

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
 Data File : BF138427.D
 Acq On : 02 Jul 2024 14:17
 Operator : CG\JU
 Sample : P3073-03DL 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 15:01:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

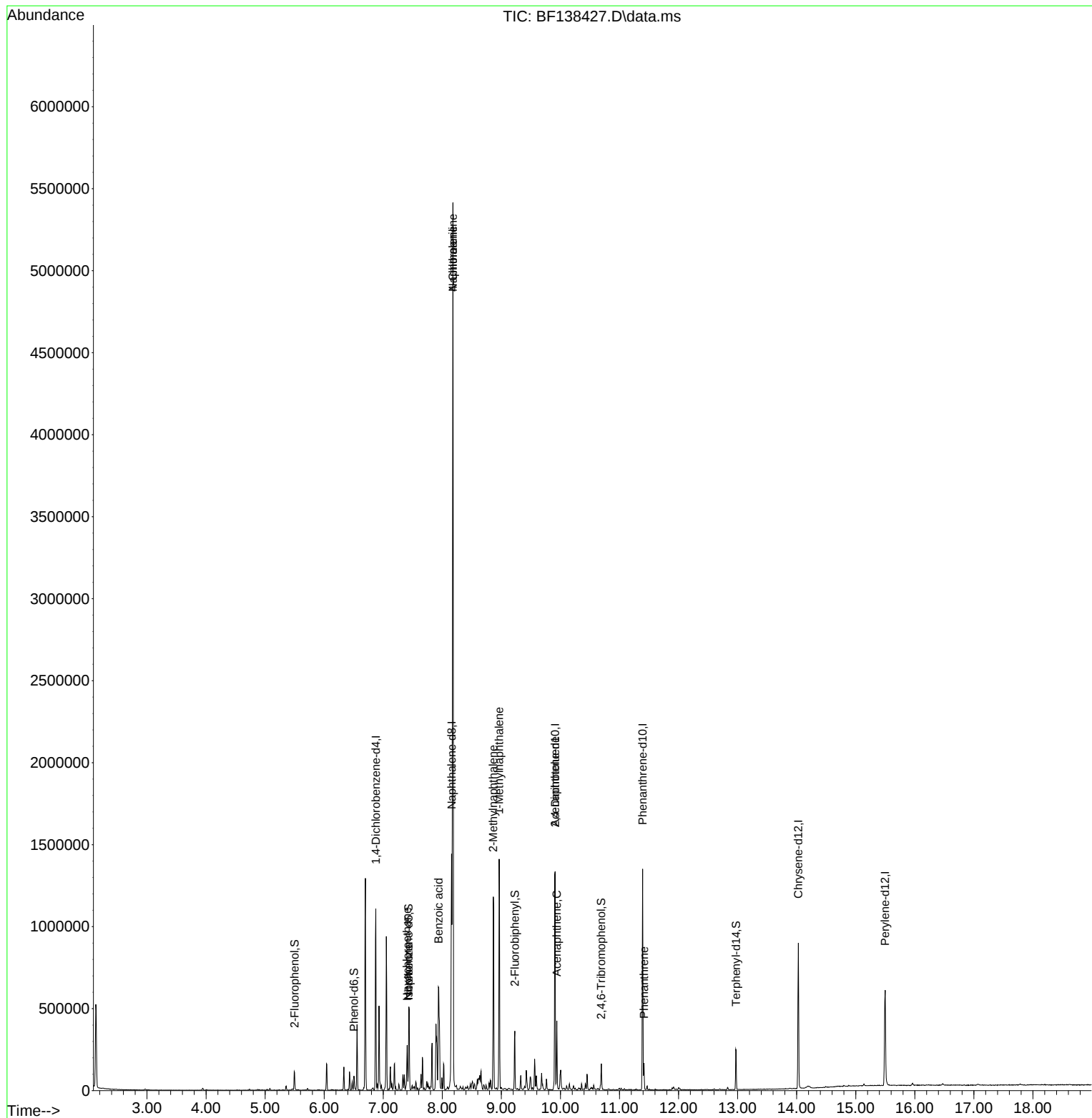
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	150068	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	576326	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	284262	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	429447	20.000	ng	0.00
76) Chrysene-d12	14.027	240	272923	20.000	ng	0.00
86) Perylene-d12	15.498	264	268682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	30627	3.384	ng	0.00
7) Phenol-d6	6.504	99	25404	2.083	ng	-0.01
23) Nitrobenzene-d5	7.428	82	51639	4.655	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	14780	6.364	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	101502	5.683	ng	0.00
79) Terphenyl-d14	12.974	244	84807	4.258	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.404	117	15781	3.921	ng	# 1
25) Isophorone	7.428	82	51544	2.520	ng	# 67
31) Naphthalene	8.181	128	2308636	79.239	ng	99
32) Benzoic acid	7.939	122	348	4.155	ng	# 1
33) 4-Chloroaniline	8.181	127	310982	30.562	ng	# 31
37) 2-Methylnaphthalene	8.863	142	311166	16.525	ng	99
38) 1-Methylnaphthalene	8.963	142	349569	19.143	ng	99
52) Acenaphthene	9.939	154	70014	4.493	ng	94
57) 2,4-Dinitrotoluene	9.910	165	37772	7.498	ng	# 19
71) Phenanthrene	11.416	178	52795	2.518	ng	98

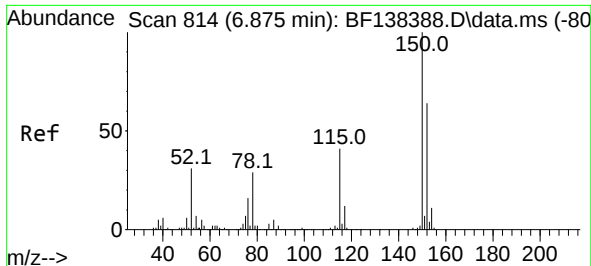
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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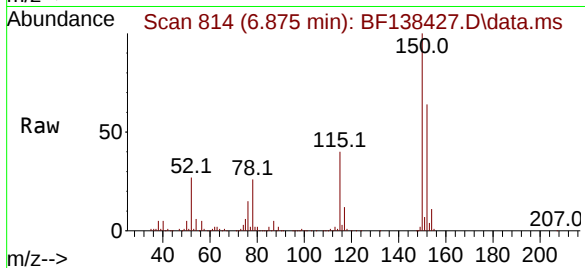
Quant Time: Jul 02 15:01:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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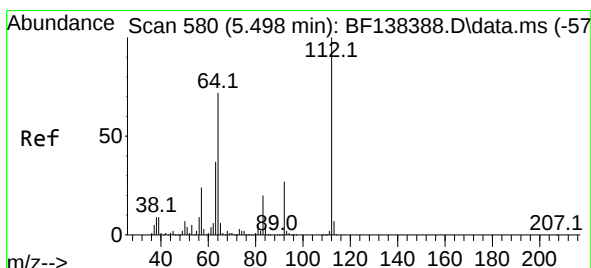
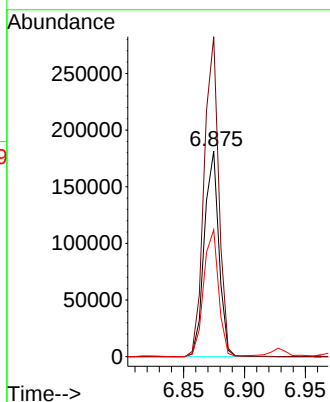
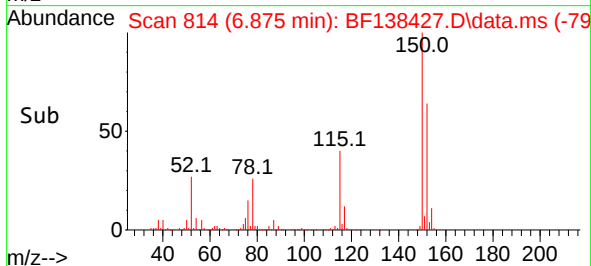


