

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
 Data File : BF137529.D
 Acq On : 07 Mar 2024 14:41
 Operator : CG\JU
 Sample : PB159489BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159489BL

Quant Time: Mar 07 15:04:39 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)

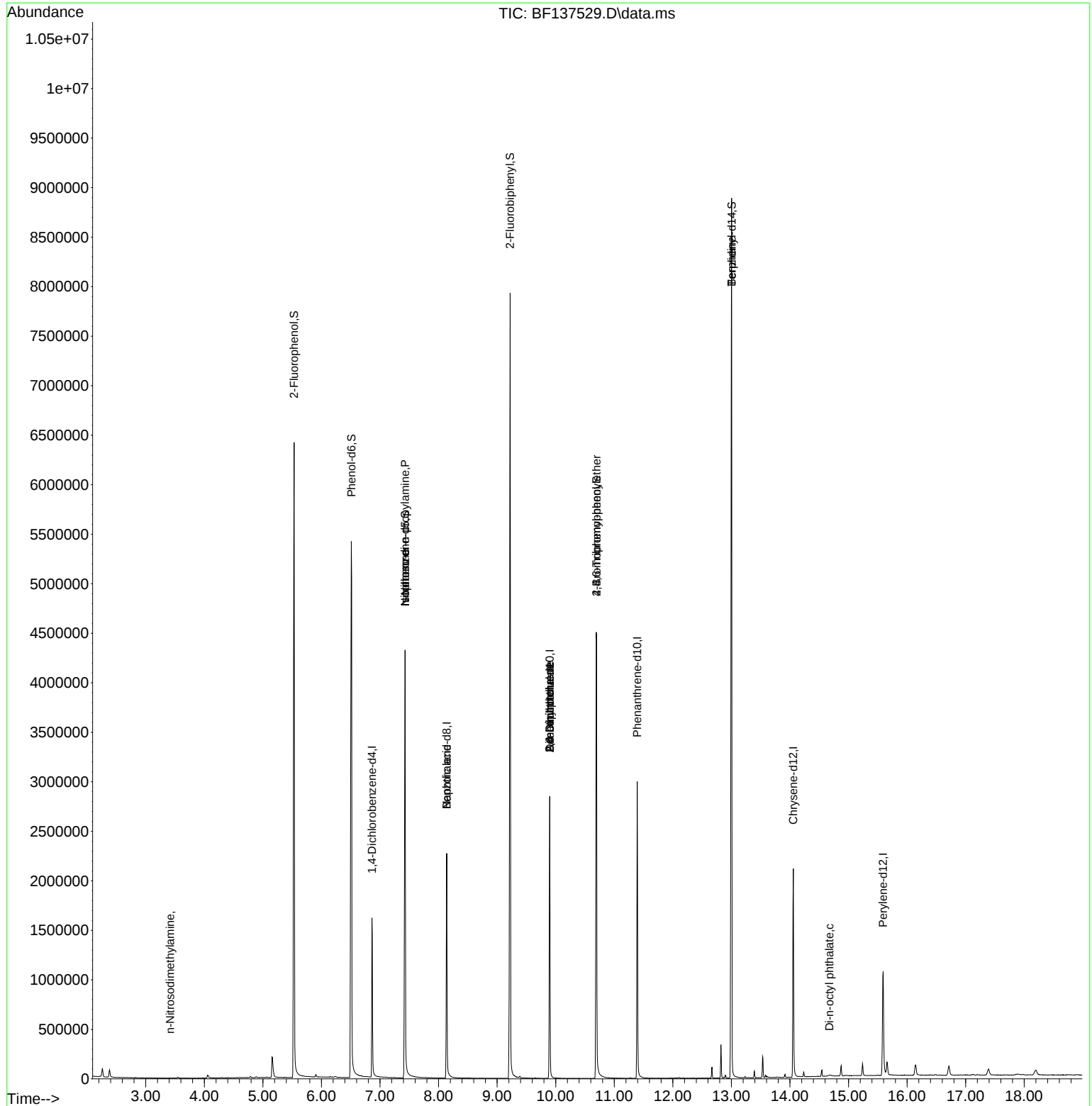
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	249600	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	1025117	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	569179	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	1078598	20.000	ng	0.00
76) Chrysene-d12	14.057	240	738841	20.000	ng	0.00
86) Perylene-d12	15.592	264	568581	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1921531	116.596	ng	0.02
7) Phenol-d6	6.510	99	2668724	112.184	ng	0.00
23) Nitrobenzene-d5	7.428	82	1676991	76.011	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	686146	137.274	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2697562	74.189	ng	0.00
79) Terphenyl-d14	13.004	244	3549169	66.056	ng	0.01
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.416	42	374	3.848	ng	# 1
19) n-Nitroso-di-n-propyla...	7.428	70	220630	15.019	ng	# 79
25) Isophorone	7.428	82	1676980	40.009	ng	# 69
32) Benzoic acid	8.139	122	159	6.313	ng	# 1
50) Dimethylphthalate	9.898	163	116142	2.931	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	73206	8.834	ng	# 21
57) 2,4-Dinitrotoluene	9.898	165	73458	7.215	ng	# 21
67) 4-Bromophenyl-phenylether	10.698	248	44561	3.793	ng	# 1
77) Benzidine	13.004	184	41001	2.268	ng	# 93
85) Di-n-octyl phthalate	14.674	149	287	5.612	ng	# 1

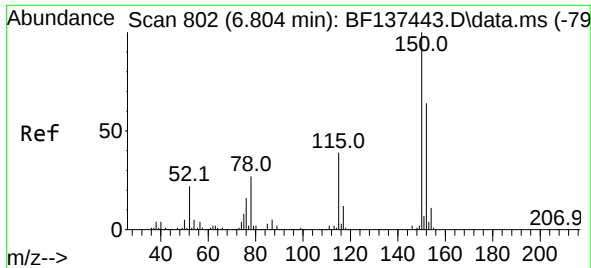
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
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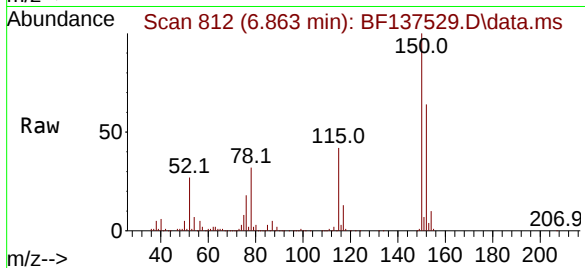
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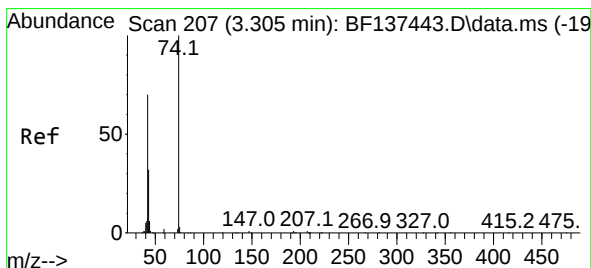
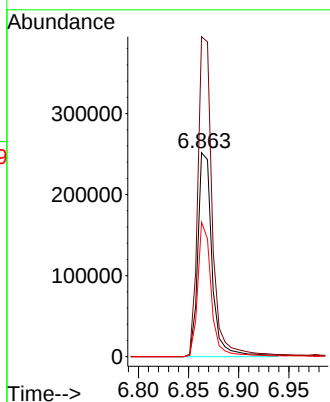
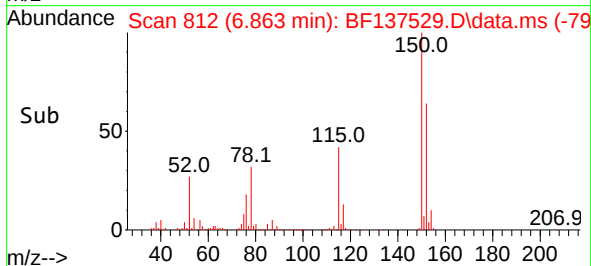


