

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137203.D
 Acq On : 31 Jan 2024 11:29
 Operator : CG\JU
 Sample : PB158717BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158717BL

Quant Time: Feb 01 01:11:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

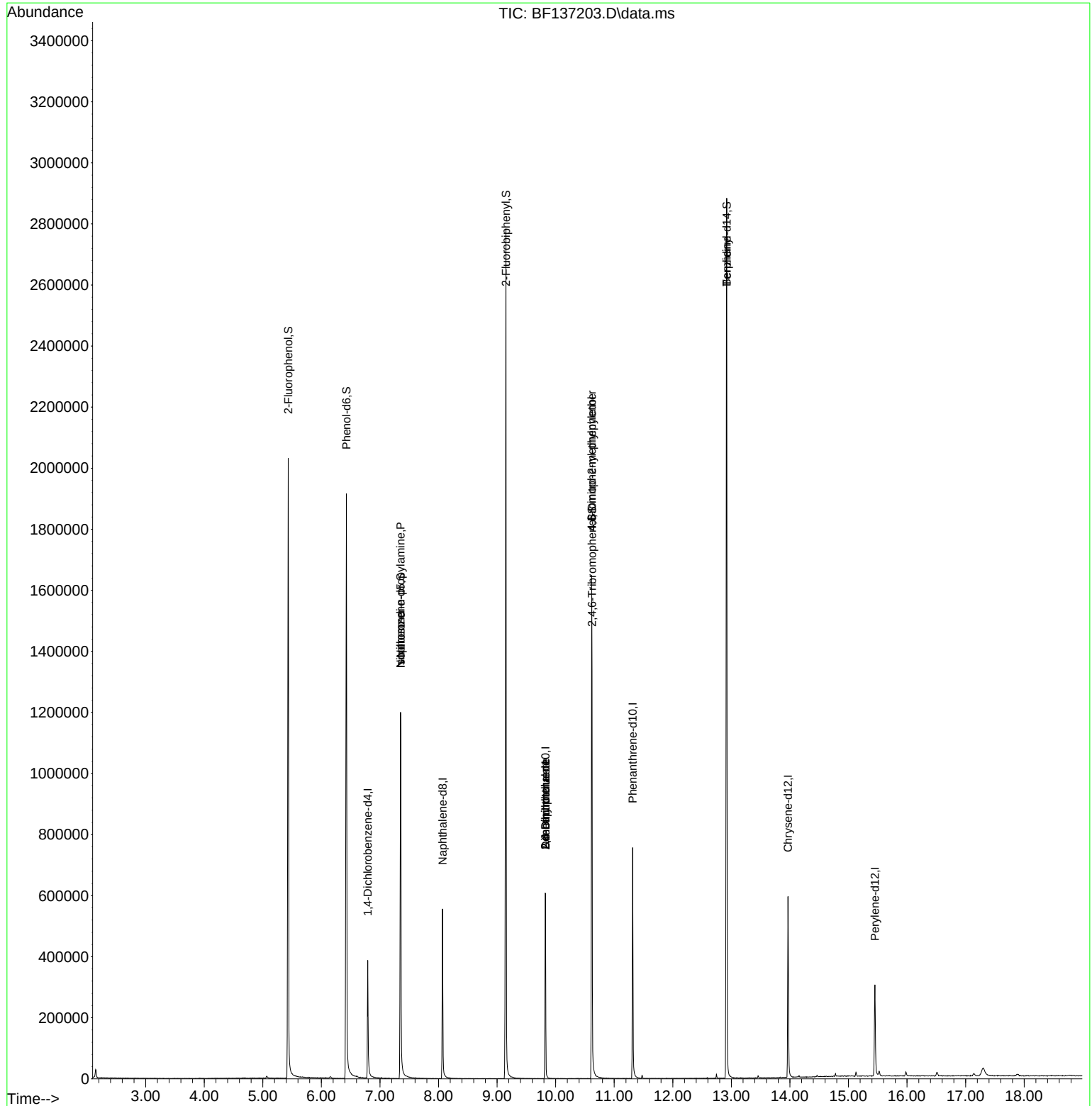
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	58012	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	235714	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	137879	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	280297	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	204882	20.000	ng	0.00
86) Perylene-d12	15.451	264	153701	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	553845	157.535	ng	0.02
7) Phenol-d6	6.428	99	729696	145.437	ng	0.00
23) Nitrobenzene-d5	7.351	82	484810	92.085	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	216065	138.758	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	877669	87.505	ng	0.00
79) Terphenyl-d14	12.921	244	1134106	75.251	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	64682	18.802	ng	# 78
25) Isophorone	7.351	82	484806	49.888	ng	# 67
50) Dimethylphthalate	9.828	163	26243	2.817	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	17857	8.990	ng	# 17
57) 2,4-Dinitrotoluene	9.828	165	17857	6.929	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.616	198	404	5.696	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	14790	4.799	ng	# 1
77) Benzidine	12.921	184	15103	4.117	ng	# 92

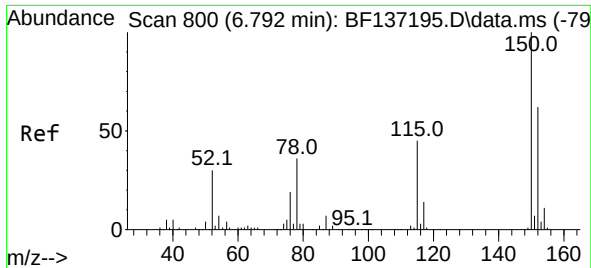
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

