

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
 Data File : BF137527.D
 Acq On : 07 Mar 2024 13:41
 Operator : CG\JU
 Sample : PB159470BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159470BL

Quant Time: Mar 07 14:19:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

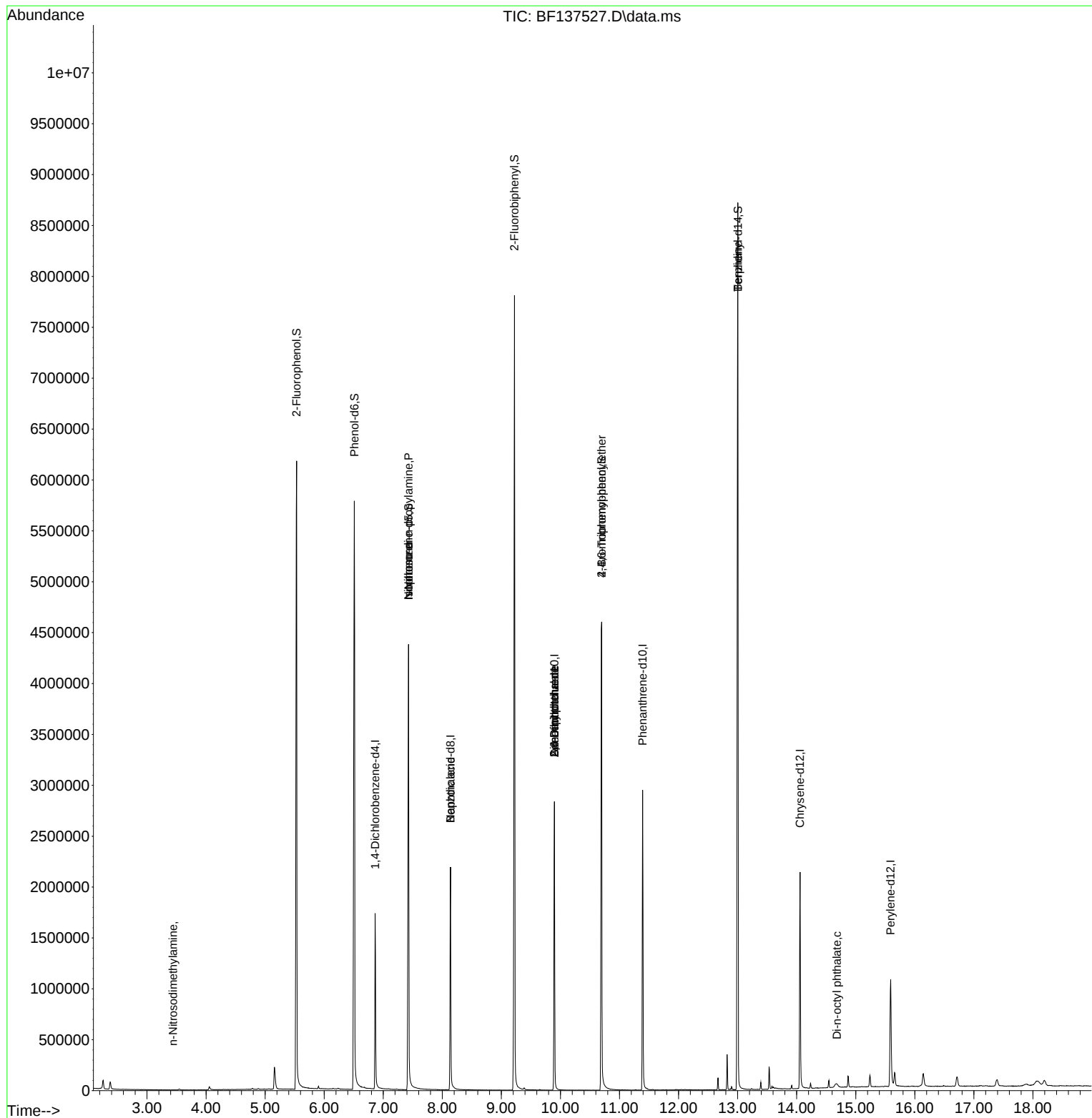
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	252512	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	1023866	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	572569	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	1080191	20.000	ng	0.00
76) Chrysene-d12	14.057	240	741061	20.000	ng	0.00
86) Perylene-d12	15.592	264	580522	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1888734	113.284	ng	0.02
7) Phenol-d6	6.510	99	2683418	111.501	ng	0.00
23) Nitrobenzene-d5	7.428	82	1677559	76.129	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	676848	134.612	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2687808	73.483	ng	0.00
79) Terphenyl-d14	13.004	244	3600604	66.812	ng	0.01
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.440	42	95	3.818	ng	# 1
19) n-Nitroso-di-n-propyla...	7.428	70	222348	14.962	ng	# 79
25) Isophorone	7.428	82	1675398	40.020	ng	# 69
32) Benzoic acid	8.139	122	194	6.316	ng	# 1
50) Dimethylphthalate	9.898	163	117344	2.944	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	74691	8.959	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	74691	7.293	ng	# 21
67) 4-Bromophenyl-phenylether	10.698	248	44320	3.767	ng	# 1
77) Benzidine	13.004	184	40865	2.253	ng	# 94
85) Di-n-octyl phthalate	14.680	149	397	5.615	ng	# 68

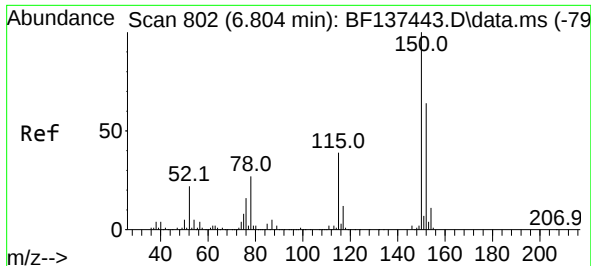
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
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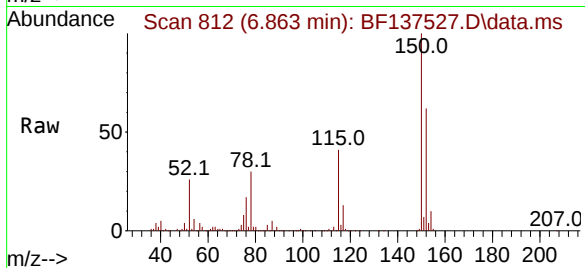
Quant Time: Mar 07 14:19:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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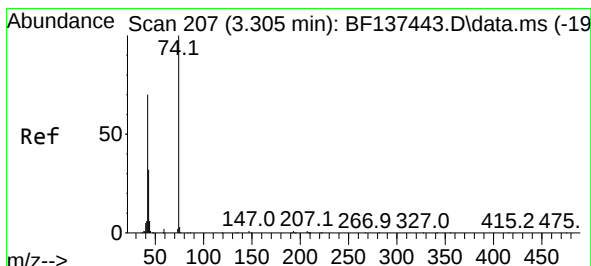
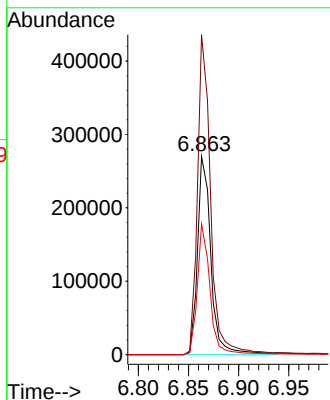
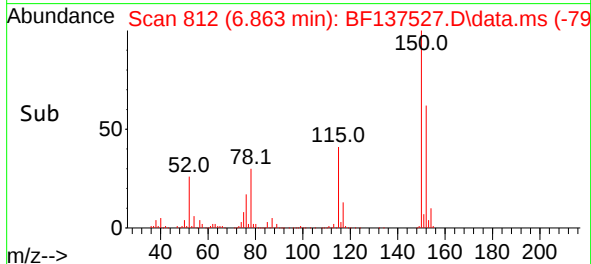


