

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
 Data File : BF137279.D
 Acq On : 05 Feb 2024 16:53
 Operator : CG\JU
 Sample : P1141-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 17:13:56 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)

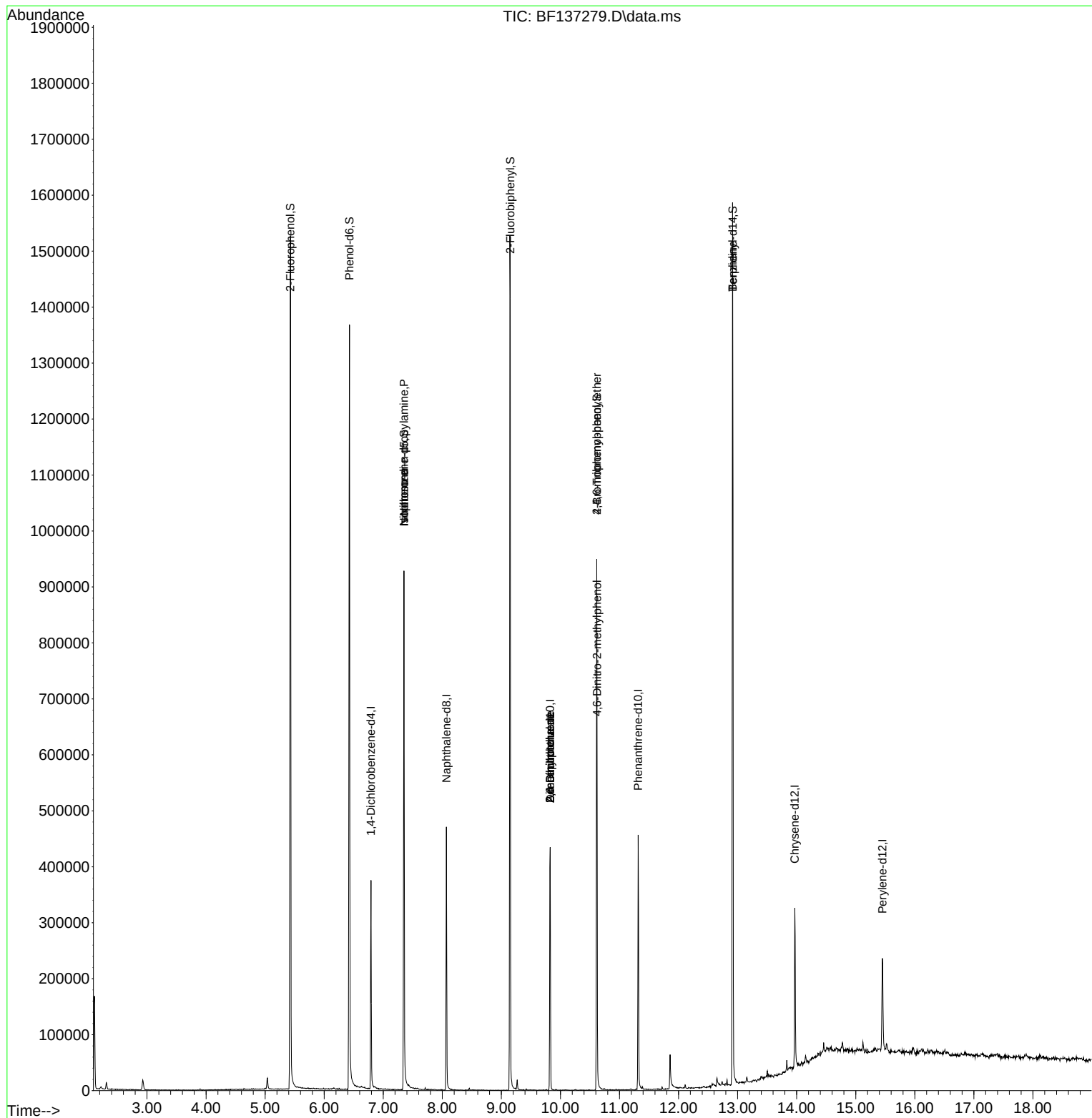
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	50423	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	182910	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	90183	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	170737	20.000	ng	0.00
76) Chrysene-d12	13.968	240	107353	20.000	ng	0.00
86) Perylene-d12	15.451	264	89608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	379558	124.209	ng	0.01
7) Phenol-d6	6.428	99	463958	106.390	ng	0.00
23) Nitrobenzene-d5	7.351	82	294713	72.138	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	104789	102.887	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	481973	73.468	ng	0.00
79) Terphenyl-d14	12.916	244	557593	70.610	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	39482	13.204	ng	# 78
25) Isophorone	7.351	82	294710	39.082	ng	# 67
50) Dimethylphthalate	9.827	163	16683	2.738	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	11898	9.158	ng	# 17
57) 2,4-Dinitrotoluene	9.827	165	11898	7.058	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.622	198	196	5.647	ng	# 71
67) 4-Bromophenyl-phenylether	10.616	248	7506	3.998	ng	# 1
77) Benzidine	12.916	184	6533	3.399	ng	# 88