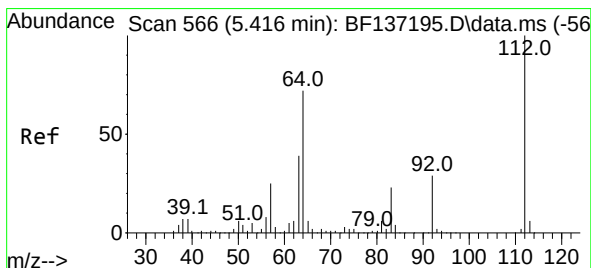
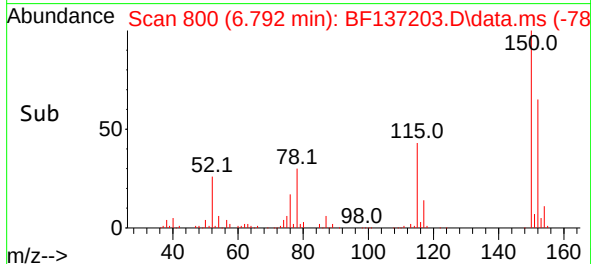
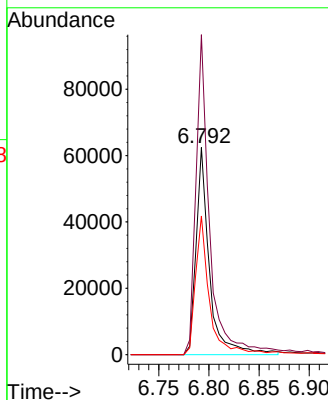
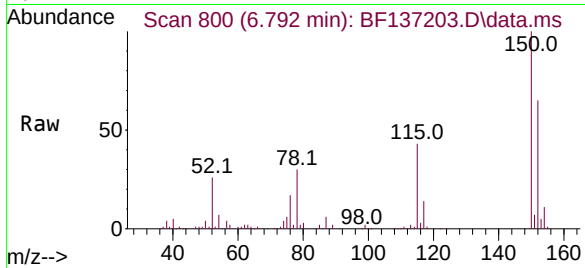




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137203.D
Acq: 31 Jan 2024 11:29

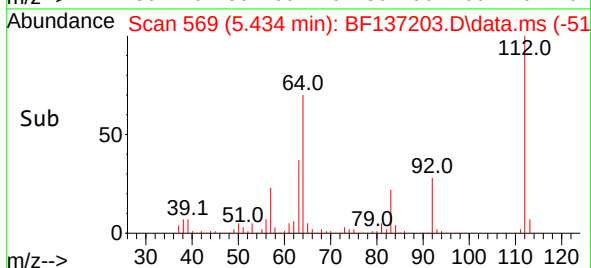
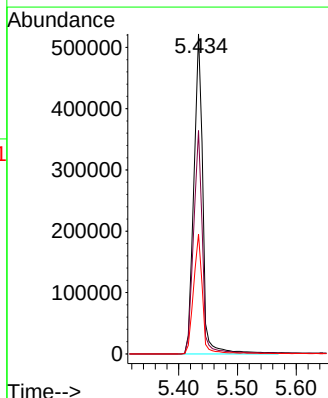
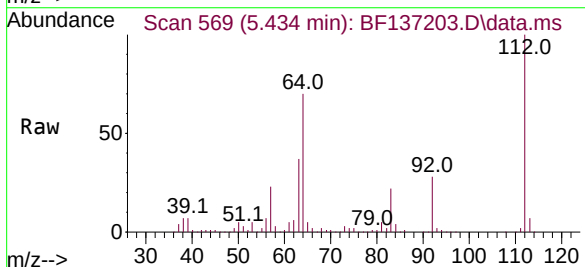
Instrument :
BNA_F
ClientSampleId :
PB158717BL

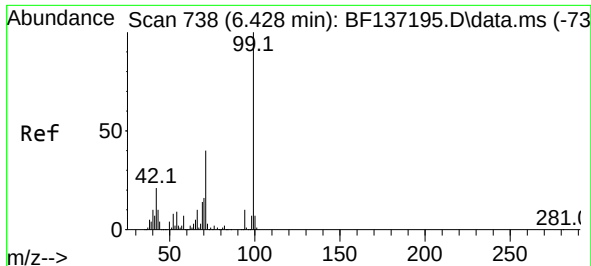
Tgt Ion:152 Resp: 58012
Ion Ratio Lower Upper
152 100
150 154.4 129.8 194.8
115 66.9 58.5 87.7



#5
2-Fluorophenol
Concen: 157.535 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF137203.D
Acq: 31 Jan 2024 11:29

Tgt Ion:112 Resp: 553845
Ion Ratio Lower Upper
112 100
64 69.8 57.8 86.6
63 37.5 31.4 47.0

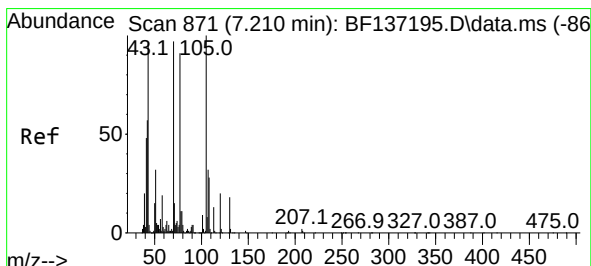
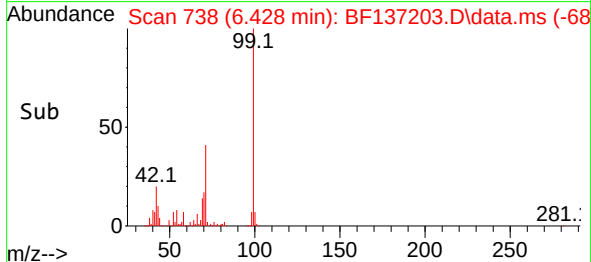
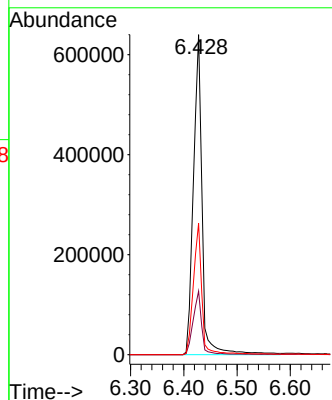
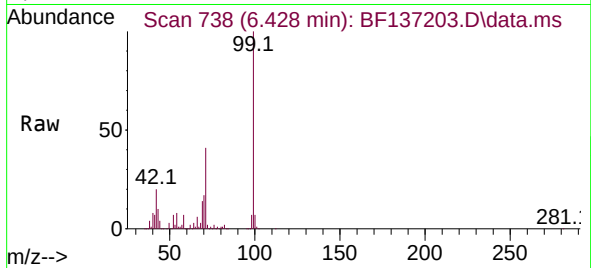




#7
Phenol-d6
Concen: 145.437 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137203.D
Acq: 31 Jan 2024 11:29

