

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031924\
 Data File : BF137642.D
 Acq On : 19 Mar 2024 12:13
 Operator : CG\JU
 Sample : PB159643BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159643BL

Quant Time: Mar 19 12:32:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

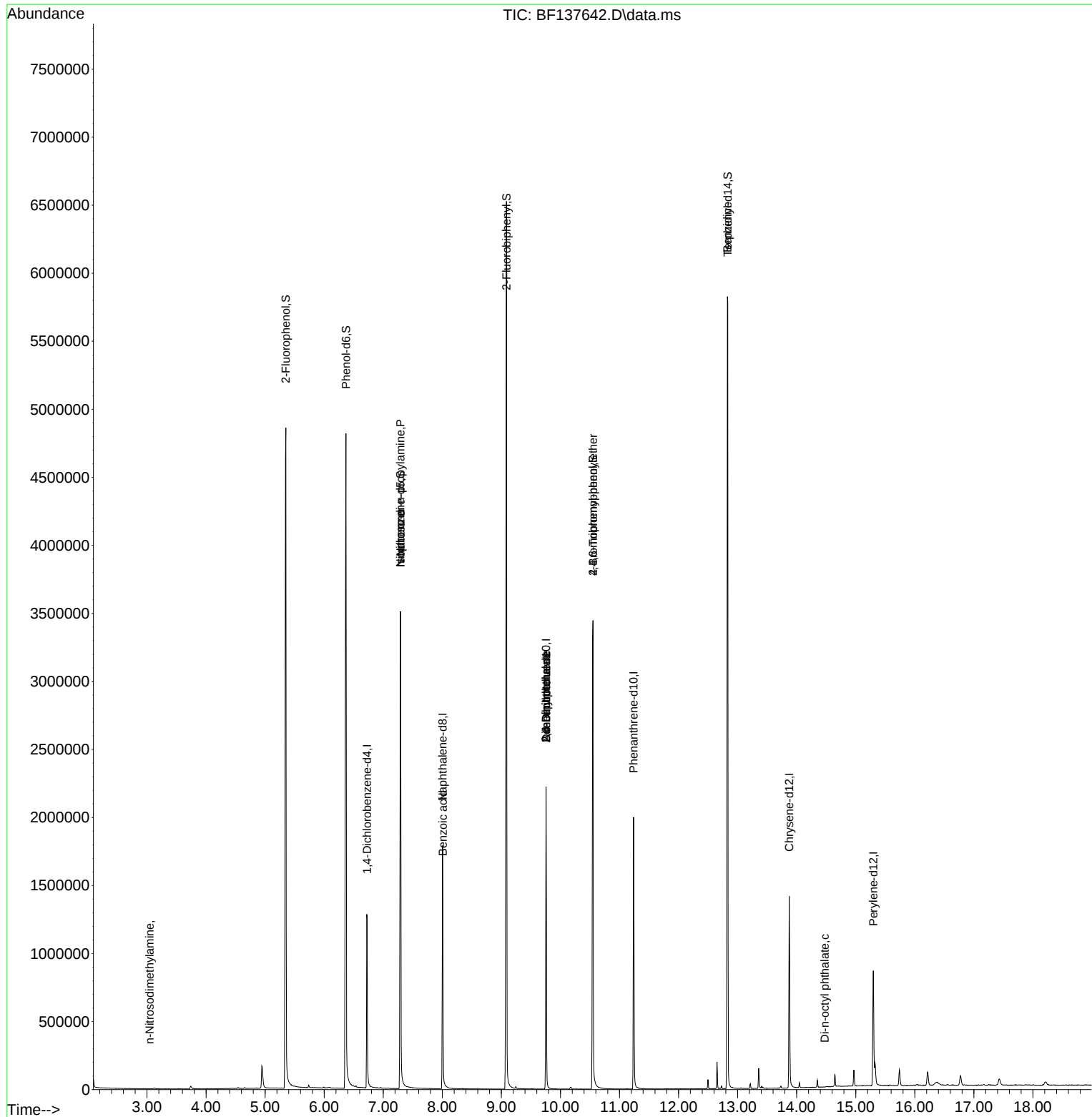
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	211538	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	817624	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	436011	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	756396	20.000	ng	0.00
76) Chrysene-d12	13.874	240	467146	20.000	ng	0.00
86) Perylene-d12	15.298	264	399215	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1612405	115.443	ng	0.02
7) Phenol-d6	6.369	99	2135184	105.906	ng	0.00
23) Nitrobenzene-d5	7.292	82	1367131	77.692	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	495198	129.331	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2182768	78.365	ng	0.00
79) Terphenyl-d14	12.833	244	2414667	71.079	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.046	42	239	3.838	ng	# 1
19) n-Nitroso-di-n-propyla...	7.292	70	177945	14.293	ng	# 79
25) Isophorone	7.292	82	1367121	40.894	ng	# 69
32) Benzoic acid	8.010	122	89	6.309	ng	# 1
50) Dimethylphthalate	9.757	163	80161	2.641	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	55185	8.693	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	55446	7.109	ng	# 21
67) 4-Bromophenyl-phenylether	10.551	248	31549	3.829	ng	# 1
77) Benzidine	12.827	184	26694	2.335	ng	# 92
85) Di-n-octyl phthalate	14.474	149	509	5.623	ng	# 1

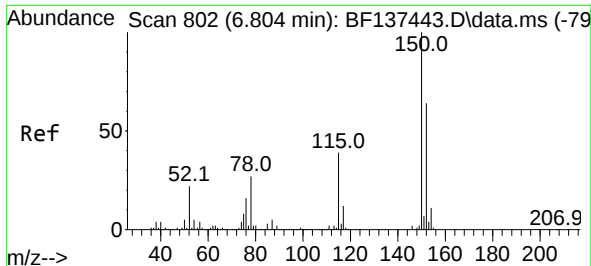
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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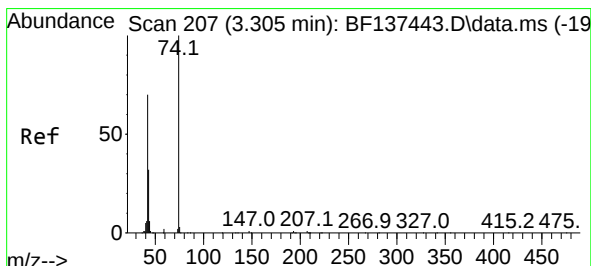
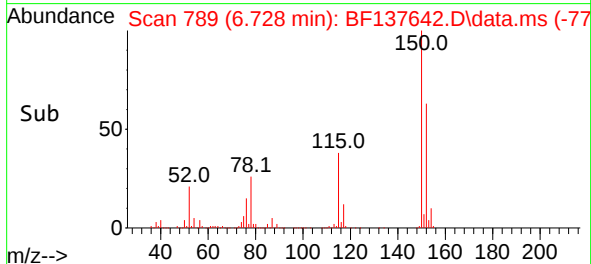
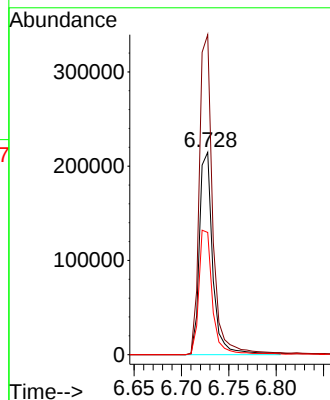
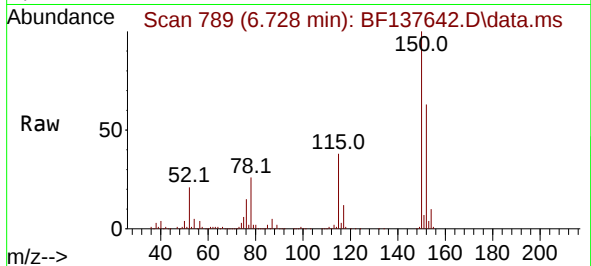