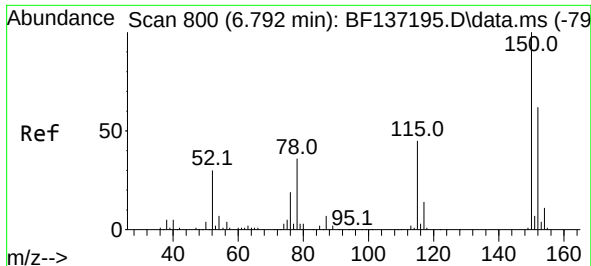
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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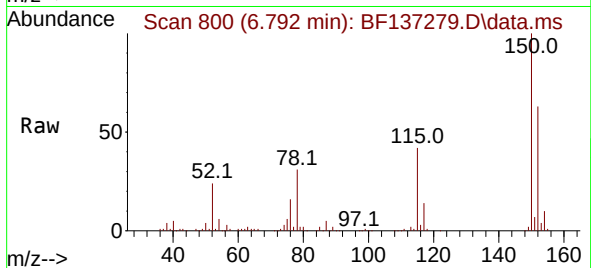
Quant Time: Feb 05 17:13:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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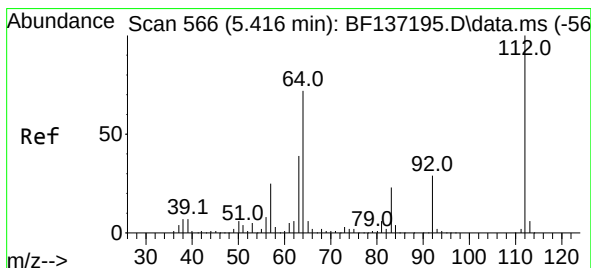
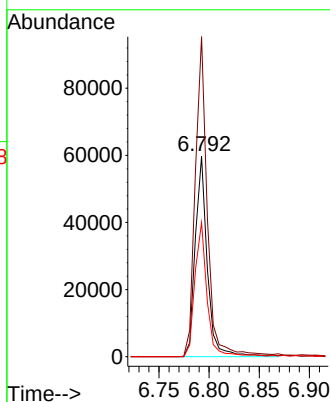
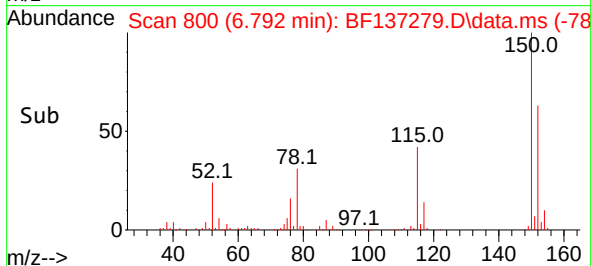


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137279.D
Acq: 05 Feb 2024 16:53

Instrument :
BNA_F
ClientSampleId :

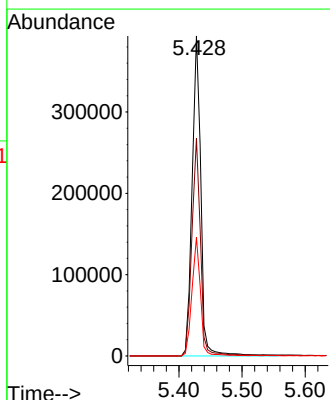
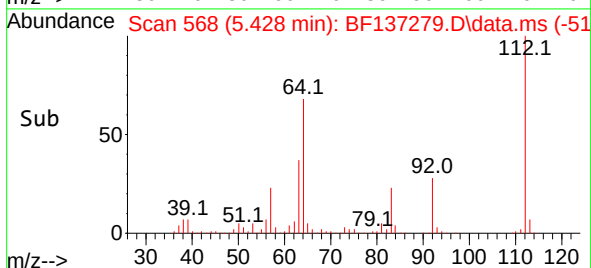
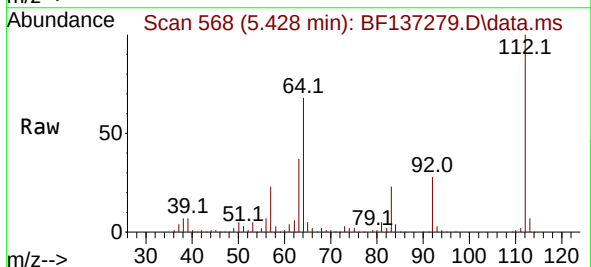


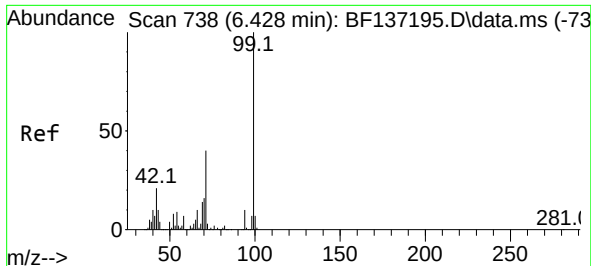
Tgt Ion:152 Resp: 50423
Ion Ratio Lower Upper
152 100
150 159.7 129.8 194.8
115 66.9 58.5 87.7



#5
2-Fluorophenol
Concen: 124.209 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF137279.D
Acq: 05 Feb 2024 16:53

Tgt Ion:112 Resp: 379558
Ion Ratio Lower Upper
112 100
64 68.0 57.8 86.6
63 37.1 31.4 47.0

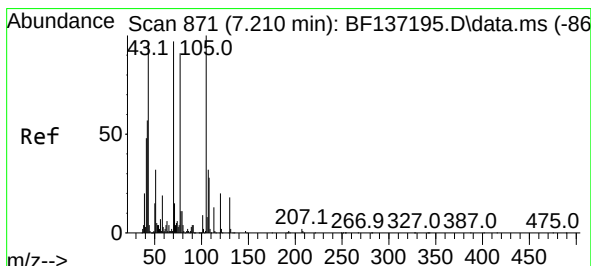
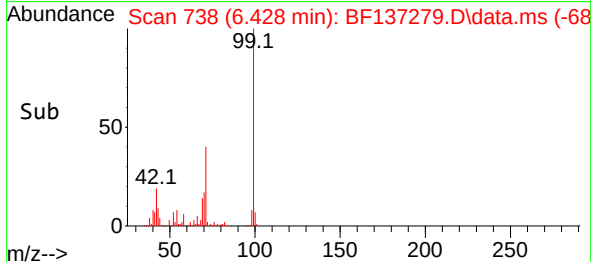
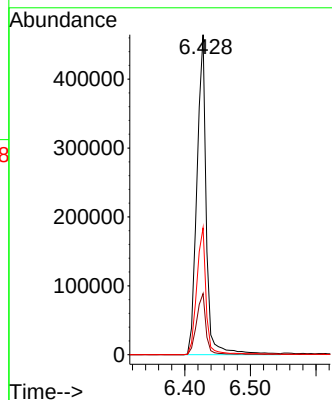
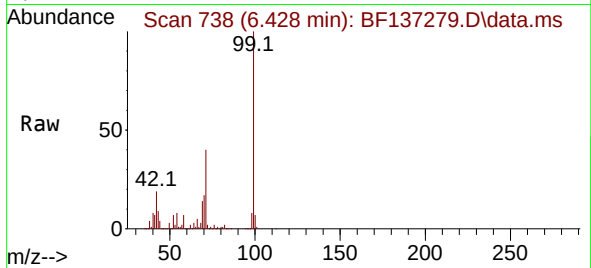




#7
Phenol-d6
Concen: 106.390 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137279.D
Acq: 05 Feb 2024 16:53