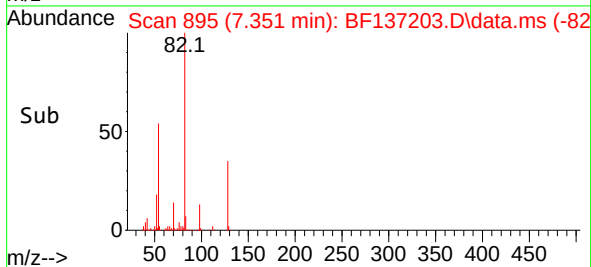
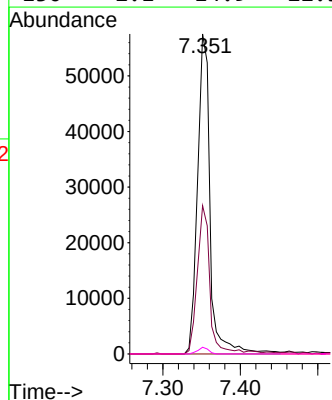
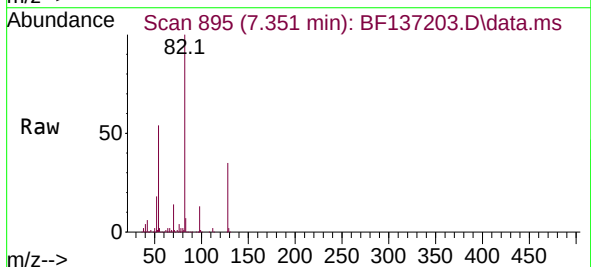
Instrument :
BNA_F
ClientSampleId :
PB158717BL

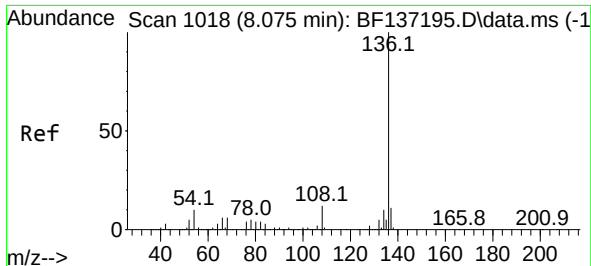
Tgt Ion: 99 Resp: 729696
Ion Ratio Lower Upper
99 100
42 19.8 16.4 24.6
71 41.0 32.4 48.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.802 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137203.D
Acq: 31 Jan 2024 11:29

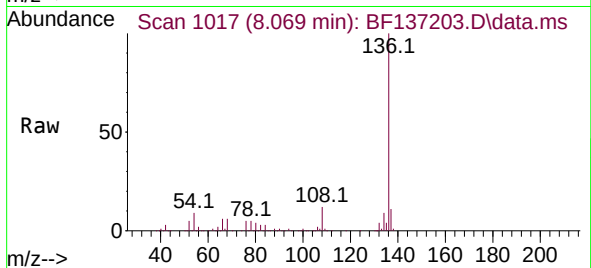
Tgt Ion: 70 Resp: 64682
Ion Ratio Lower Upper
70 100
42 46.3 47.2 70.8#
101 0.0 7.4 11.0#
130 2.1 14.9 22.3#





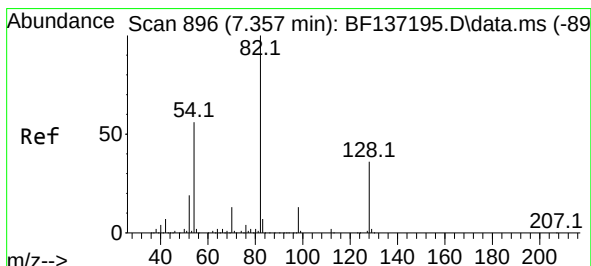
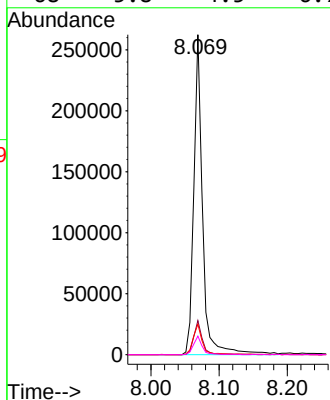
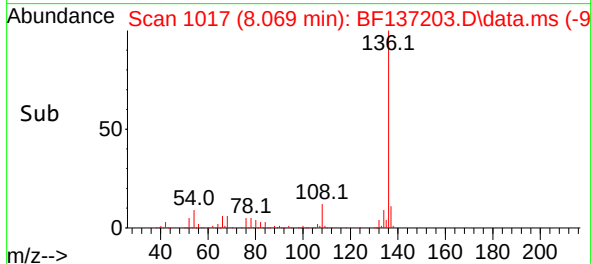
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF137203.D
Acq: 31 Jan 2024 11:29

Instrument :
BNA_F
ClientSampleId :
PB158717BL

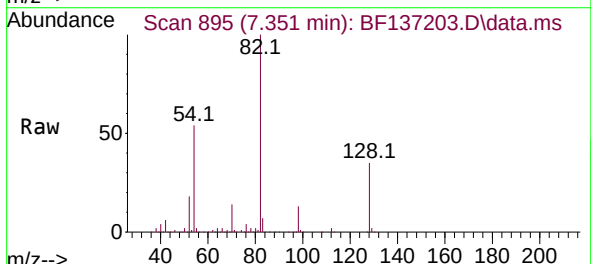


Tgt Ion:136 Resp: 235714

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.5	7.8	11.8
68	5.8	4.5	6.7

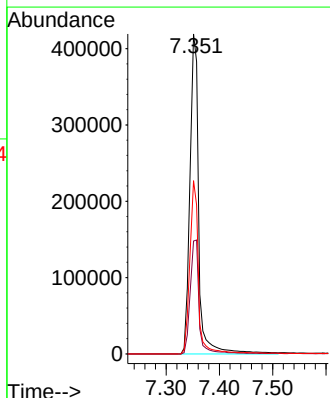
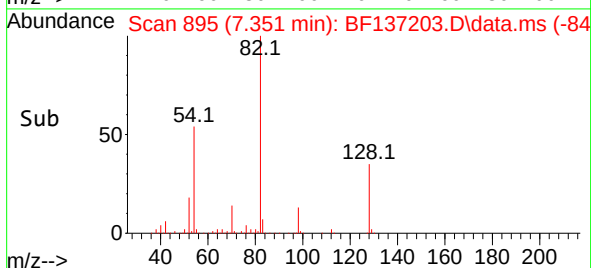