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138427.D
Acq: 02 Jul 2024 14:17

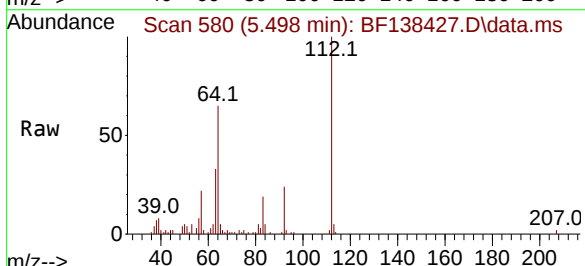
Instrument :
BNA_F
ClientSampleId :



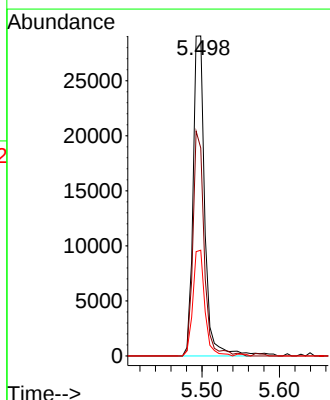
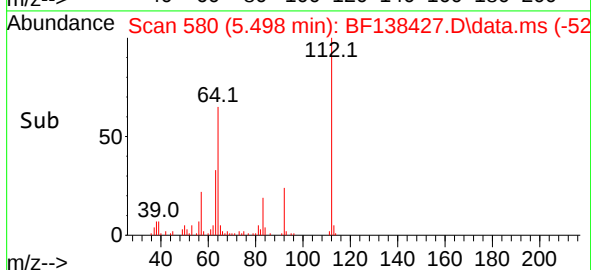
Tgt Ion:152 Resp: 150068
Ion Ratio Lower Upper
152 100
150 155.7 124.9 187.3
115 61.7 50.8 76.2

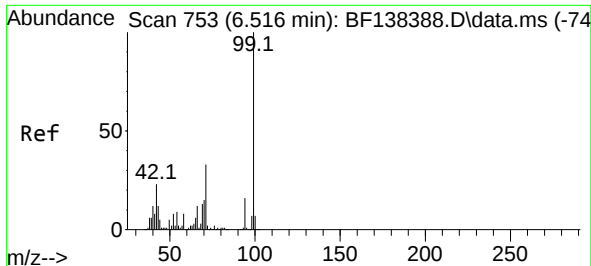


#5
2-Fluorophenol
Concen: 3.384 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF138427.D
Acq: 02 Jul 2024 14:17



Tgt Ion:112 Resp: 30627
Ion Ratio Lower Upper
112 100
64 65.0 57.2 85.8
63 33.1 29.4 44.0

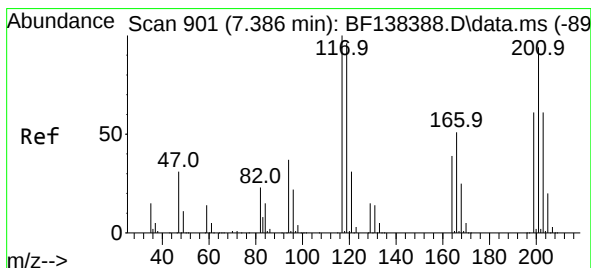
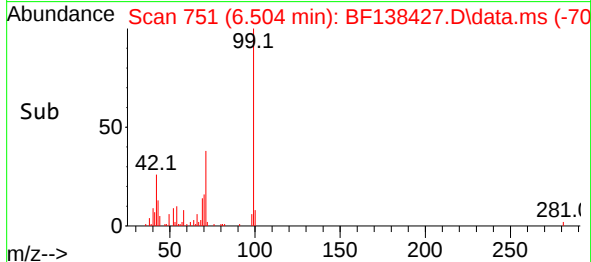
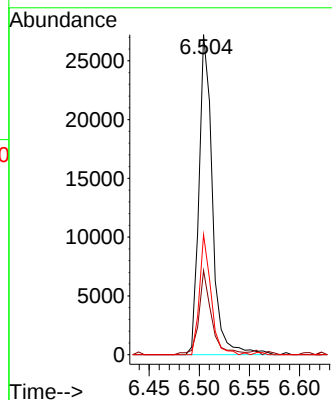
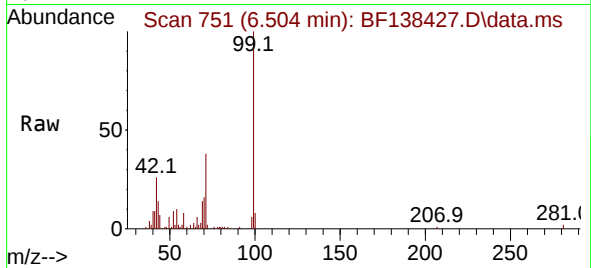




#7
Phenol-d6
Concen: 2.083 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138427.D
Acq: 02 Jul 2024 14:17

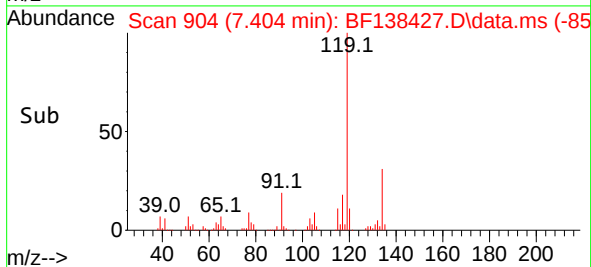
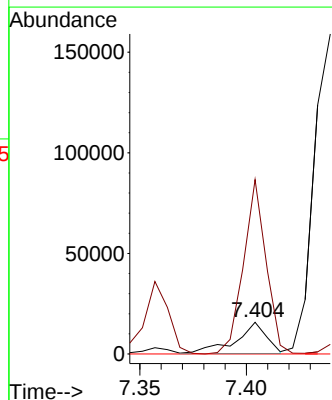
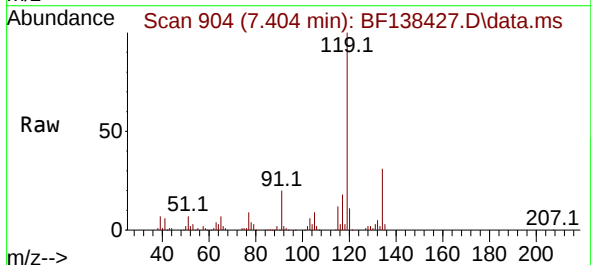
Instrument :
BNA_F
ClientSampleId :