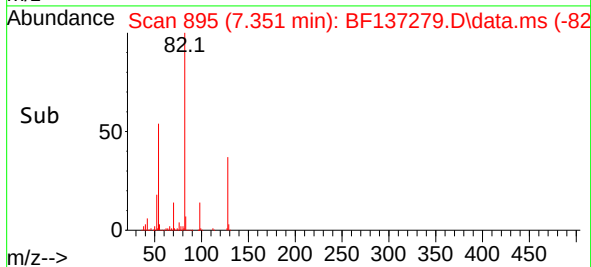
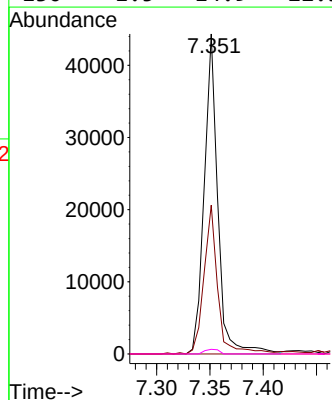
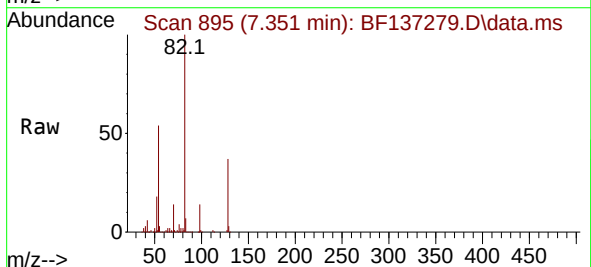
Instrument :
BNA_F
ClientSampleId :

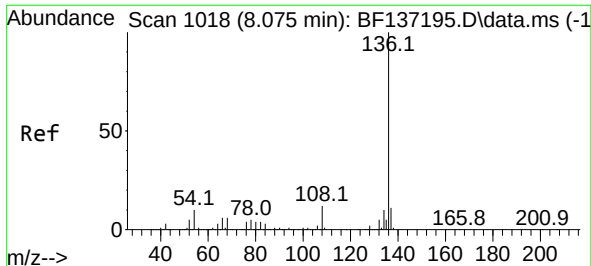
Tgt Ion: 99 Resp: 463958
Ion Ratio Lower Upper
99 100
42 19.1 16.4 24.6
71 39.6 32.4 48.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.204 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137279.D
Acq: 05 Feb 2024 16:53

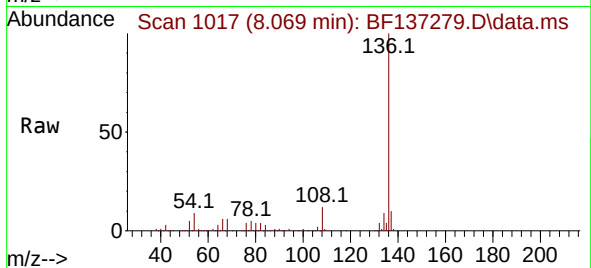
Tgt Ion: 70 Resp: 39482
Ion Ratio Lower Upper
70 100
42 46.5 47.2 70.8#
101 0.0 7.4 11.0#
130 1.5 14.9 22.3#



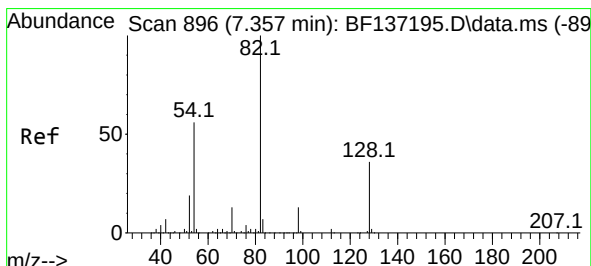
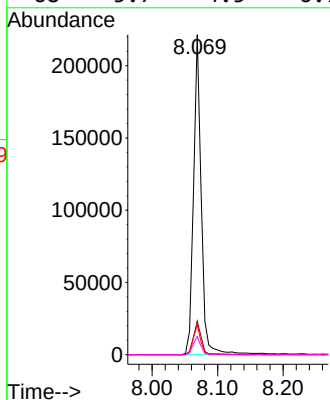
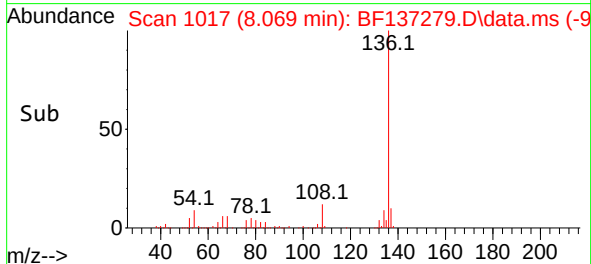


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137279.D
Acq: 05 Feb 2024 16:53

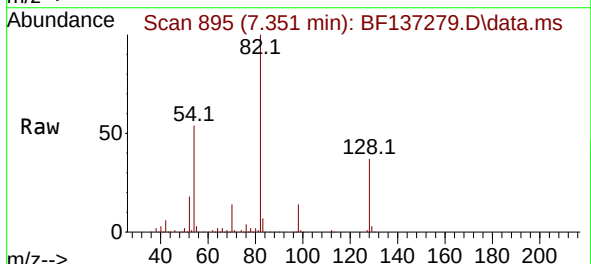
Instrument :
BNA_F
ClientSampleId :



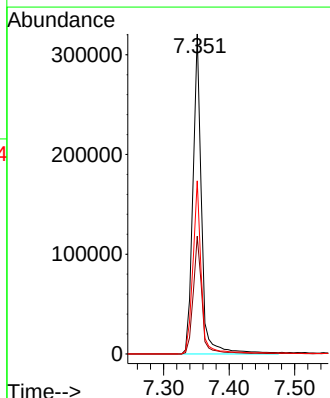
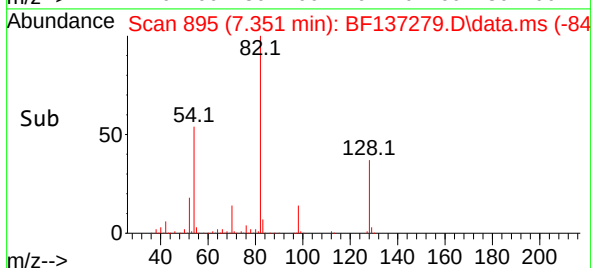
Tgt Ion:136 Resp: 182910
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 9.3 7.8 11.8
68 5.7 4.5 6.7