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137529.D
Acq: 07 Mar 2024 14:41

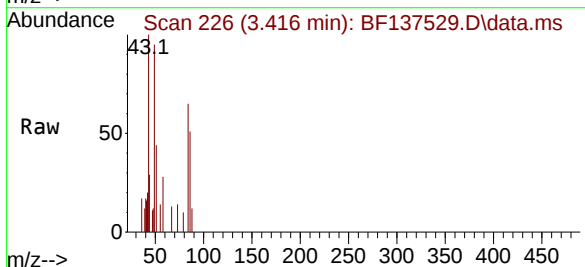
Instrument :
BNA_F
ClientSampleId :
PB159489BL



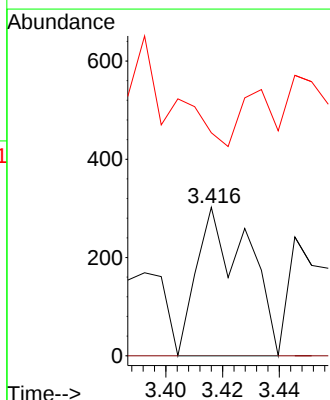
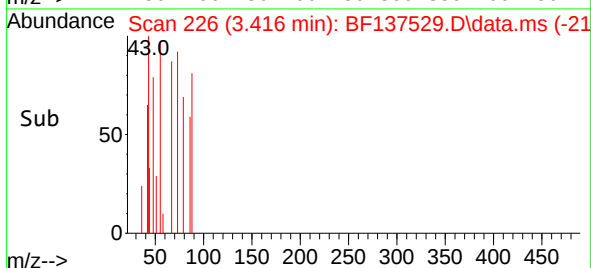
Tgt Ion:152 Resp: 249600
Ion Ratio Lower Upper
152 100
150 156.8 125.8 188.6
115 66.0 48.8 73.2

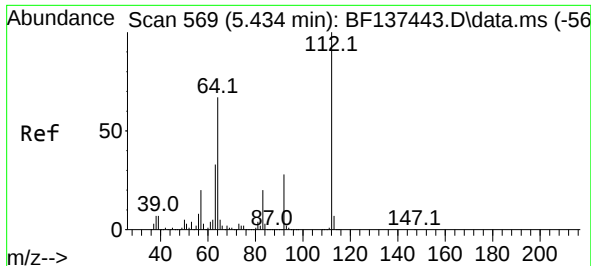


#4
n-Nitrosodimethylamine
Concen: 3.848 ng
RT: 3.416 min Scan# 226
Delta R.T. -0.029 min
Lab File: BF137529.D
Acq: 07 Mar 2024 14:41



Tgt Ion: 42 Resp: 374
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 150.3 7.0 10.4#

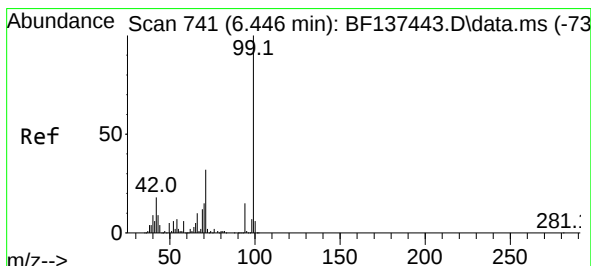
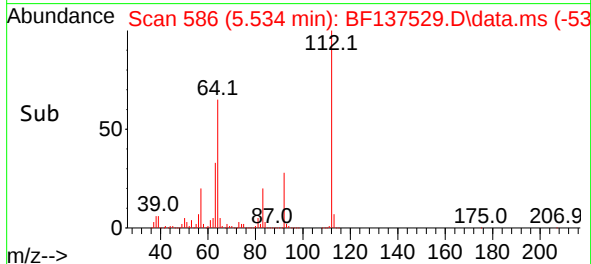
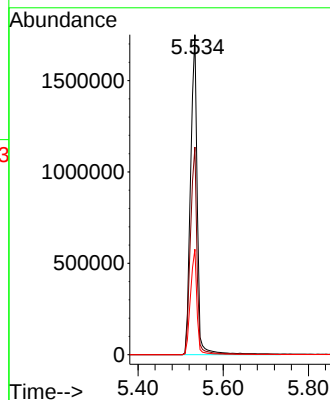
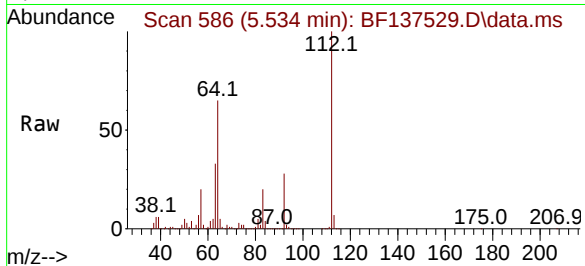




#5
2-Fluorophenol
Concen: 116.596 ng
RT: 5.534 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF137529.D
Acq: 07 Mar 2024 14:41

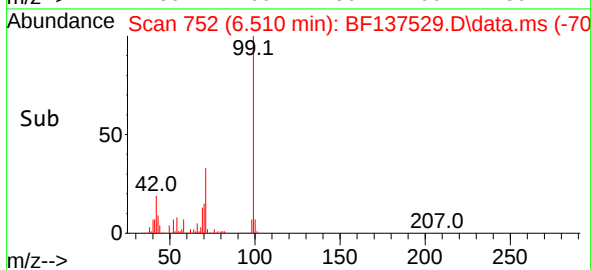
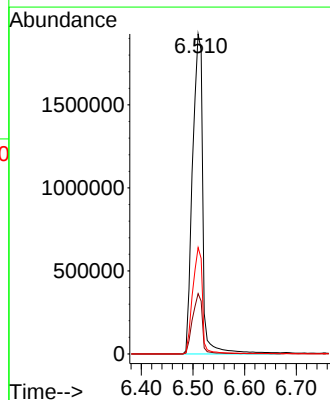
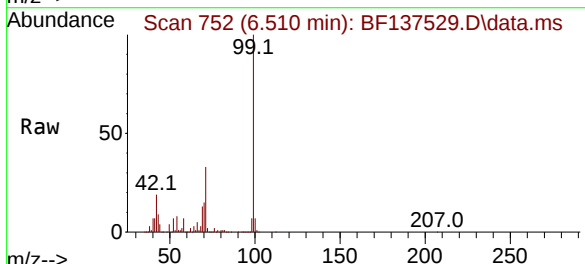
Instrument :
BNA_F
ClientSampleId :
PB159489BL