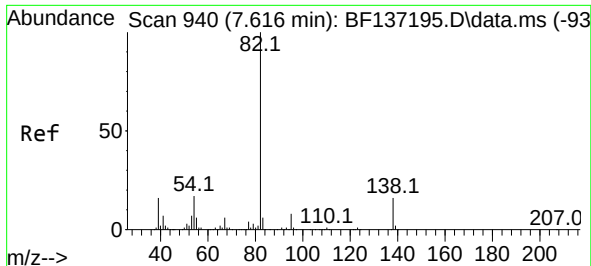
#23
Nitrobenzene-d5
Concen: 92.085 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137203.D
Acq: 31 Jan 2024 11:29



Tgt Ion: 82 Resp: 484810

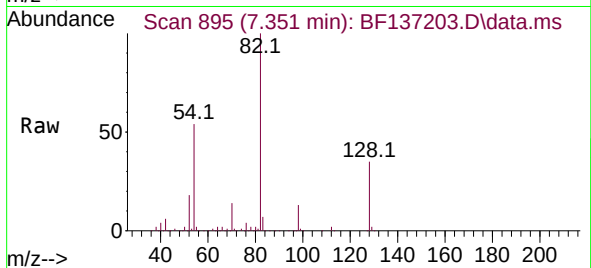
Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.1	43.7
54	54.2	45.0	67.6



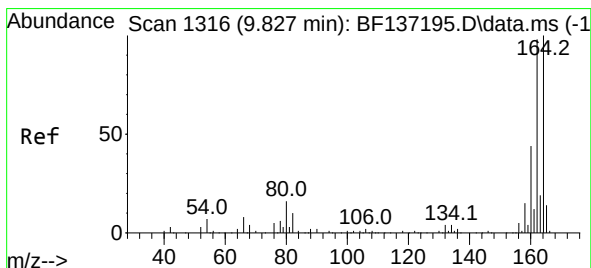
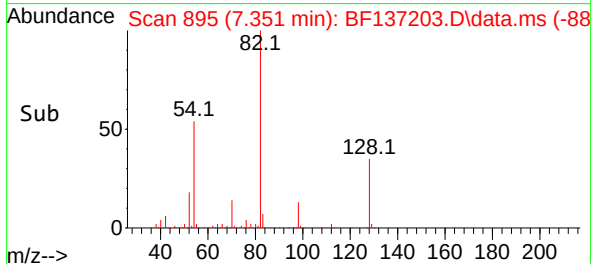
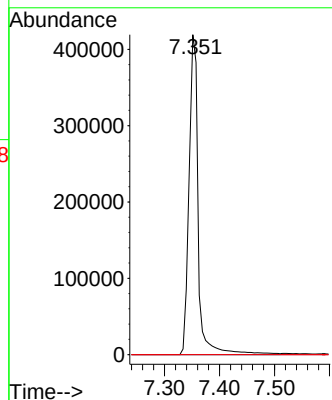


#25
Isophorone
Concen: 49.888 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137203.D
Acq: 31 Jan 2024 11:29

Instrument :
BNA_F
ClientSampleId :
PB158717BL

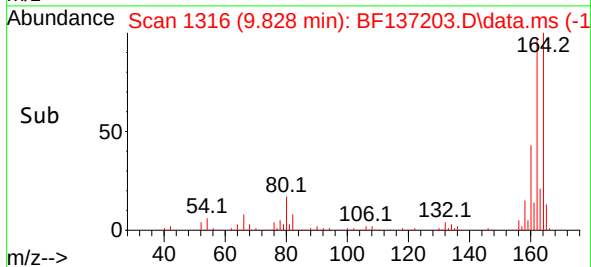
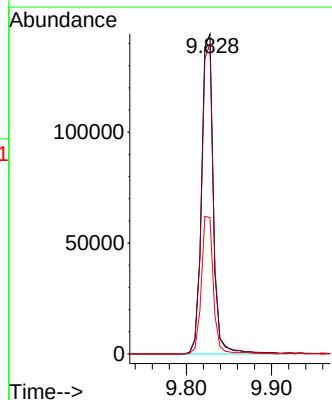
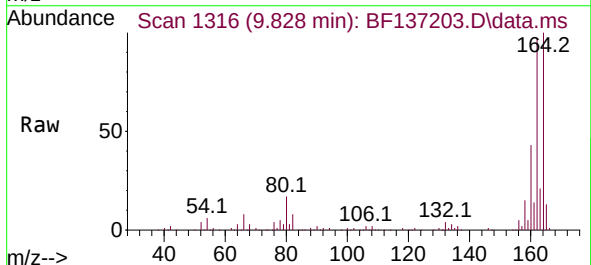


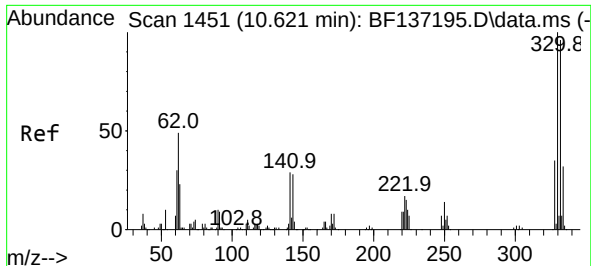
Tgt Ion: 82 Resp: 484806
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.001 min
Lab File: BF137203.D
Acq: 31 Jan 2024 11:29

Tgt Ion: 164 Resp: 137879
Ion Ratio Lower Upper
164 100
162 96.9 78.3 117.5
160 42.6 35.4 53.2

