

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137249.D
 Acq On : 02 Feb 2024 10:43
 Operator : CG\JU
 Sample : PB158743TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158743TB

Quant Time: Feb 02 11:15:09 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)

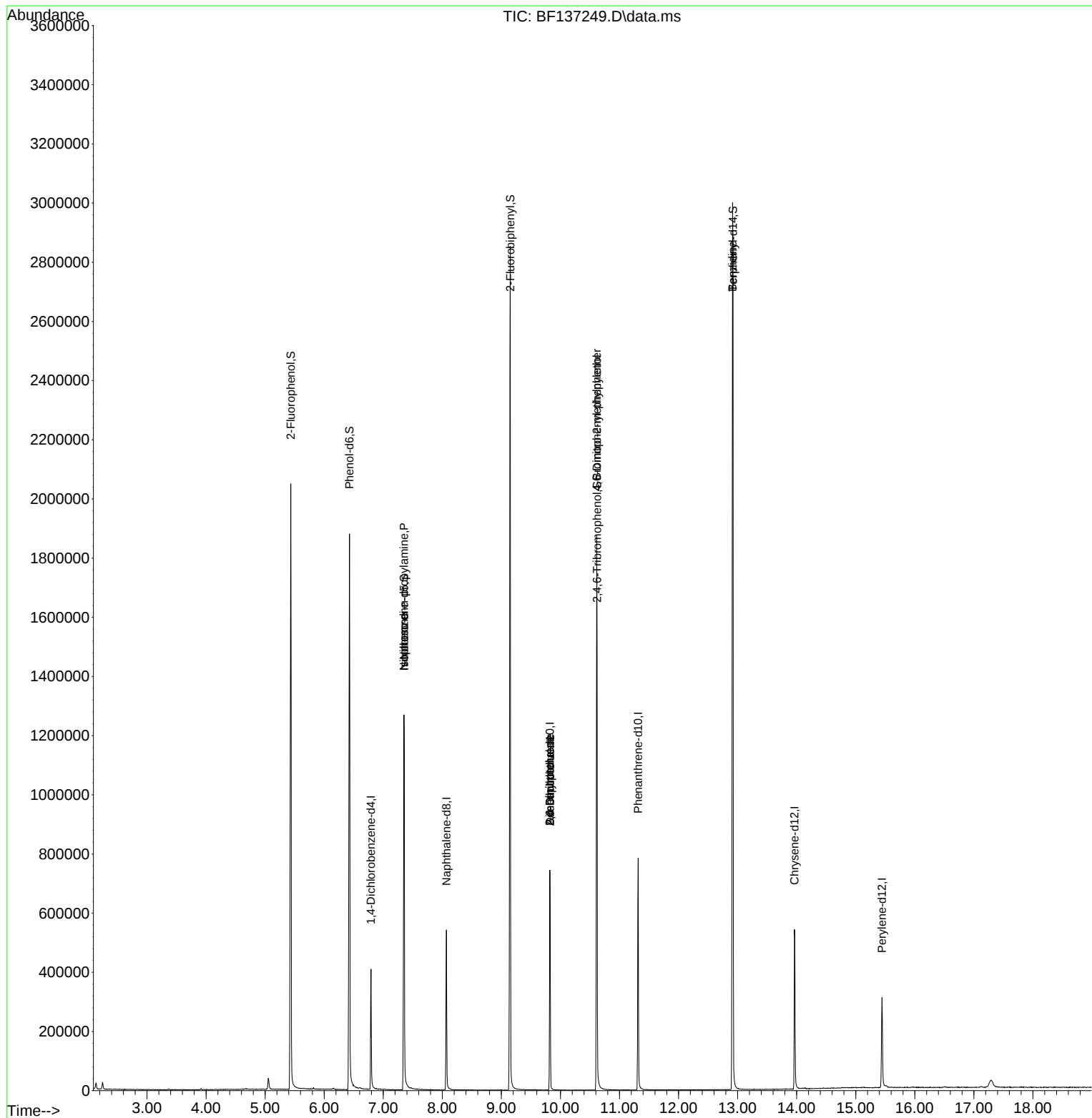
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	58742	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	237487	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	148857	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	305254	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	215828	20.000	ng	-0.01
86) Perylene-d12	15.445	264	158494	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	563255	158.220	ng	0.02
7) Phenol-d6	6.428	99	744305	146.505	ng	0.00
23) Nitrobenzene-d5	7.351	82	501799	94.600	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	248703	147.939	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	943845	87.162	ng	0.00
79) Terphenyl-d14	12.921	244	1275783	80.358	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	69530	19.961	ng	# 74
25) Isophorone	7.351	82	501794	51.251	ng	# 67
50) Dimethylphthalate	9.822	163	26032	2.589	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	19127	8.919	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	19127	6.874	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.616	198	509	5.734	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	16444	4.899	ng	# 1
77) Benzidine	12.916	184	15347	3.971	ng	# 93