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

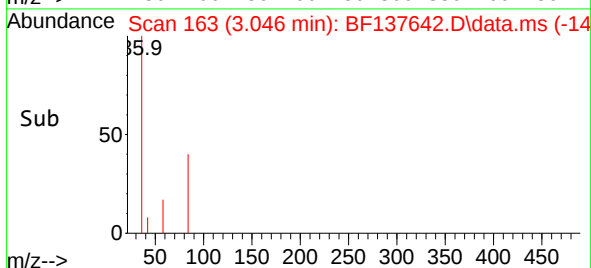
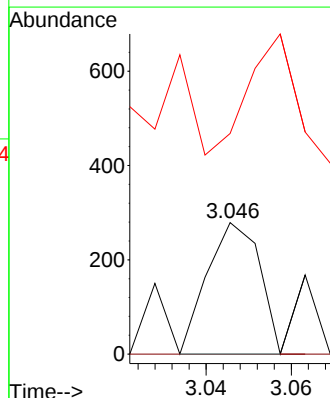
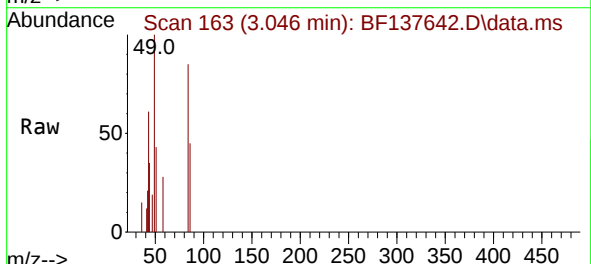
Instrument :
BNA_F
ClientSampleId :
PB159643BL

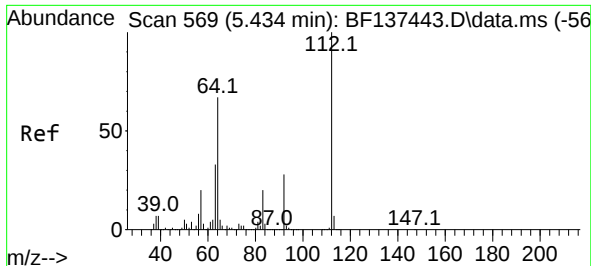
Tgt Ion:152 Resp: 211538
Ion Ratio Lower Upper
152 100
150 158.0 125.8 188.6
115 60.3 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.838 ng
RT: 3.046 min Scan# 163
Delta R.T. 0.006 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

Tgt Ion: 42 Resp: 239
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 167.7 7.0 10.4#

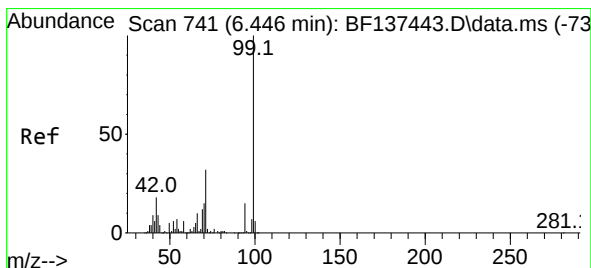
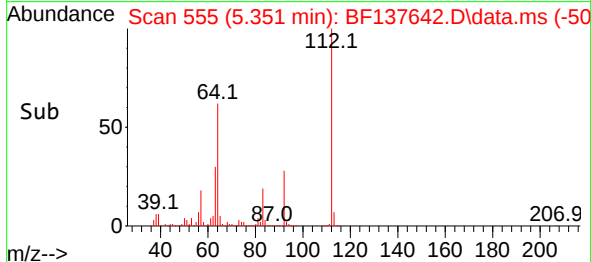
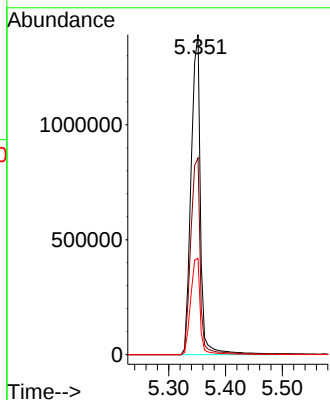
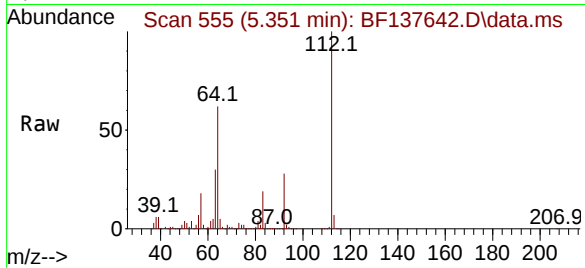




#5
2-Fluorophenol
Concen: 115.443 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

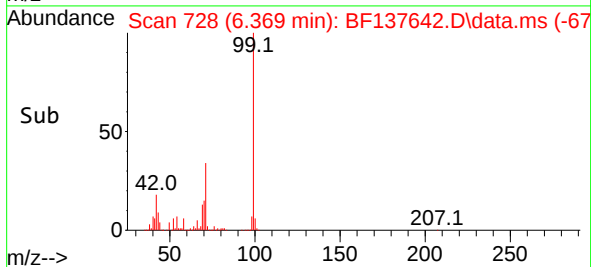
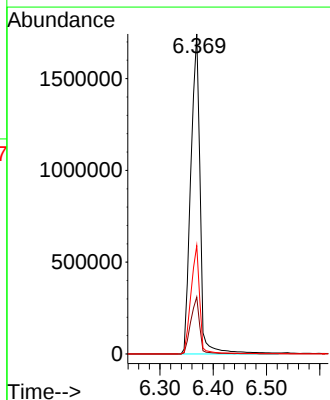
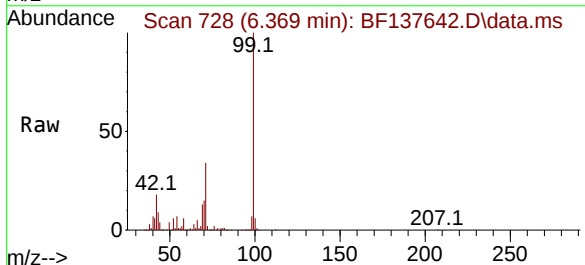
Instrument :
BNA_F
ClientSampleId :
PB159643BL