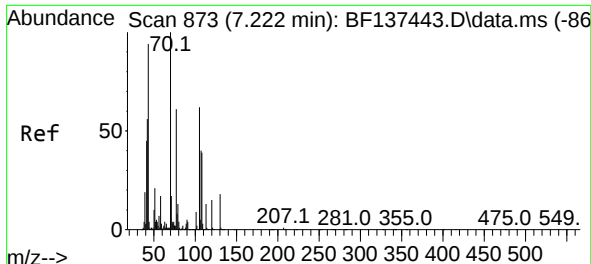
Tgt Ion:112 Resp: 1921531
Ion Ratio Lower Upper
112 100
64 64.9 53.4 80.2
63 32.9 26.2 39.2



#7
Phenol-d6
Concen: 112.184 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF137529.D
Acq: 07 Mar 2024 14:41

Tgt Ion: 99 Resp: 2668724
Ion Ratio Lower Upper
99 100
42 18.8 14.6 21.8
71 33.3 25.3 37.9



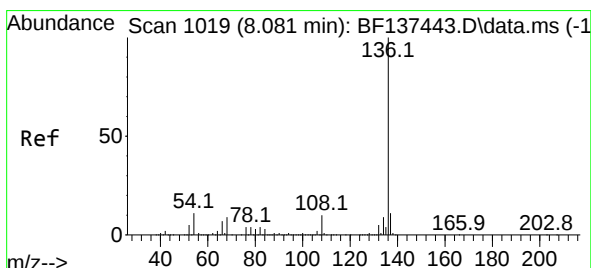
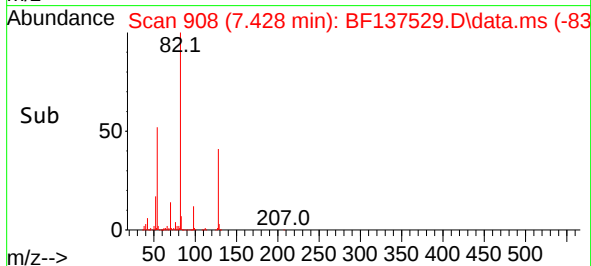
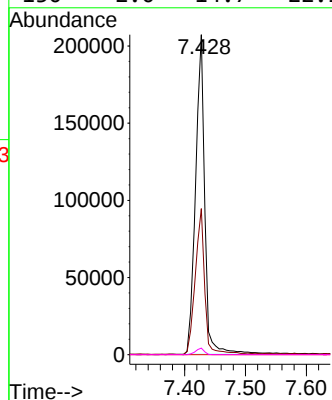
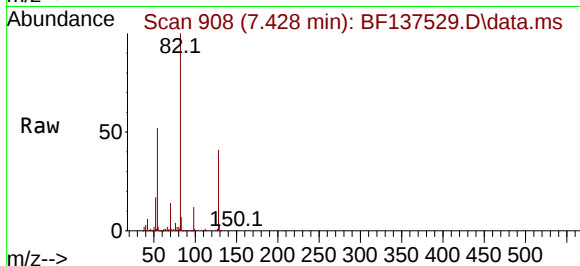


#19
n-Nitroso-di-n-propylamine
Concen: 15.019 ng
RT: 7.428 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF137529.D
Acq: 07 Mar 2024 14:41

Instrument :
BNA_F
ClientSampleId :
PB159489BL

Tgt Ion: 70 Resp: 220630

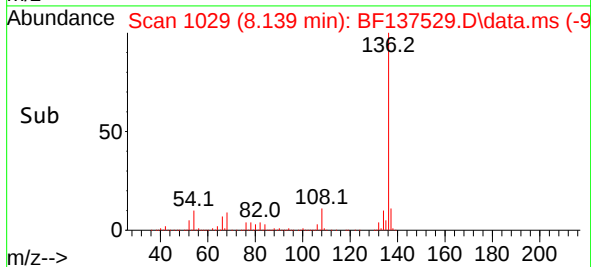
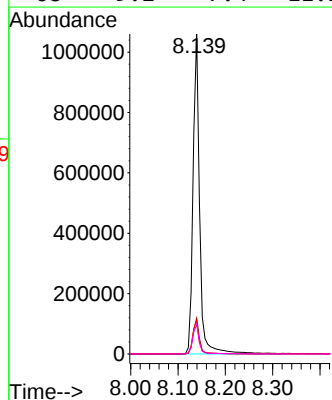
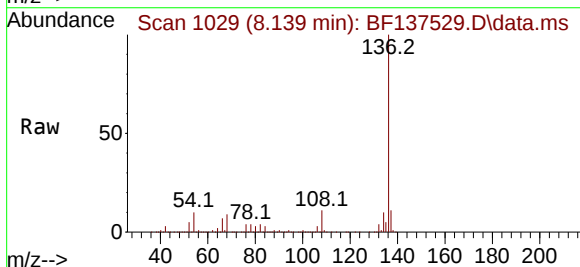
Ion	Ratio	Lower	Upper
70	100		
42	45.7	45.2	67.8
101	0.0	7.3	10.9#
130	2.0	14.7	22.1#

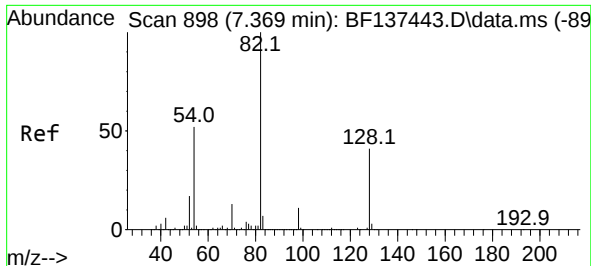


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.006 min
Lab File: BF137529.D
Acq: 07 Mar 2024 14:41