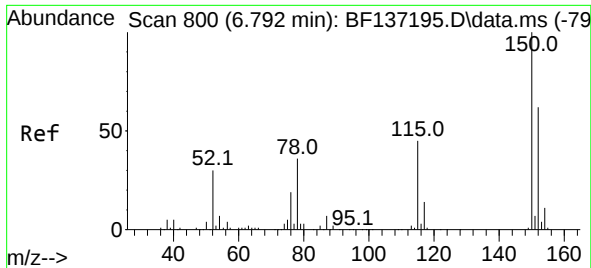
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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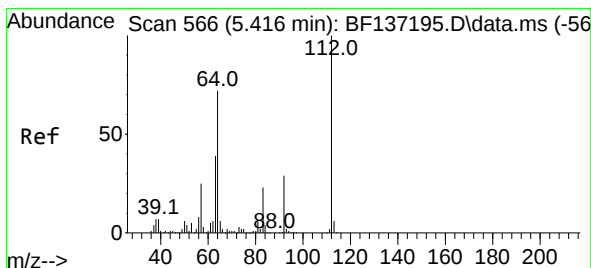
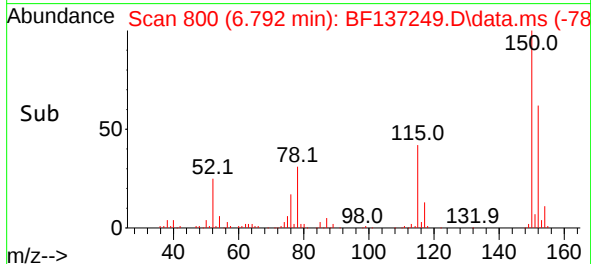
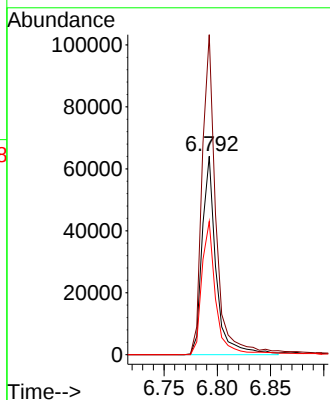
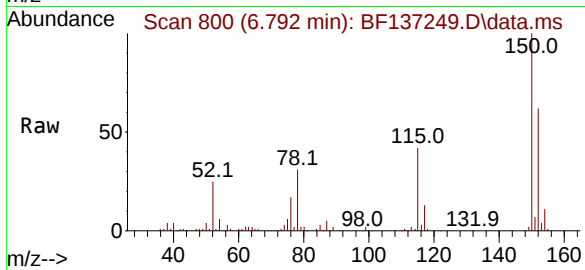




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

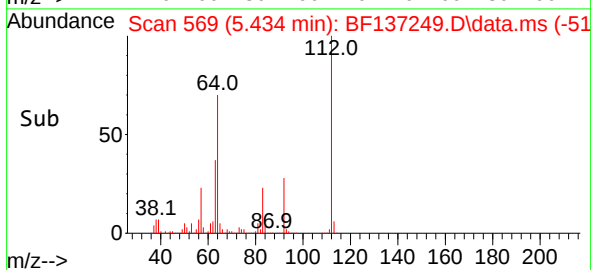
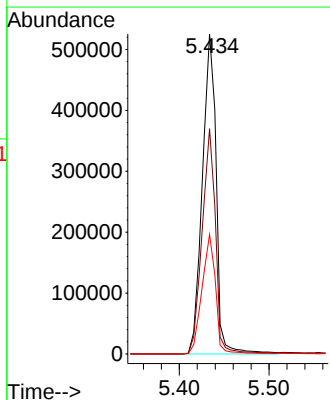
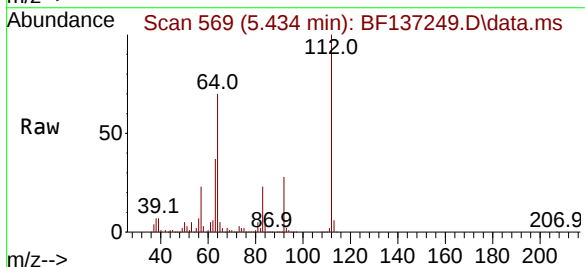
Instrument :
BNA_F
ClientSampleId :
PB158743TB

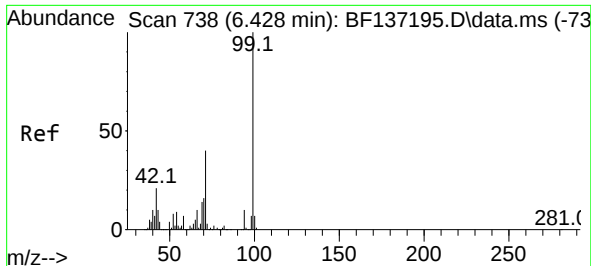
Tgt Ion:152 Resp: 58742
Ion Ratio Lower Upper
152 100
150 161.2 129.8 194.8
115 67.1 58.5 87.7



#5
2-Fluorophenol
Concen: 158.220 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

Tgt Ion:112 Resp: 563255
Ion Ratio Lower Upper
112 100
64 70.4 57.8 86.6
63 37.4 31.4 47.0

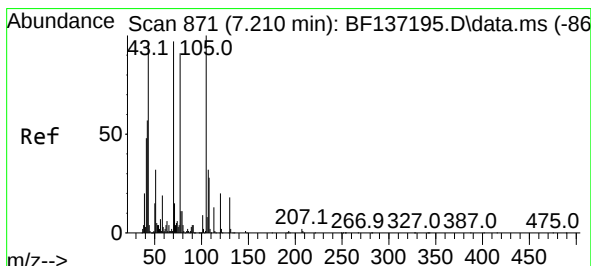
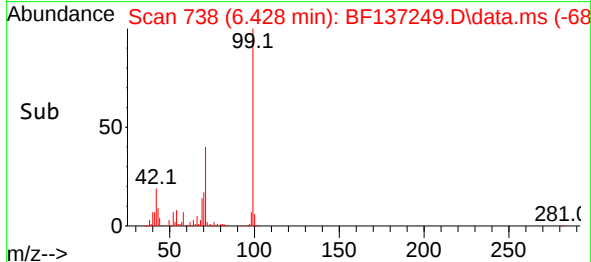
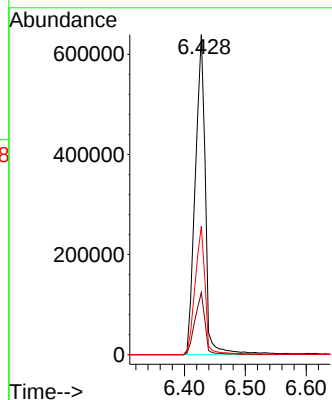
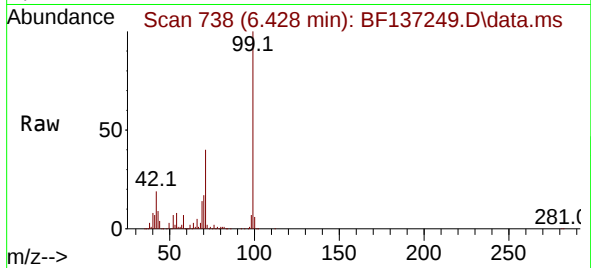




#7
Phenol-d6
Concen: 146.505 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

