

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137215.D
 Acq On : 31 Jan 2024 17:32
 Operator : CG\JU
 Sample : P1276-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-36

Quant Time: Feb 01 01:20:07 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)

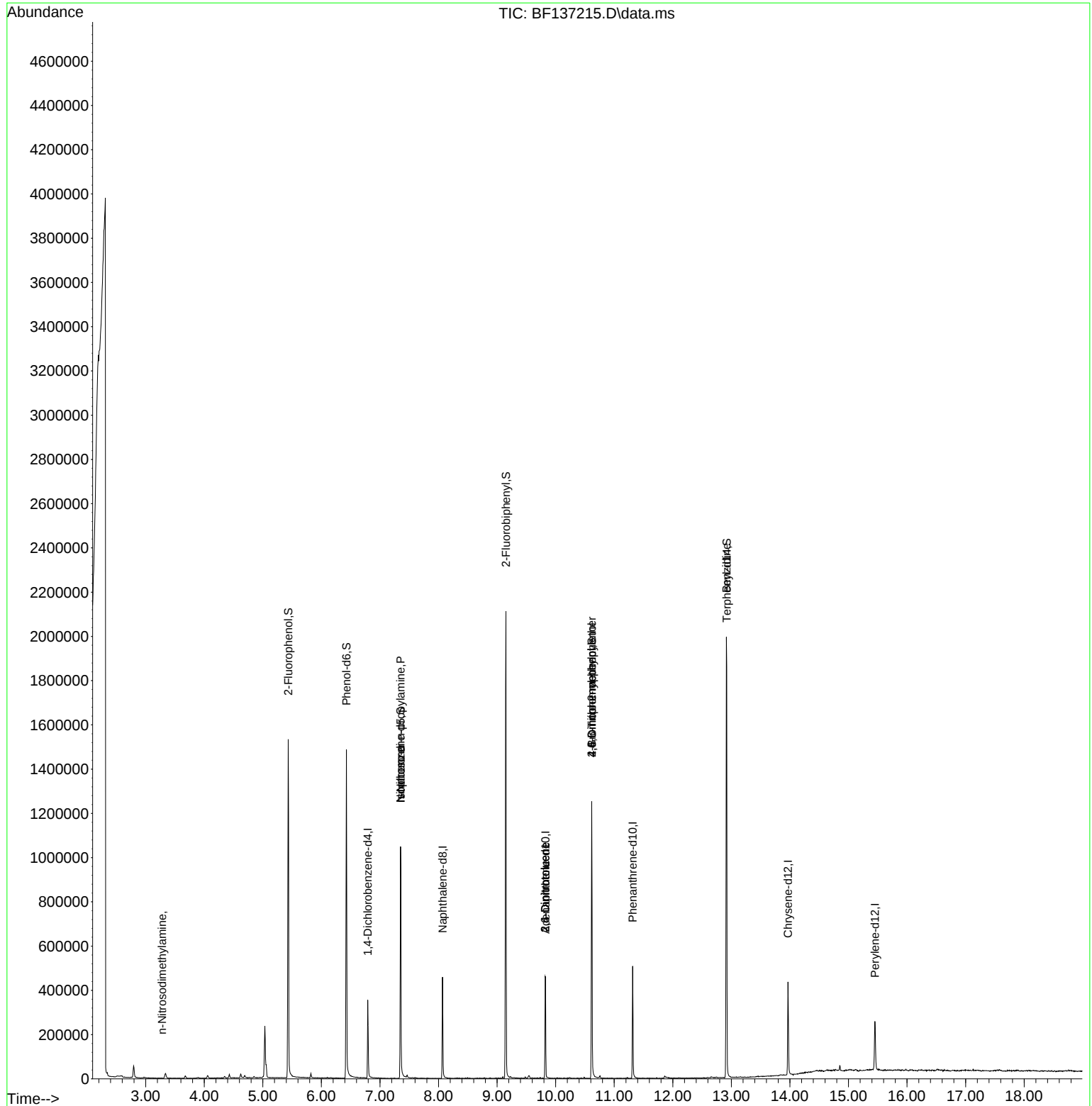
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	49157	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	182713	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	98900	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	181363	20.000	ng	0.00
76) Chrysene-d12	13.968	240	143132	20.000	ng	0.00
86) Perylene-d12	15.451	264	114249	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	403139	135.324	ng	0.02
7) Phenol-d6	6.428	99	481008	113.140	ng	0.00
23) Nitrobenzene-d5	7.351	82	364924	89.420	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	147824	132.348	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	651962	90.620	ng	0.00
79) Terphenyl-d14	12.921	244	771830	73.307	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.281	42	136	6.133	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	49086	16.839	ng	# 79
25) Isophorone	7.351	82	364922	48.445	ng	# 67
51) 2,6-Dinitrotoluene	9.822	165	12340	8.661	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	12340	6.675	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.616	198	299	5.731	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	10261	5.145	ng	# 1
77) Benzidine	12.916	184	9716	3.791	ng	# 93

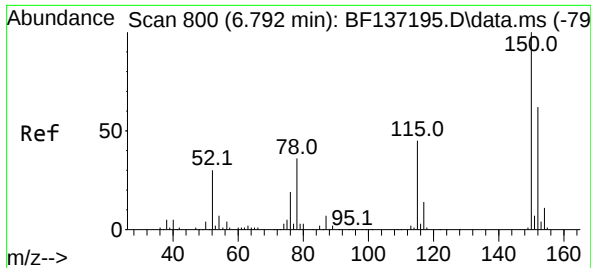
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