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF137527.D
Acq: 07 Mar 2024 13:41

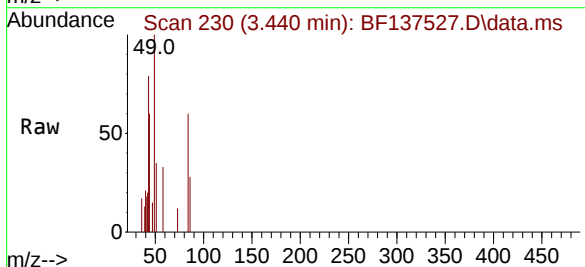
Instrument :
BNA_F
ClientSampleId :
PB159470BL



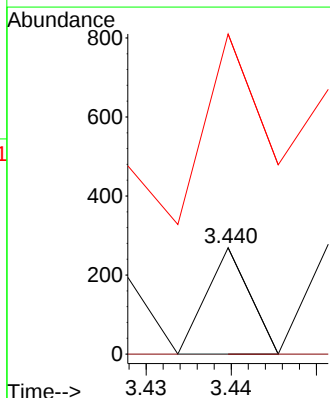
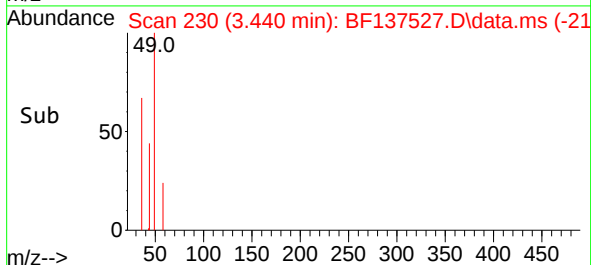
Tgt Ion:152 Resp: 252512
Ion Ratio Lower Upper
152 100
150 161.4 125.8 188.6
115 65.9 48.8 73.2

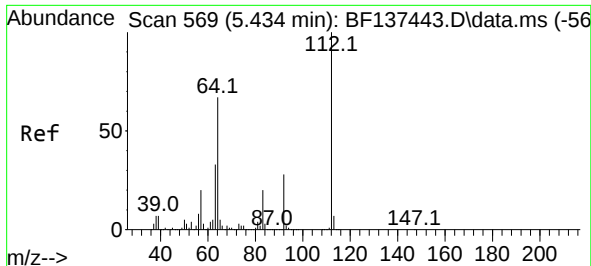


#4
n-Nitrosodimethylamine
Concen: 3.818 ng
RT: 3.440 min Scan# 230
Delta R.T. -0.006 min
Lab File: BF137527.D
Acq: 07 Mar 2024 13:41



Tgt Ion: 42 Resp: 95
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 301.1 7.0 10.4#

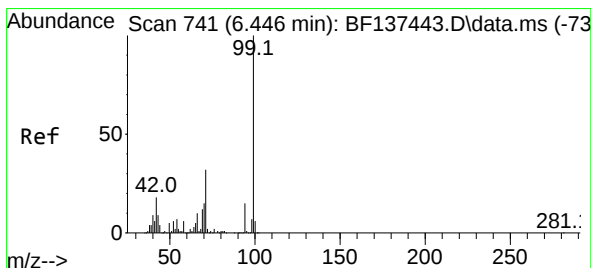
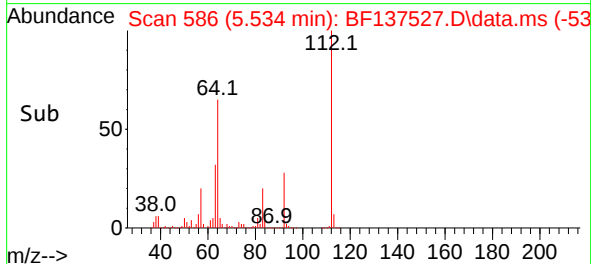
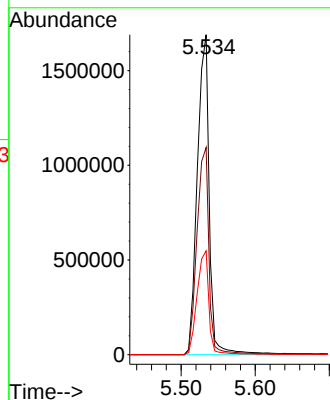
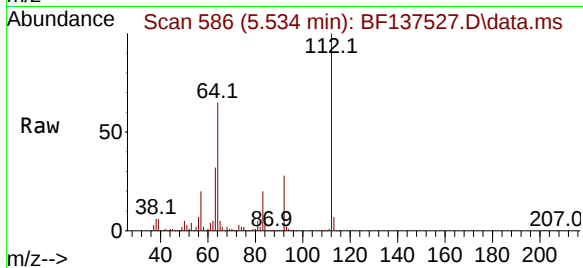




#5
2-Fluorophenol
Concen: 113.284 ng
RT: 5.534 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137527.D
Acq: 07 Mar 2024 13:41

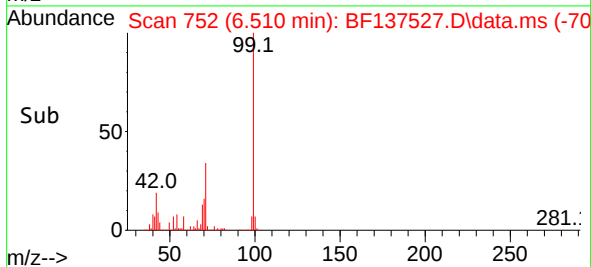
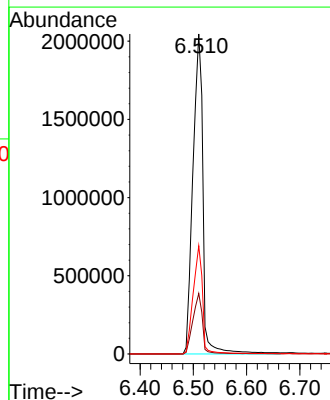
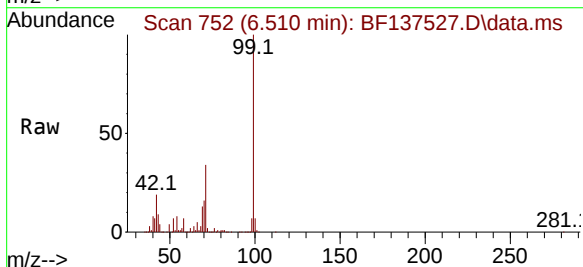
Instrument :
BNA_F
ClientSampleId :
PB159470BL