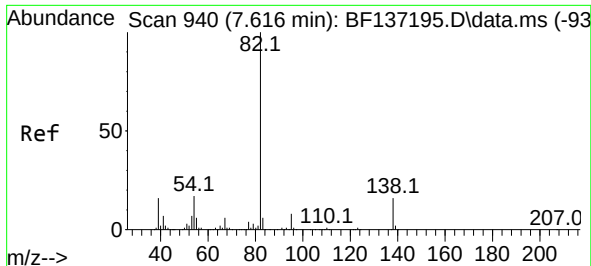


#23
Nitrobenzene-d5
Concen: 72.138 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137279.D
Acq: 05 Feb 2024 16:53



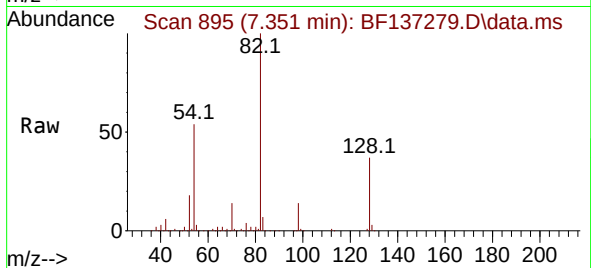
Tgt Ion: 82 Resp: 294713
Ion Ratio Lower Upper
82 100
128 36.8 29.1 43.7
54 54.1 45.0 67.6



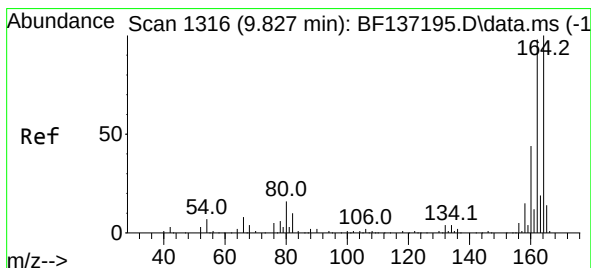
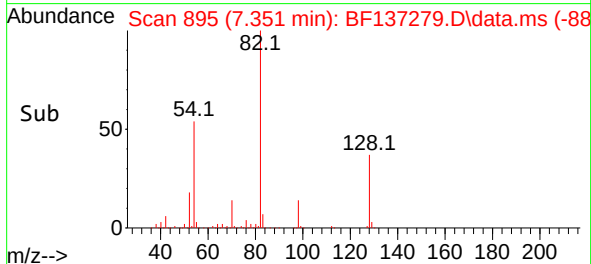
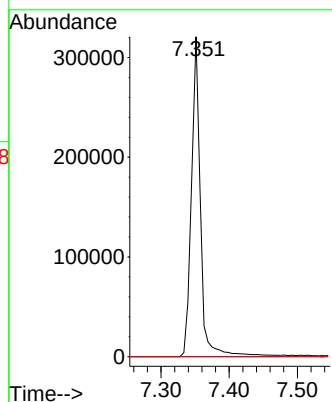


#25
Isophorone
Concen: 39.082 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137279.D
Acq: 05 Feb 2024 16:53

Instrument :
BNA_F
ClientSampleId :

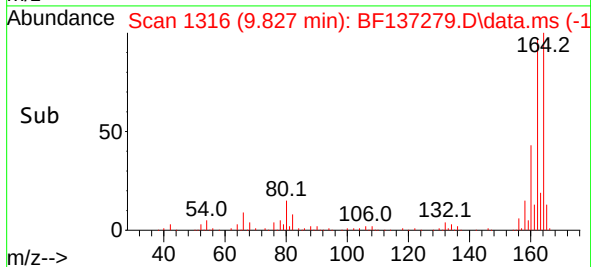
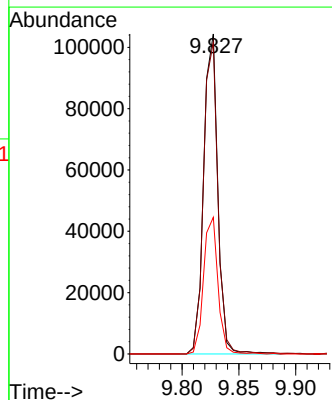
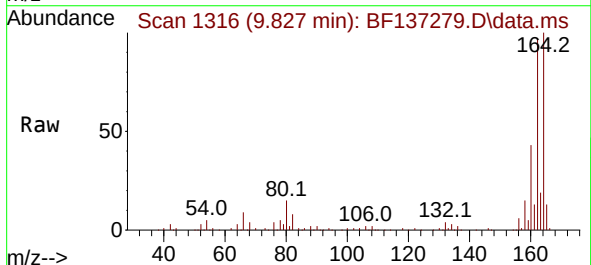


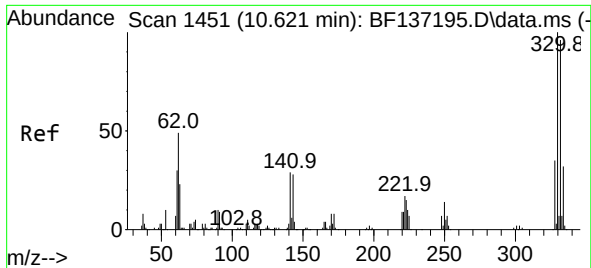
Tgt Ion: 82 Resp: 294710
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF137279.D
Acq: 05 Feb 2024 16:53

Tgt Ion:164 Resp: 90183
Ion Ratio Lower Upper
164 100
162 97.4 78.3 117.5
160 42.7 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 102.887 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

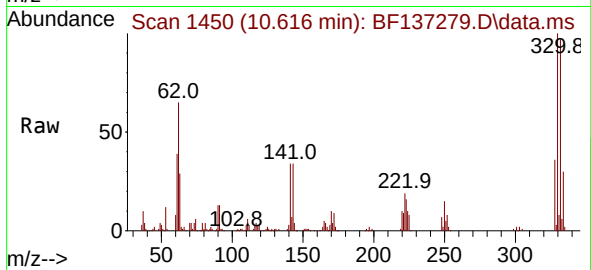
Lab File: BF137279.D

Acq: 05 Feb 2024 16:53

Instrument :

BNA_F

ClientSampleId :