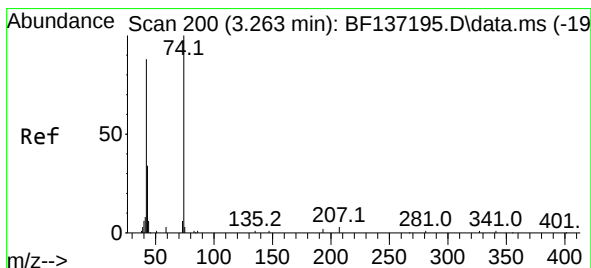
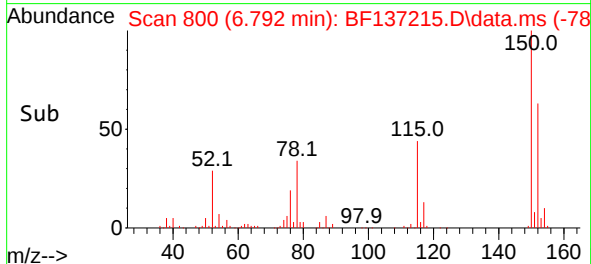
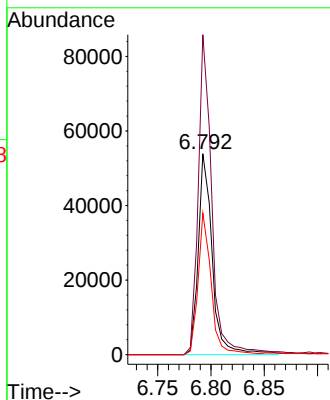
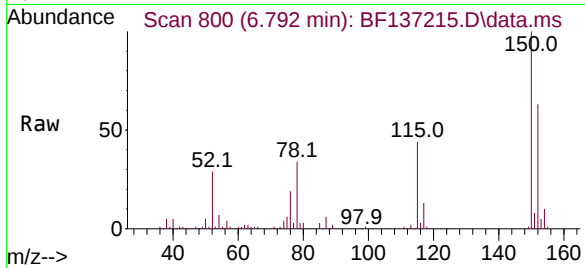




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

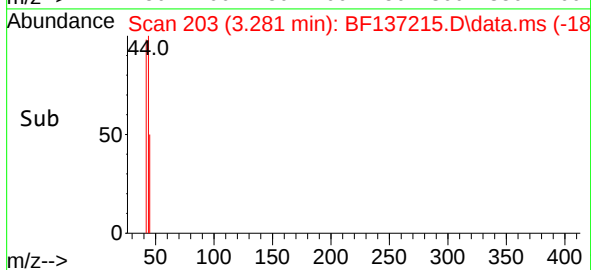
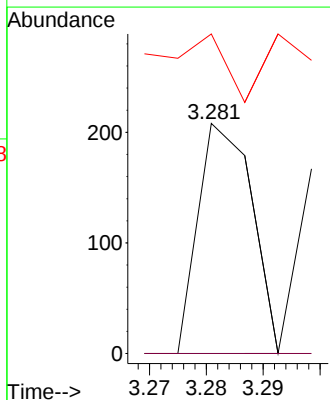
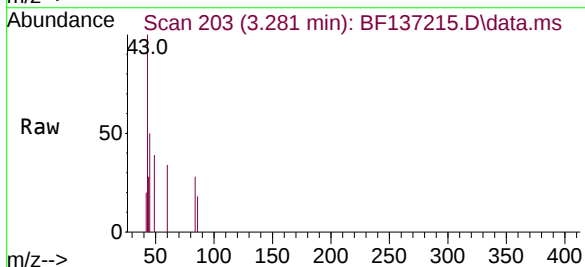
Instrument :
BNA_F
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TP-36

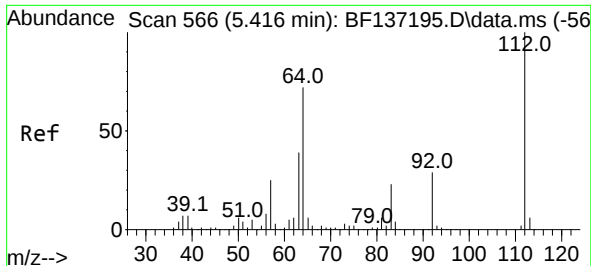
Tgt Ion:152 Resp: 49157
Ion Ratio Lower Upper
152 100
150 159.3 129.8 194.8
115 70.4 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.133 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.018 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

Tgt Ion: 42 Resp: 136
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 138.9 6.1 9.1#

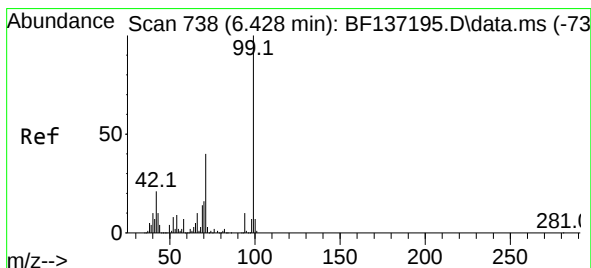
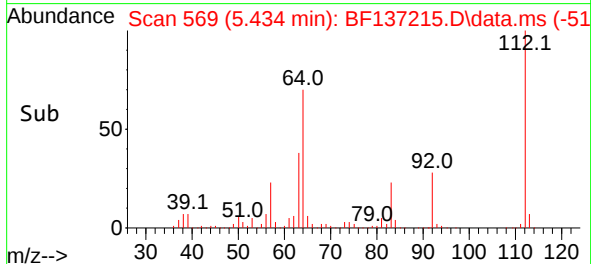
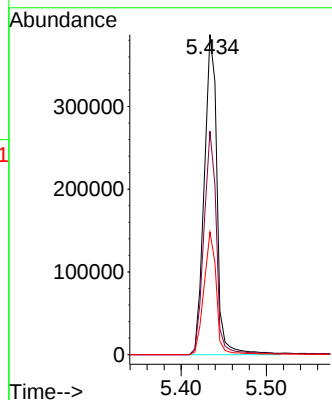
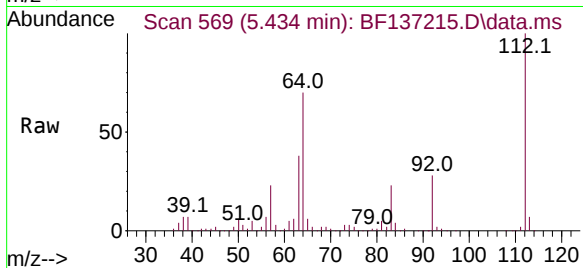




#5
2-Fluorophenol
Concen: 135.324 ng
RT: 5.434 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

