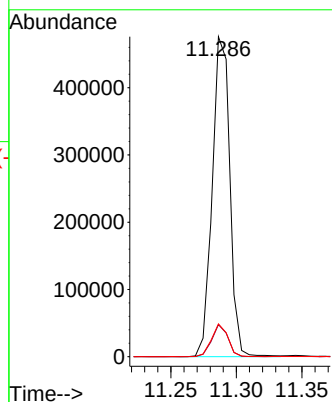
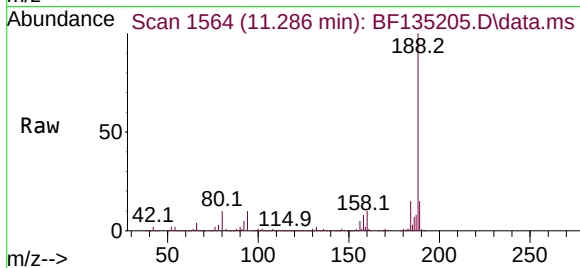
Tgt Ion:188 Resp: 443367

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.6

80 10.3 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 3.153 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF135205.D

Acq: 13 Sep 2023 04:28

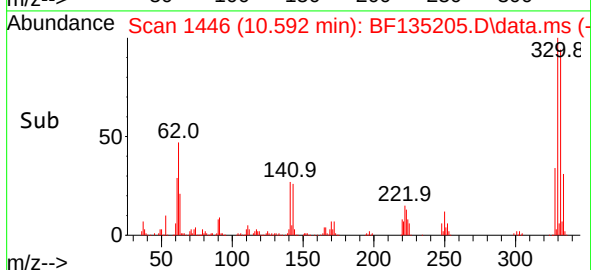
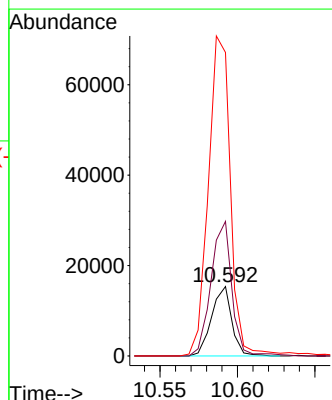
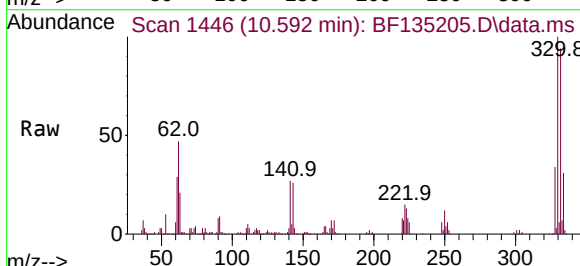
Tgt Ion:248 Resp: 13904

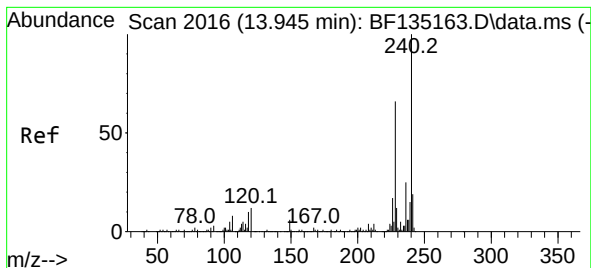
Ion Ratio Lower Upper

248 100

250 193.9 78.6 117.8#

141 437.4 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135205.D

Acq: 13 Sep 2023 04:28

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2-23RD-ST

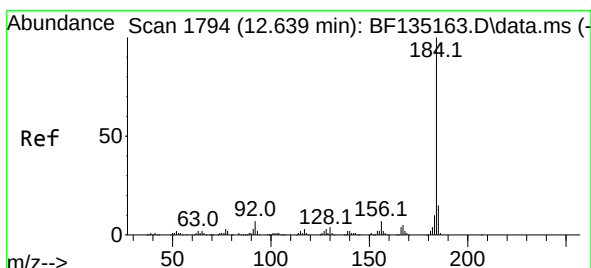
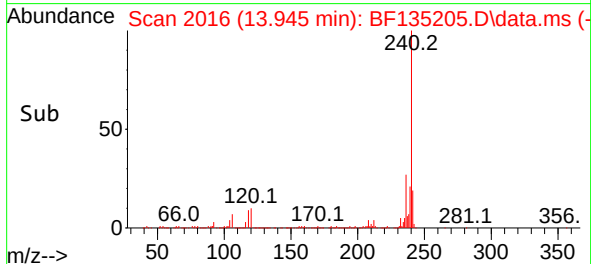
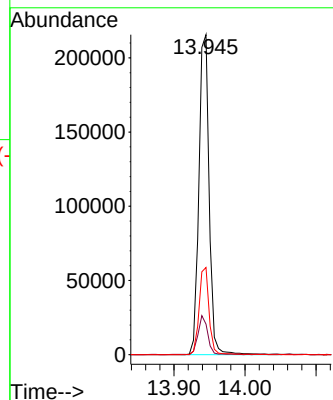
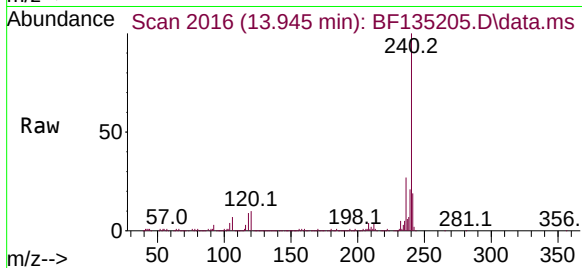
Tgt Ion:240 Resp: 216962