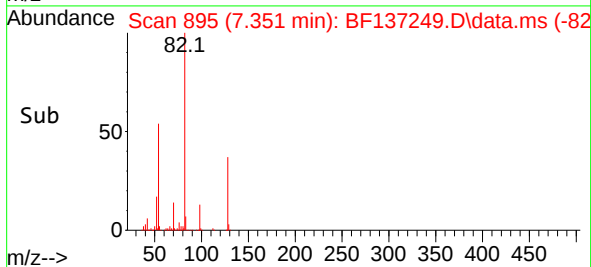
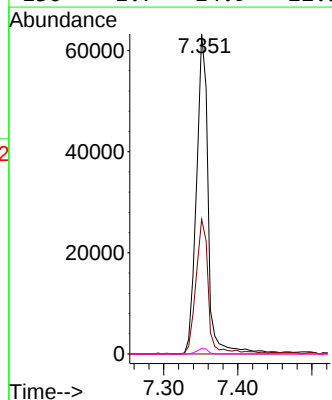
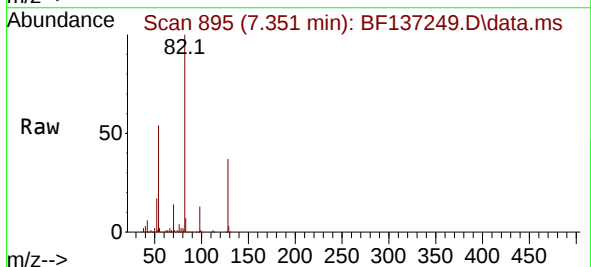
Instrument :
BNA_F
ClientSampleId :
PB158743TB

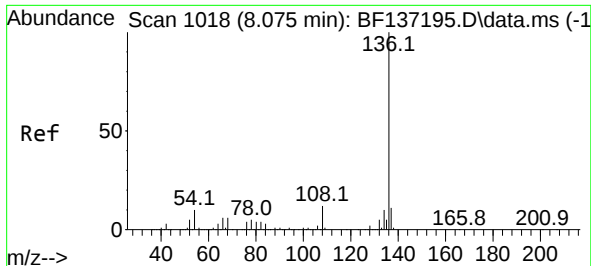
Tgt Ion: 99 Resp: 744305
Ion Ratio Lower Upper
99 100
42 19.4 16.4 24.6
71 40.1 32.4 48.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.961 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

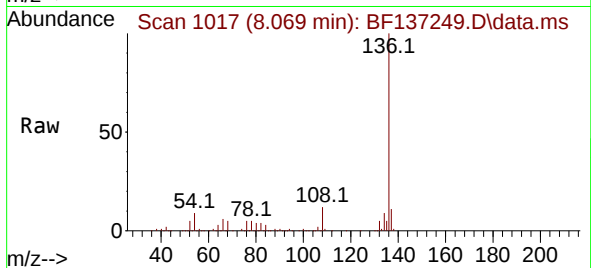
Tgt Ion: 70 Resp: 69530
Ion Ratio Lower Upper
70 100
42 42.1 47.2 70.8#
101 0.0 7.4 11.0#
130 1.7 14.9 22.3#



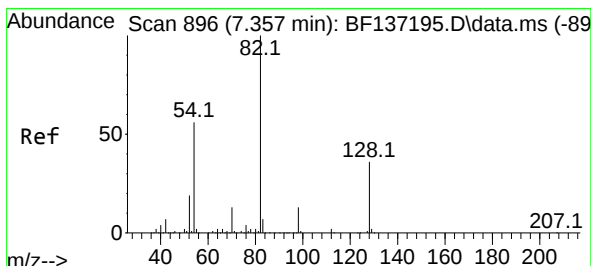
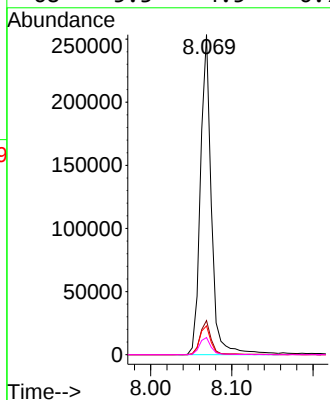
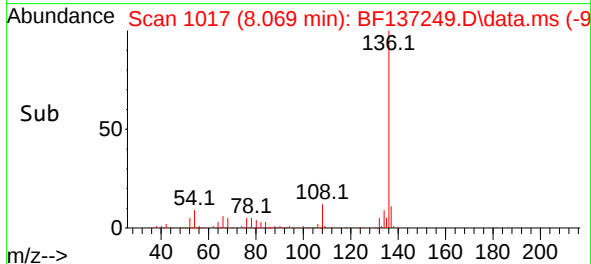


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

Instrument :
BNA_F
ClientSampleId :
PB158743TB

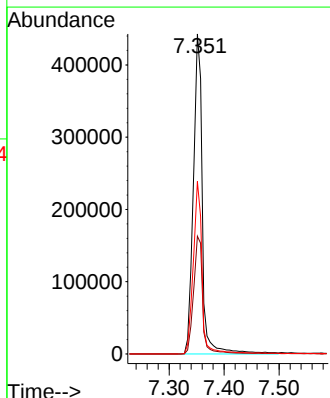
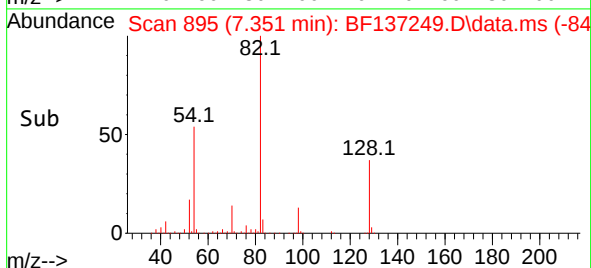
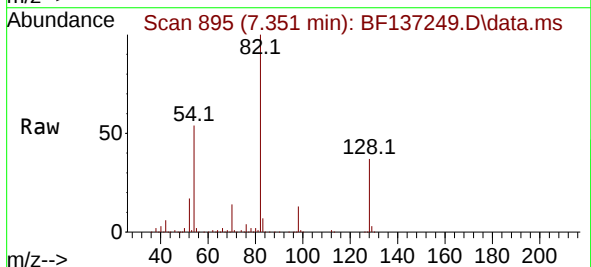