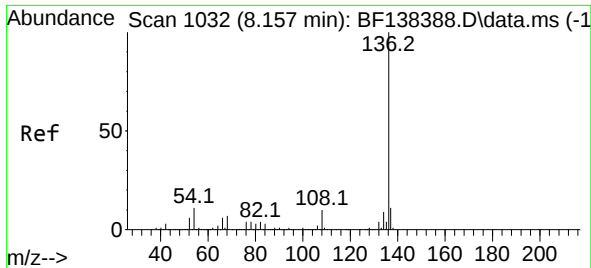
Tgt Ion: 99 Resp: 25404
Ion Ratio Lower Upper
99 100
42 26.3 18.5 27.7
71 37.5 26.1 39.1



#18
Hexachloroethane
Concen: 3.921 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.018 min
Lab File: BF138427.D
Acq: 02 Jul 2024 14:17

Tgt Ion: 117 Resp: 15781
Ion Ratio Lower Upper
117 100
119 550.7 77.1 115.7#
201 0.0 75.6 113.4#

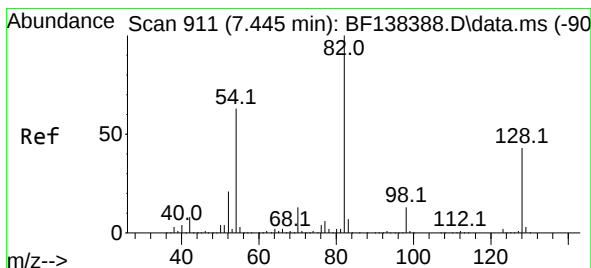
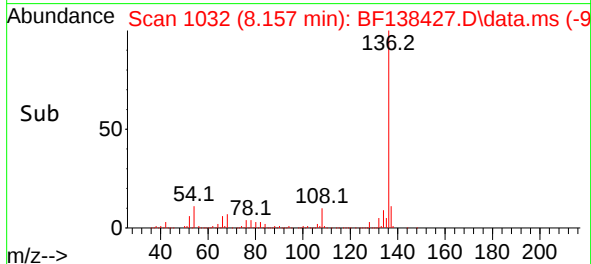
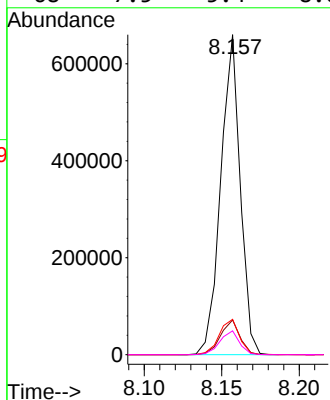
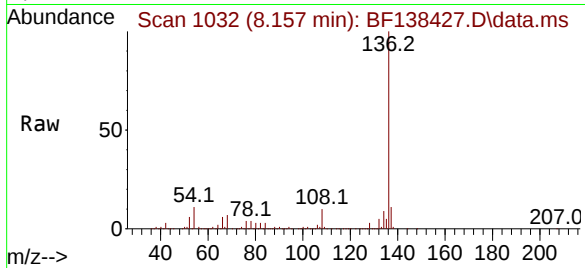




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF138427.D
Acq: 02 Jul 2024 14:17

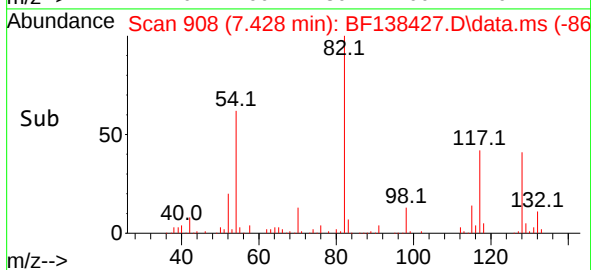
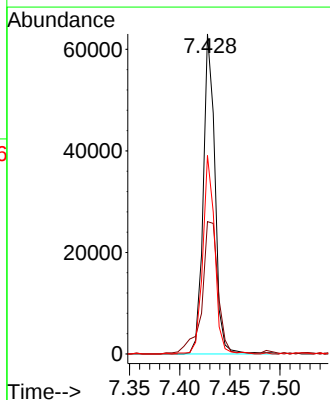
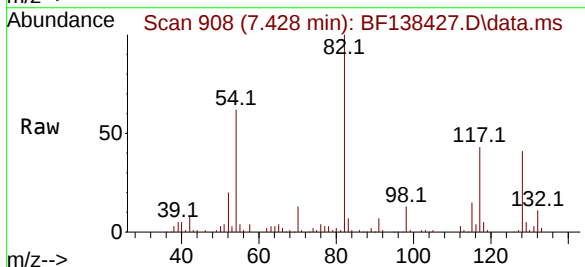
Instrument :
BNA_F
ClientSampleId :

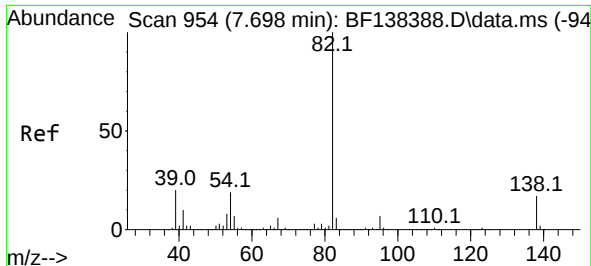
Tgt Ion:	136	Resp:	576326
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.1	9.0	13.4
68	7.5	5.4	8.0



#23
Nitrobenzene-d5
Concen: 4.655 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.018 min
Lab File: BF138427.D
Acq: 02 Jul 2024 14:17

Tgt Ion:	82	Resp:	51639
Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	52.0
54	62.0	50.5	75.7