Tgt Ion: 136 Resp: 1025117

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.4	8.5	12.7
68	9.2	7.4	11.2

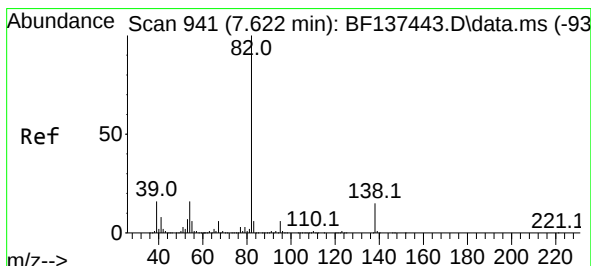
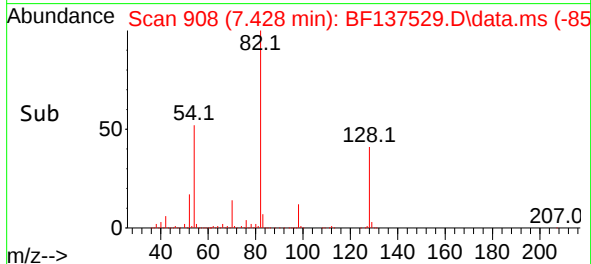
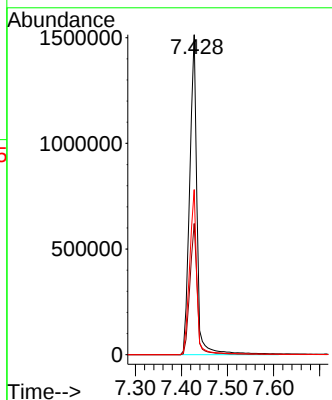
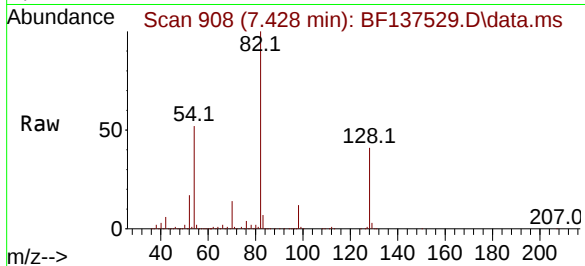




#23
Nitrobenzene-d5
Concen: 76.011 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF137529.D
Acq: 07 Mar 2024 14:41

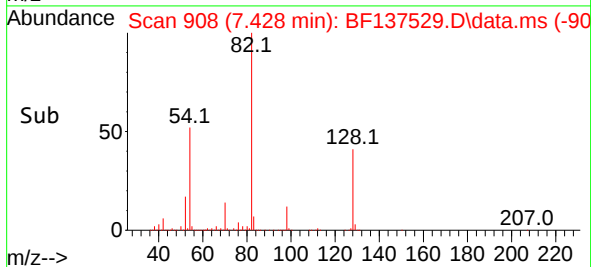
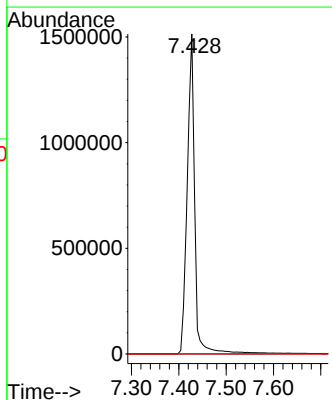
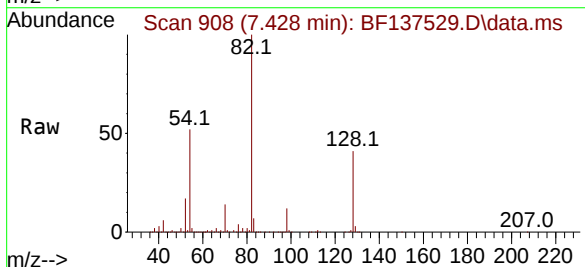
Instrument :
BNA_F
ClientSampleId :
PB159489BL

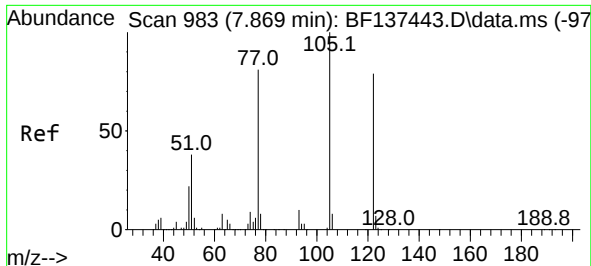
Tgt Ion: 82 Resp: 1676991
Ion Ratio Lower Upper
82 100
128 41.0 32.5 48.7
54 51.6 41.5 62.3



#25
Isophorone
Concen: 40.009 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.253 min
Lab File: BF137529.D
Acq: 07 Mar 2024 14:41

Tgt Ion: 82 Resp: 1676980
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#

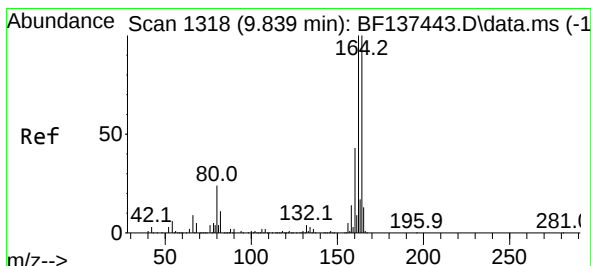
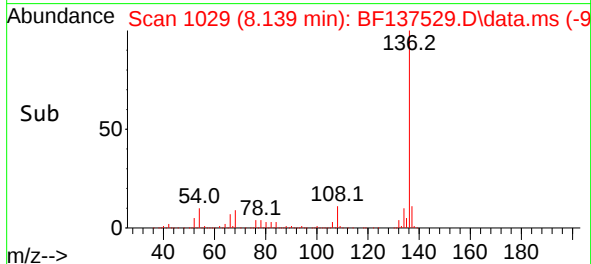
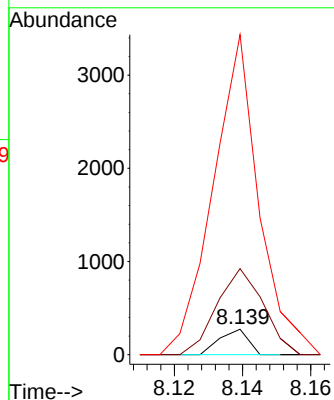
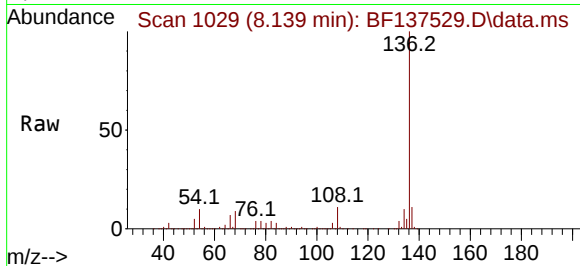




#32
Benzoic acid
Concen: 6.313 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.212 min
Lab File: BF137529.D
Acq: 07 Mar 2024 14:41