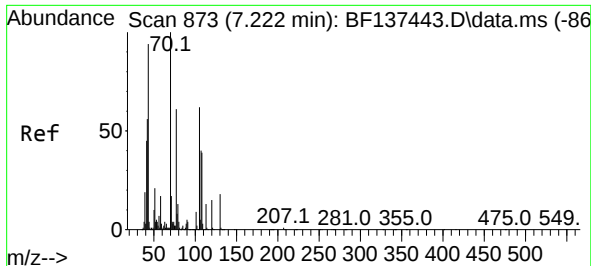
Tgt Ion:112 Resp: 1612405
Ion Ratio Lower Upper
112 100
64 61.5 53.4 80.2
63 30.0 26.2 39.2



#7
Phenol-d6
Concen: 105.906 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

Tgt Ion: 99 Resp: 2135184
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 33.9 25.3 37.9

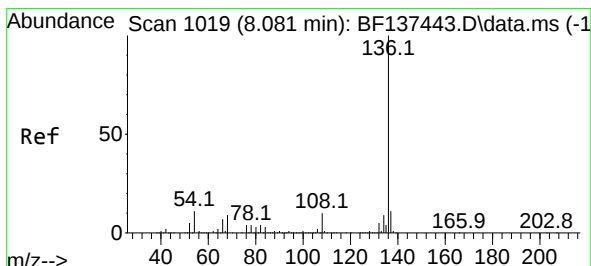
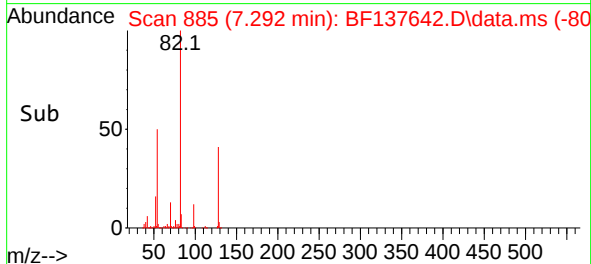
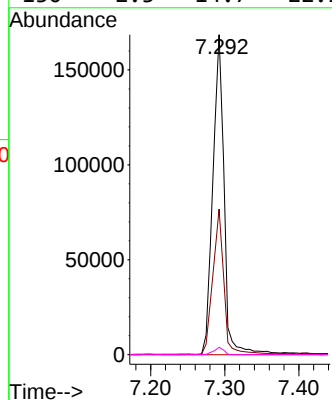
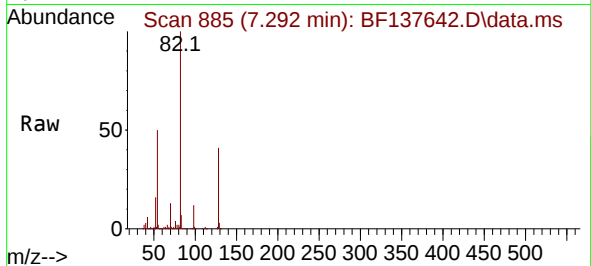




#19
n-Nitroso-di-n-propylamine
Concen: 14.293 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

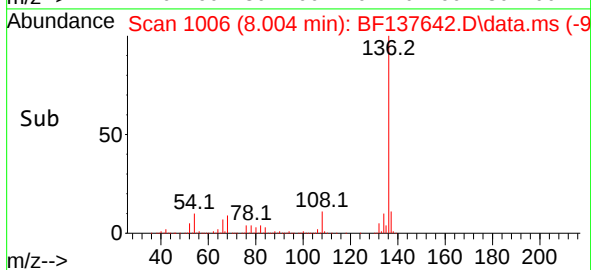
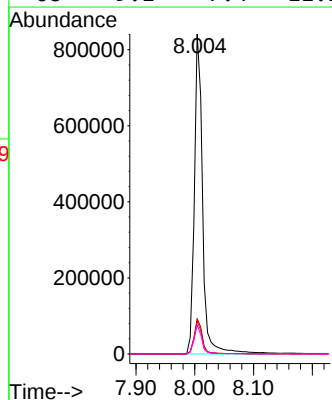
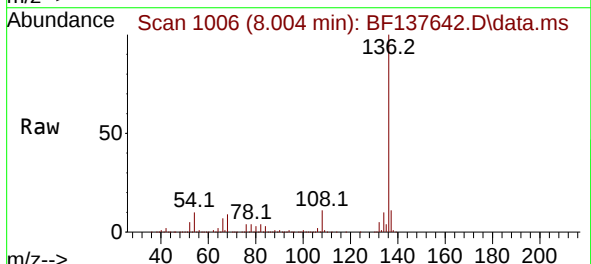
Instrument :
BNA_F
ClientSampleId :
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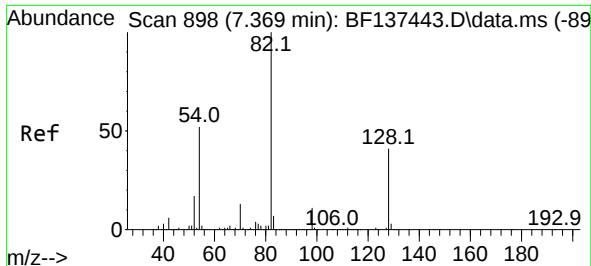
Tgt Ion: 70 Resp: 177945
Ion Ratio Lower Upper
70 100
42 45.5 45.2 67.8
101 0.0 7.3 10.9#
130 2.3 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

Tgt Ion:136 Resp: 817624
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 10.3 8.5 12.7
68 9.1 7.4 11.2