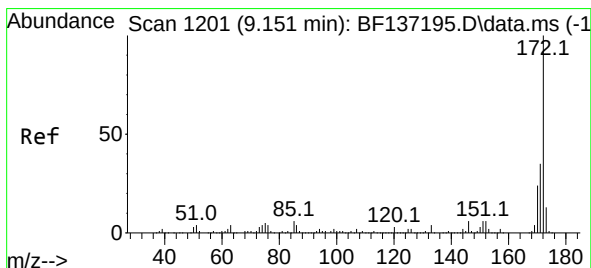
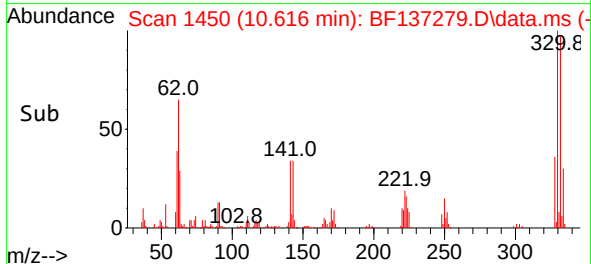
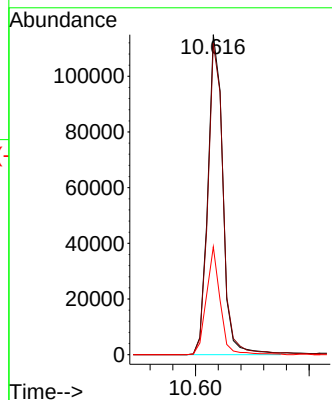
Tgt Ion:330 Resp: 104789

Ion Ratio Lower Upper

330 100

332 99.8 77.3 115.9

141 31.1 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 73.468 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF137279.D

Acq: 05 Feb 2024 16:53

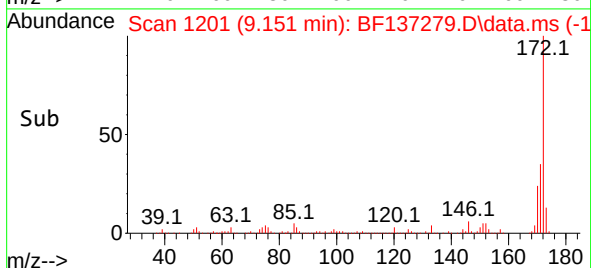
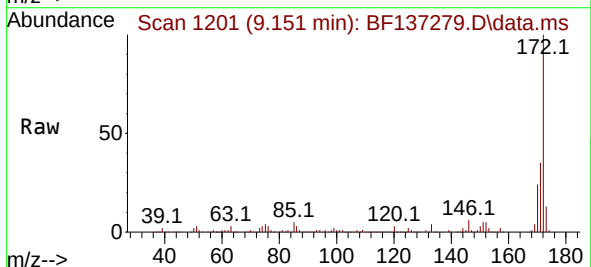
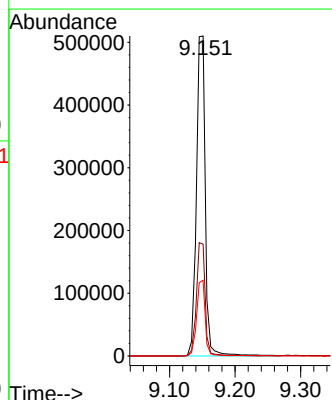
Tgt Ion:172 Resp: 481973

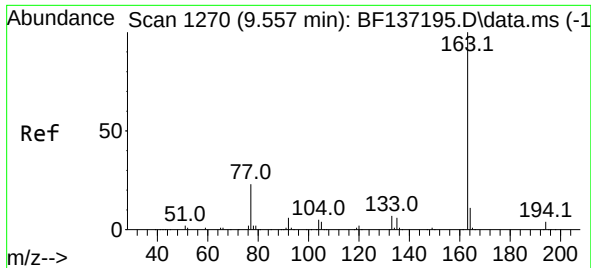
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.7 19.1 28.7

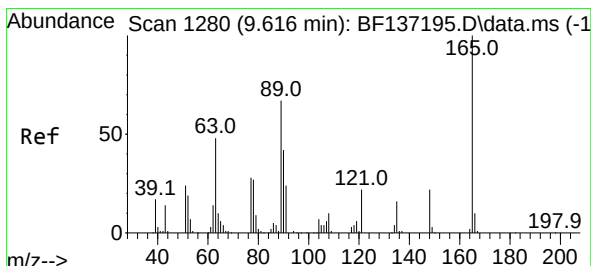
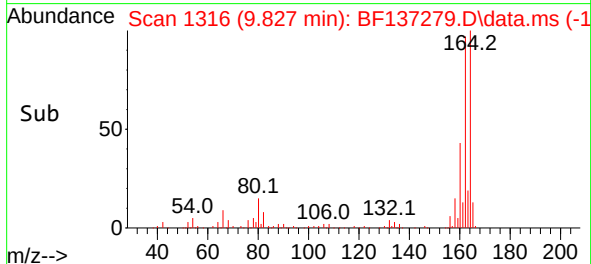
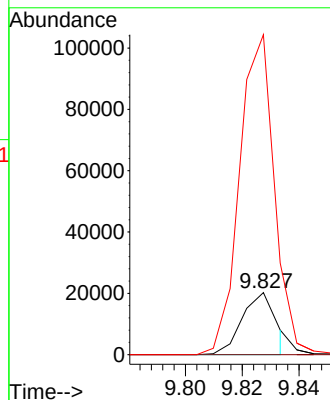
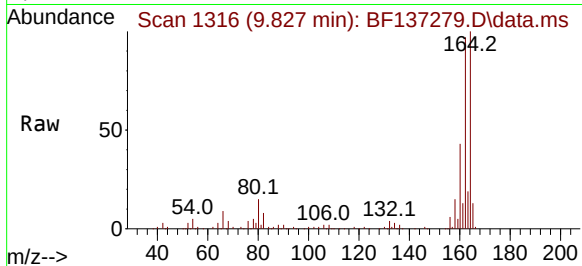




#50
Dimethylphthalate
Concen: 2.738 ng
RT: 9.827 min Scan# 11
Delta R.T. 0.270 min
Lab File: BF137279.D
Acq: 05 Feb 2024 16:53