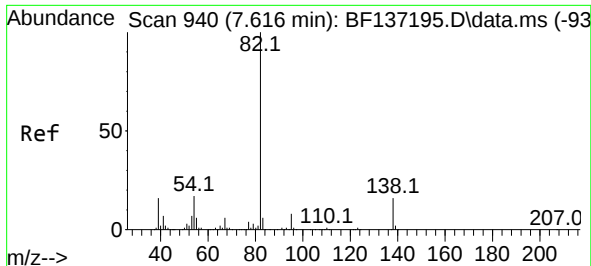
Tgt Ion:	136	Resp:	237487
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.0	7.8	11.8
68	5.3	4.5	6.7



#23
Nitrobenzene-d5
Concen: 94.600 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

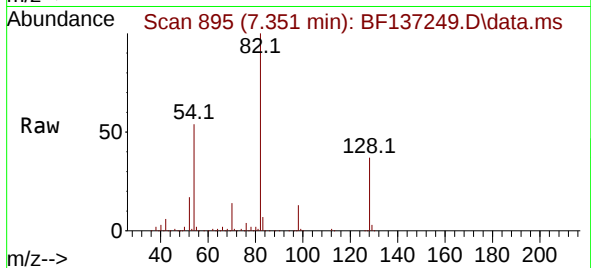
Tgt Ion:	82	Resp:	501799
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.1	43.7
54	53.9	45.0	67.6



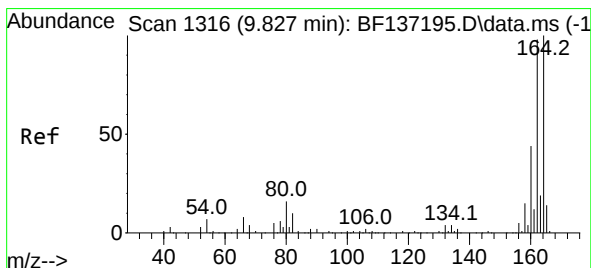
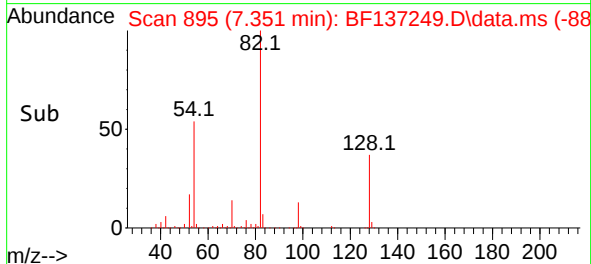
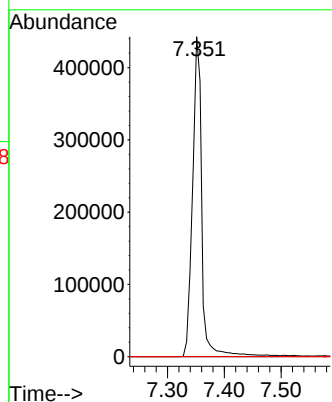


#25
Isophorone
Concen: 51.251 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

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ClientSampleId :
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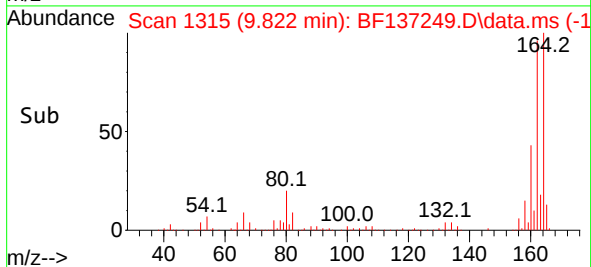
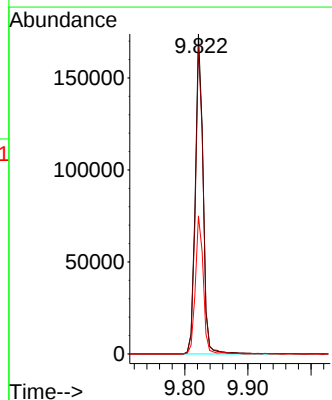
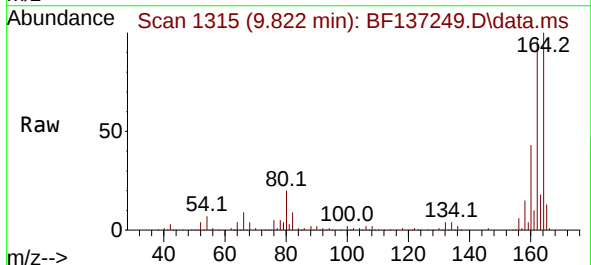


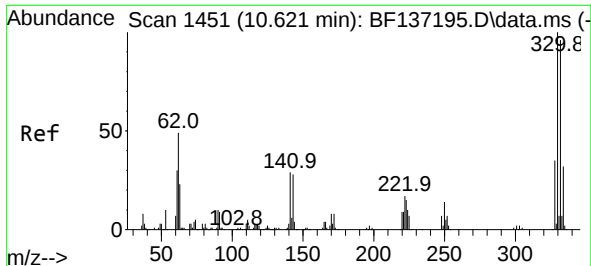
Tgt Ion: 82 Resp: 501794
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

Tgt Ion: 164 Resp: 148857
Ion Ratio Lower Upper
164 100
162 96.1 78.3 117.5
160 43.1 35.4 53.2