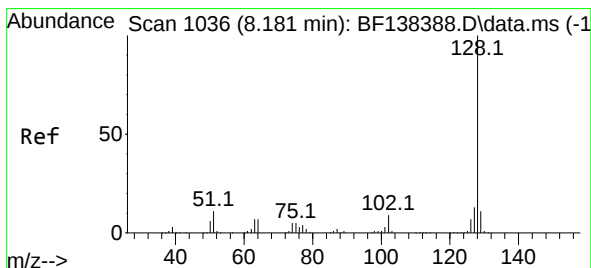
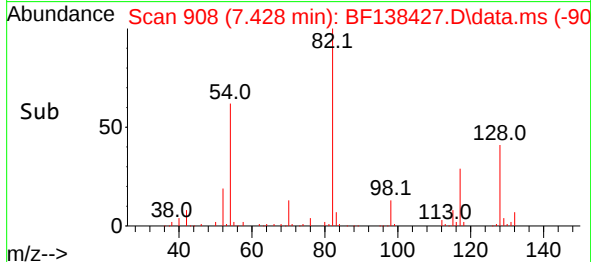
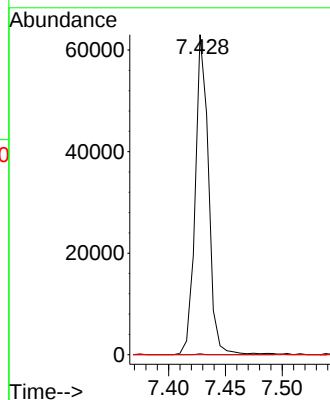
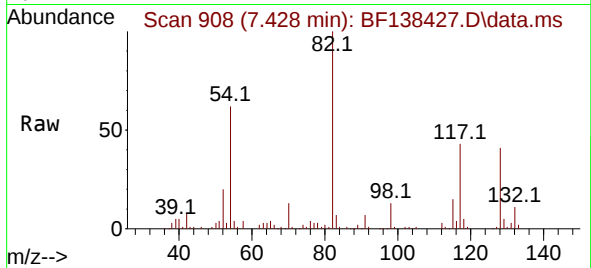




#25
Isophorone
Concen: 2.520 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF138427.D
Acq: 02 Jul 2024 14:17

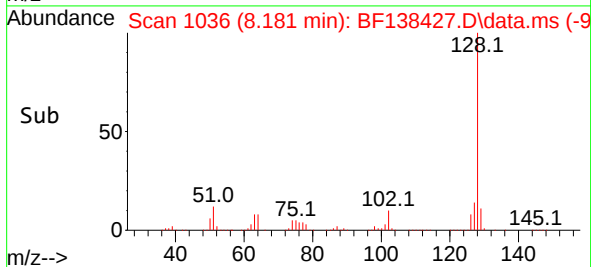
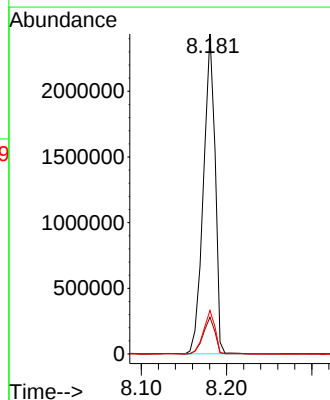
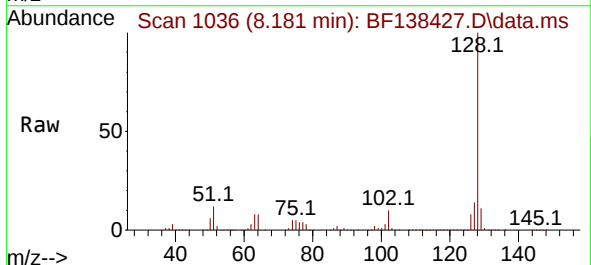
Instrument :
BNA_F
ClientSampleId :

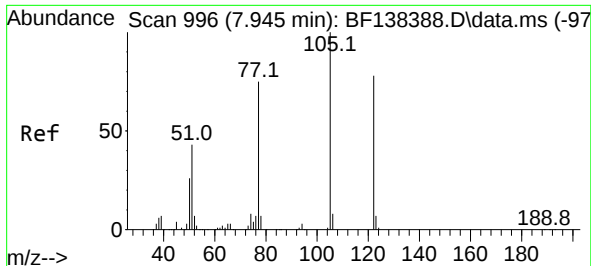
Tgt Ion: 82 Resp: 51544
Ion Ratio Lower Upper
82 100
95 0.3 5.7 8.5#
138 0.0 13.4 20.2#



#31
Naphthalene
Concen: 79.239 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF138427.D
Acq: 02 Jul 2024 14:17

Tgt Ion:128 Resp: 2308636
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.6 10.6 16.0

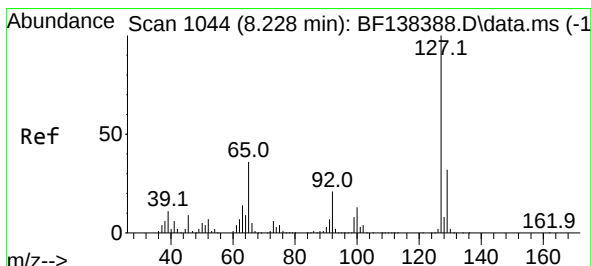
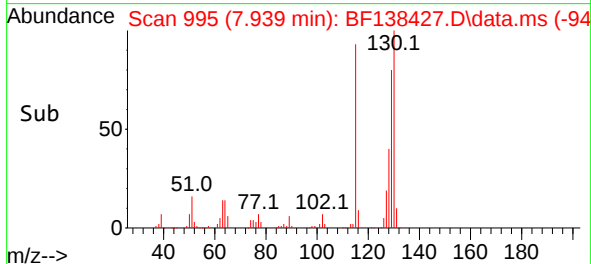
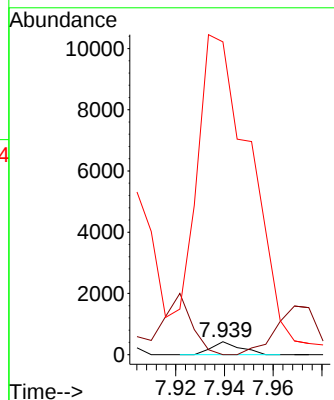
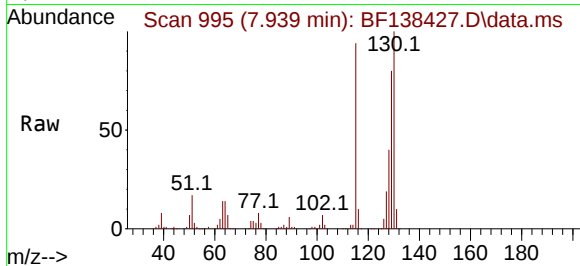




#32
Benzoic acid
Concen: 4.155 ng
RT: 7.939 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138427.D
Acq: 02 Jul 2024 14:17