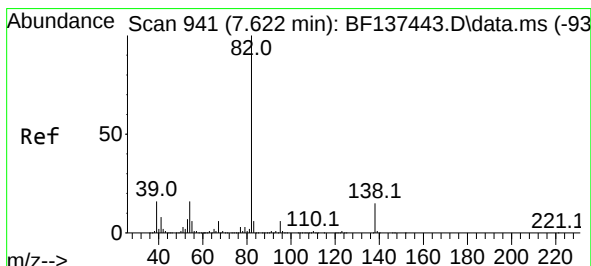
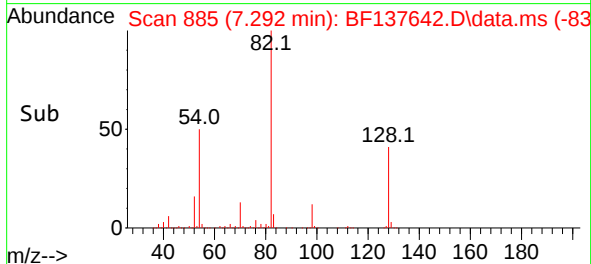
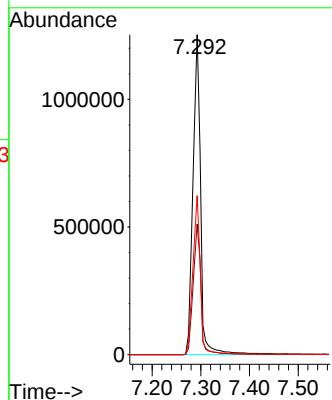
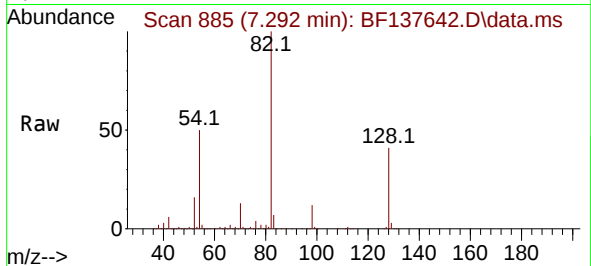




#23
Nitrobenzene-d5
Concen: 77.692 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

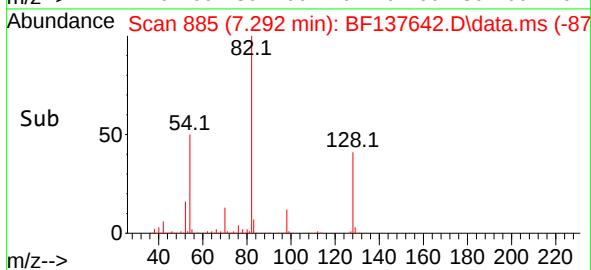
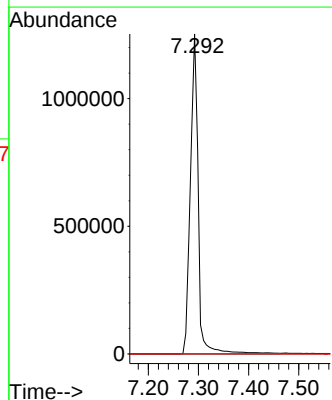
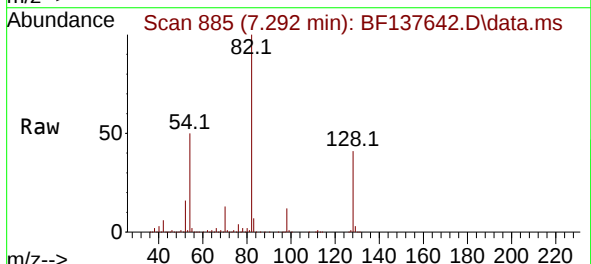
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ClientSampleId :
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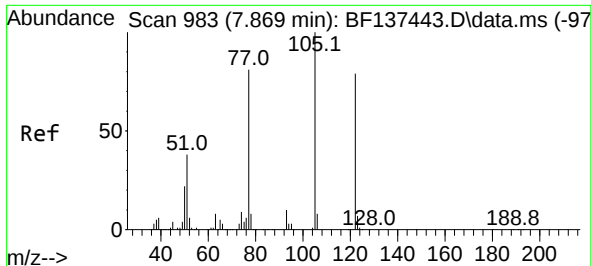
Tgt Ion: 82 Resp: 1367131
Ion Ratio Lower Upper
82 100
128 40.8 32.5 48.7
54 49.7 41.5 62.3



#25
Isophorone
Concen: 40.894 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.259 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

Tgt Ion: 82 Resp: 1367121
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#

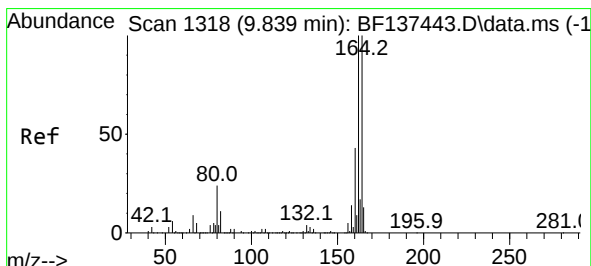
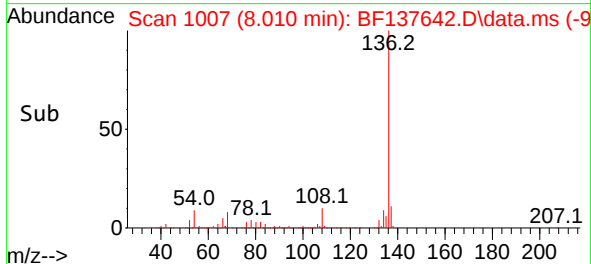
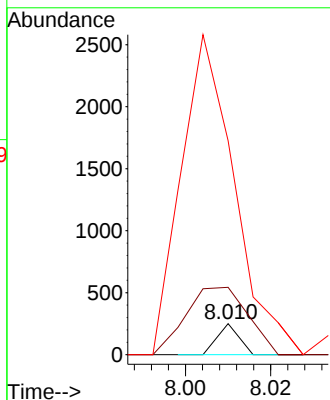
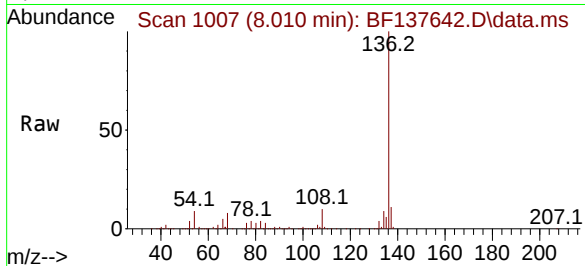




#32
Benzoic acid
Concen: 6.309 ng
RT: 8.010 min Scan# 10
Delta R.T. 0.212 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