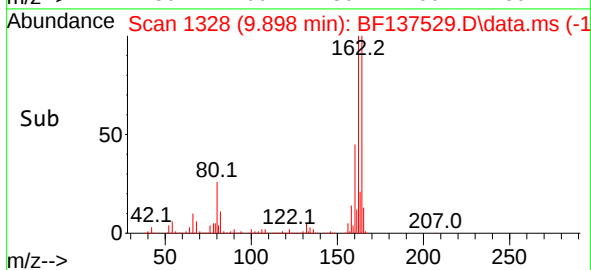
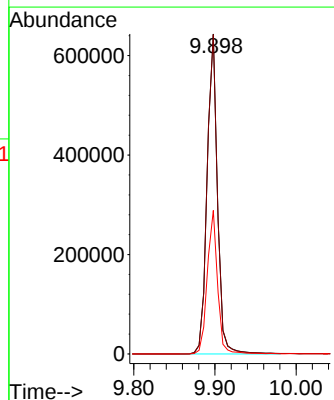
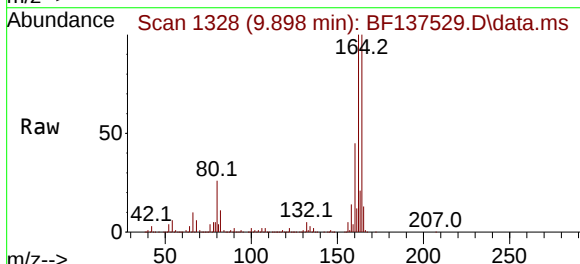
Instrument :
BNA_F
ClientSampleId :
PB159489BL

Tgt Ion:122 Resp: 159
Ion Ratio Lower Upper
122 100
105 338.1 102.4 142.4#
77 1257.9 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: BF137529.D
Acq: 07 Mar 2024 14:41

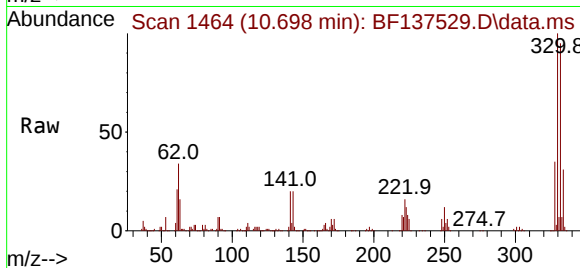
Tgt Ion:164 Resp: 569179
Ion Ratio Lower Upper
164 100
162 99.8 79.8 119.8
160 44.9 34.4 51.6



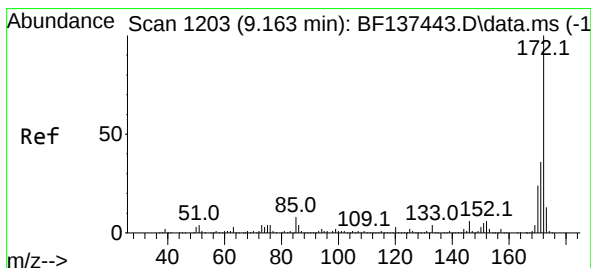
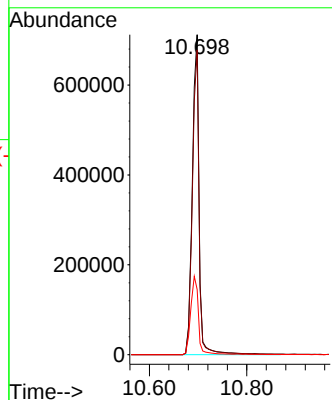
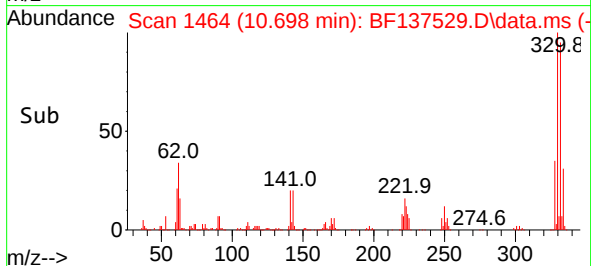


#42
2,4,6-Tribromophenol
Concen: 137.274 ng
RT: 10.698 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF137529.D
Acq: 07 Mar 2024 14:41

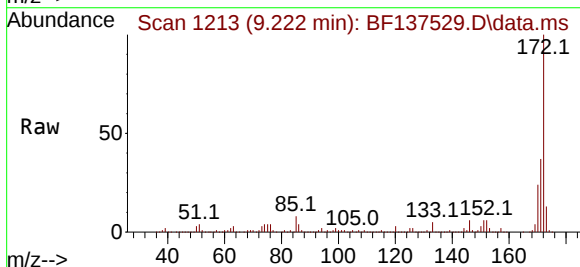
Instrument :
BNA_F
ClientSampleId :
PB159489BL



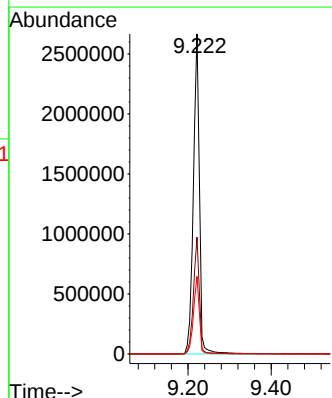
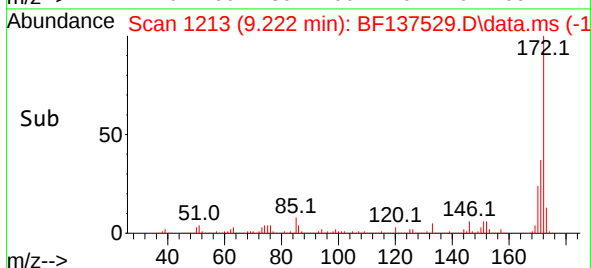
Tgt Ion:330 Resp: 686146
Ion Ratio Lower Upper
330 100
332 95.0 78.0 117.0
141 28.0 27.3 40.9

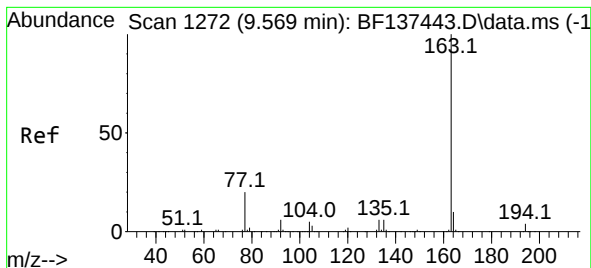


#45
2-Fluorobiphenyl
Concen: 74.189 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF137529.D
Acq: 07 Mar 2024 14:41



Tgt Ion:172 Resp: 2697562
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.2 19.0 28.6





#50

Dimethylphthalate

Concen: 2.931 ng

RT: 9.898 min Scan# 1

Delta R.T. 0.271 min

Lab File: BF137529.D

Acq: 07 Mar 2024 14:41

Instrument :

BNA_F

ClientSampleId :