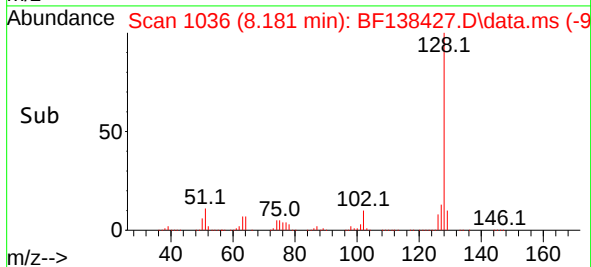
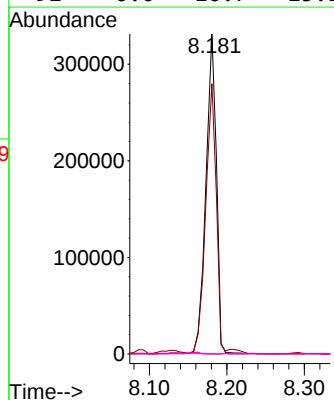
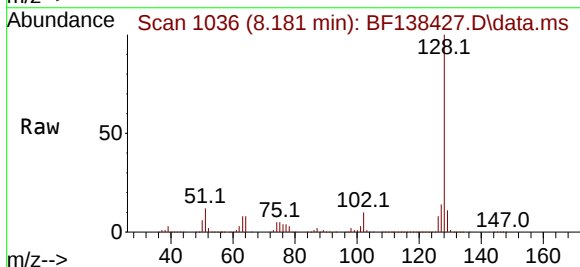
Instrument :
BNA_F
ClientSampleId :

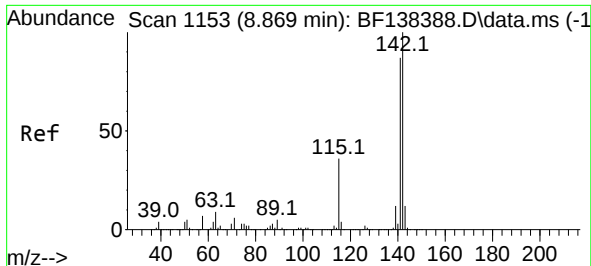
Tgt Ion:122 Resp: 348
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 2426.8 74.3 114.3#



#33
4-Chloroaniline
Concen: 30.562 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.047 min
Lab File: BF138427.D
Acq: 02 Jul 2024 14:17

Tgt Ion:127 Resp: 310982
Ion Ratio Lower Upper
127 100
129 84.4 25.4 38.2#
65 0.0 28.7 43.1#
92 0.0 16.7 25.1#





#37

2-Methylnaphthalene

Concen: 16.525 ng

RT: 8.863 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF138427.D

Acq: 02 Jul 2024 14:17

Instrument :

BNA_F

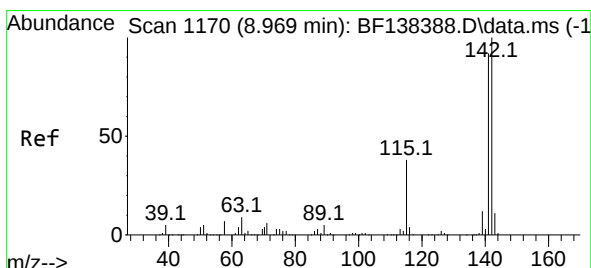
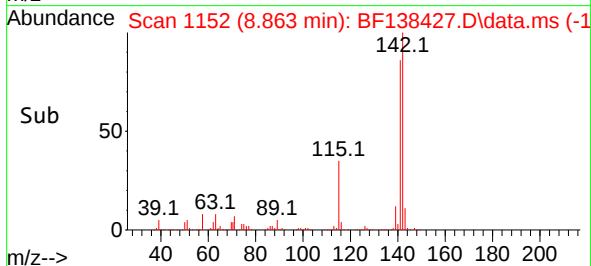
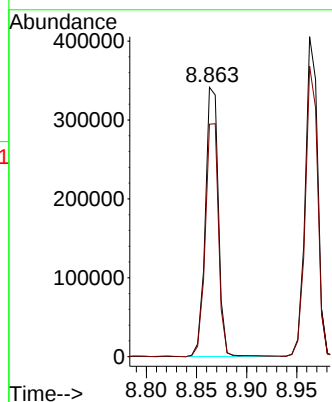
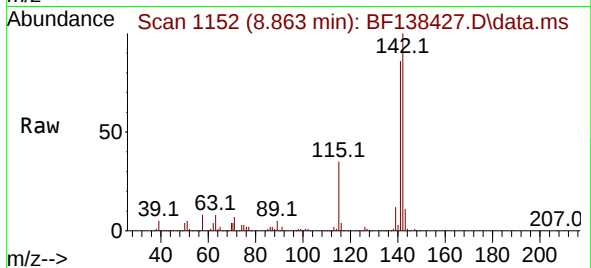
ClientSampleId :

Tgt Ion:142 Resp: 311166

Ion Ratio Lower Upper

142 100

141 86.3 69.6 104.4



#38

1-Methylnaphthalene

Concen: 19.143 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF138427.D

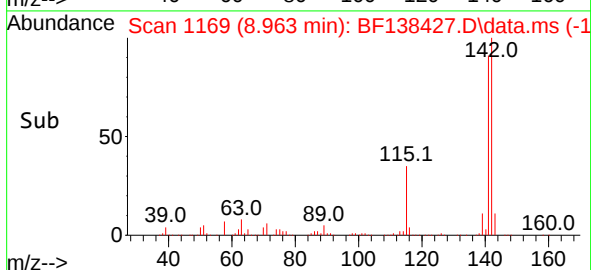
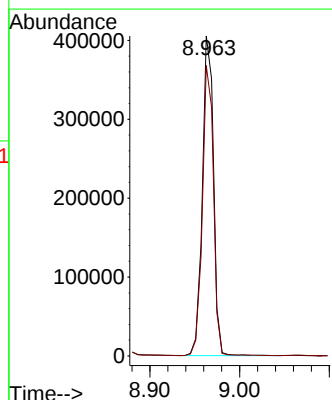
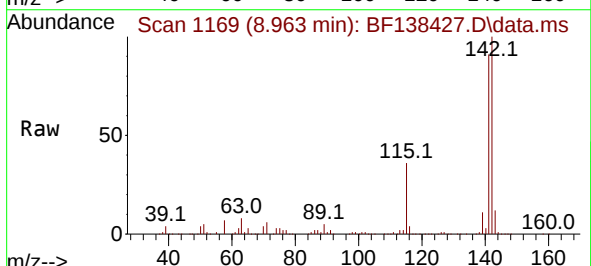
Acq: 02 Jul 2024 14:17

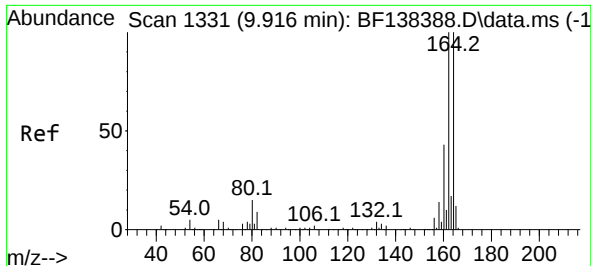
Tgt Ion:142 Resp: 349569

Ion Ratio Lower Upper

142 100

141 90.8 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138427.D

Acq: 02 Jul 2024 14:17

Instrument :