Ion Ratio Lower Upper

240 100

120 9.5 9.4 14.2

236 27.3 19.8 29.8



#77

Benzidine

Concen: 3.734 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.253 min

Lab File: BF135205.D

Acq: 13 Sep 2023 04:28

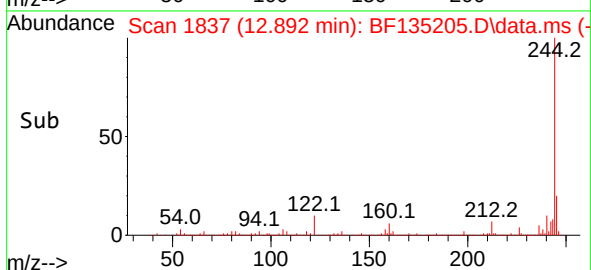
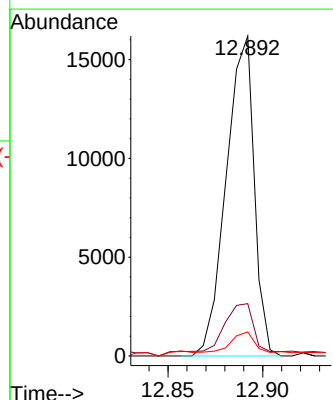
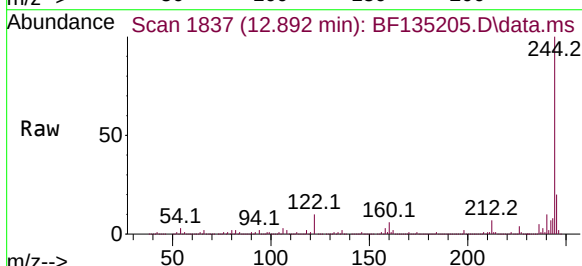
Tgt Ion:184 Resp: 16595

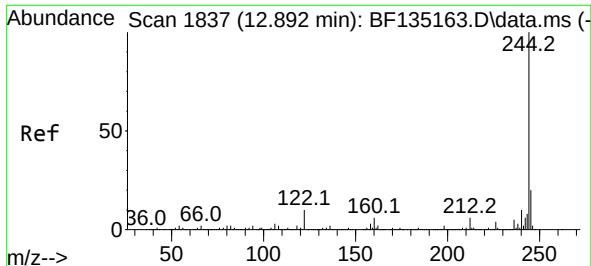
Ion Ratio Lower Upper

184 100

185 16.3 11.7 17.5

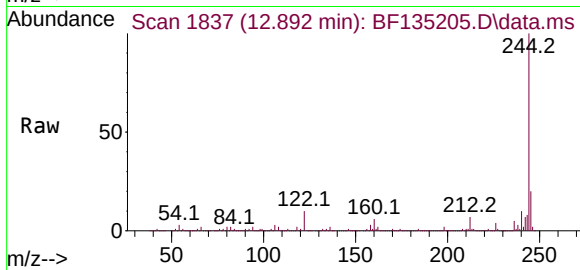
183 7.5 8.2 12.4#





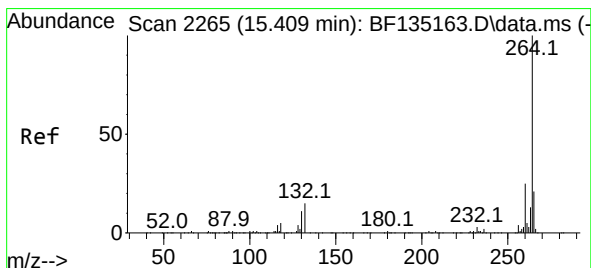
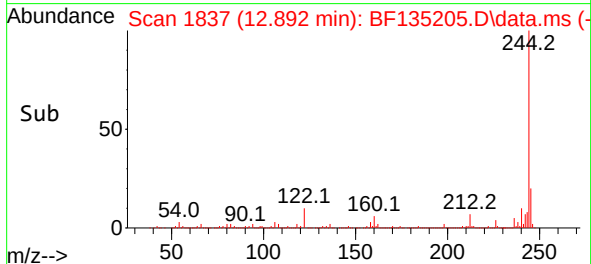
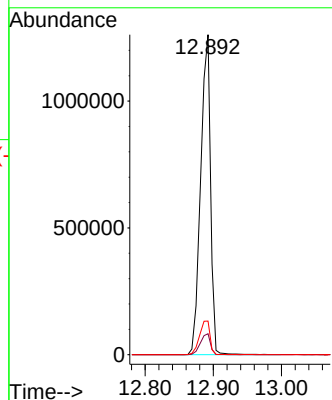
#79
 Terphenyl-d14
 Concen: 90.829 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135205.D
 Acq: 13 Sep 2023 04:28

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2-23RD-ST



Tgt Ion:244 Resp: 1271229

Ion	Ratio	Lower	Upper
244	100		
212	6.6	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. -0.006 min
 Lab File: BF135205.D
 Acq: 13 Sep 2023 04:28

Tgt Ion:264 Resp: 239347

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.6
265	22.3	17.0	25.4