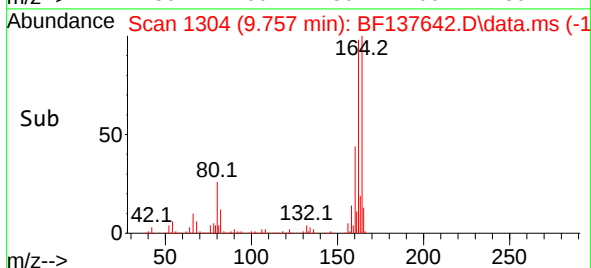
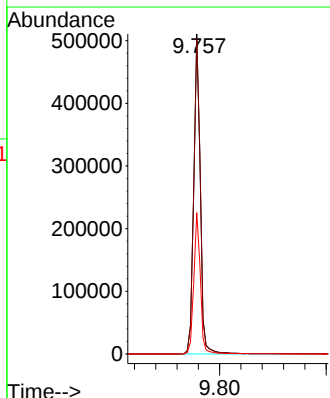
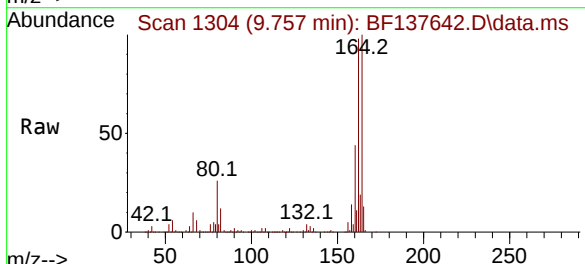
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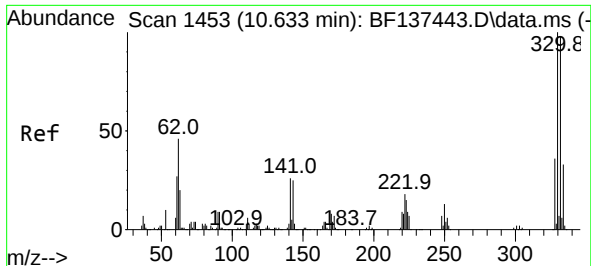
Tgt Ion:122 Resp: 89
Ion Ratio Lower Upper
122 100
105 216.7 102.4 142.4#
77 687.3 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

Tgt Ion:164 Resp: 436011
Ion Ratio Lower Upper
164 100
162 98.3 79.8 119.8
160 44.1 34.4 51.6

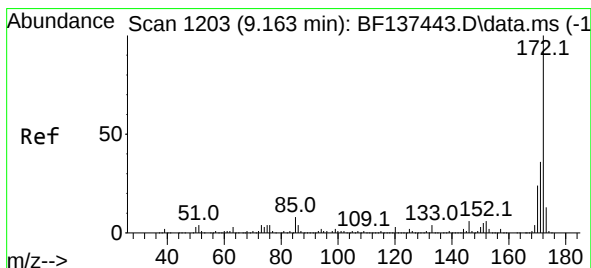
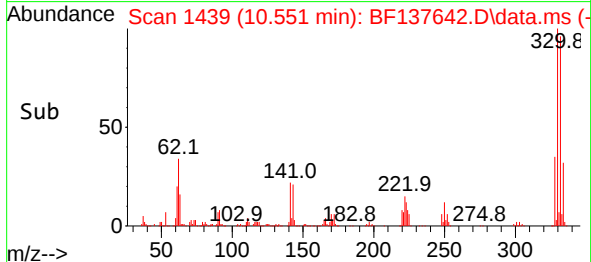
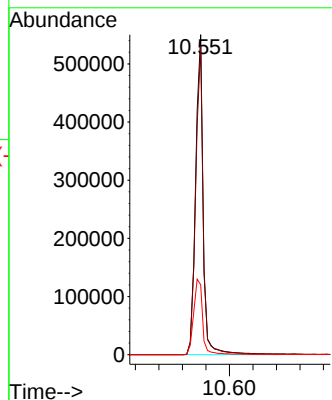
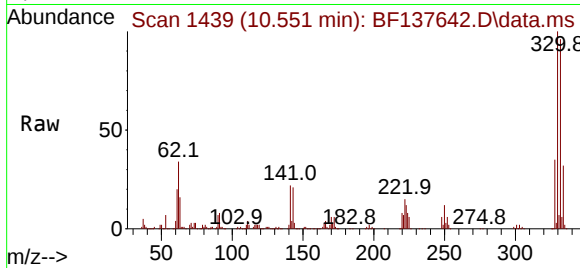




#42
 2,4,6-Tribromophenol
 Concen: 129.331 ng
 RT: 10.551 min Scan# 1453
 Delta R.T. -0.000 min
 Lab File: BF137642.D
 Acq: 19 Mar 2024 12:13

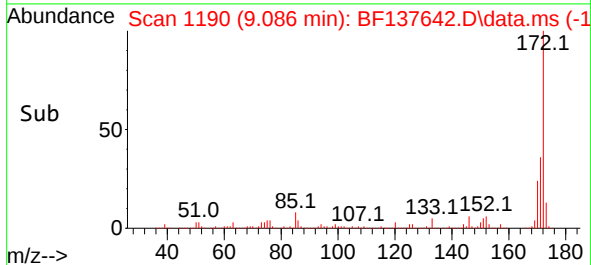
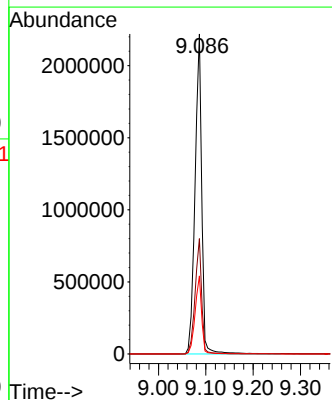
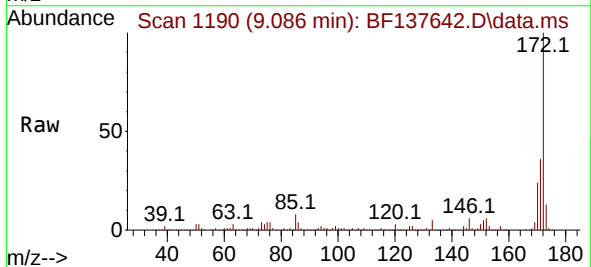
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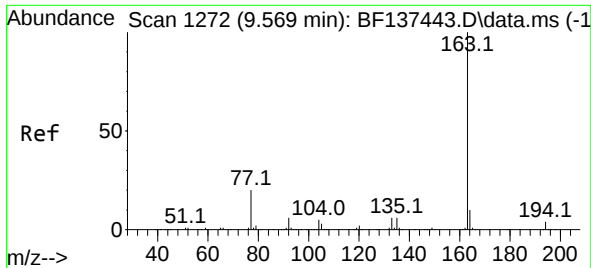
Tgt Ion:330 Resp: 495198
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.0 117.0
 141 28.2 27.3 40.9



#45
 2-Fluorobiphenyl
 Concen: 78.365 ng
 RT: 9.086 min Scan# 1190
 Delta R.T. -0.000 min
 Lab File: BF137642.D
 Acq: 19 Mar 2024 12:13

Tgt Ion:172 Resp: 2182768
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.4 19.0 28.6