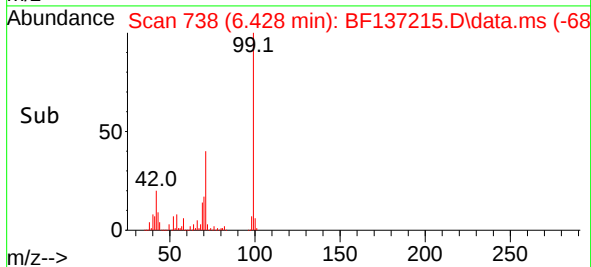
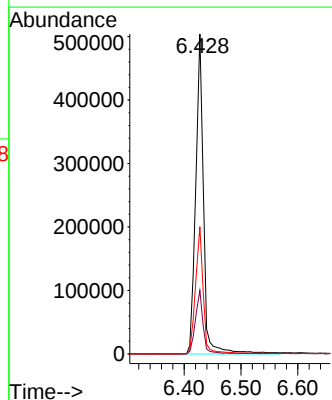
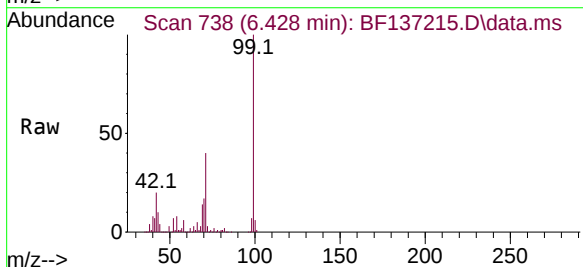
Instrument :
BNA_F
ClientSampleId :
TP-36

Tgt Ion:112 Resp: 403139
Ion Ratio Lower Upper
112 100
64 69.8 57.8 86.6
63 38.3 31.4 47.0



#7
Phenol-d6
Concen: 113.140 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

Tgt Ion: 99 Resp: 481008
Ion Ratio Lower Upper
99 100
42 19.8 16.4 24.6
71 39.7 32.4 48.6

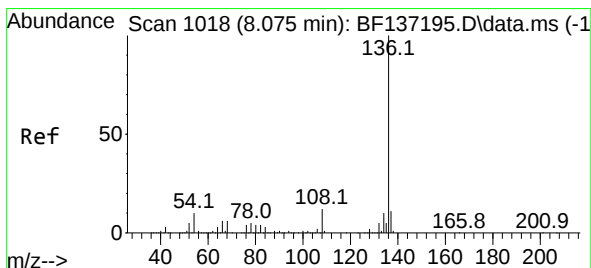
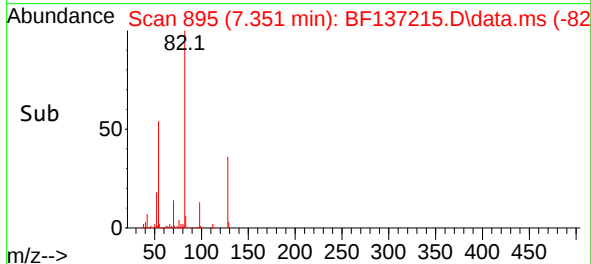
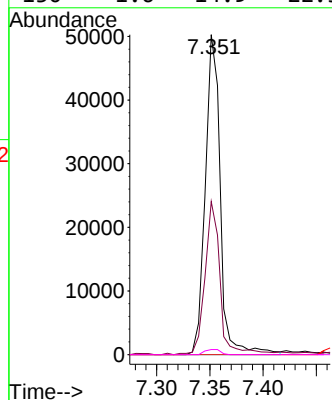
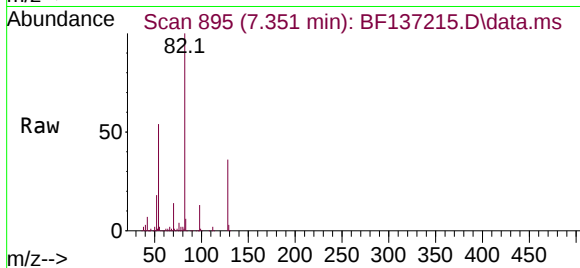




#19
n-Nitroso-di-n-propylamine
Concen: 16.839 ng
RT: 7.351 min Scan# 89
Delta R.T. 0.141 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

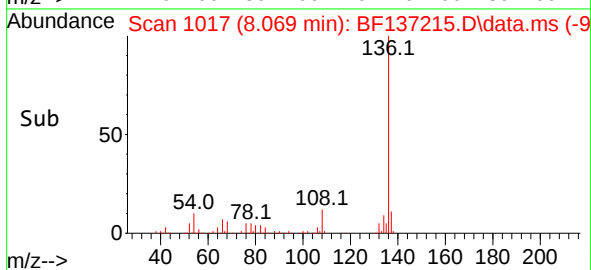
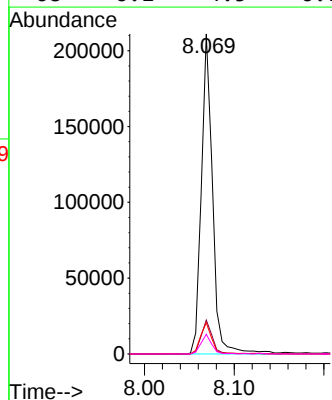
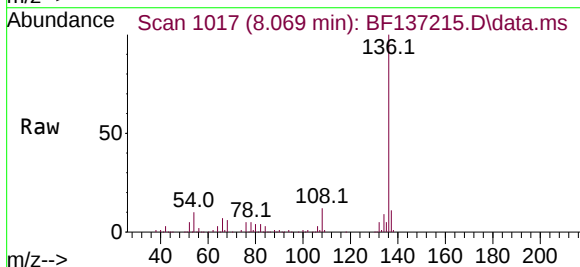
Instrument :
BNA_F
ClientSampleId :
TP-36

Tgt Ion:	70	Resp:	49086
Ion	Ratio	Lower	Upper
70	100		
42	47.8	47.2	70.8
101	0.0	7.4	11.0#
130	1.6	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: BF137215.D
Acq: 31 Jan 2024 17:32