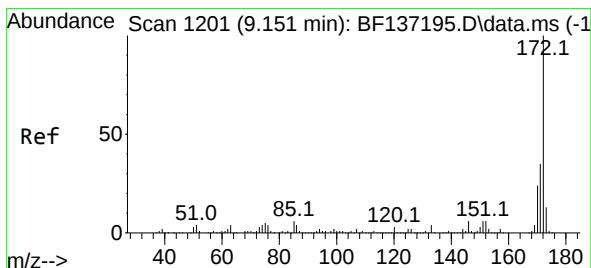
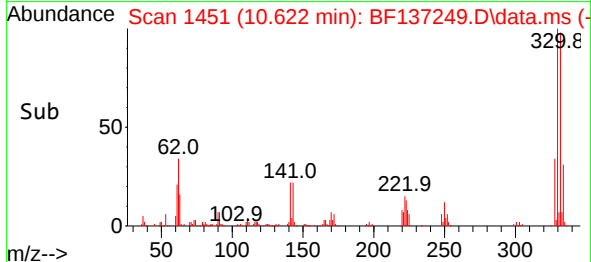
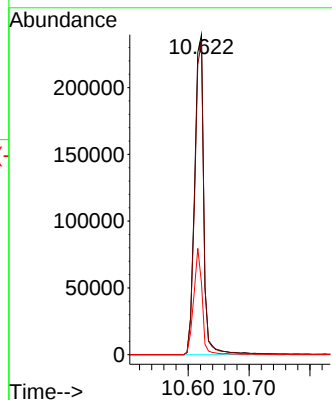
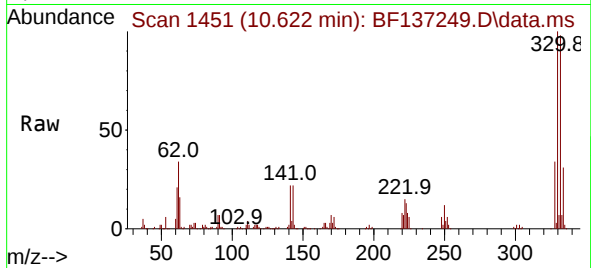




#42
2,4,6-Tribromophenol
Concen: 147.939 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

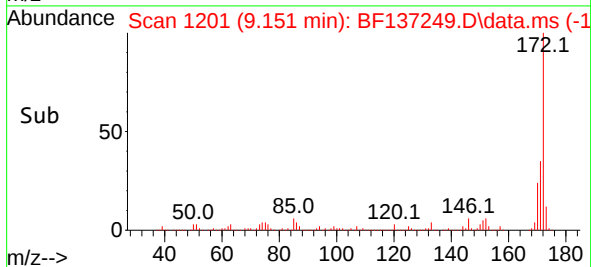
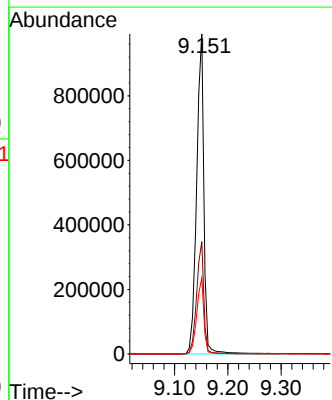
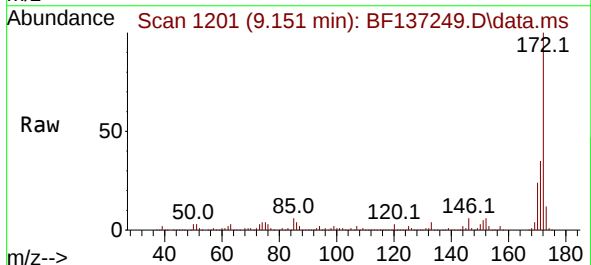
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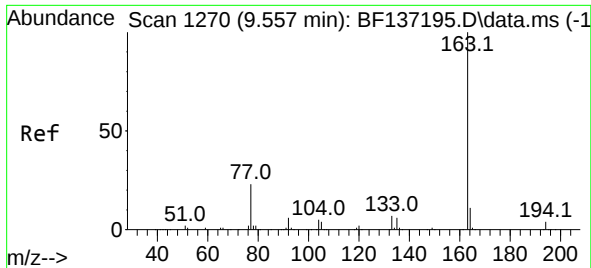
Tgt Ion:330 Resp: 248703
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 30.8 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 87.162 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

Tgt Ion:172 Resp: 943845
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.7 19.1 28.7

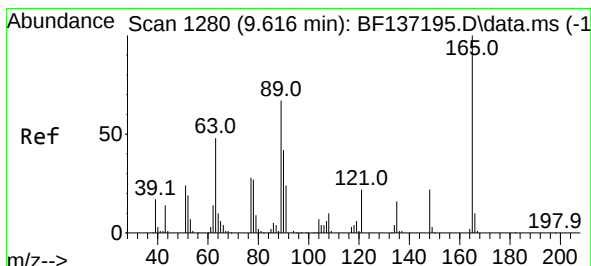
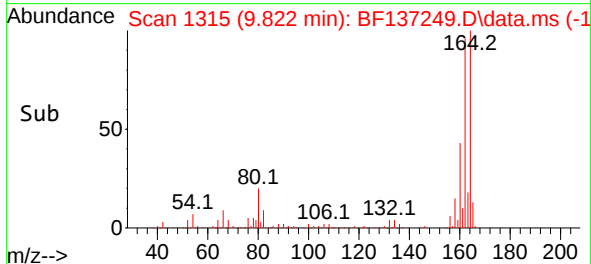
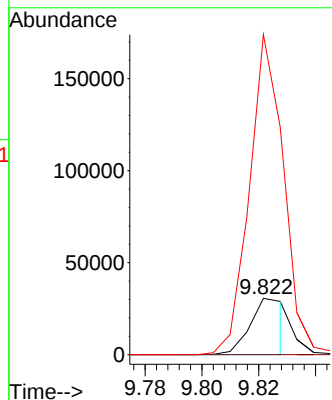
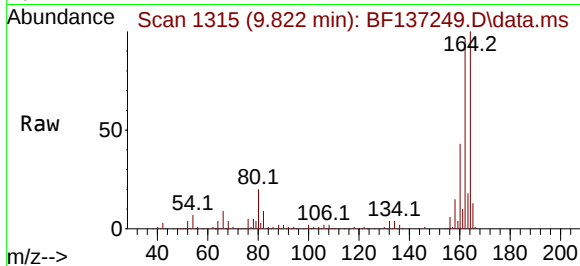




#50
Dimethylphthalate
Concen: 2.589 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