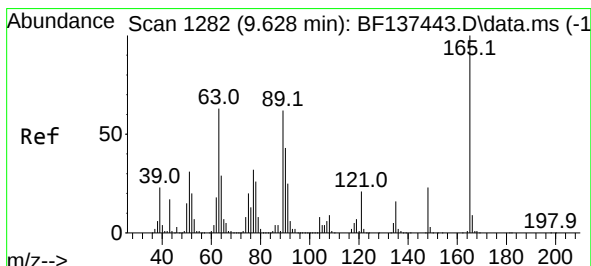
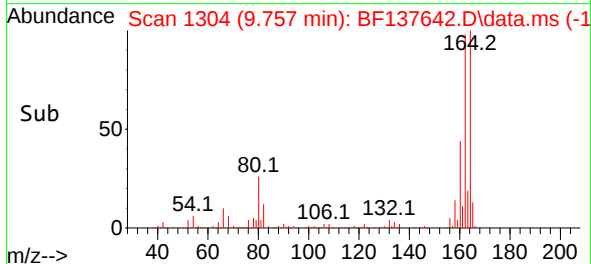
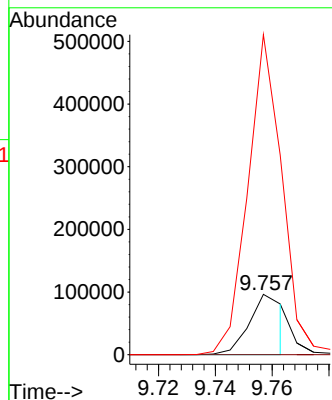
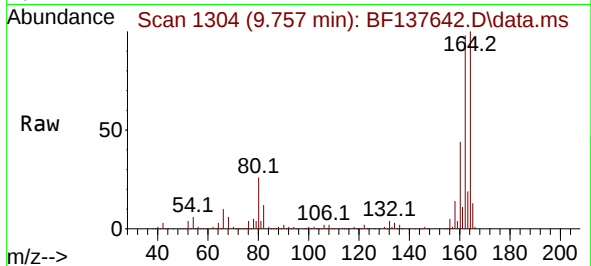




#50
Dimethylphthalate
Concen: 2.641 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

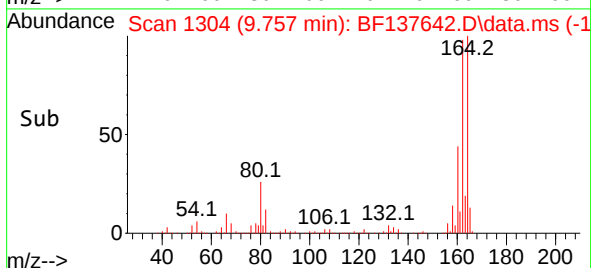
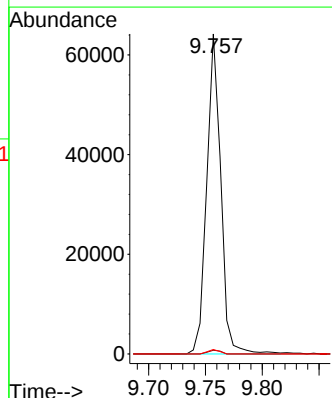
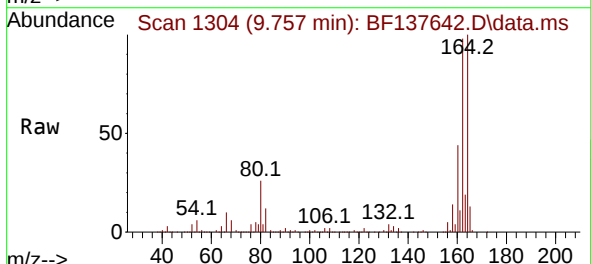
Instrument :
BNA_F
ClientSampleId :
PB159643BL

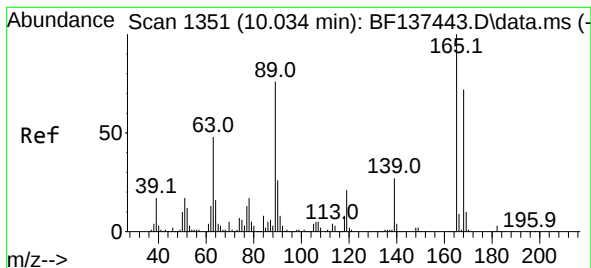
Tgt Ion:163 Resp: 80161
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 531.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.693 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

Tgt Ion:165 Resp: 55185
Ion Ratio Lower Upper
165 100
63 1.2 50.7 76.1#
89 1.4 50.0 75.0#

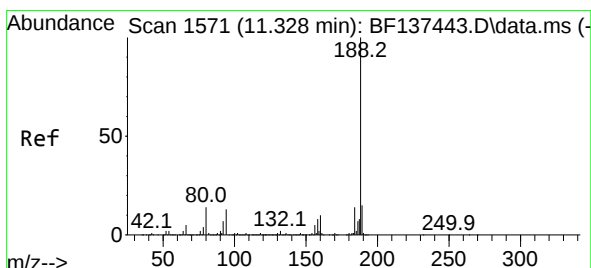
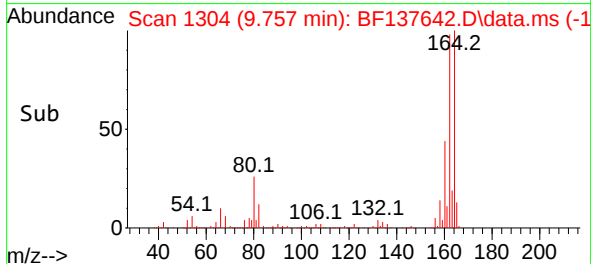
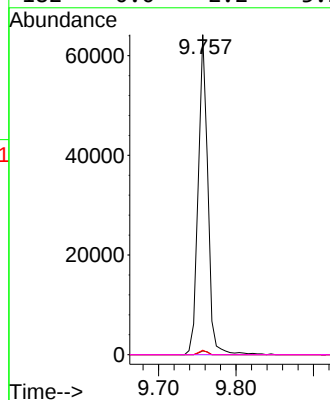
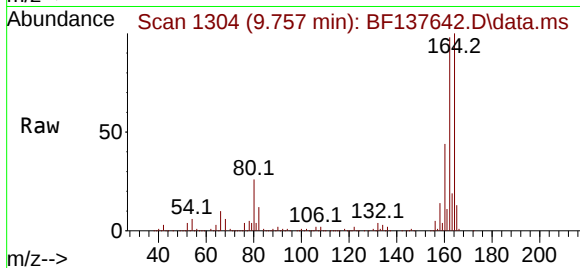




#57
2,4-Dinitrotoluene
Concen: 7.109 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