Tgt Ion:	136	Resp:	182713
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.7	7.8	11.8
68	6.1	4.5	6.7

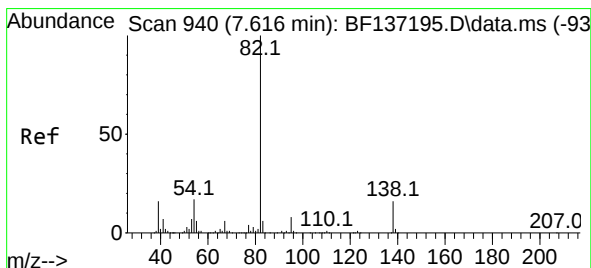
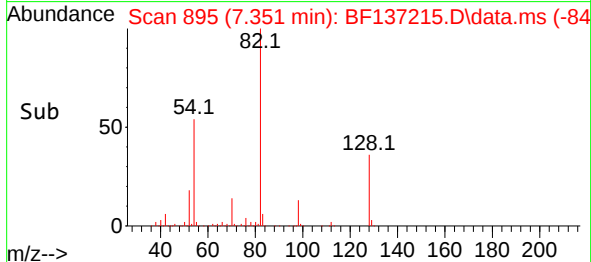
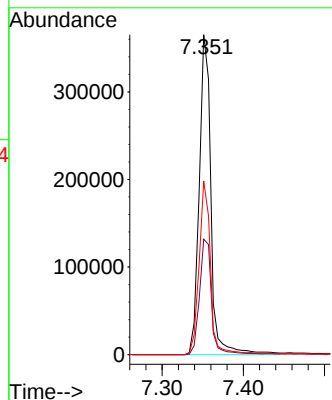
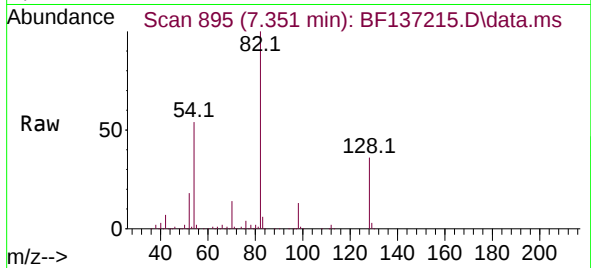




#23
Nitrobenzene-d5
Concen: 89.420 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

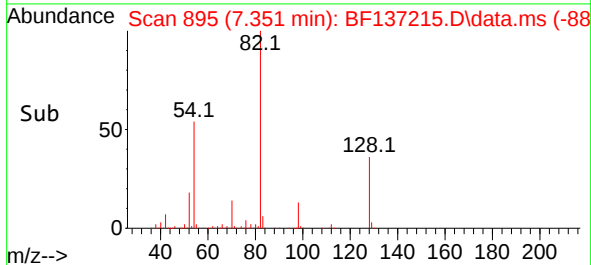
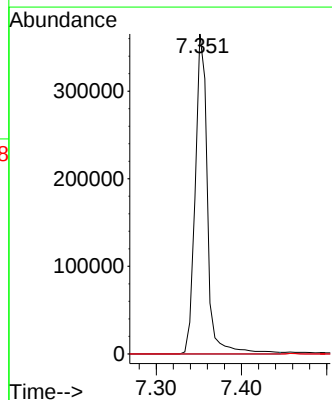
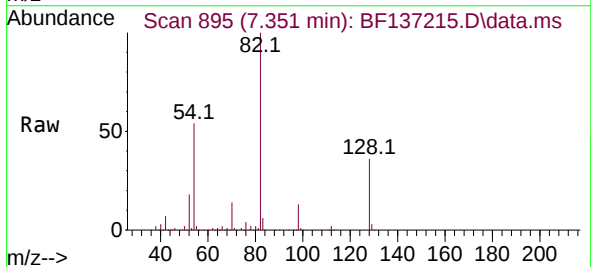
Instrument :
BNA_F
ClientSampleId :
TP-36

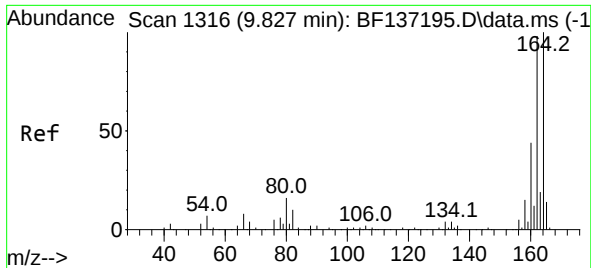
Tgt Ion: 82 Resp: 364924
Ion Ratio Lower Upper
82 100
128 36.1 29.1 43.7
54 54.3 45.0 67.6



#25
Isophorone
Concen: 48.445 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

Tgt Ion: 82 Resp: 364922
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#

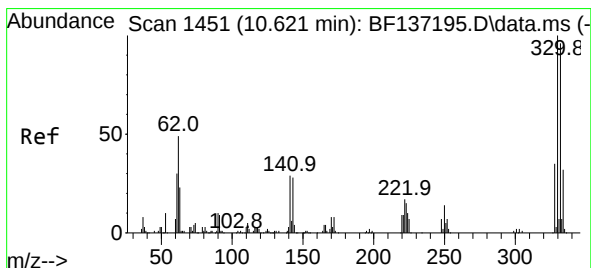
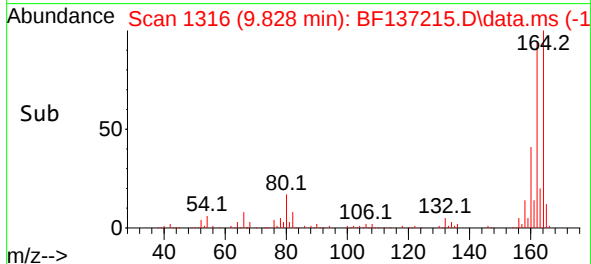
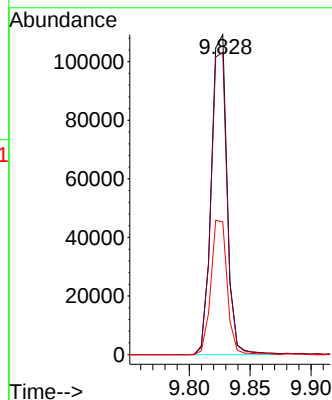
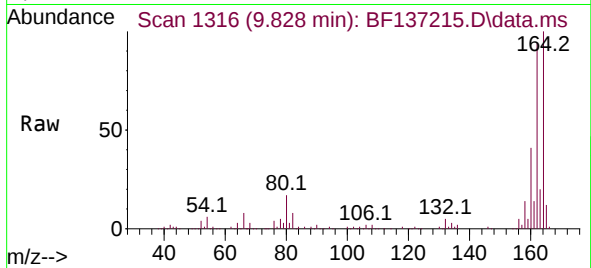