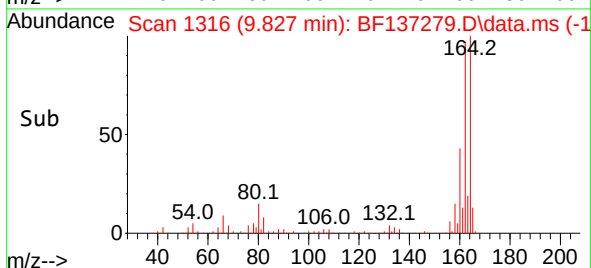
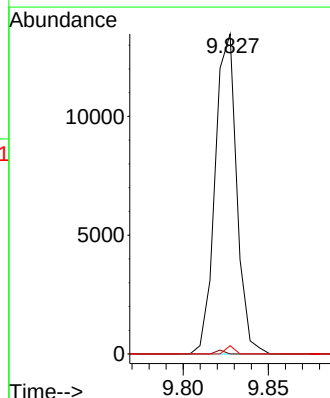
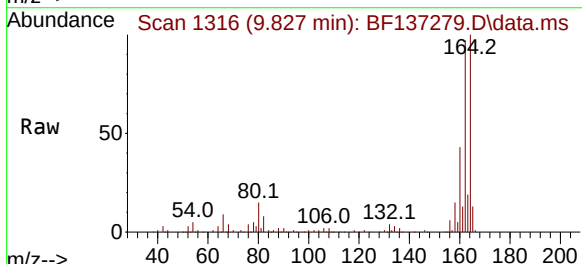
Instrument :
BNA_F
ClientSampleId :

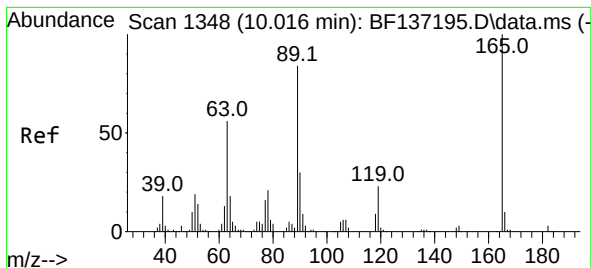
Tgt Ion:163 Resp: 16683
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 516.0 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 9.158 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF137279.D
Acq: 05 Feb 2024 16:53

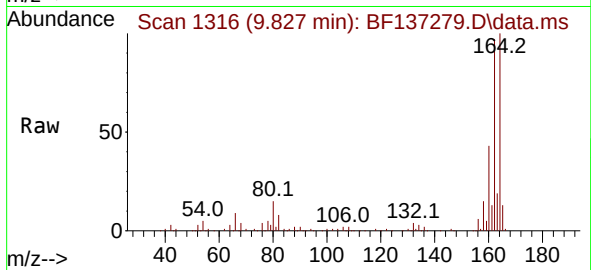
Tgt Ion:165 Resp: 11898
Ion Ratio Lower Upper
165 100
63 0.0 55.1 82.7#
89 2.6 53.5 80.3#



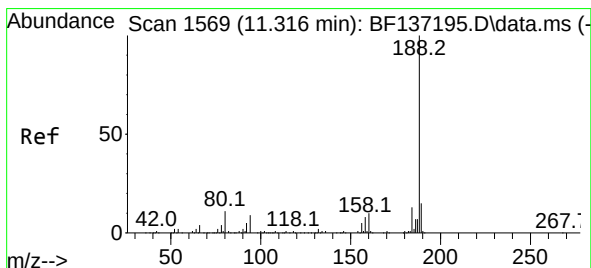
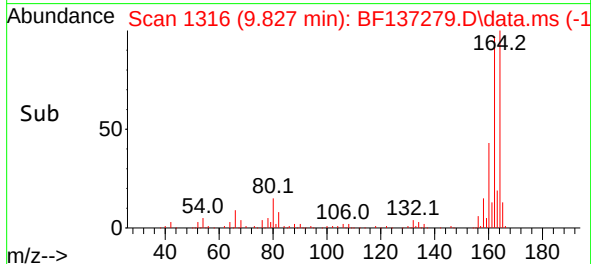
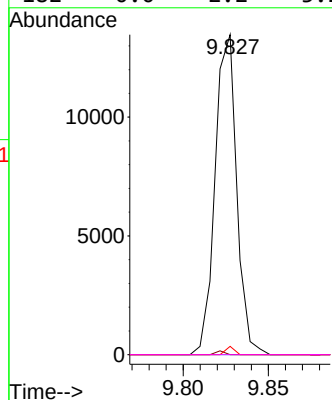


#57
2,4-Dinitrotoluene
Concen: 7.058 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF137279.D
Acq: 05 Feb 2024 16:53

Instrument :
BNA_F
ClientSampleId :

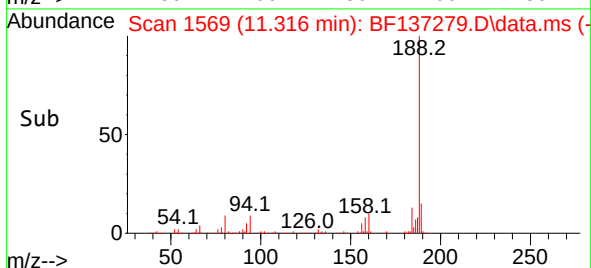
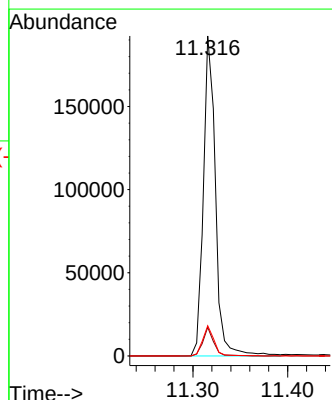
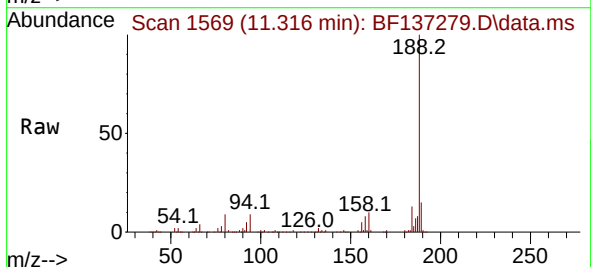