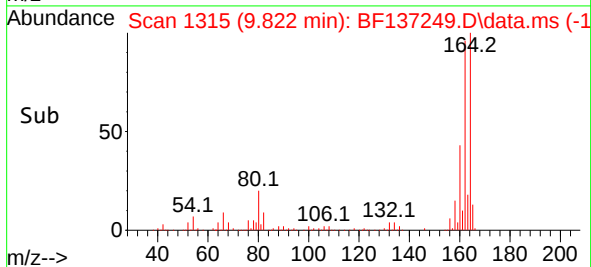
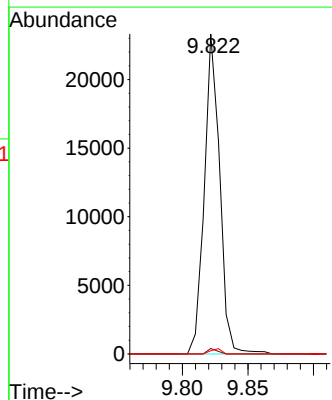
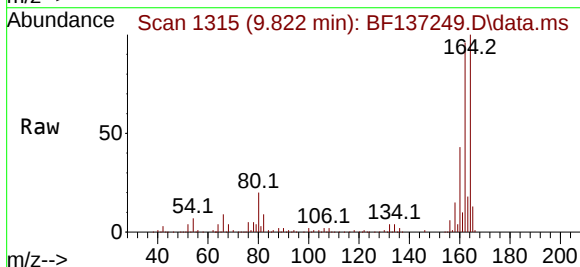
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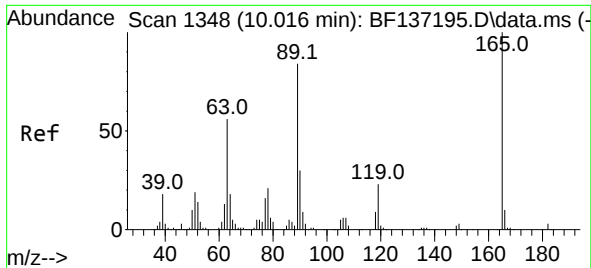
Tgt Ion:163 Resp: 26032
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 568.7 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 8.919 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

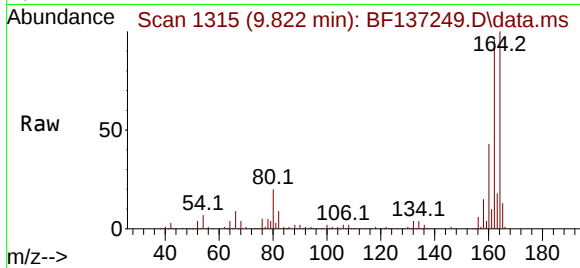
Tgt Ion:165 Resp: 19127
Ion Ratio Lower Upper
165 100
63 1.7 55.1 82.7#
89 1.0 53.5 80.3#



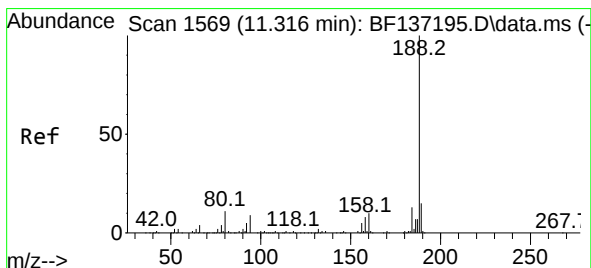
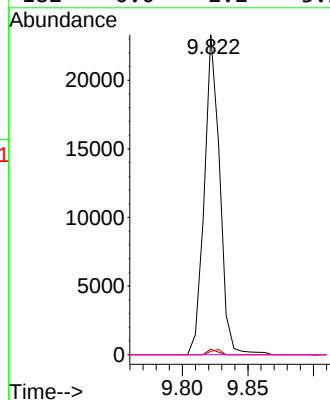
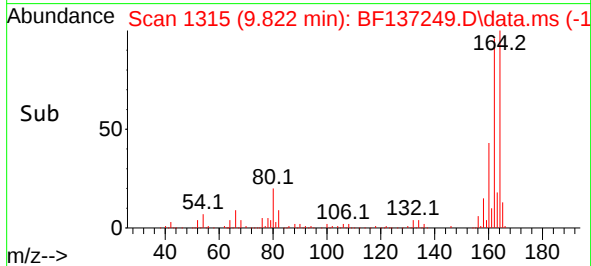


#57
2,4-Dinitrotoluene
Concen: 6.874 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

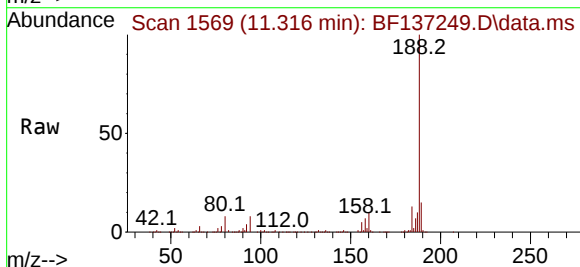
Instrument :
BNA_F
ClientSampleId :
PB158743TB



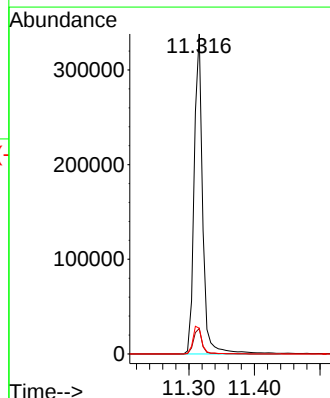
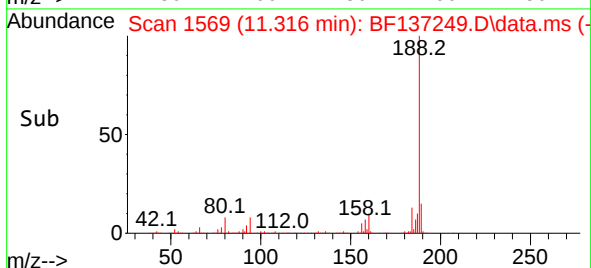
Tgt Ion:165 Resp: 19127
Ion Ratio Lower Upper
165 100
63 1.7 46.1 69.1#
89 1.0 67.5 101.3#
182 0.0 2.2 3.2#