PB159489BL

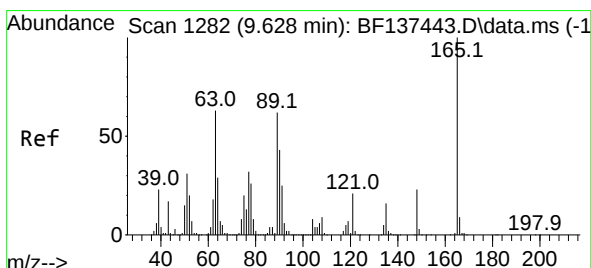
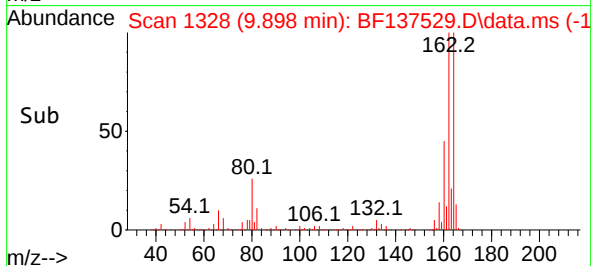
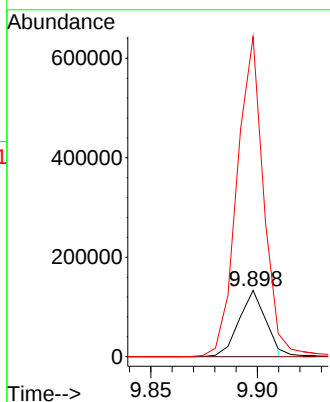
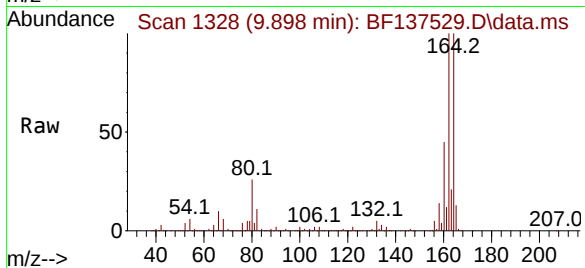
Tgt Ion:163 Resp: 116142

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 483.5 8.1 12.1#



#51

2,6-Dinitrotoluene

Concen: 8.834 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.212 min

Lab File: BF137529.D

Acq: 07 Mar 2024 14:41

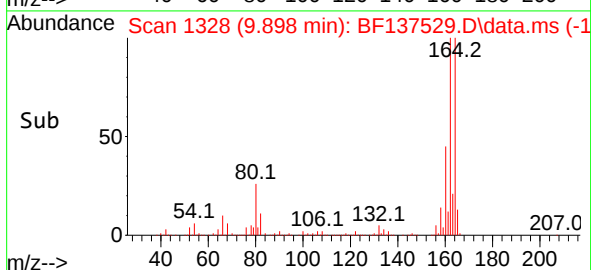
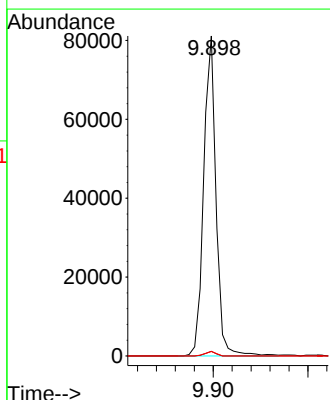
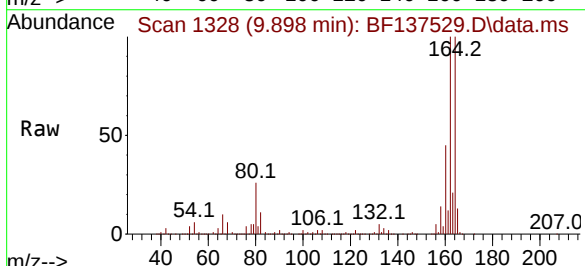
Tgt Ion:165 Resp: 73206

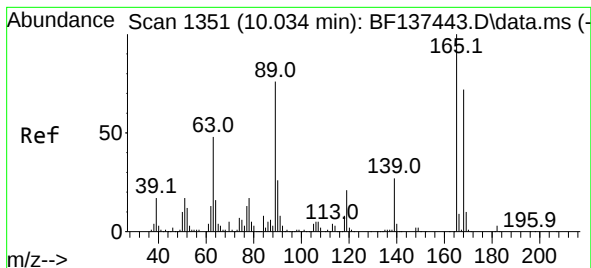
Ion Ratio Lower Upper

165 100

63 1.4 50.7 76.1#

89 1.4 50.0 75.0#

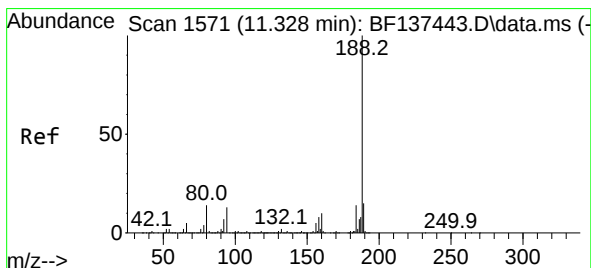
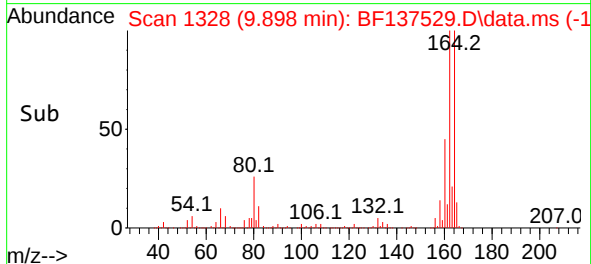
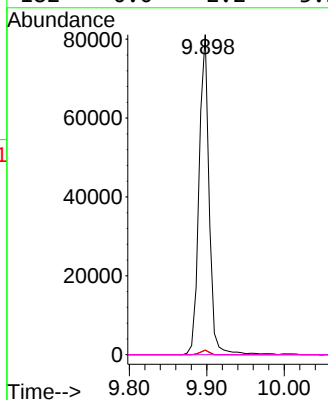
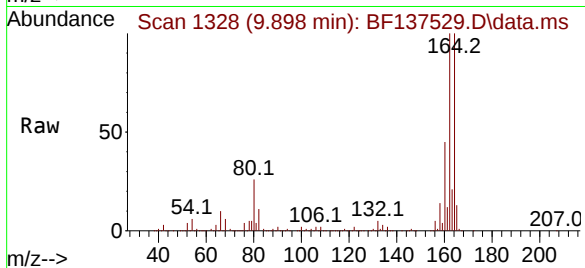




#57
2,4-Dinitrotoluene
Concen: 7.215 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137529.D
Acq: 07 Mar 2024 14:41

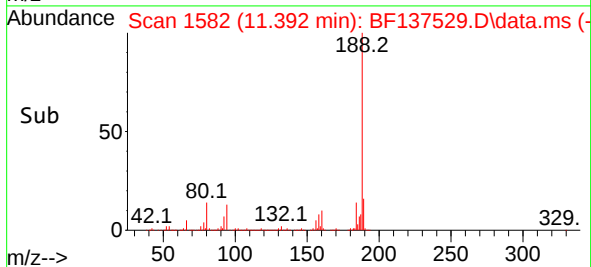
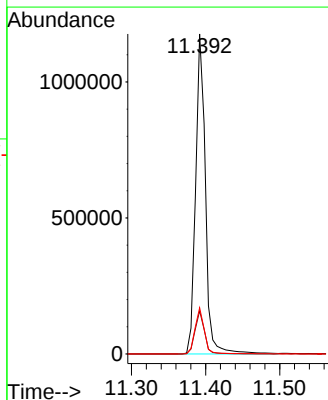
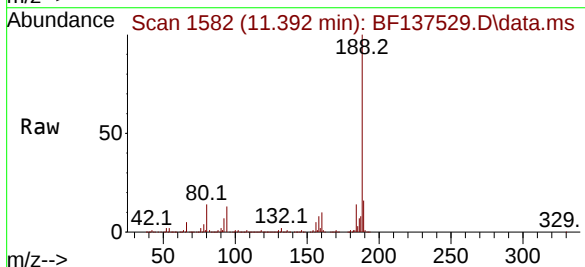
Instrument :
BNA_F
ClientSampleId :
PB159489BL