BNA_F

ClientSampleId :

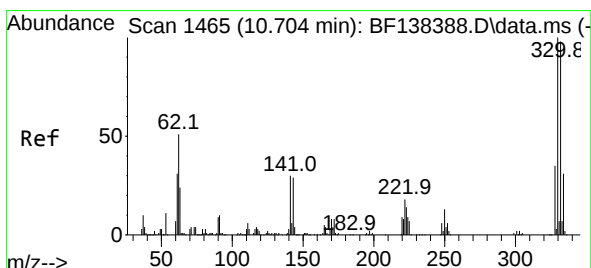
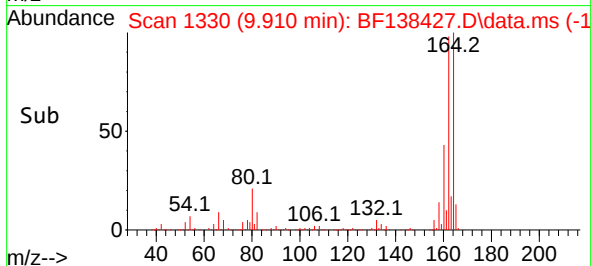
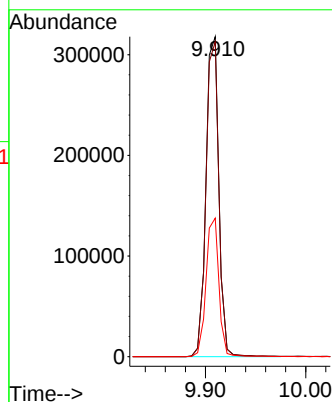
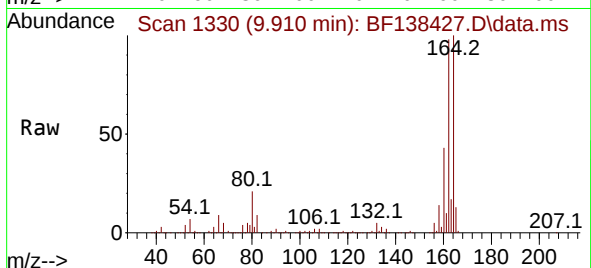
Tgt Ion:164 Resp: 284262

Ion Ratio Lower Upper

164 100

162 98.4 80.1 120.1

160 43.3 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 6.364 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.012 min

Lab File: BF138427.D

Acq: 02 Jul 2024 14:17

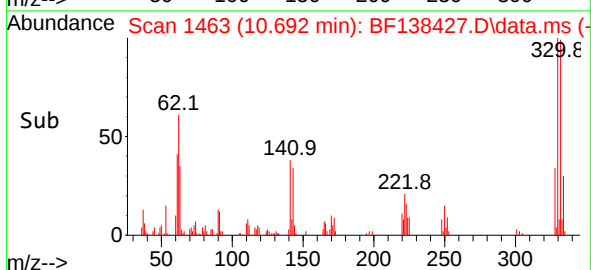
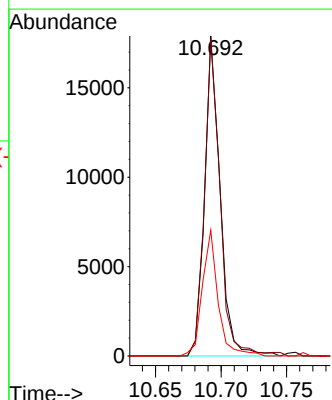
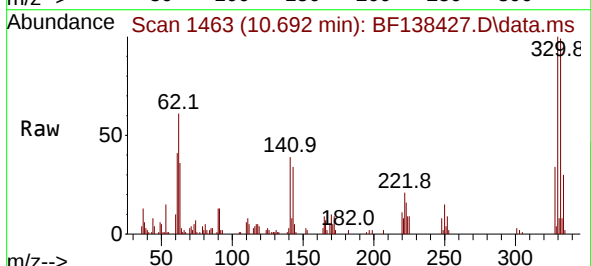
Tgt Ion:330 Resp: 14780

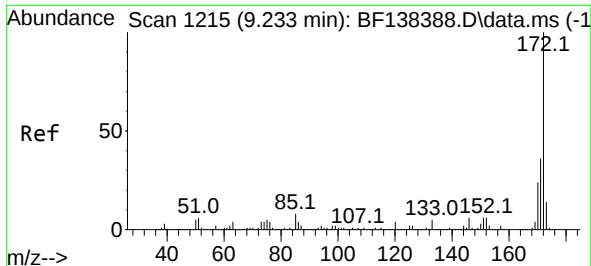
Ion Ratio Lower Upper

330 100

332 100.0 77.0 115.6

141 39.8 28.1 42.1





#45

2-Fluorobiphenyl

Concen: 5.683 ng

RT: 9.227 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138427.D

Acq: 02 Jul 2024 14:17

Instrument :

BNA_F

ClientSampleId :

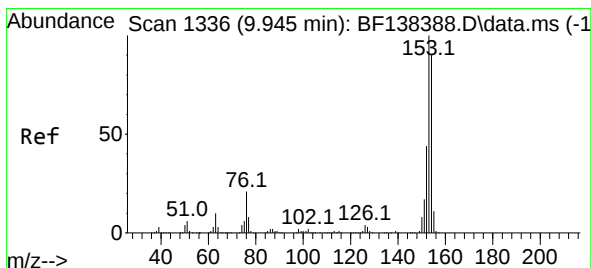
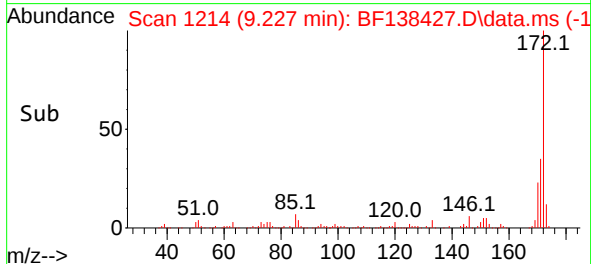
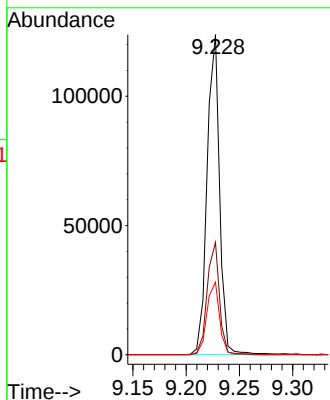
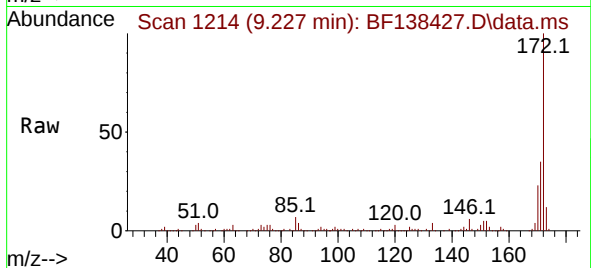
Tgt Ion:172 Resp: 101502