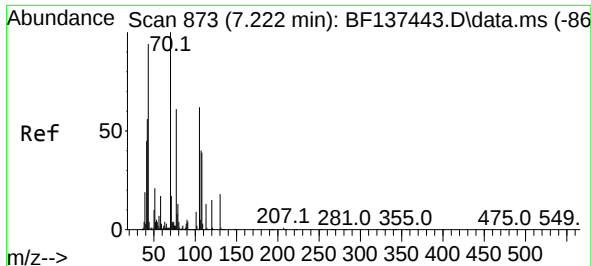
Tgt Ion:112 Resp: 1888734
Ion Ratio Lower Upper
112 100
64 64.8 53.4 80.2
63 32.5 26.2 39.2



#7
Phenol-d6
Concen: 111.501 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF137527.D
Acq: 07 Mar 2024 13:41

Tgt Ion: 99 Resp: 2683418
Ion Ratio Lower Upper
99 100
42 18.9 14.6 21.8
71 33.8 25.3 37.9

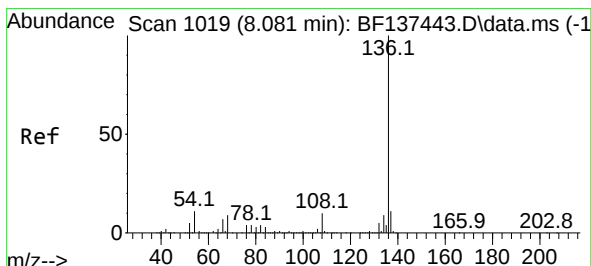
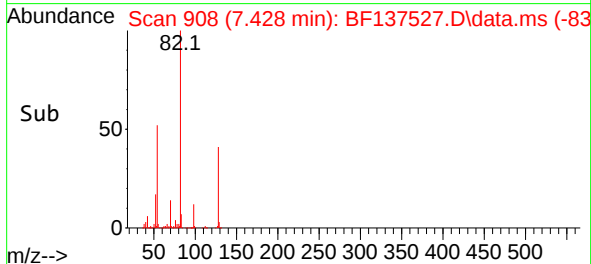
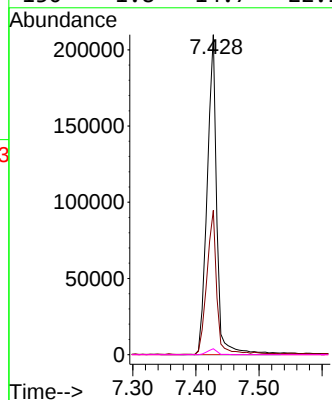
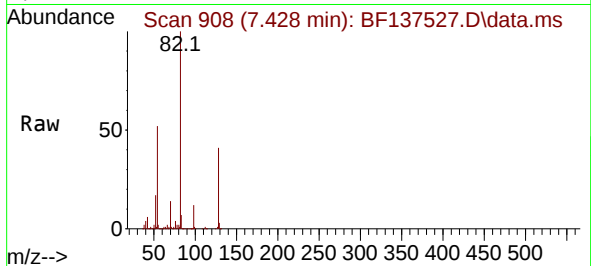




#19
n-Nitroso-di-n-propylamine
Concen: 14.962 ng
RT: 7.428 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF137527.D
Acq: 07 Mar 2024 13:41

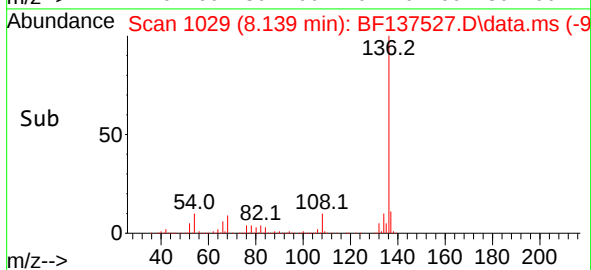
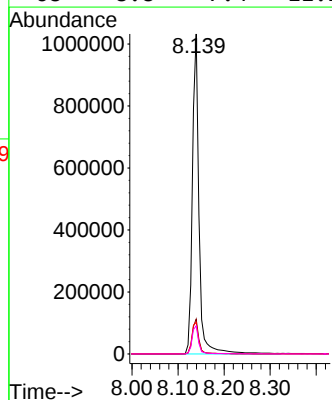
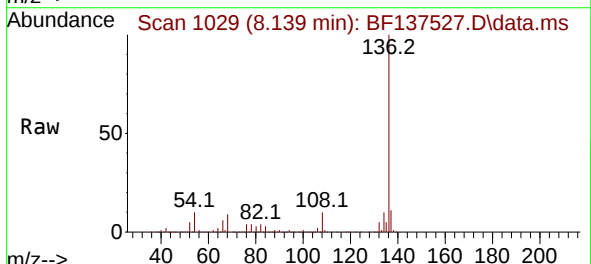
Instrument :
BNA_F
ClientSampleId :
PB159470BL

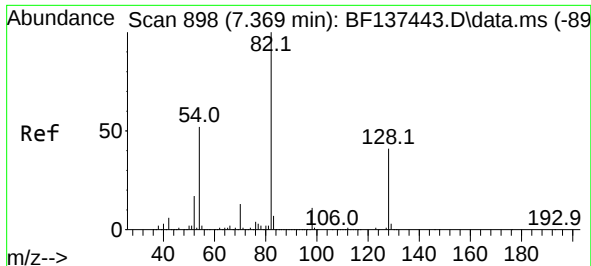
Tgt Ion: 70 Resp: 222348
Ion Ratio Lower Upper
70 100
42 45.1 45.2 67.8#
101 0.0 7.3 10.9#
130 1.8 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.006 min
Lab File: BF137527.D
Acq: 07 Mar 2024 13:41

Tgt Ion:136 Resp: 1023866
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 9.9 8.5 12.7
68 8.8 7.4 11.2





#23

Nitrobenzene-d5

Concen: 76.129 ng

RT: 7.428 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF137527.D

Acq: 07 Mar 2024 13:41

Instrument :

BNA_F

ClientSampleId :