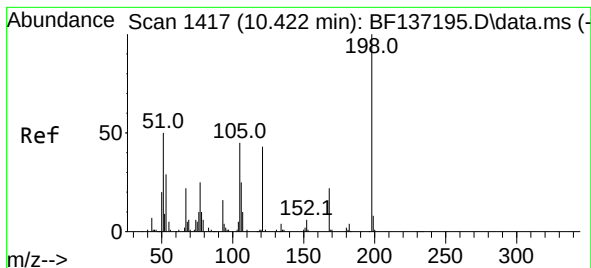
Tgt Ion:165 Resp: 11898
Ion Ratio Lower Upper
165 100
63 0.0 46.1 69.1#
89 2.6 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137279.D
Acq: 05 Feb 2024 16:53

Tgt Ion:188 Resp: 170737
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.4 8.8 13.2

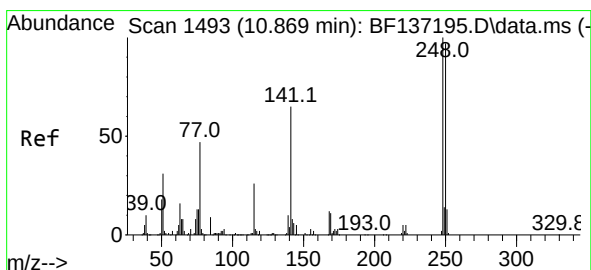
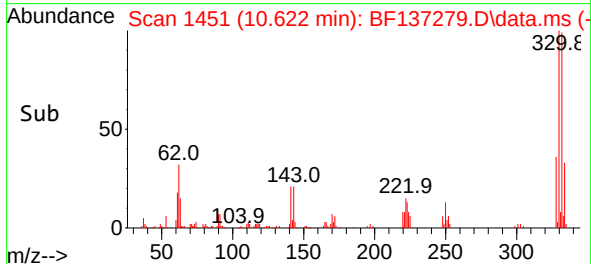
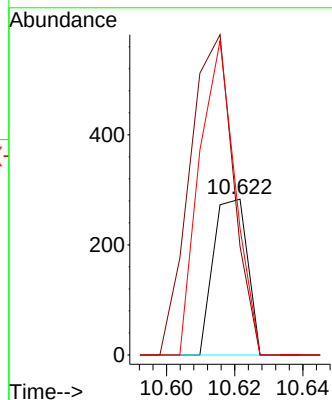
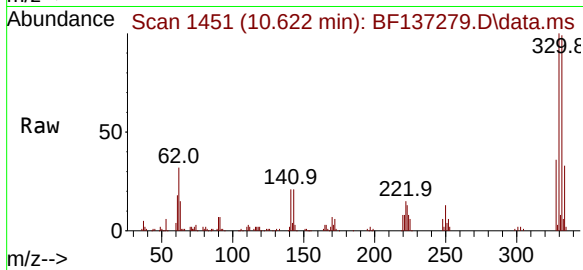




#65
4,6-Dinitro-2-methylphenol
Concen: 5.647 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.200 min
Lab File: BF137279.D
Acq: 05 Feb 2024 16:53

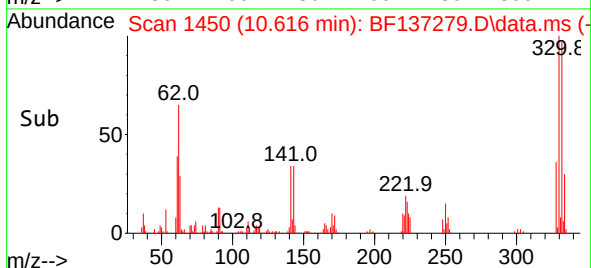
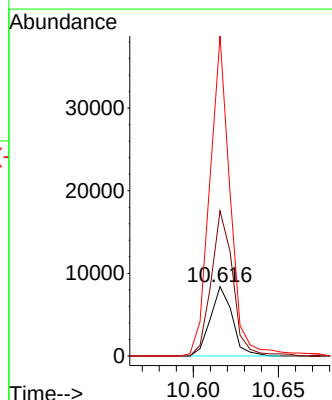
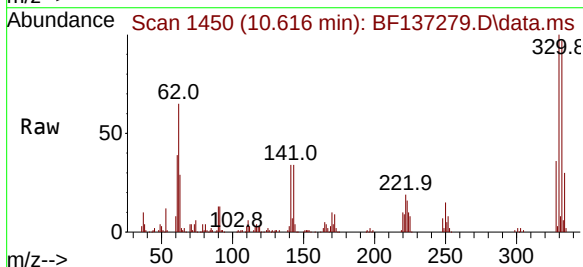
Instrument :
BNA_F
ClientSampleId :

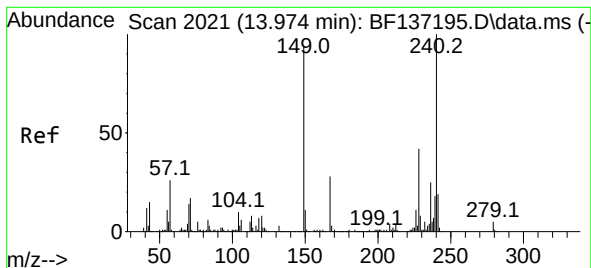
Tgt Ion:198 Resp: 196
Ion Ratio Lower Upper
198 100
51 69.6 40.9 80.9
105 81.3 26.5 66.5#



#67
4-Bromophenyl-phenylether
Concen: 3.998 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF137279.D
Acq: 05 Feb 2024 16:53

Tgt Ion:248 Resp: 7506
Ion Ratio Lower Upper
248 100
250 209.6 77.7 116.5#
141 462.0 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: BF137279.D

Acq: 05 Feb 2024 16:53

Instrument :

BNA_F

ClientSampleId :