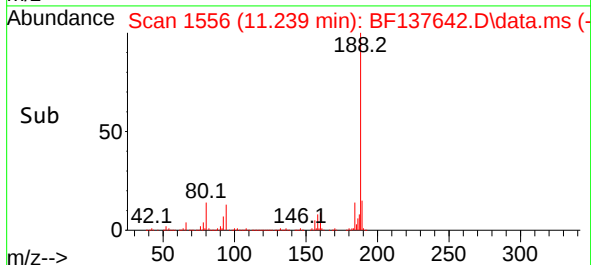
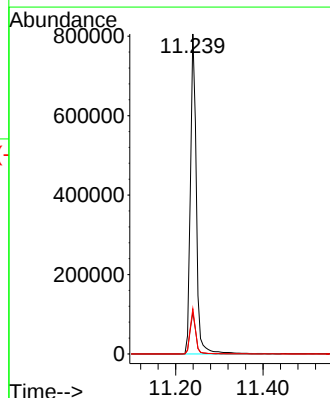
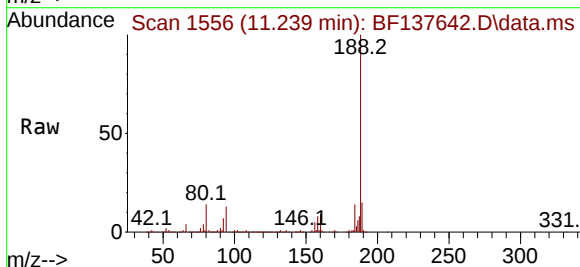
Instrument :
BNA_F
ClientSampleId :
PB159643BL

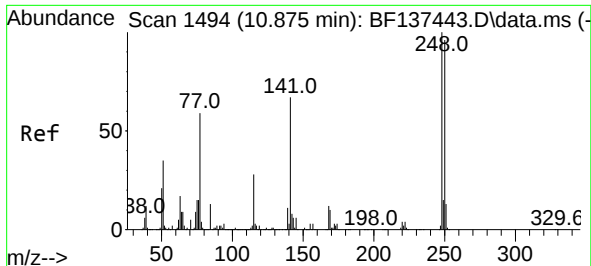
Tgt Ion:165 Resp: 55446
Ion Ratio Lower Upper
165 100
63 1.2 39.0 58.6#
89 1.4 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

Tgt Ion:188 Resp: 756396
Ion Ratio Lower Upper
188 100
94 12.9 10.6 15.8
80 14.1 11.5 17.3

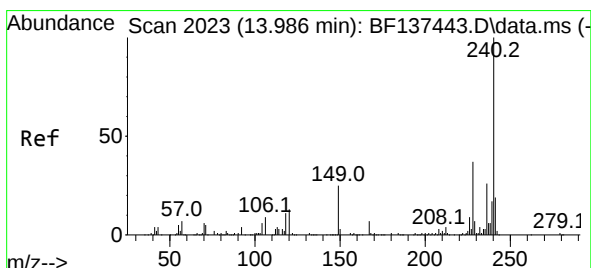
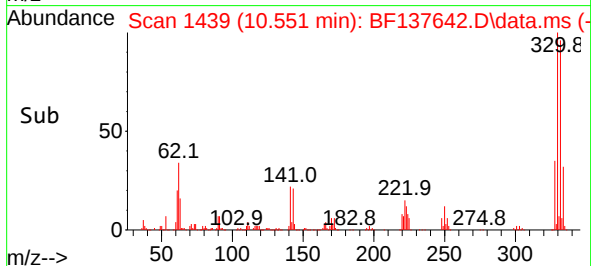
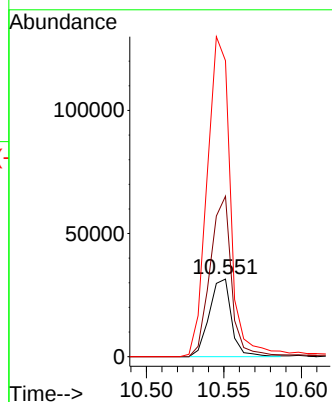
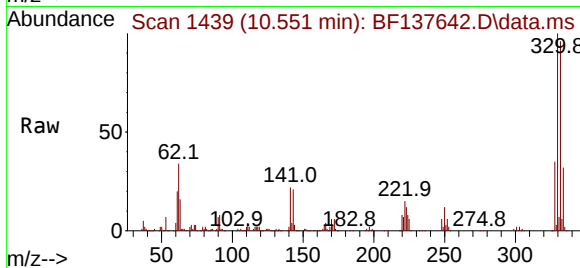




#67
4-Bromophenyl-phenylether
Concen: 3.829 ng
RT: 10.551 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

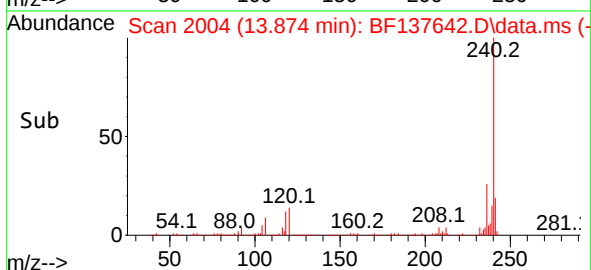
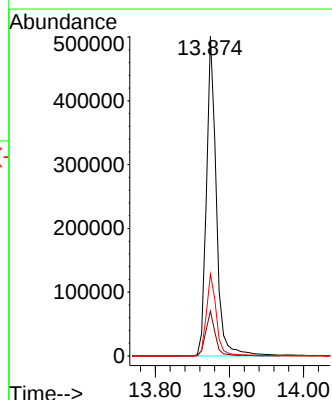
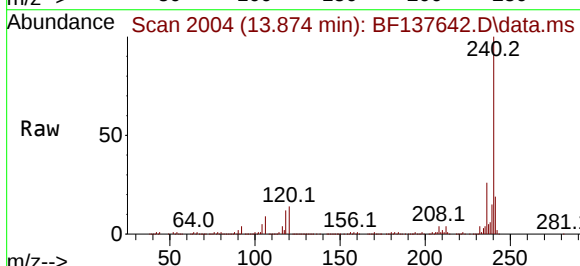
Instrument :
BNA_F
ClientSampleId :
PB159643BL

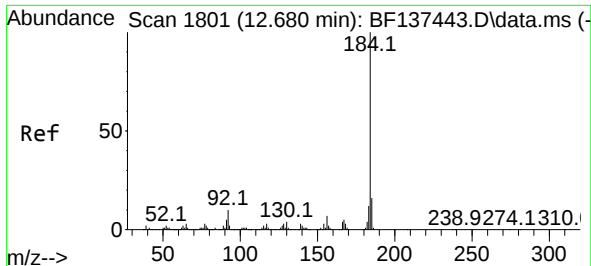
Tgt Ion:248 Resp: 31549
Ion Ratio Lower Upper
248 100
250 206.8 76.8 115.2#
141 381.6 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

Tgt Ion:240 Resp: 467146
Ion Ratio Lower Upper
240 100
120 14.0 10.4 15.6
236 25.6 20.9 31.3