PB159470BL

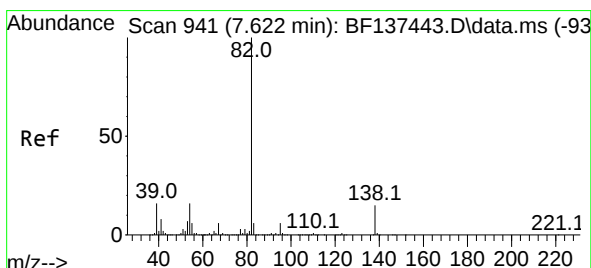
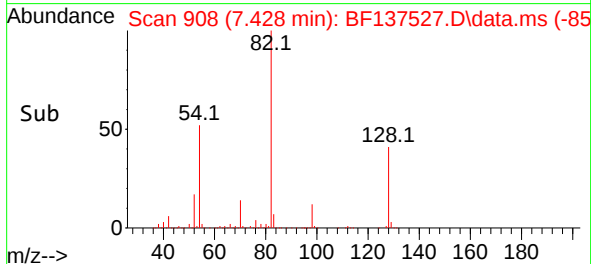
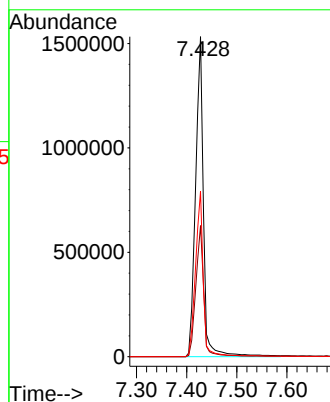
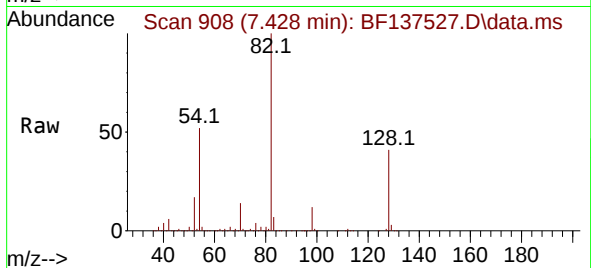
Tgt Ion: 82 Resp: 1677559

Ion Ratio Lower Upper

82 100

128 40.9 32.5 48.7

54 51.6 41.5 62.3



#25

Isophorone

Concen: 40.020 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.253 min

Lab File: BF137527.D

Acq: 07 Mar 2024 13:41

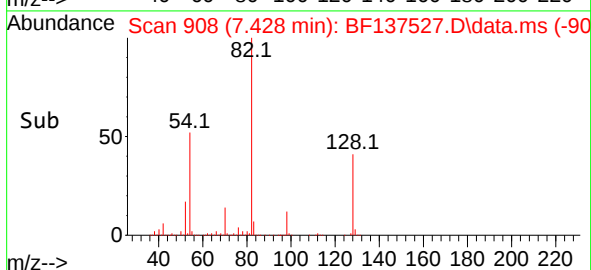
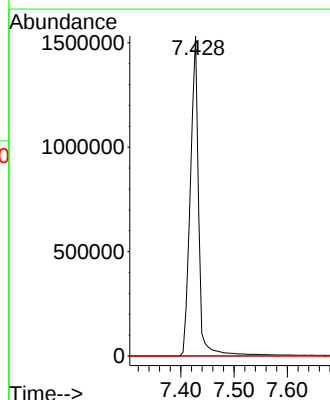
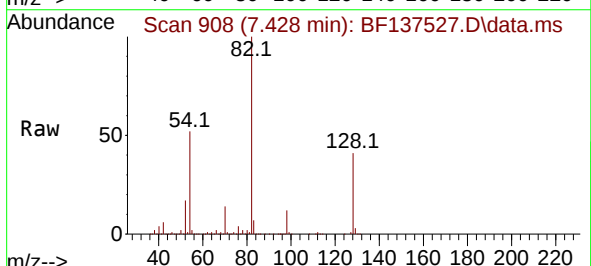
Tgt Ion: 82 Resp: 1675398

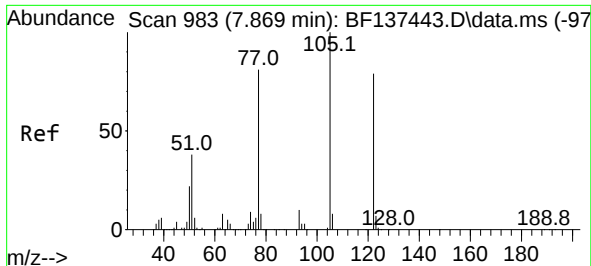
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

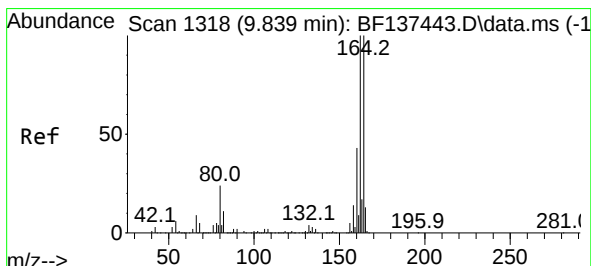
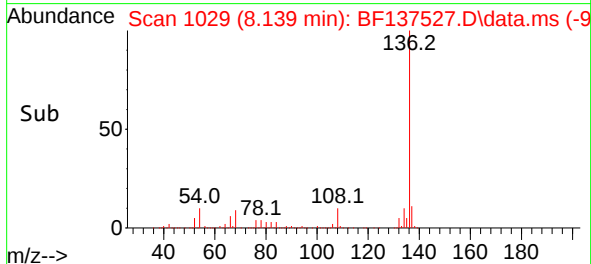
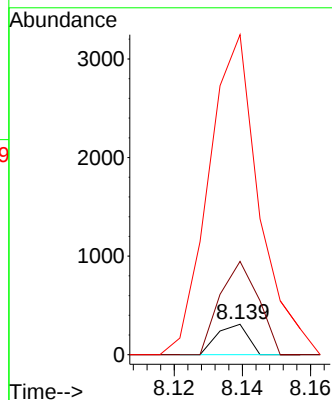
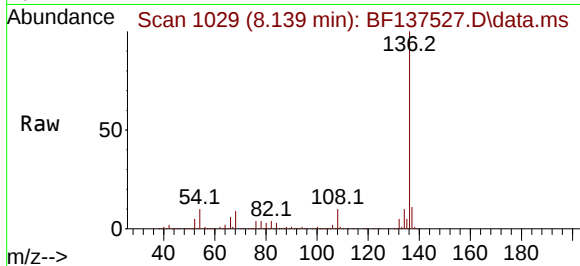




#32
Benzoic acid
Concen: 6.316 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.212 min
Lab File: BF137527.D
Acq: 07 Mar 2024 13:41