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.001 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

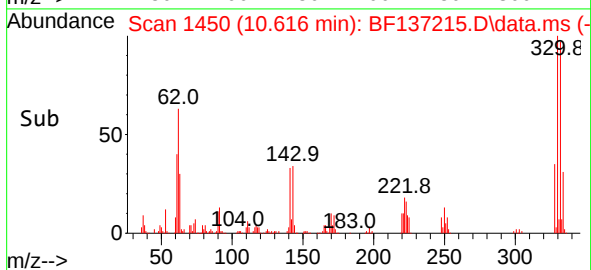
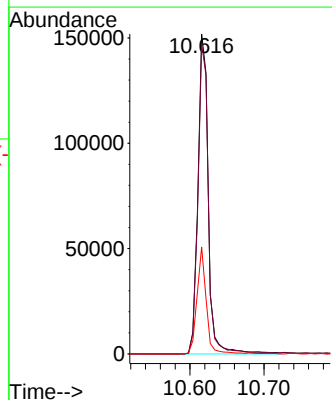
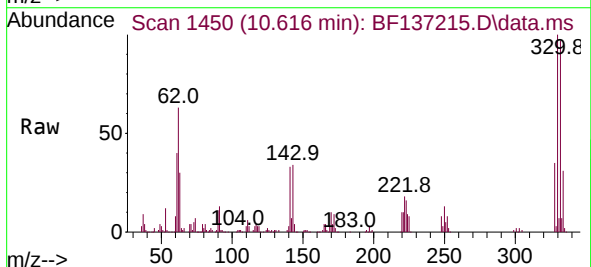
Instrument :
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ClientSampleId :
TP-36

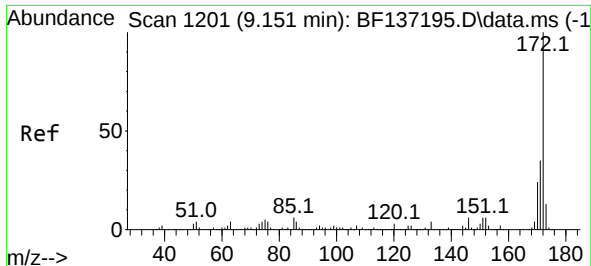
Tgt Ion:164 Resp: 98900
Ion Ratio Lower Upper
164 100
162 94.5 78.3 117.5
160 41.5 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 132.348 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

Tgt Ion:330 Resp: 147824
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 30.0 25.2 37.8

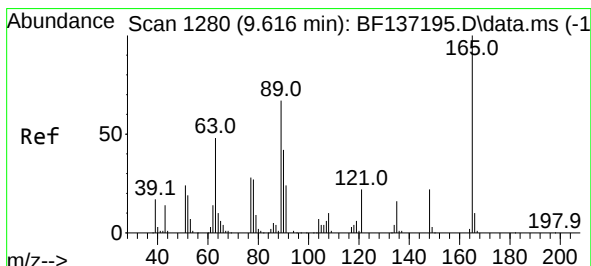
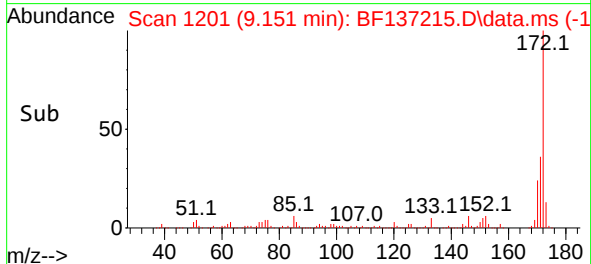
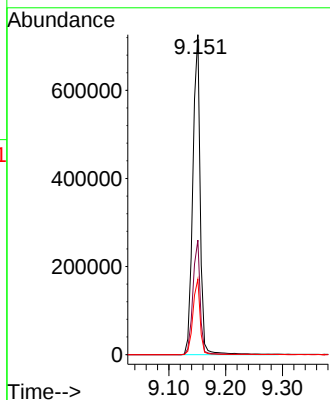
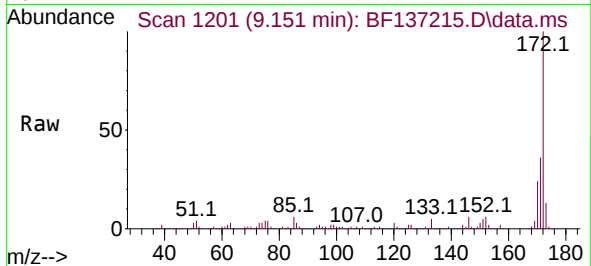




#45
2-Fluorobiphenyl
Concen: 90.620 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