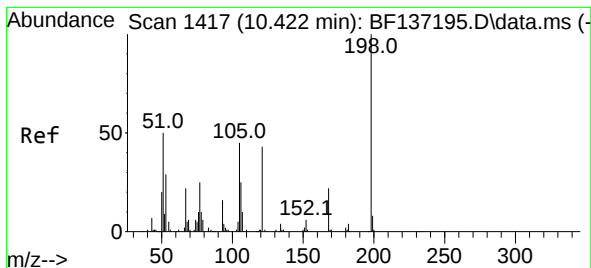


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43



Tgt Ion:188 Resp: 305254
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 8.0 8.8 13.2#

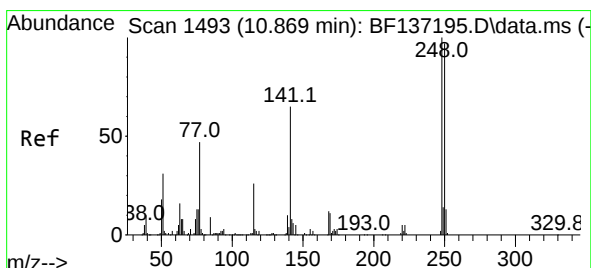
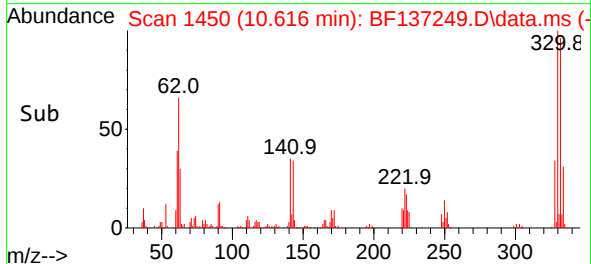
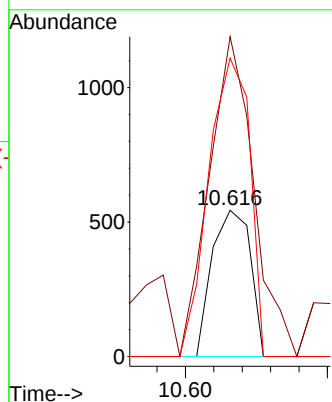
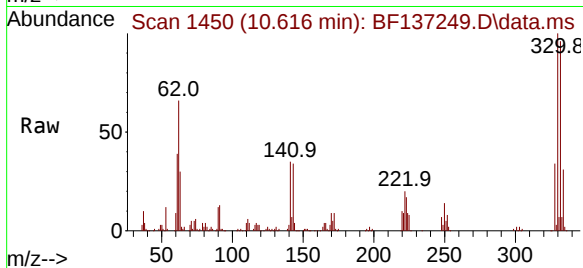




#65
4,6-Dinitro-2-methylphenol
Concen: 5.734 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.194 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

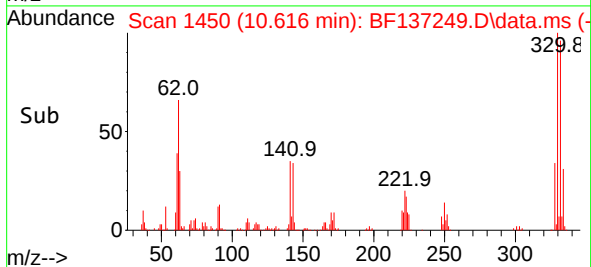
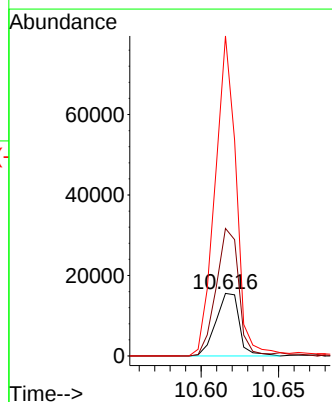
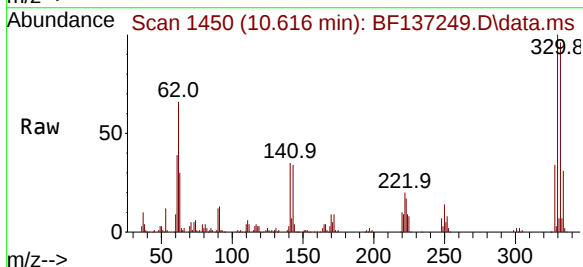
Instrument :
BNA_F
ClientSampleId :
PB158743TB

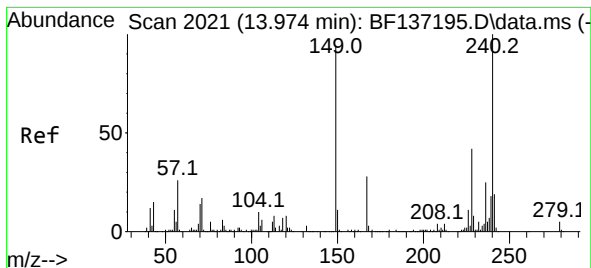
Tgt Ion:198 Resp: 509
Ion Ratio Lower Upper
198 100
51 218.6 40.9 80.9#
105 203.9 26.5 66.5#



#67
4-Bromophenyl-phenylether
Concen: 4.899 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

Tgt Ion:248 Resp: 16444
Ion Ratio Lower Upper
248 100
250 203.9 77.7 116.5#
141 511.9 51.6 77.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF137249.D