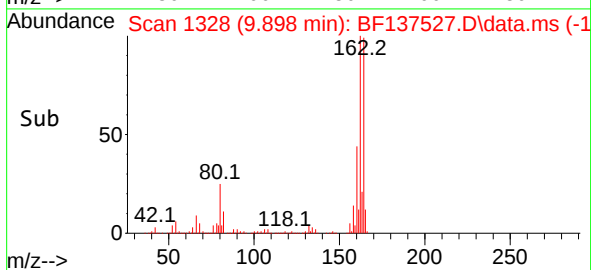
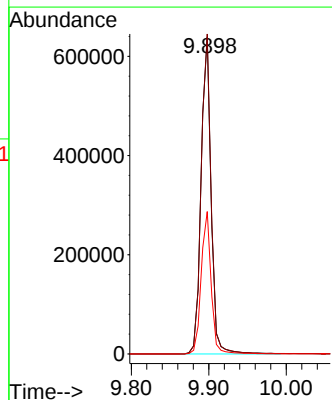
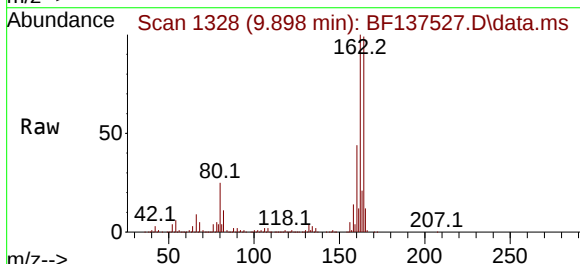
Instrument :
BNA_F
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PB159470BL

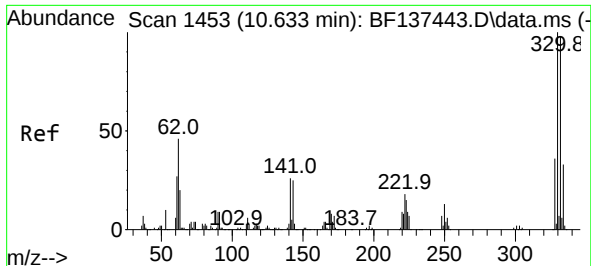
Tgt Ion:122 Resp: 194
Ion Ratio Lower Upper
122 100
105 307.1 102.4 142.4#
77 1053.9 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF137527.D
Acq: 07 Mar 2024 13:41

Tgt Ion:164 Resp: 572569
Ion Ratio Lower Upper
164 100
162 101.0 79.8 119.8
160 44.9 34.4 51.6

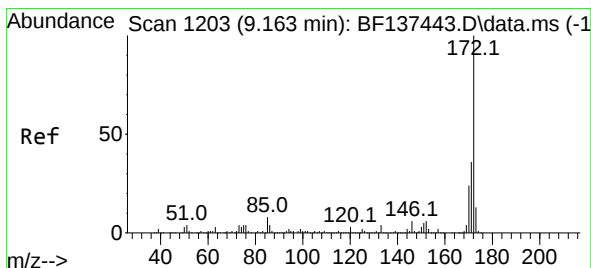
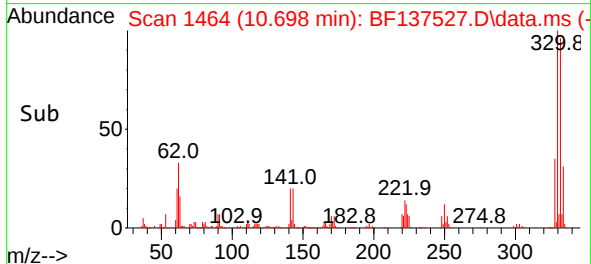
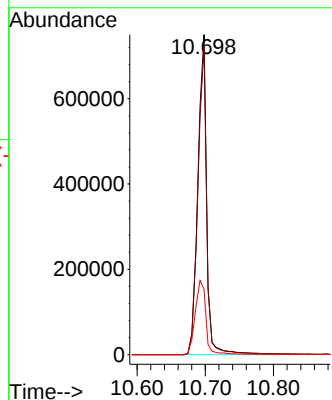
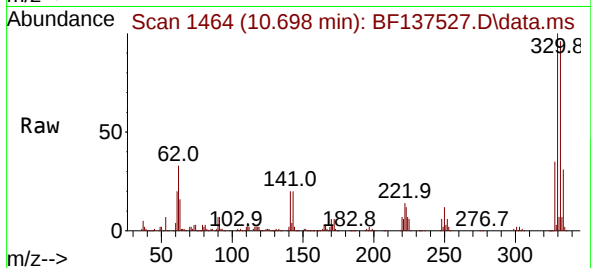




#42
2,4,6-Tribromophenol
Concen: 134.612 ng
RT: 10.698 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF137527.D
Acq: 07 Mar 2024 13:41

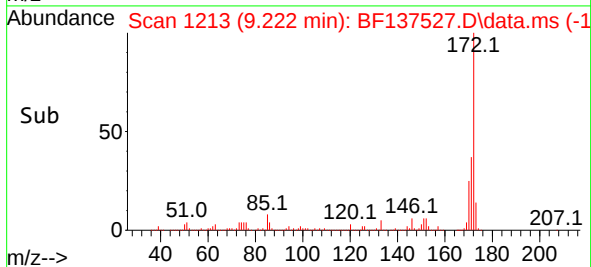
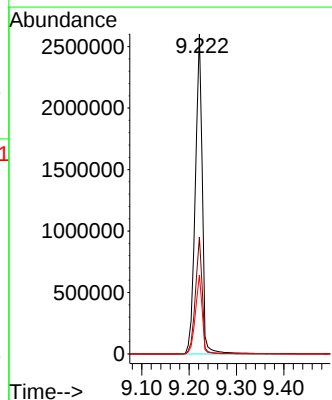
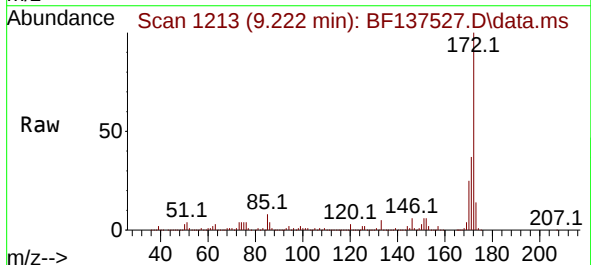
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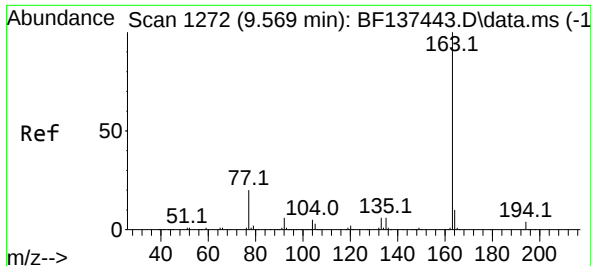
Tgt Ion:330 Resp: 676848
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 28.5 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 73.483 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF137527.D
Acq: 07 Mar 2024 13:41

Tgt Ion:172 Resp: 2687808
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.7 19.0 28.6