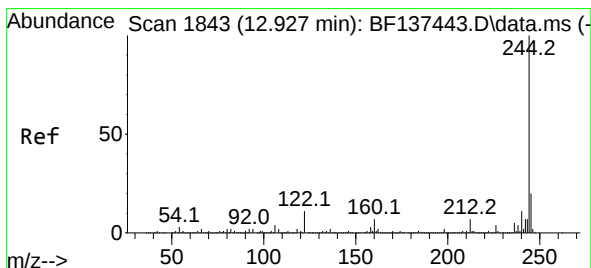
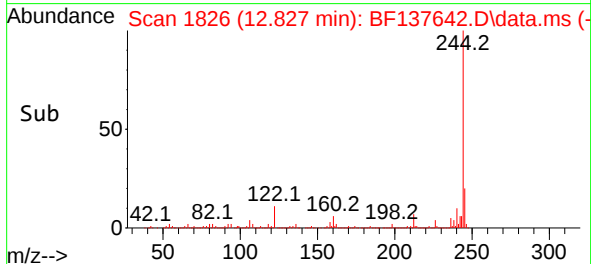
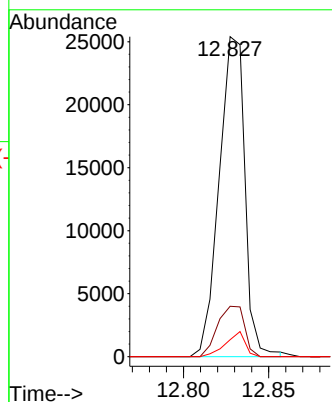
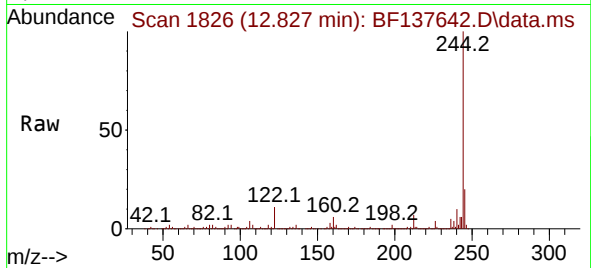




#77
Benzidine
Concen: 2.335 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

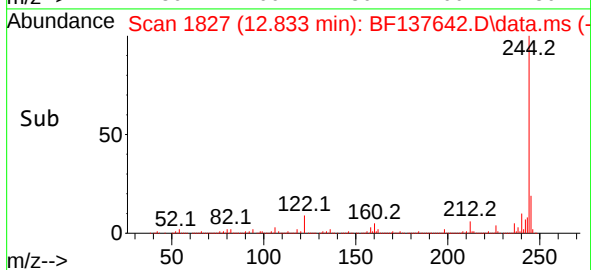
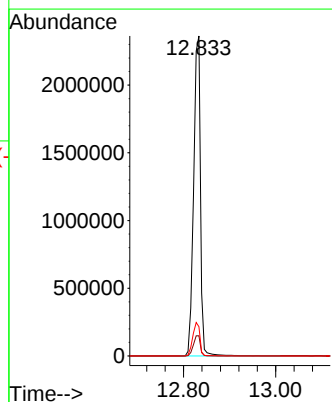
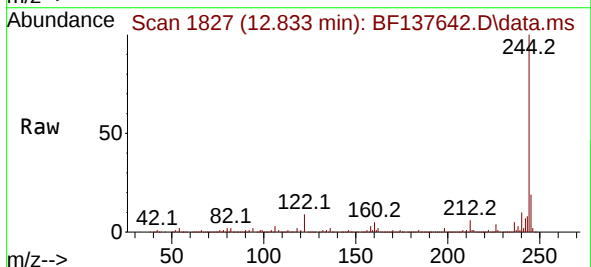
Instrument :
BNA_F
ClientSampleId :
PB159643BL

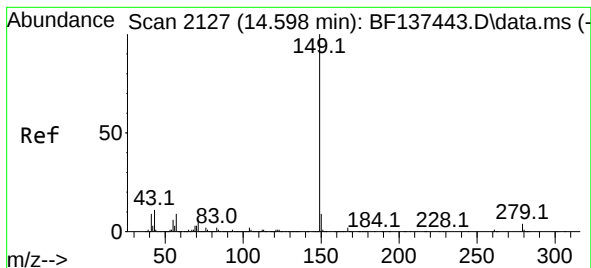
Tgt Ion:184 Resp: 26694
Ion Ratio Lower Upper
184 100
185 15.7 13.2 19.8
183 5.3 9.3 13.9#



#79
Terphenyl-d14
Concen: 71.079 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF137642.D
Acq: 19 Mar 2024 12:13

Tgt Ion:244 Resp: 2414667
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.2
122 9.1 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.623 ng

RT: 14.474 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137642.D

Acq: 19 Mar 2024 12:13

Instrument :

BNA_F

ClientSampleId :

PB159643BL

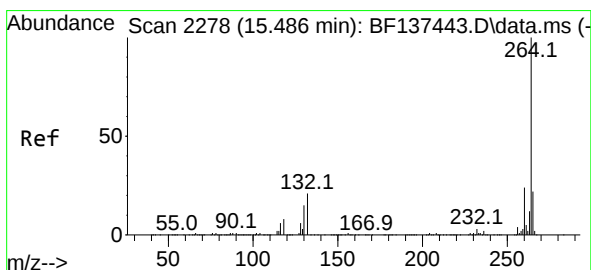
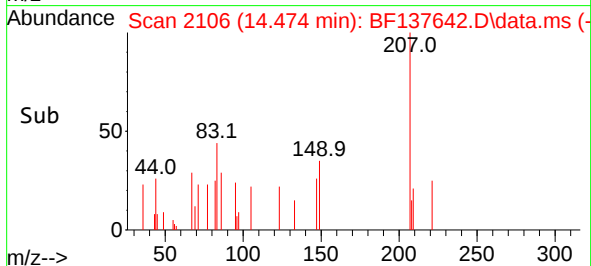
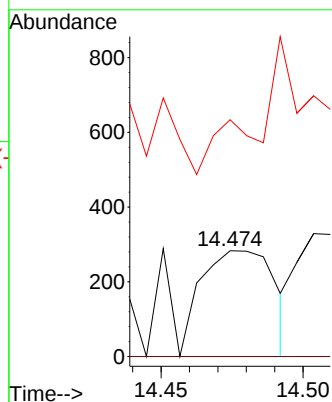
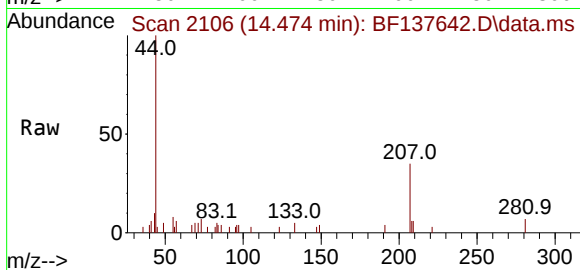
Tgt Ion:149 Resp: 509

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 180.7 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.000 min

Lab File: BF137642.D

Acq: 19 Mar 2024 12:13

Tgt Ion:264 Resp: 399215

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.0 17.4 26.0