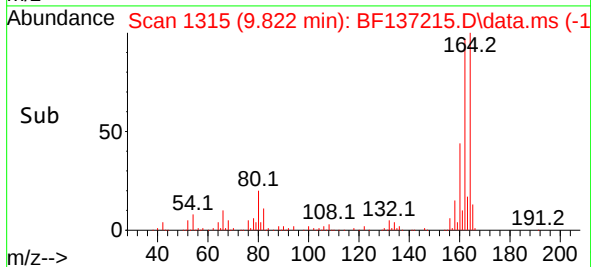
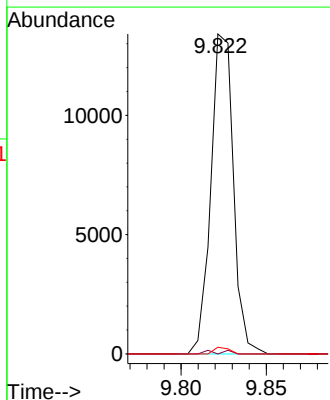
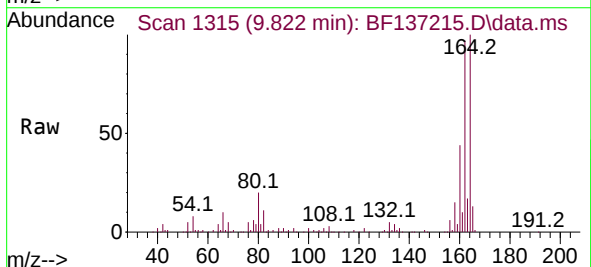
Instrument :
BNA_F
ClientSampleId :
TP-36

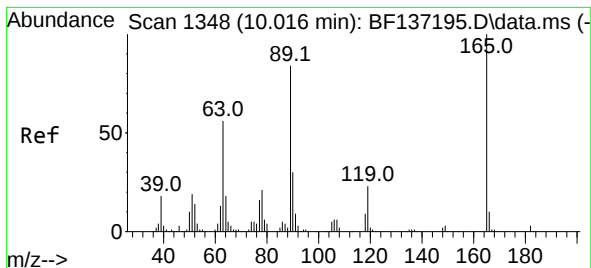
Tgt Ion:172 Resp: 651962
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.6 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 8.661 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

Tgt Ion:165 Resp: 12340
Ion Ratio Lower Upper
165 100
63 0.0 55.1 82.7#
89 2.1 53.5 80.3#

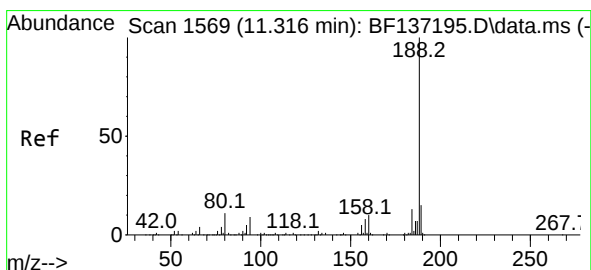
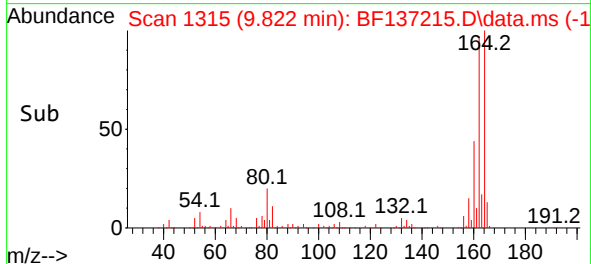
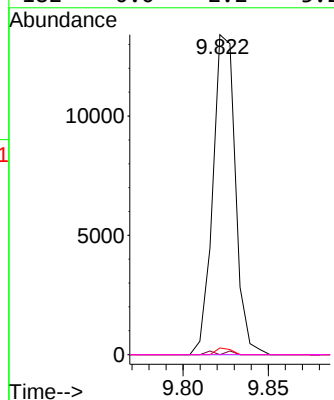
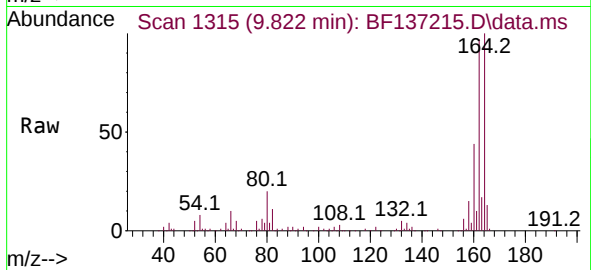




#57
2,4-Dinitrotoluene
Concen: 6.675 ng
RT: 9.822 min Scan# 1348
Delta R.T. -0.194 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

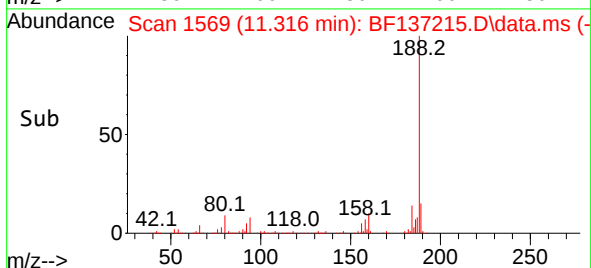
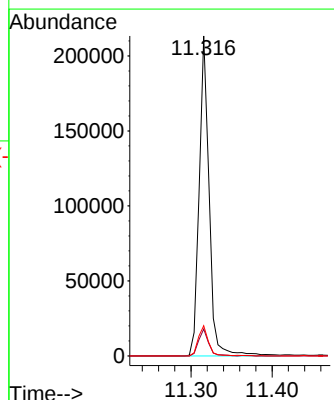
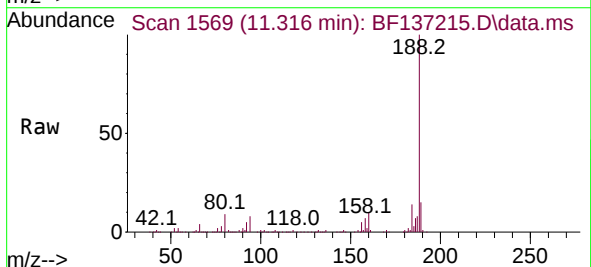
Instrument :
BNA_F
ClientSampleId :
TP-36

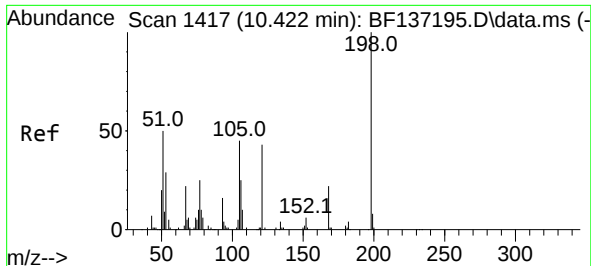
Tgt Ion:165 Resp: 12340
Ion Ratio Lower Upper
165 100
63 0.0 46.1 69.1#
89 2.1 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