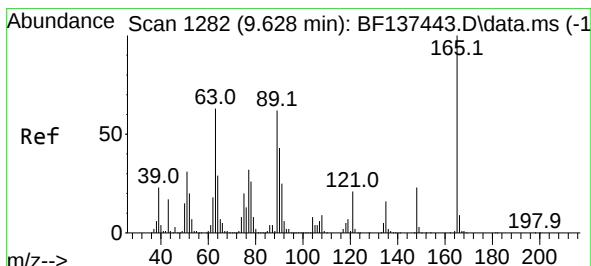
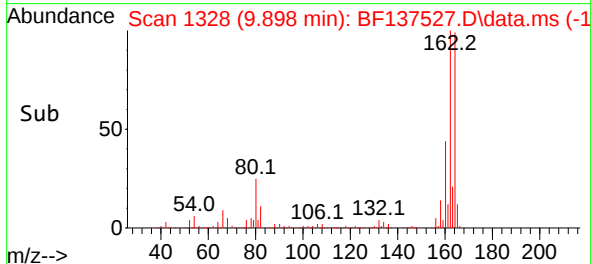
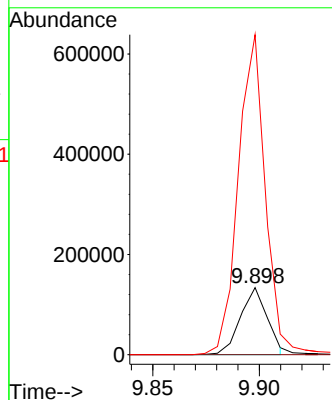
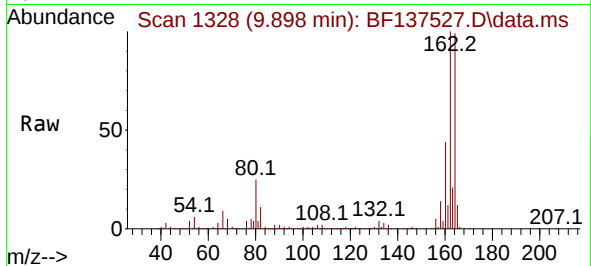




#50
Dimethylphthalate
Concen: 2.944 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.271 min
Lab File: BF137527.D
Acq: 07 Mar 2024 13:41

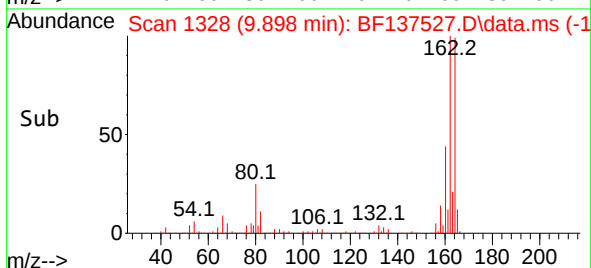
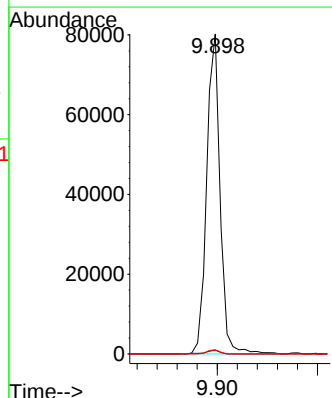
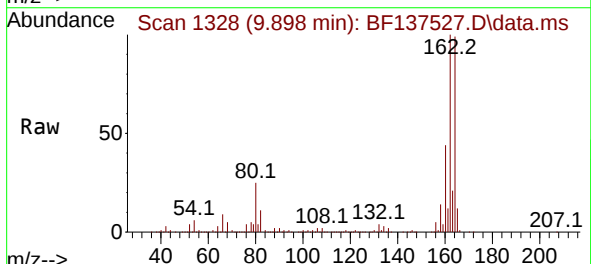
Instrument :
BNA_F
ClientSampleId :
PB159470BL

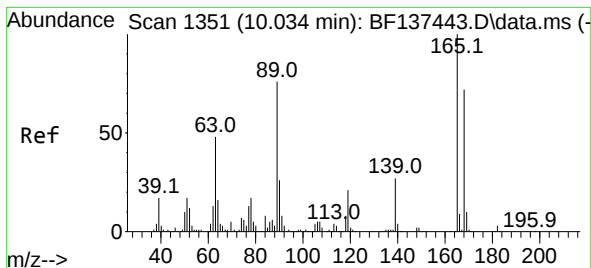
Tgt Ion:163 Resp: 117344
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 476.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.959 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF137527.D
Acq: 07 Mar 2024 13:41

Tgt Ion:165 Resp: 74691
Ion Ratio Lower Upper
165 100
63 1.2 50.7 76.1#
89 1.3 50.0 75.0#

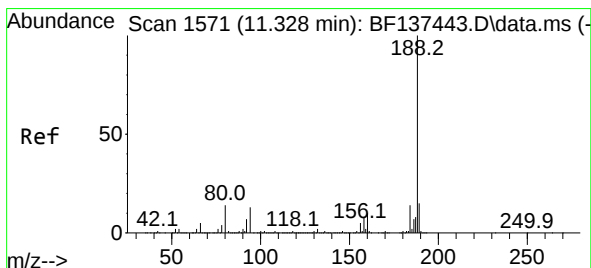
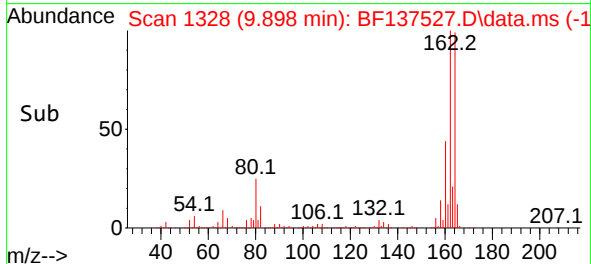
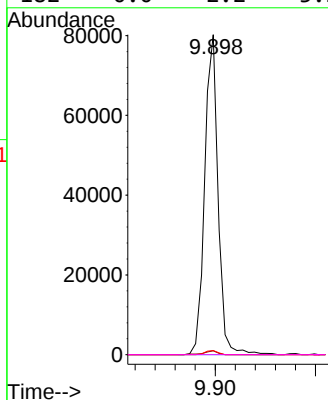
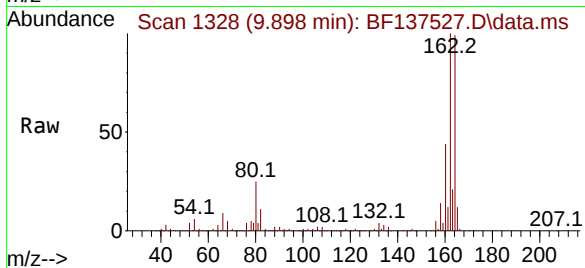




#57
2,4-Dinitrotoluene
Concen: 7.293 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137527.D
Acq: 07 Mar 2024 13:41