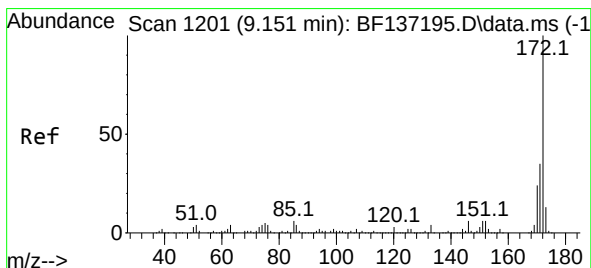
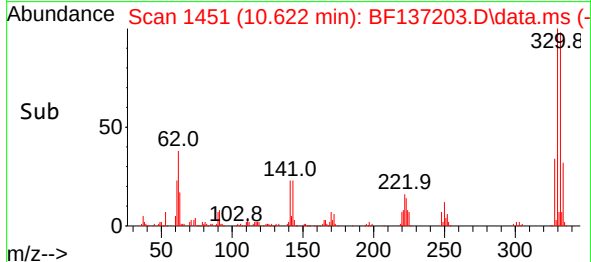
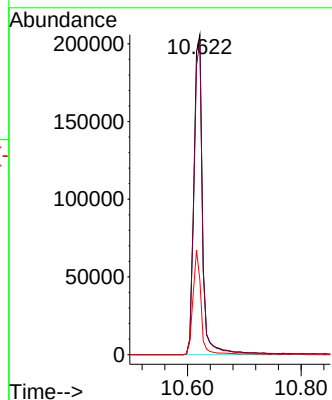
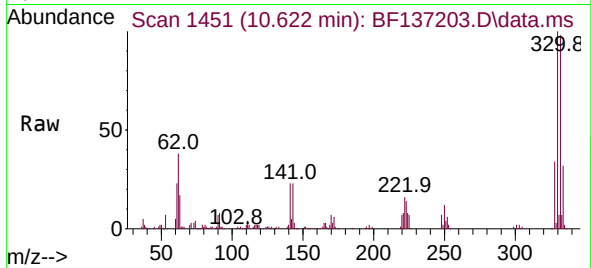




#42
2,4,6-Tribromophenol
Concen: 138.758 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137203.D
Acq: 31 Jan 2024 11:29

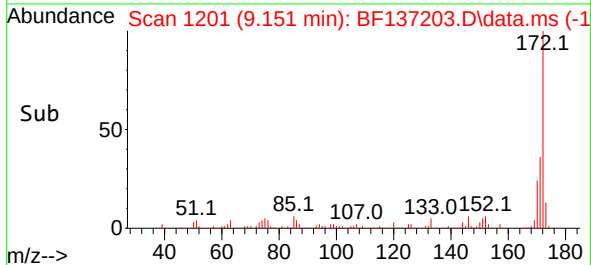
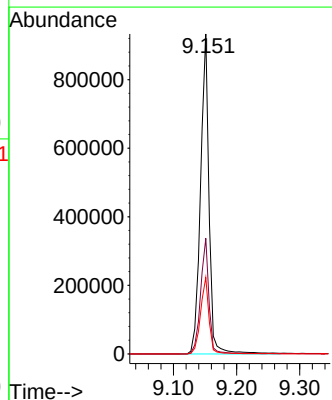
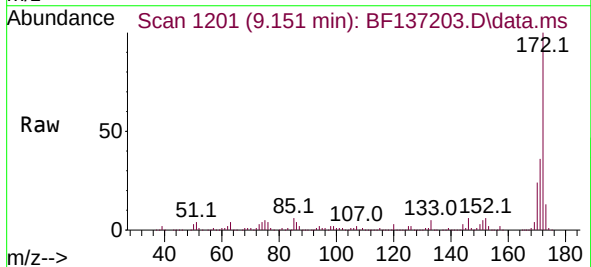
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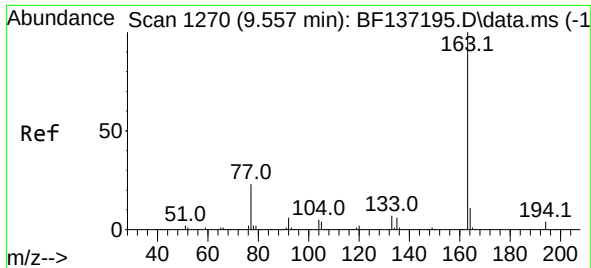
Tgt Ion:330 Resp: 216065
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 30.2 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 87.505 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF137203.D
Acq: 31 Jan 2024 11:29

Tgt Ion:172 Resp: 877669
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.9 19.1 28.7

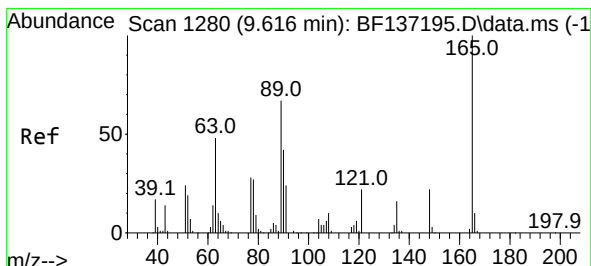
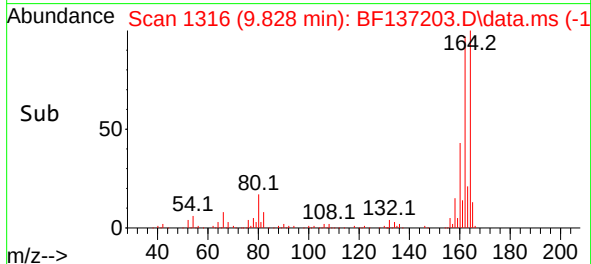
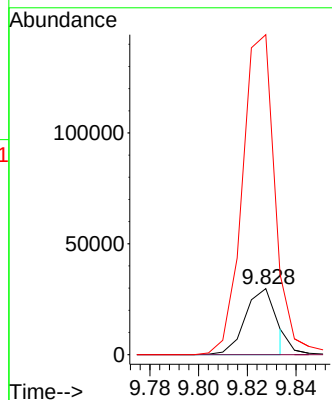
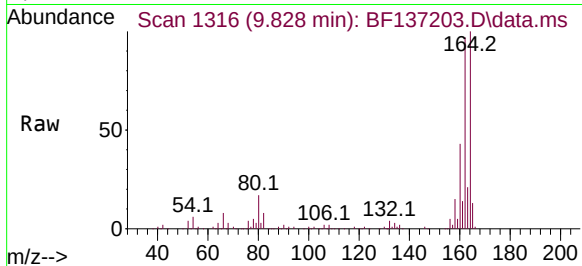




#50
Dimethylphthalate
Concen: 2.817 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.271 min
Lab File: BF137203.D
Acq: 31 Jan 2024 11:29