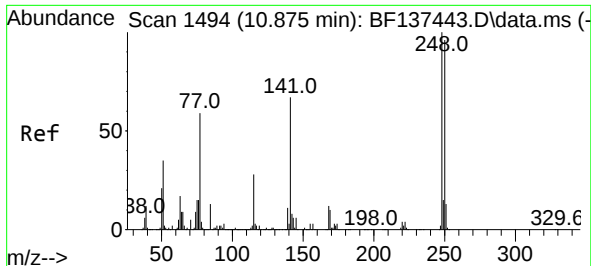
Tgt Ion:165 Resp: 73458
Ion Ratio Lower Upper
165 100
63 1.4 39.0 58.6#
89 1.4 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF137529.D
Acq: 07 Mar 2024 14:41

Tgt Ion:188 Resp: 1078598
Ion Ratio Lower Upper
188 100
94 13.5 10.6 15.8
80 14.5 11.5 17.3

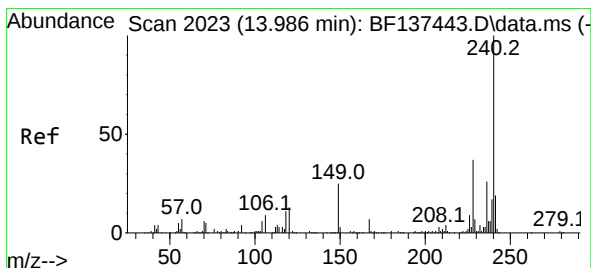
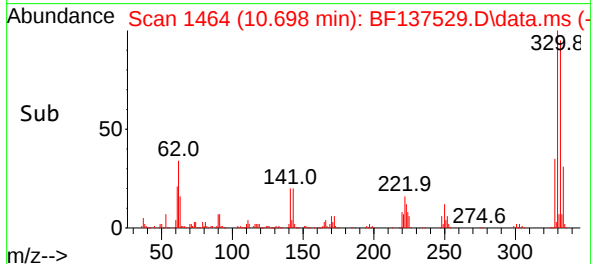
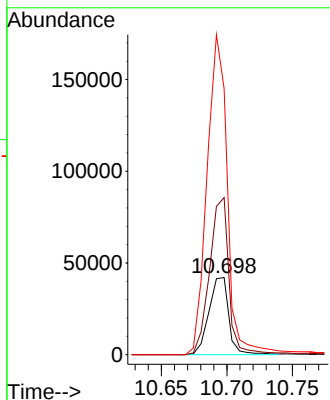
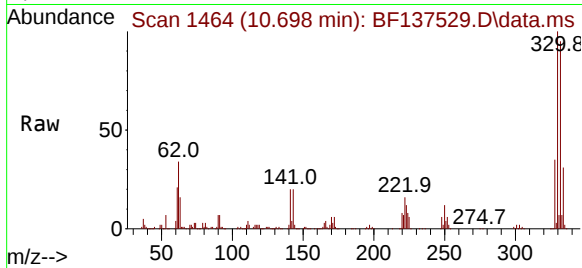




#67
4-Bromophenyl-phenylether
Concen: 3.793 ng
RT: 10.698 min Scan# 141
Delta R.T. -0.235 min
Lab File: BF137529.D
Acq: 07 Mar 2024 14:41

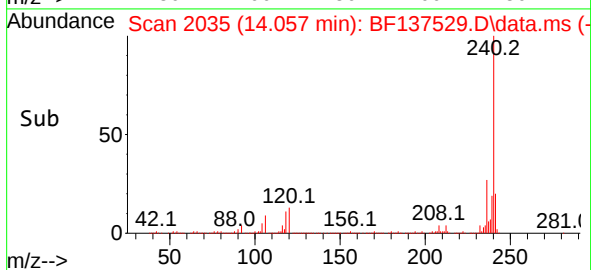
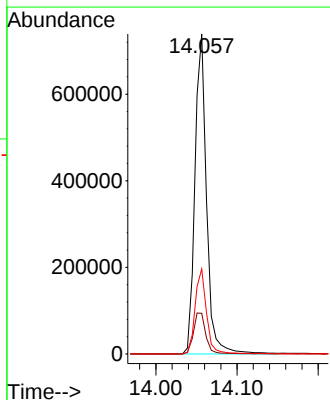
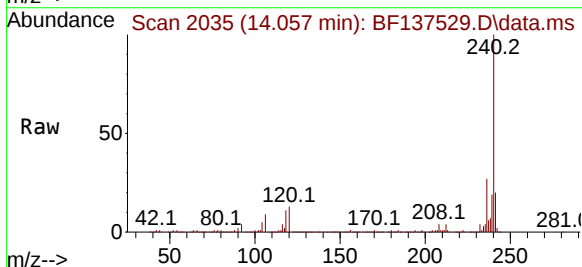
Instrument :
BNA_F
ClientSampleId :
PB159489BL

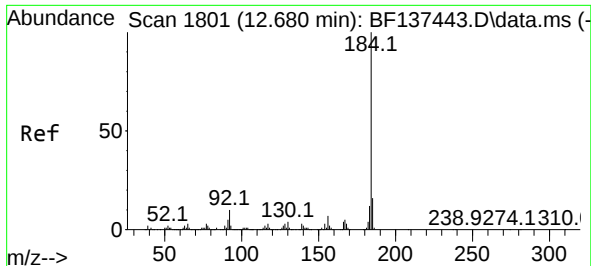
Tgt Ion:248 Resp: 44561
Ion Ratio Lower Upper
248 100
250 203.7 76.8 115.2#
141 344.9 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF137529.D
Acq: 07 Mar 2024 14:41

Tgt Ion:240 Resp: 738841
Ion Ratio Lower Upper
240 100
120 12.7 10.4 15.6
236 26.6 20.9 31.3