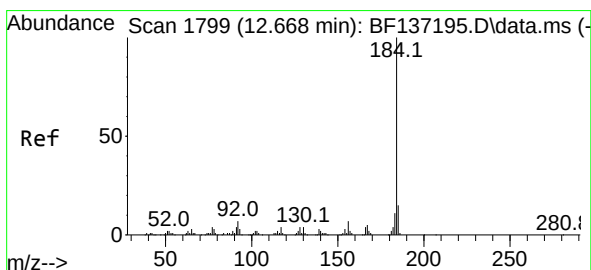
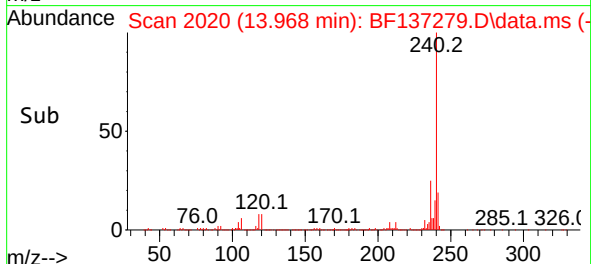
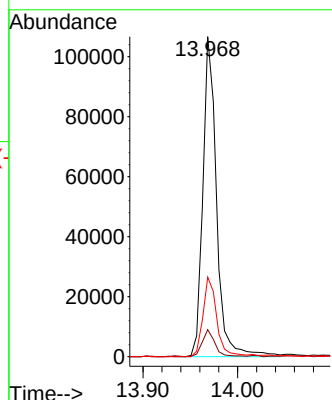
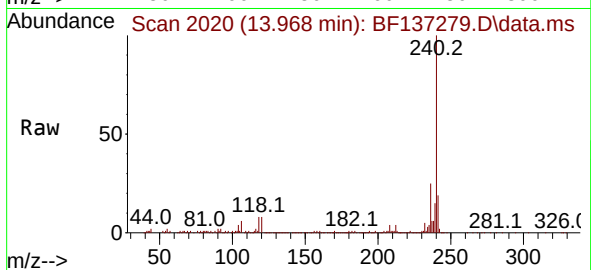
Tgt Ion:240 Resp: 107353

Ion Ratio Lower Upper

240 100

120 8.5 6.3 9.5

236 24.8 20.3 30.5



#77

Benzidine

Concen: 3.399 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.248 min

Lab File: BF137279.D

Acq: 05 Feb 2024 16:53

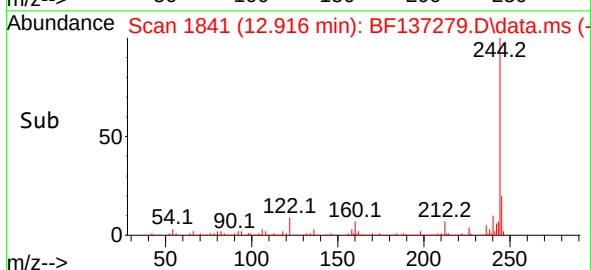
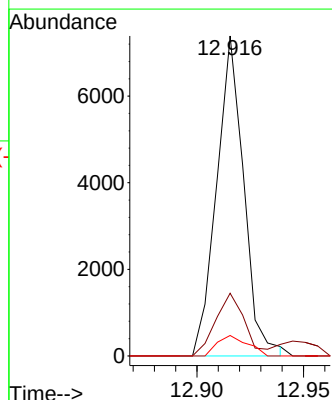
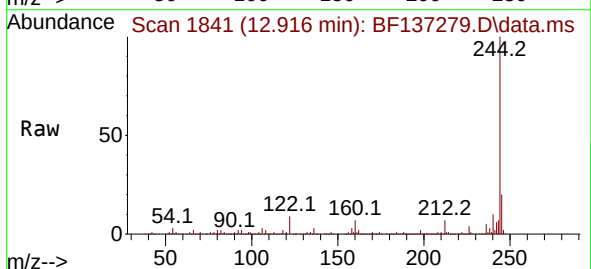
Tgt Ion:184 Resp: 6533

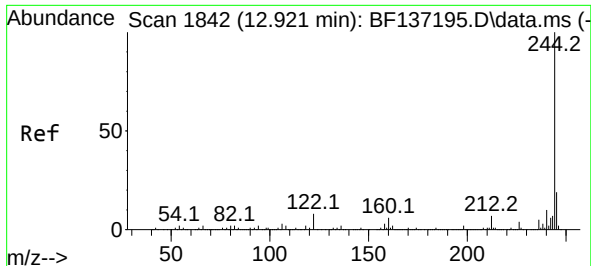
Ion Ratio Lower Upper

184 100

185 19.6 11.9 17.9#

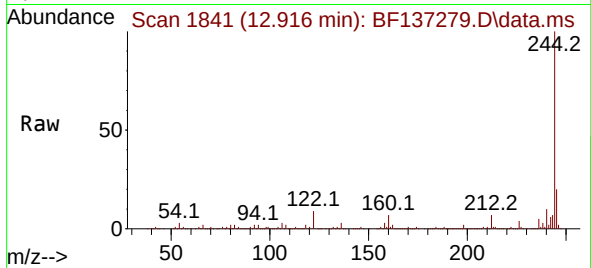
183 6.4 8.8 13.2#



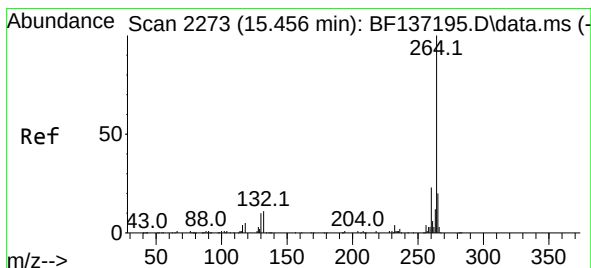
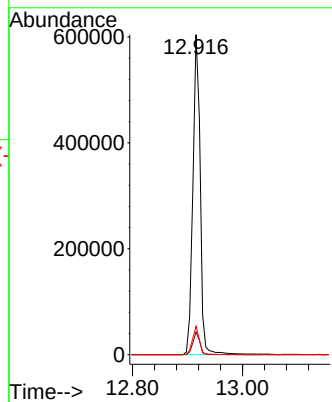
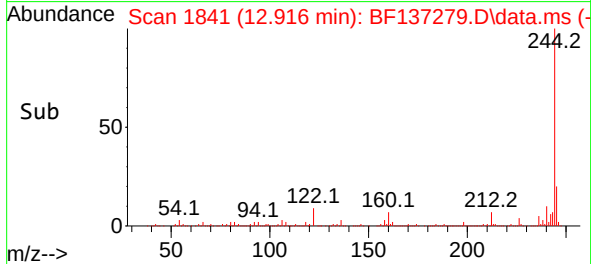


#79
Terphenyl-d14
Concen: 70.610 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF137279.D
Acq: 05 Feb 2024 16:53

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:244 Resp: 557593
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 8.9 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: BF137279.D
Acq: 05 Feb 2024 16:53

Tgt Ion:264 Resp: 89608
Ion Ratio Lower Upper
264 100
260 22.0 18.2 27.4
265 22.2 16.2 24.2