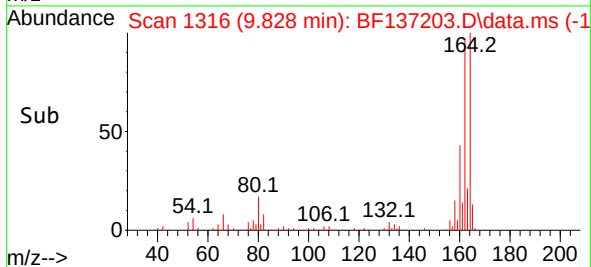
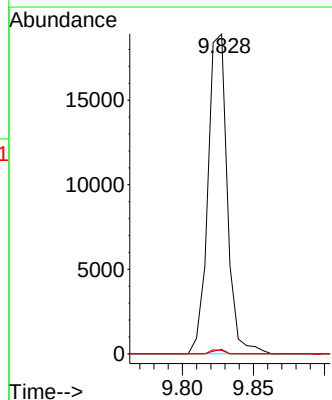
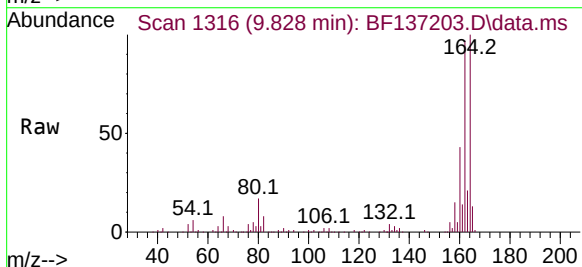
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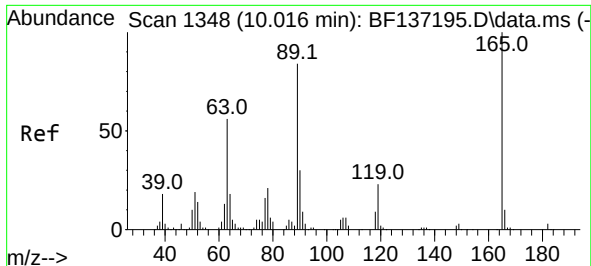
Tgt Ion:163 Resp: 26243
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 484.5 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 8.990 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF137203.D
Acq: 31 Jan 2024 11:29

Tgt Ion:165 Resp: 17857
Ion Ratio Lower Upper
165 100
63 1.4 55.1 82.7#
89 1.1 53.5 80.3#

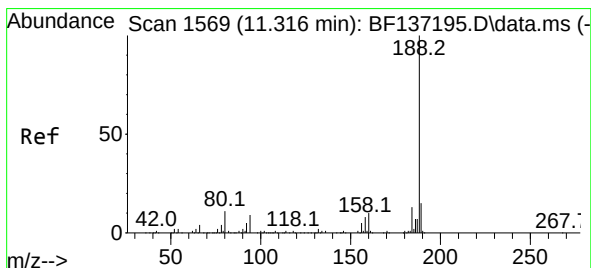
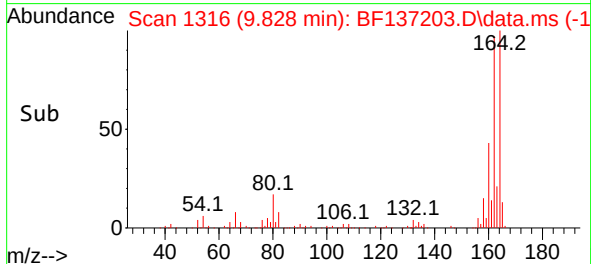
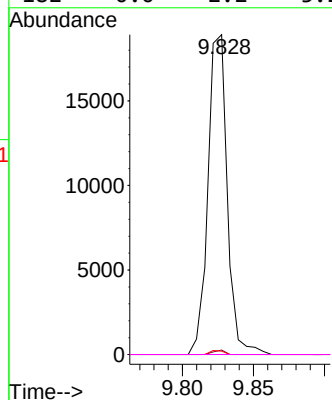
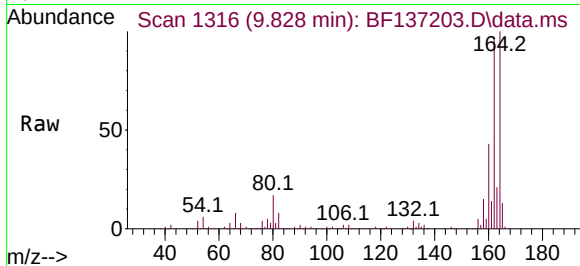




#57
2,4-Dinitrotoluene
Concen: 6.929 ng
RT: 9.828 min Scan# 1348
Delta R.T. -0.188 min
Lab File: BF137203.D
Acq: 31 Jan 2024 11:29

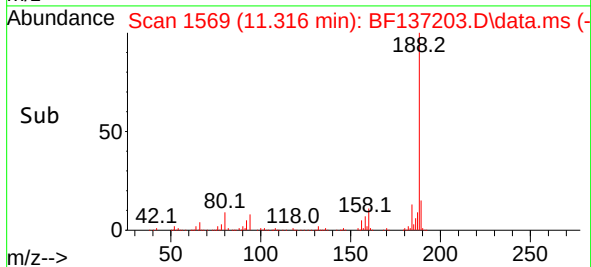
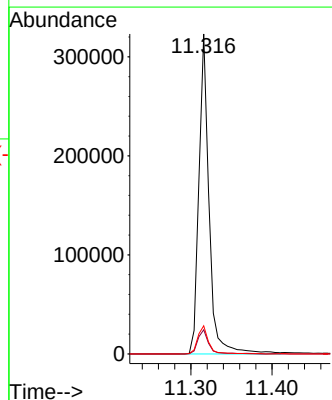
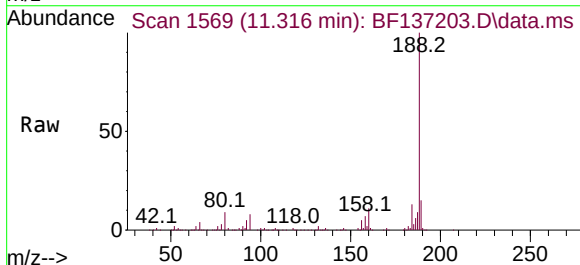
Instrument :
BNA_F
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PB158717BL