Ion Ratio Lower Upper

172 100

171 35.1 29.0 43.4

170 22.6 19.0 28.6



#52

Acenaphthene

Concen: 4.493 ng

RT: 9.939 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF138427.D

Acq: 02 Jul 2024 14:17

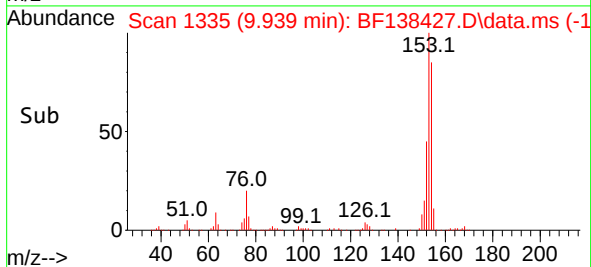
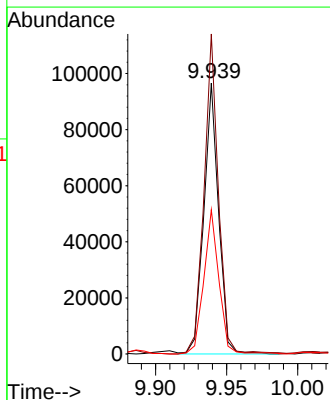
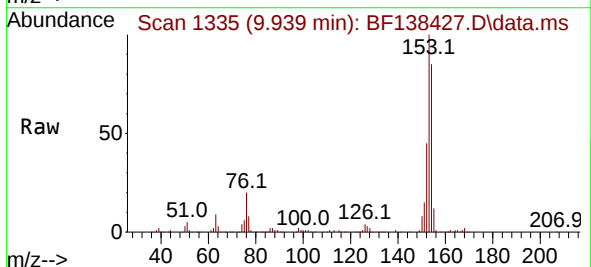
Tgt Ion:154 Resp: 70014

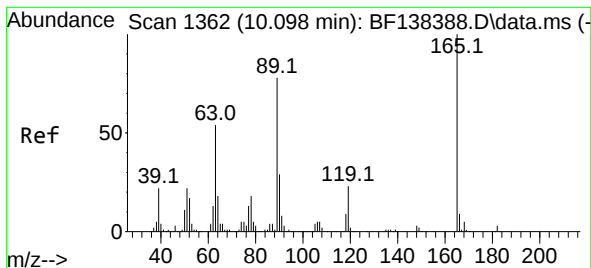
Ion Ratio Lower Upper

154 100

153 118.1 89.4 134.0

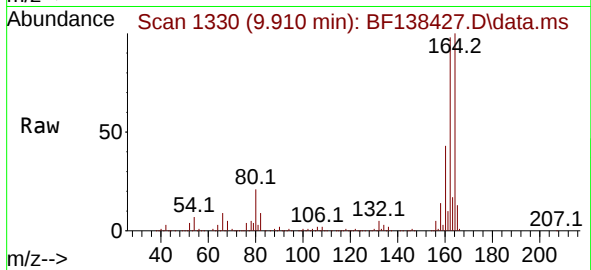
152 53.2 39.7 59.5



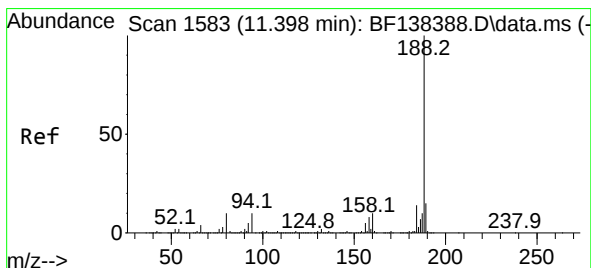
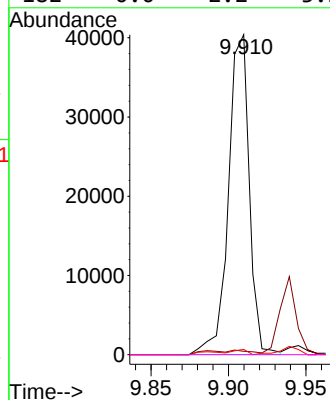
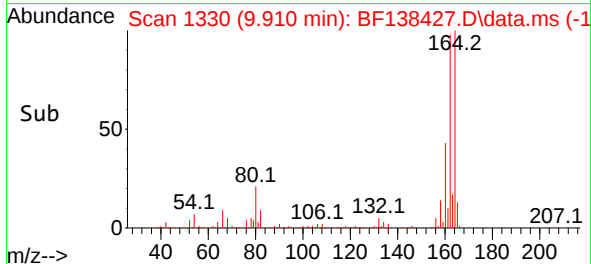


#57
2,4-Dinitrotoluene
Concen: 7.498 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF138427.D
Acq: 02 Jul 2024 14:17

Instrument :
BNA_F
ClientSampleId :

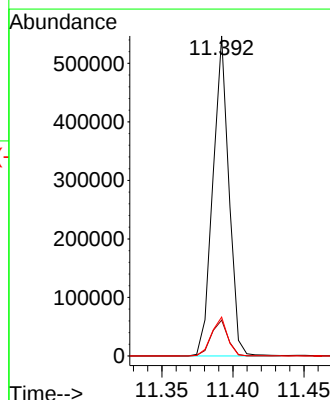
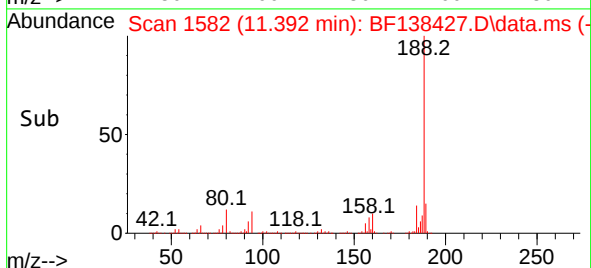
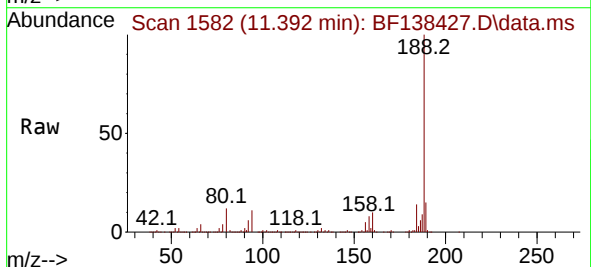