Acq: 02 Feb 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB158743TB

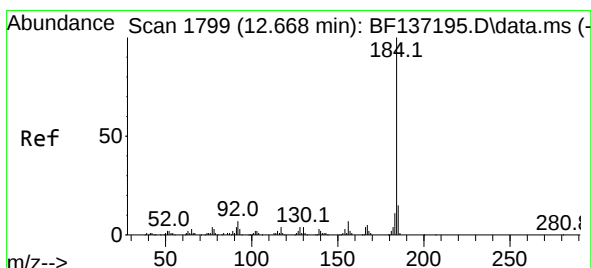
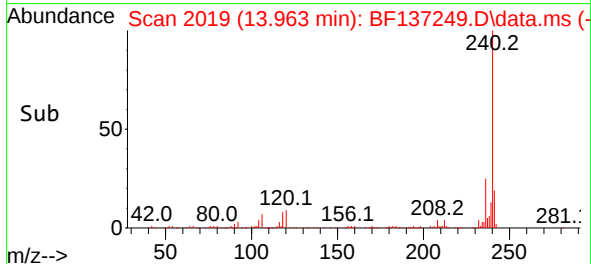
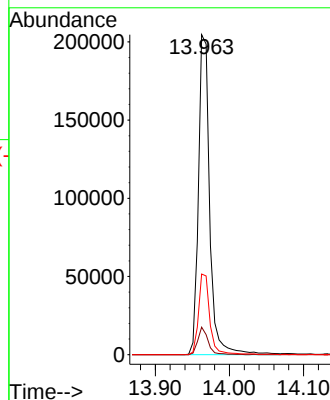
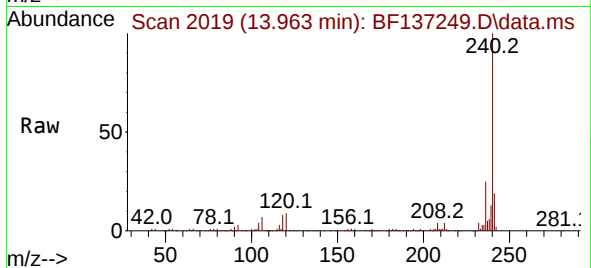
Tgt Ion:240 Resp: 215828

Ion Ratio Lower Upper

240 100

120 8.6 6.3 9.5

236 25.2 20.3 30.5



#77

Benidine

Concen: 3.971 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.248 min

Lab File: BF137249.D

Acq: 02 Feb 2024 10:43

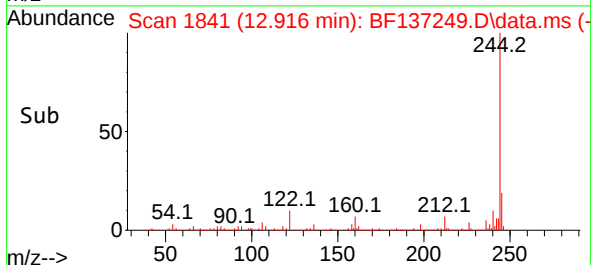
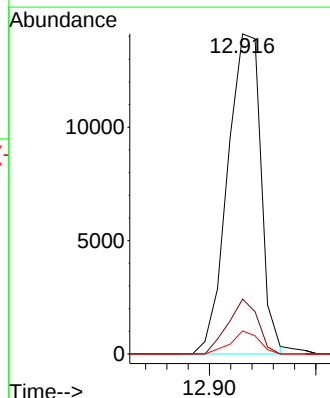
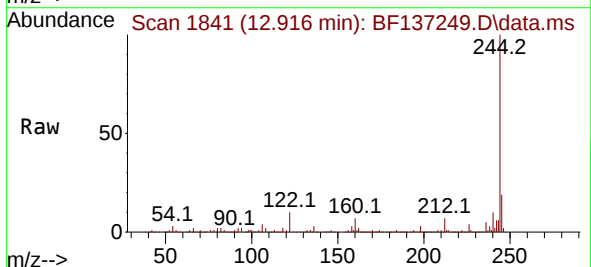
Tgt Ion:184 Resp: 15347

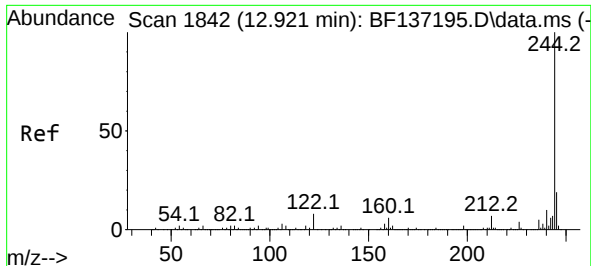
Ion Ratio Lower Upper

184 100

185 17.1 11.9 17.9

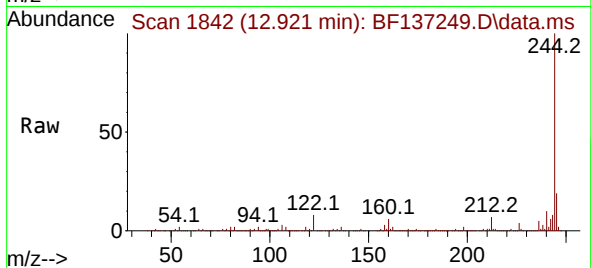
183 7.2 8.8 13.2#



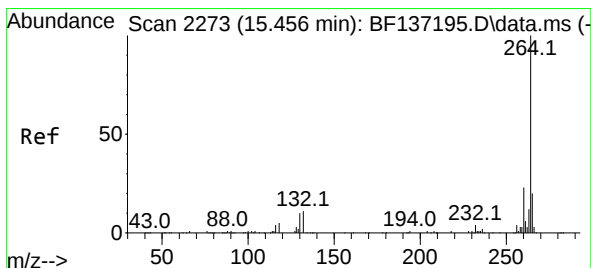
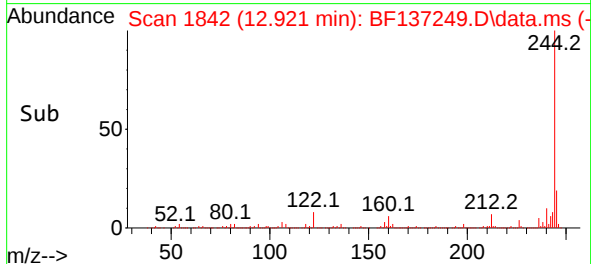
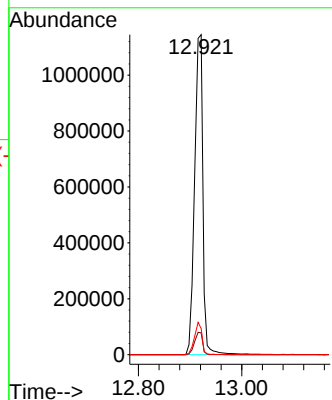


#79
Terphenyl-d14
Concen: 80.358 ng
RT: 12.921 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

Instrument :
BNA_F
ClientSampleId :
PB158743TB



Tgt Ion:244 Resp: 1275783
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 8.1 6.2 9.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF137249.D
Acq: 02 Feb 2024 10:43

Tgt Ion:264 Resp: 158494
Ion Ratio Lower Upper
264 100
260 21.6 18.2 27.4
265 21.3 16.2 24.2