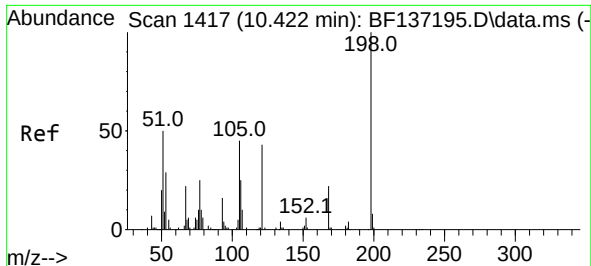
Tgt Ion:165 Resp: 17857
Ion Ratio Lower Upper
165 100
63 1.4 46.1 69.1#
89 1.1 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137203.D
Acq: 31 Jan 2024 11:29

Tgt Ion:188 Resp: 280297
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.4
80 8.8 8.8 13.2#





#65

4,6-Dinitro-2-methylphenol

Concen: 5.696 ng

RT: 10.616 min Scan# 1417

Delta R.T. 0.194 min

Lab File: BF137203.D

Acq: 31 Jan 2024 11:29

Instrument :

BNA_F

ClientSampleId :

PB158717BL

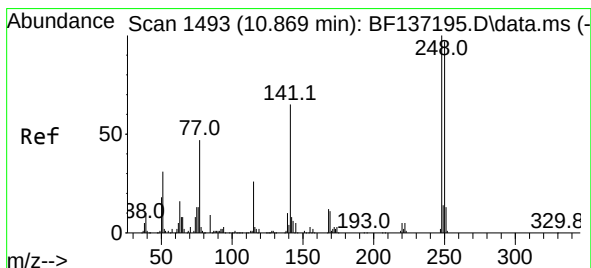
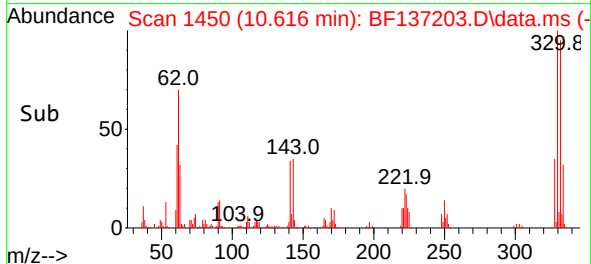
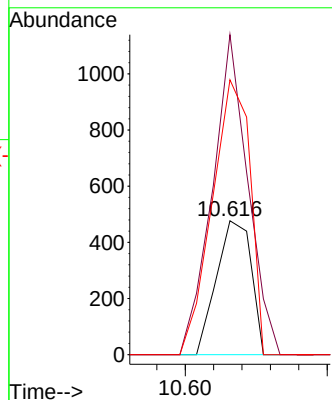
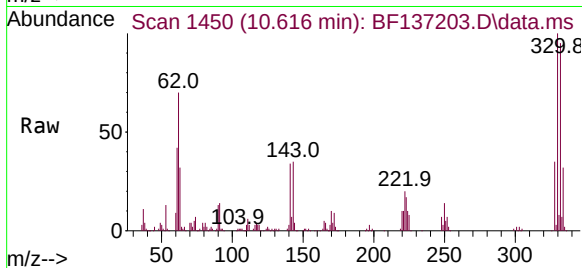
Tgt Ion:198 Resp: 404

Ion Ratio Lower Upper

198 100

51 239.0 40.9 80.9#

105 205.2 26.5 66.5#



#67

4-Bromophenyl-phenylether

Concen: 4.799 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF137203.D

Acq: 31 Jan 2024 11:29

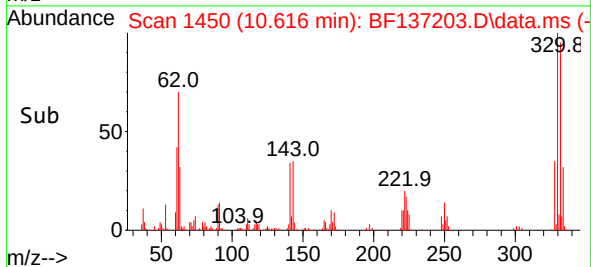
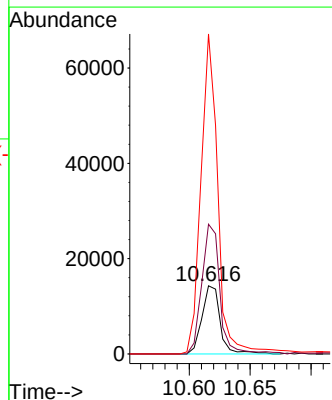
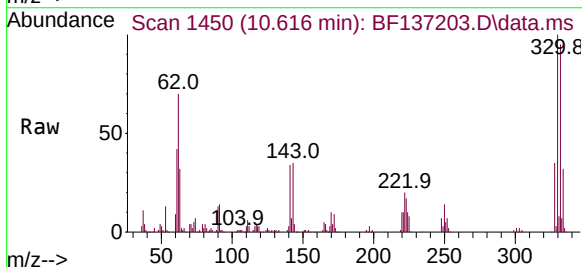
Tgt Ion:248 Resp: 14790

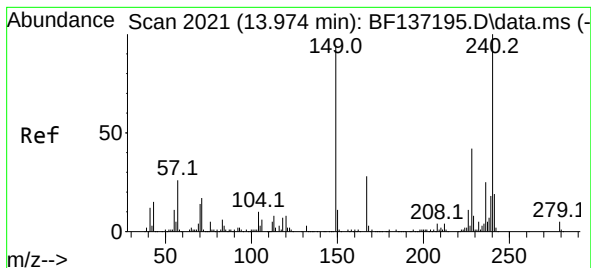
Ion Ratio Lower Upper

248 100

250 190.7 77.7 116.5#

141 470.5 51.6 77.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137203.D

Acq: 31 Jan 2024 11:29

Instrument :

BNA_F

ClientSampleId :