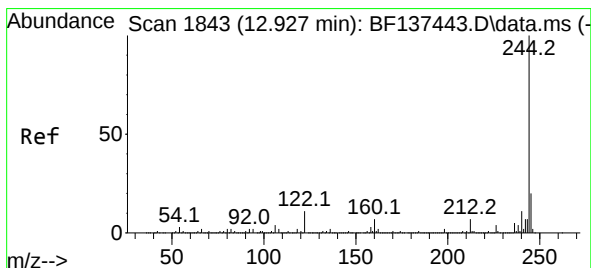
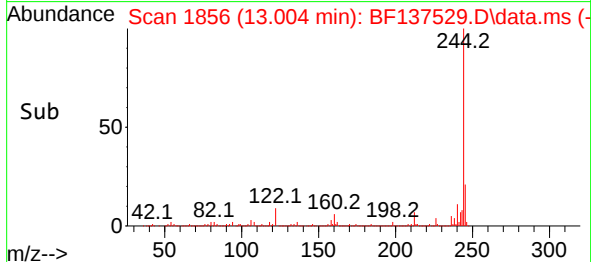
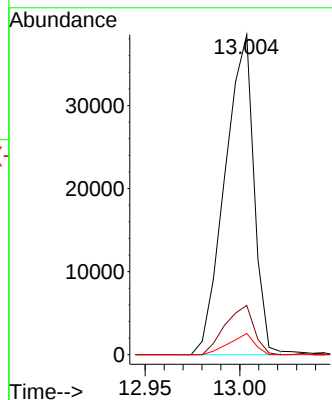
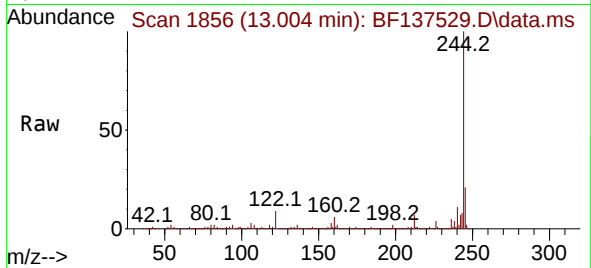




#77
Benzidine
Concen: 2.268 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.265 min
Lab File: BF137529.D
Acq: 07 Mar 2024 14:41

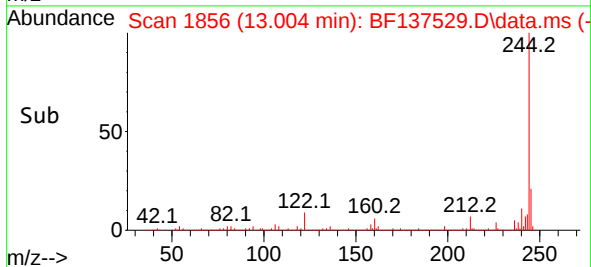
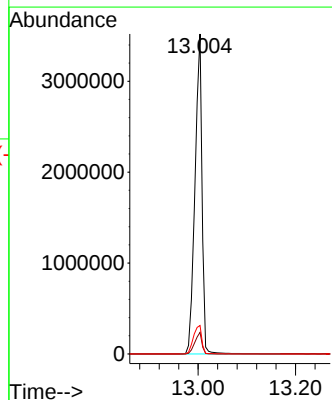
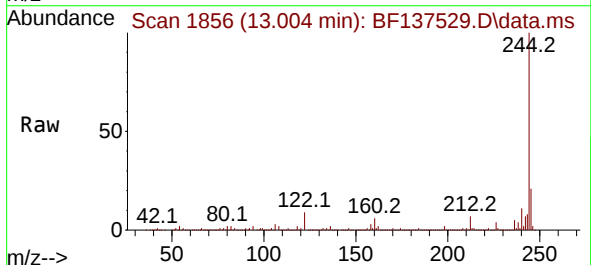
Instrument :
BNA_F
ClientSampleId :
PB159489BL

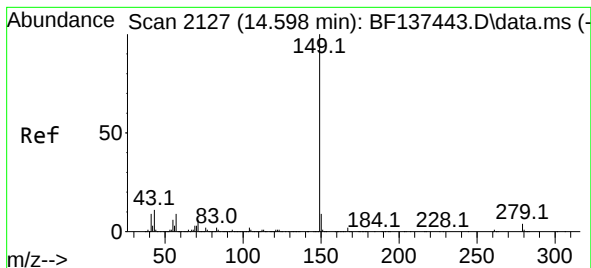
Tgt Ion:184 Resp: 41001
Ion Ratio Lower Upper
184 100
185 15.4 13.2 19.8
183 6.7 9.3 13.9#



#79
Terphenyl-d14
Concen: 66.056 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.012 min
Lab File: BF137529.D
Acq: 07 Mar 2024 14:41

Tgt Ion:244 Resp: 3549169
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 8.9 9.1 13.7#





#85

Di-n-octyl phthalate

Concen: 5.612 ng

RT: 14.674 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137529.D

Acq: 07 Mar 2024 14:41

Instrument :

BNA_F

ClientSampleId :

PB159489BL

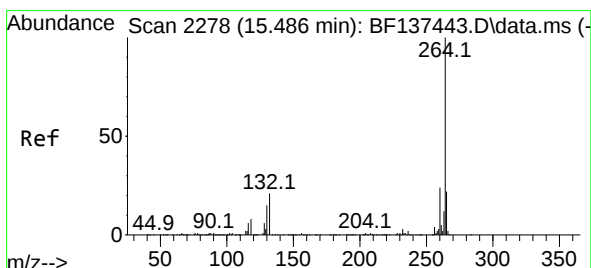
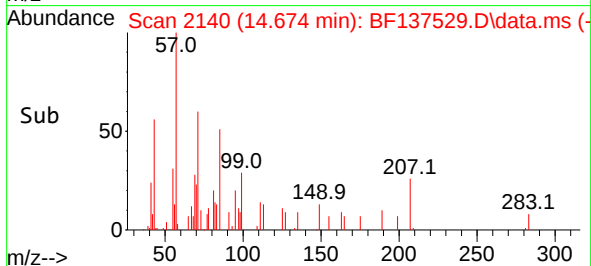
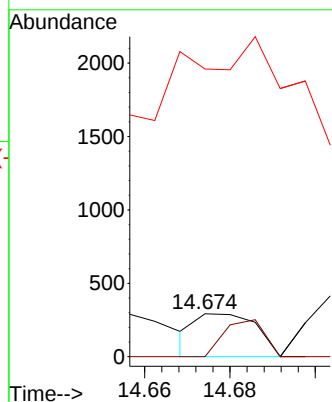
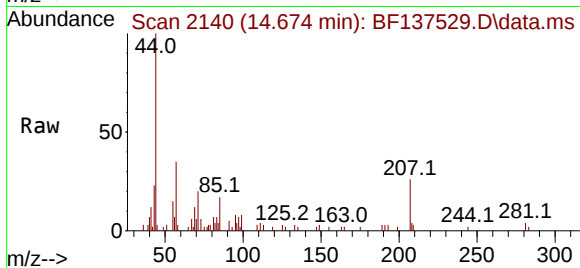
Tgt Ion:149 Resp: 287

Ion Ratio Lower Upper

149 100

167 57.5 1.2 1.8#

43 1111.1 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2296

Delta R.T. 0.023 min

Lab File: BF137529.D

Acq: 07 Mar 2024 14:41

Tgt Ion:264 Resp: 568581

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.6 17.4 26.0