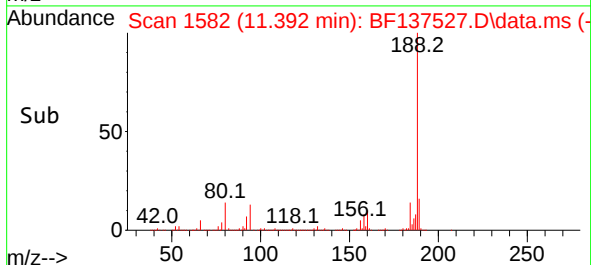
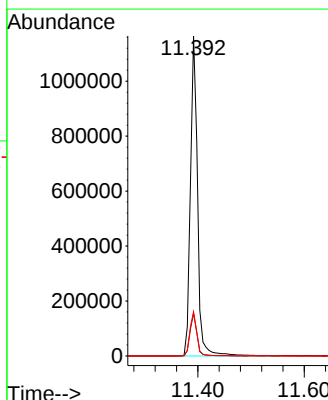
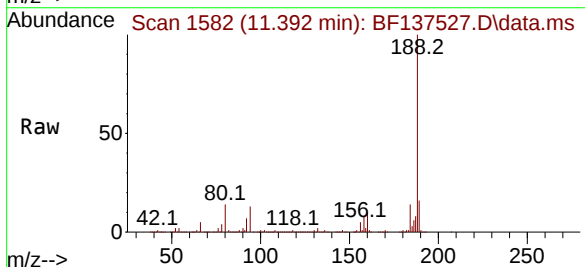
Instrument :
BNA_F
ClientSampleId :
PB159470BL

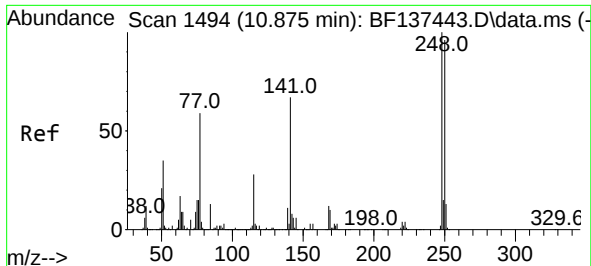
Tgt Ion:165 Resp: 74691
Ion Ratio Lower Upper
165 100
63 1.2 39.0 58.6#
89 1.3 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF137527.D
Acq: 07 Mar 2024 13:41

Tgt Ion:188 Resp: 1080191
Ion Ratio Lower Upper
188 100
94 13.3 10.6 15.8
80 13.9 11.5 17.3

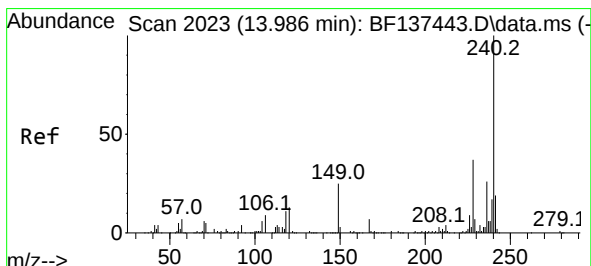
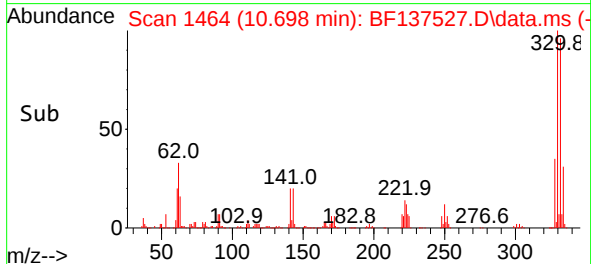
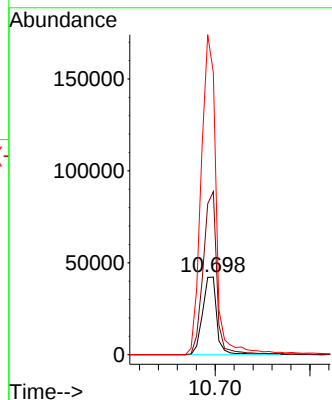
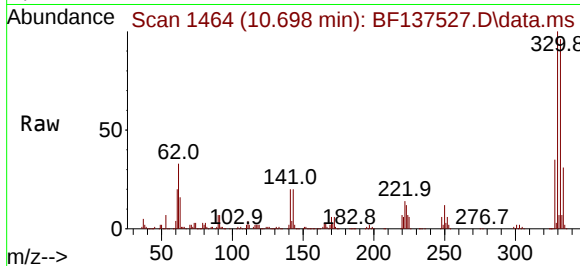




#67
4-Bromophenyl-phenylether
Concen: 3.767 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.235 min
Lab File: BF137527.D
Acq: 07 Mar 2024 13:41

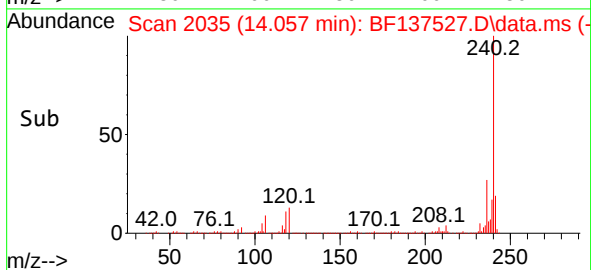
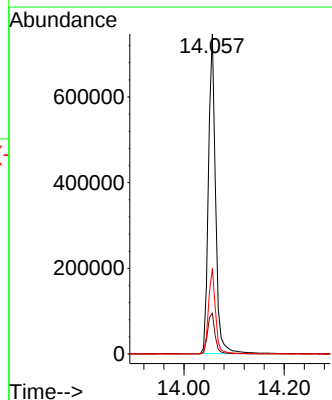
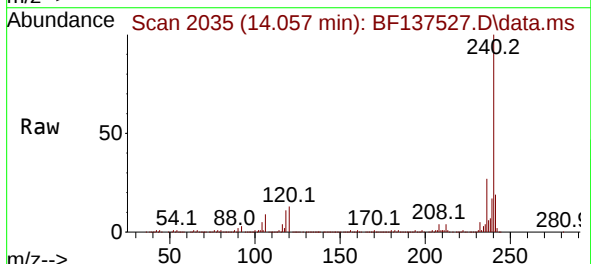
Instrument :
BNA_F
ClientSampleId :
PB159470BL

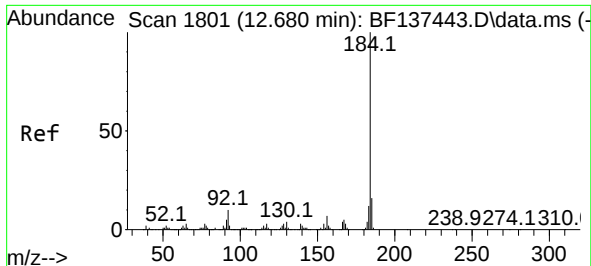
Tgt Ion:248 Resp: 44320
Ion Ratio Lower Upper
248 100
250 210.0 76.8 115.2#
141 363.3 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF137527.D
Acq: 07 Mar 2024 13:41

Tgt Ion:240 Resp: 741061
Ion Ratio Lower Upper
240 100
120 12.7 10.4 15.6
236 26.7 20.9 31.3