PB158717BL

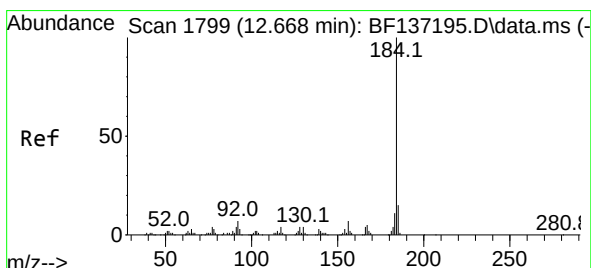
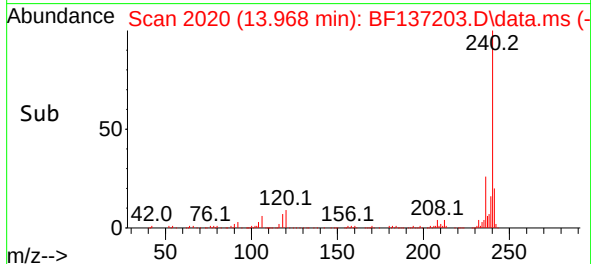
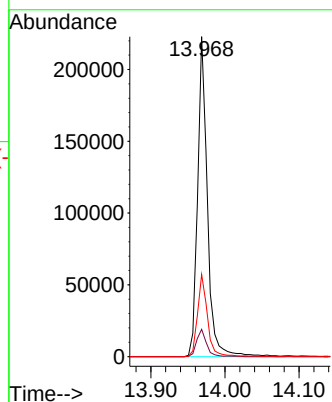
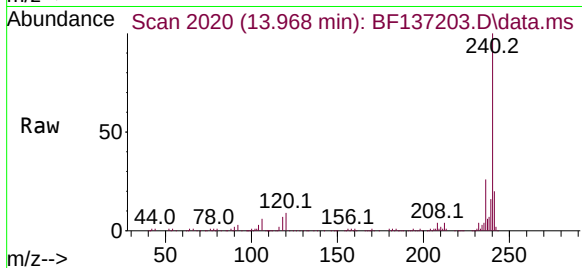
Tgt Ion:240 Resp: 204882

Ion Ratio Lower Upper

240 100

120 8.5 6.3 9.5

236 25.7 20.3 30.5



#77

Benzidine

Concen: 4.117 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.253 min

Lab File: BF137203.D

Acq: 31 Jan 2024 11:29

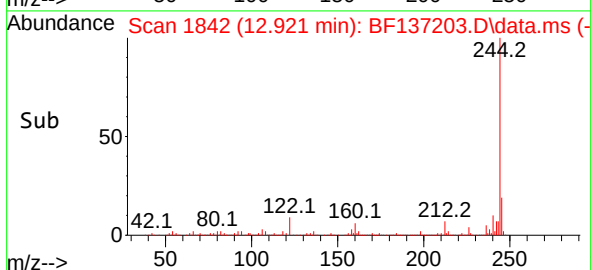
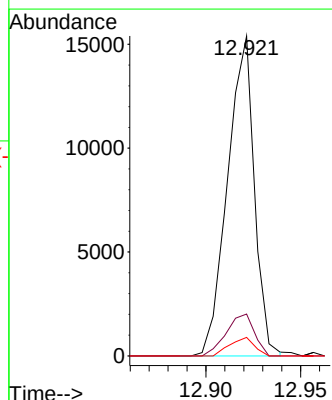
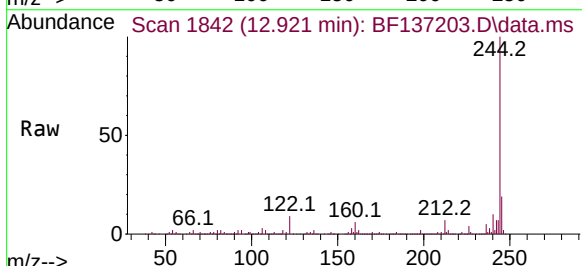
Tgt Ion:184 Resp: 15103

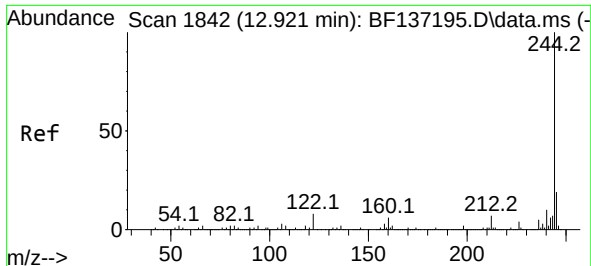
Ion Ratio Lower Upper

184 100

185 13.1 11.9 17.9

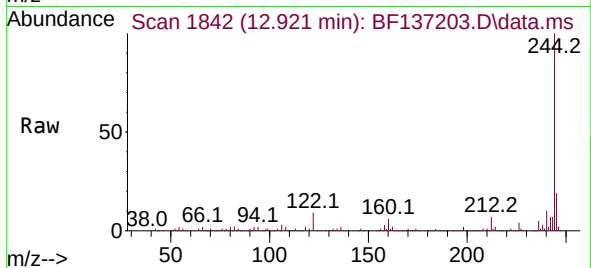
183 5.8 8.8 13.2#



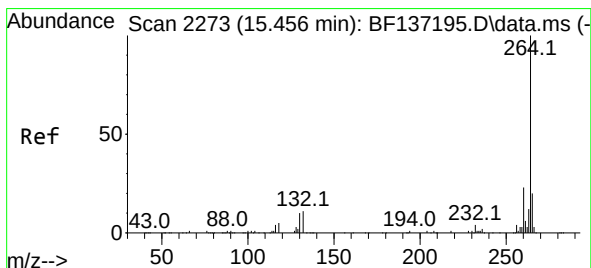
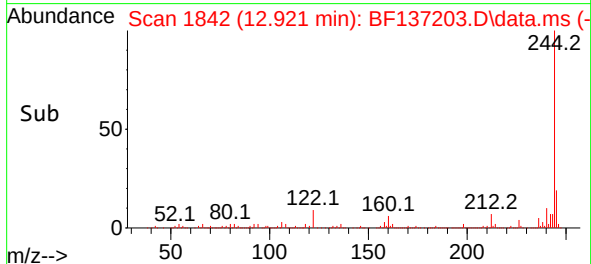
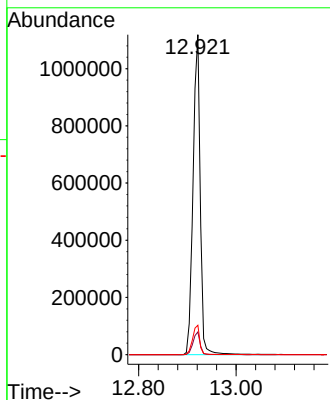


#79
 Terphenyl-d14
 Concen: 75.251 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF137203.D
 Acq: 31 Jan 2024 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB158717BL



Tgt Ion:244 Resp: 1134106
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 9.2 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF137203.D
 Acq: 31 Jan 2024 11:29

Tgt Ion:264 Resp: 153701
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.2 27.4
 265 20.8 16.2 24.2