Tgt Ion:188 Resp: 181363
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.4 8.8 13.2

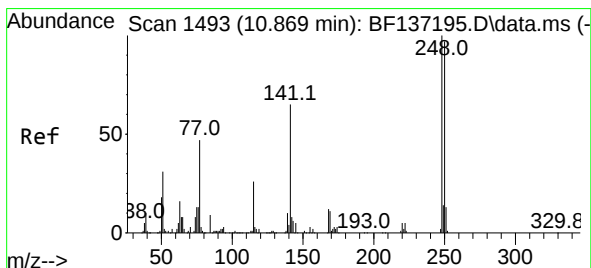
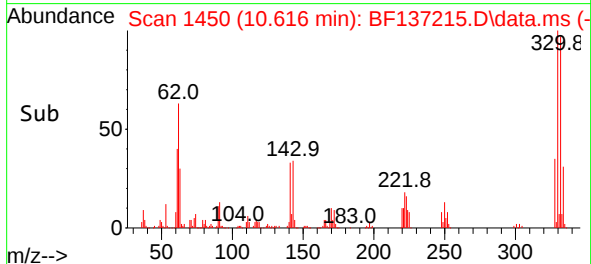
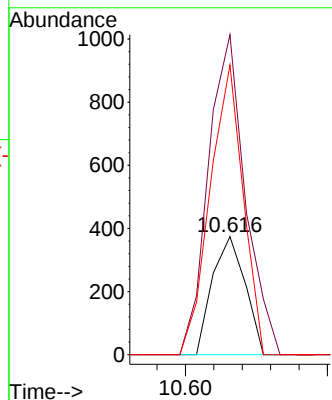
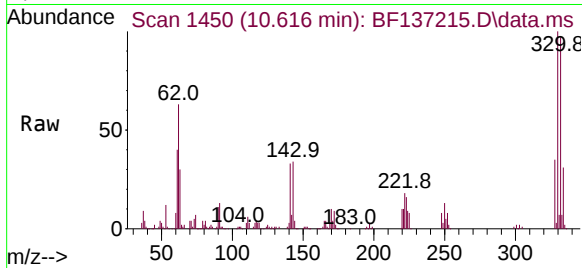




#65
4,6-Dinitro-2-methylphenol
Concen: 5.731 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.194 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

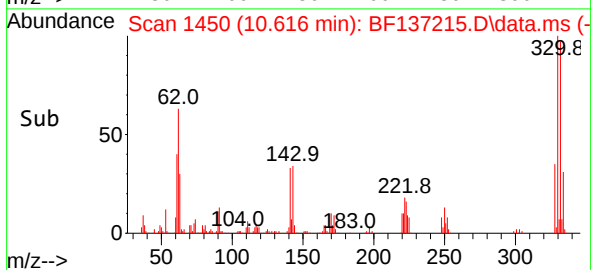
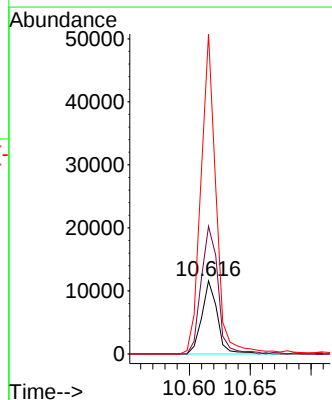
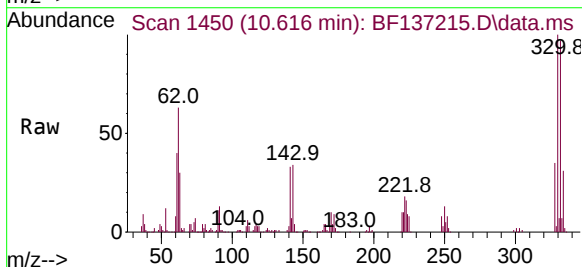
Instrument :
BNA_F
ClientSampleId :
TP-36

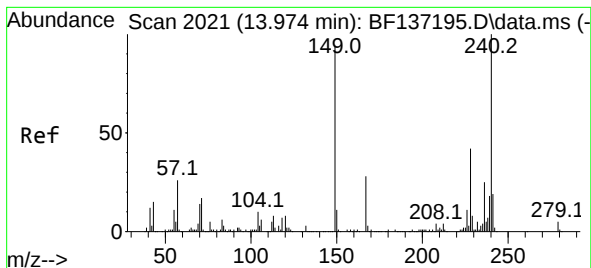
Tgt Ion:198 Resp: 299
Ion Ratio Lower Upper
198 100
51 271.1 40.9 80.9#
105 245.5 26.5 66.5#



#67
4-Bromophenyl-phenylether
Concen: 5.145 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

Tgt Ion:248 Resp: 10261
Ion Ratio Lower Upper
248 100
250 174.7 77.7 116.5#
141 438.2 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: BF137215.D

Acq: 31 Jan 2024 17:32

Instrument :

BNA_F

ClientSampleId :