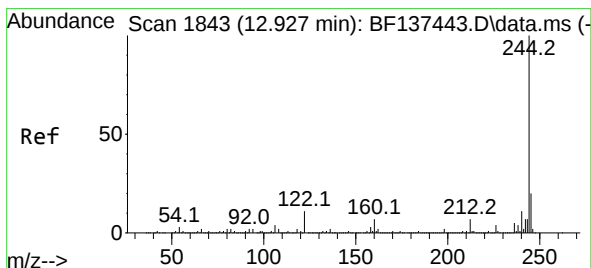
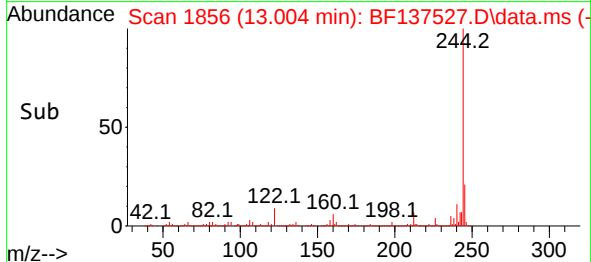
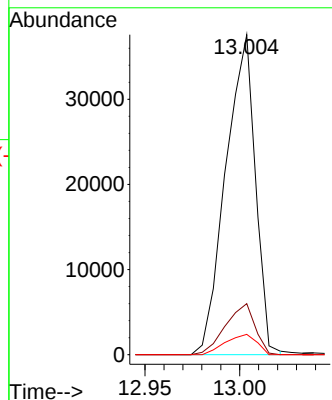
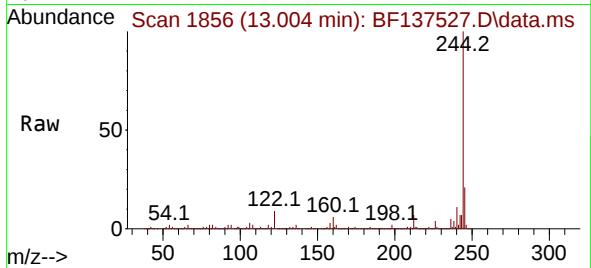




#77
Benzidine
Concen: 2.253 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.265 min
Lab File: BF137527.D
Acq: 07 Mar 2024 13:41

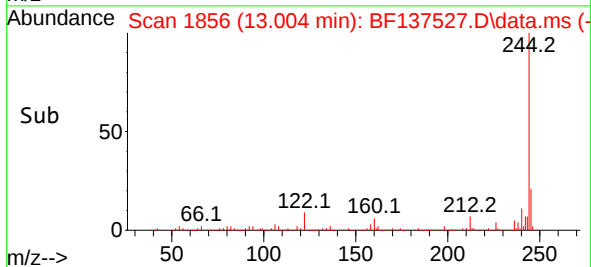
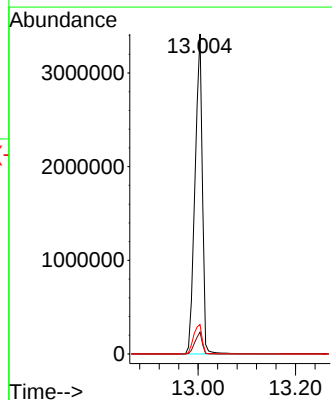
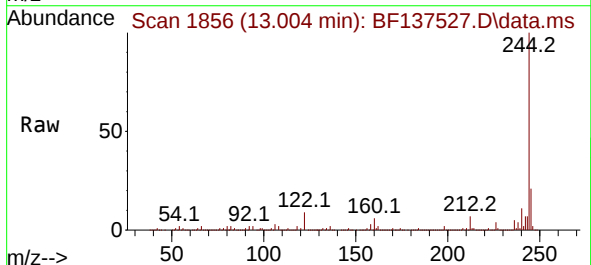
Instrument :
BNA_F
ClientSampleId :
PB159470BL

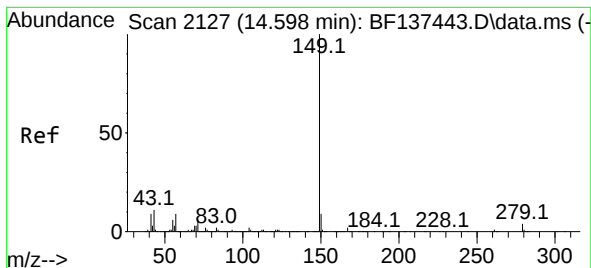
Tgt Ion:184 Resp: 40865
Ion Ratio Lower Upper
184 100
185 16.0 13.2 19.8
183 6.3 9.3 13.9#



#79
Terphenyl-d14
Concen: 66.812 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.012 min
Lab File: BF137527.D
Acq: 07 Mar 2024 13:41

Tgt Ion:244 Resp: 3600604
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 9.2 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.615 ng

RT: 14.680 min Scan# 2127

Delta R.T. 0.018 min

Lab File: BF137527.D

Acq: 07 Mar 2024 13:41

Instrument :

BNA_F

ClientSampleId :

PB159470BL

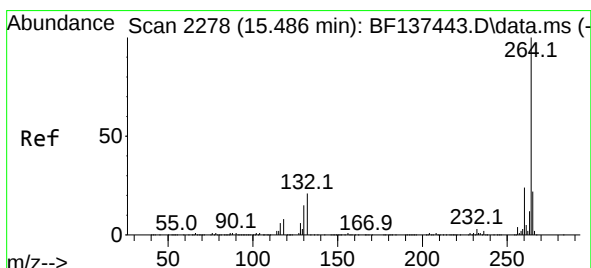
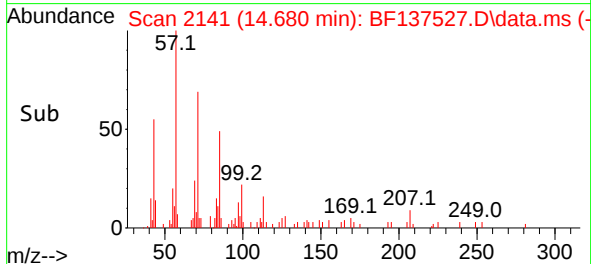
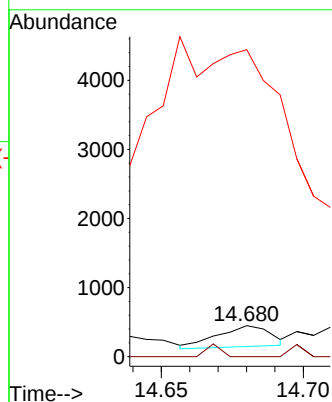
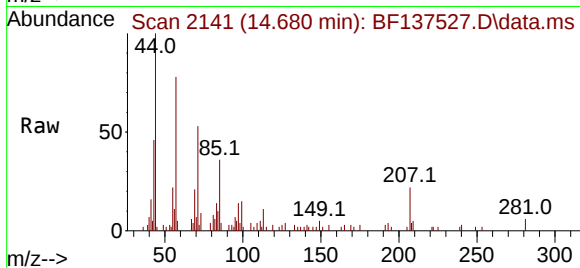
Tgt Ion:149 Resp: 397

Ion Ratio Lower Upper

149 100

167 16.6 1.2 1.8#

43 0.0 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2296

Delta R.T. 0.024 min

Lab File: BF137527.D

Acq: 07 Mar 2024 13:41

Tgt Ion:264 Resp: 580522

Ion Ratio Lower Upper

264 100

260 25.2 19.3 28.9

265 21.4 17.4 26.0