TP-36

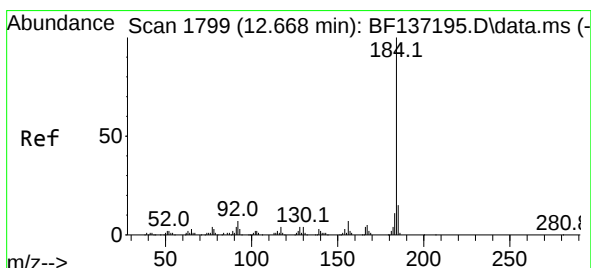
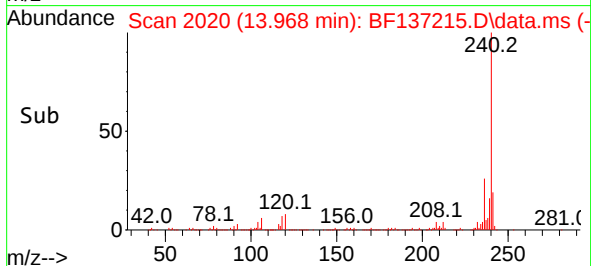
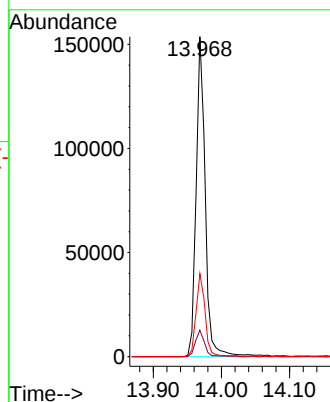
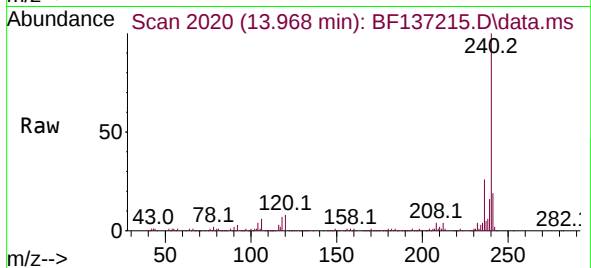
Tgt Ion:240 Resp: 143132

Ion Ratio Lower Upper

240 100

120 8.3 6.3 9.5

236 25.9 20.3 30.5



#77

Benzidine

Concen: 3.791 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.248 min

Lab File: BF137215.D

Acq: 31 Jan 2024 17:32

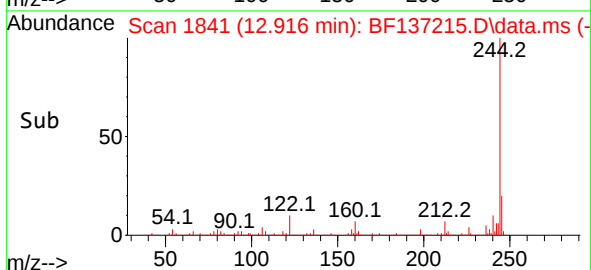
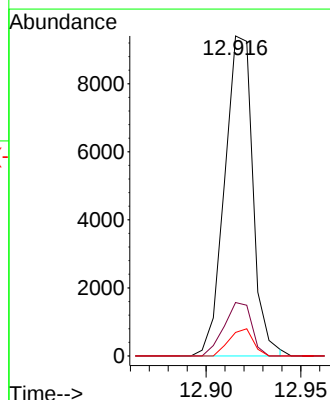
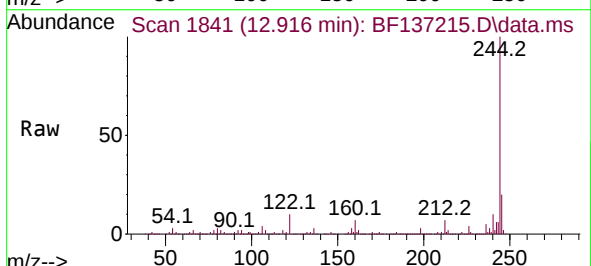
Tgt Ion:184 Resp: 9716

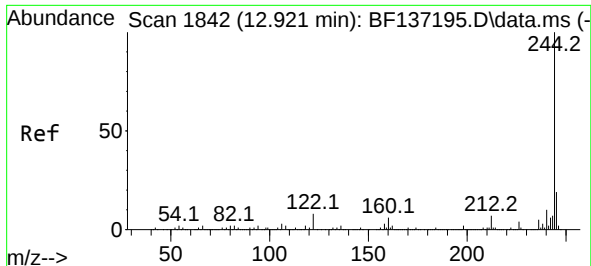
Ion Ratio Lower Upper

184 100

185 16.7 11.9 17.9

183 7.3 8.8 13.2#

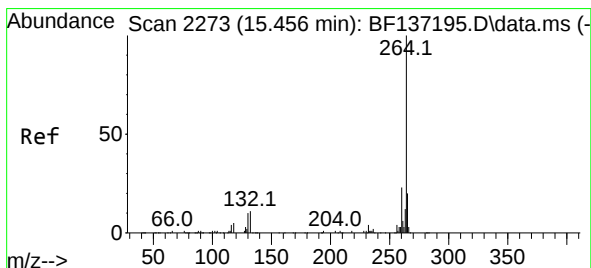
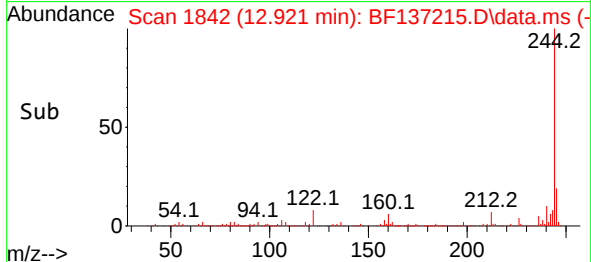
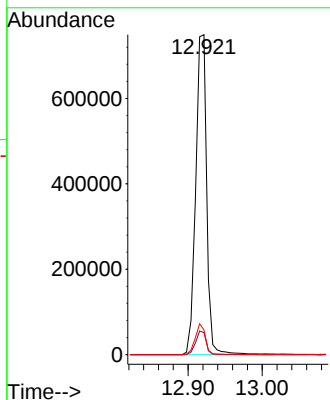
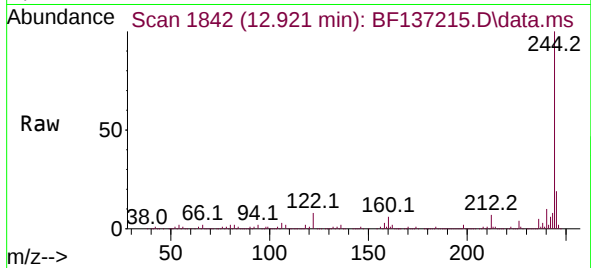




#79
 Terphenyl-d14
 Concen: 73.307 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF137215.D
 Acq: 31 Jan 2024 17:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-36

Tgt Ion:244 Resp: 771830
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 7.7 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: BF137215.D
 Acq: 31 Jan 2024 17:32

Tgt Ion:264 Resp: 114249
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.2 27.4
 265 21.0 16.2 24.2