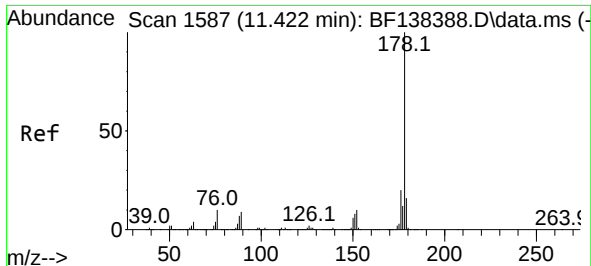
Tgt Ion:165 Resp: 37772
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.2#
89 1.7 62.6 93.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138427.D
Acq: 02 Jul 2024 14:17

Tgt Ion:188 Resp: 429447
Ion Ratio Lower Upper
188 100
94 11.2 8.0 12.0
80 12.2 8.2 12.4

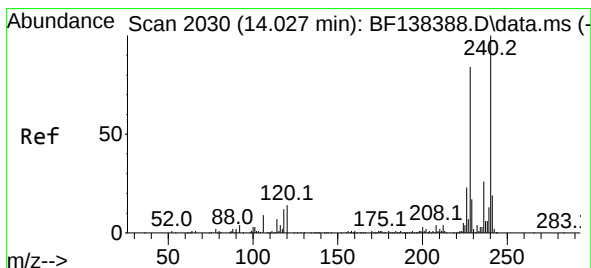
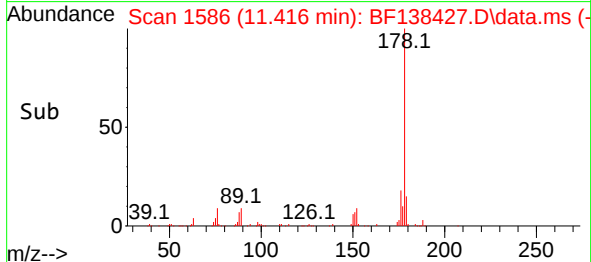
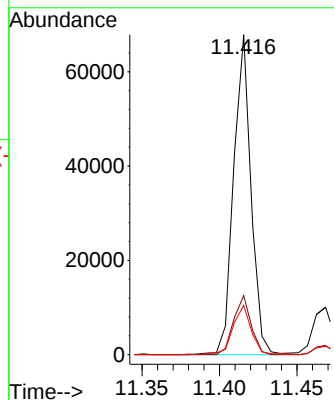
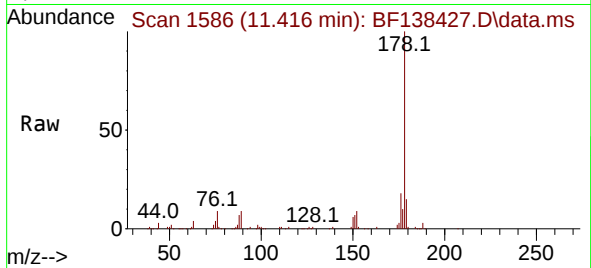




#71
Phenanthrene
Concen: 2.518 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138427.D
Acq: 02 Jul 2024 14:17

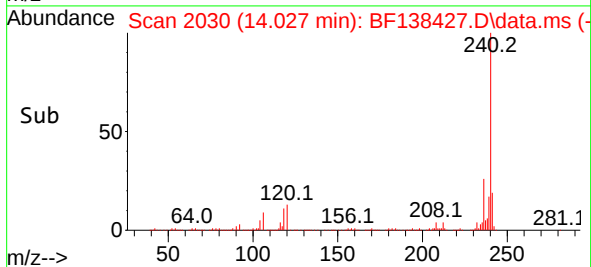
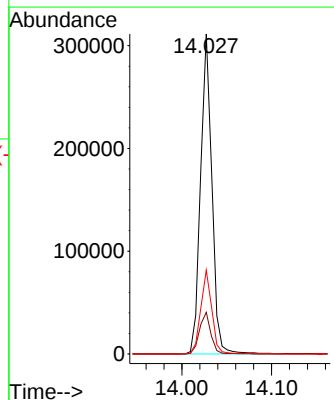
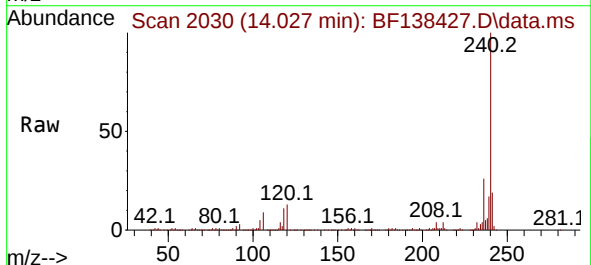
Instrument :
BNA_F
ClientSampleId :

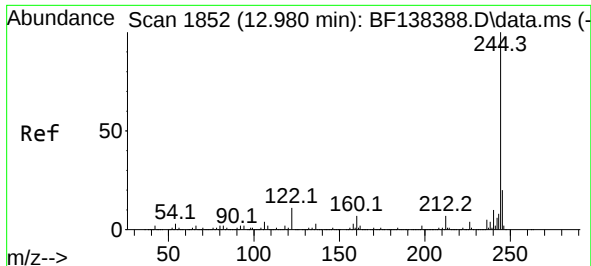
Tgt Ion:178 Resp: 52795
Ion Ratio Lower Upper
178 100
176 18.5 16.1 24.1
179 15.4 12.6 18.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF138427.D
Acq: 02 Jul 2024 14:17

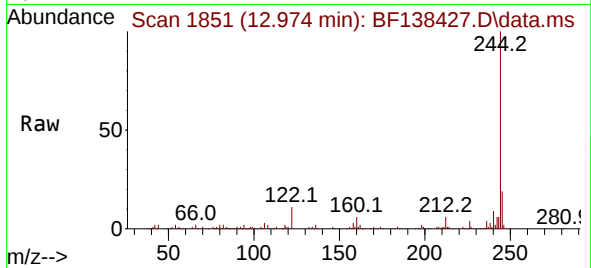
Tgt Ion:240 Resp: 272923
Ion Ratio Lower Upper
240 100
120 13.0 10.9 16.3
236 26.2 20.6 30.8



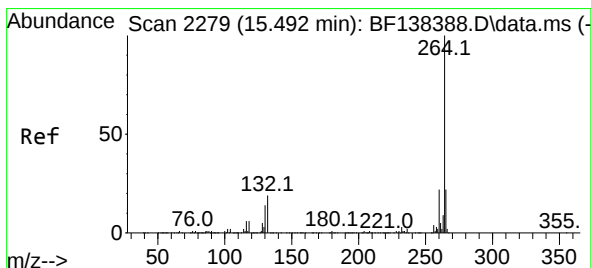
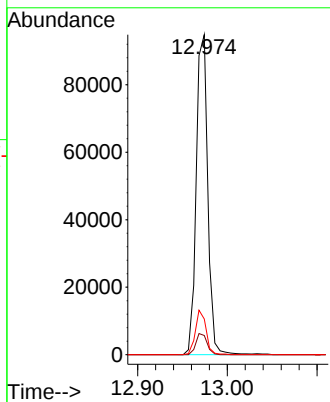
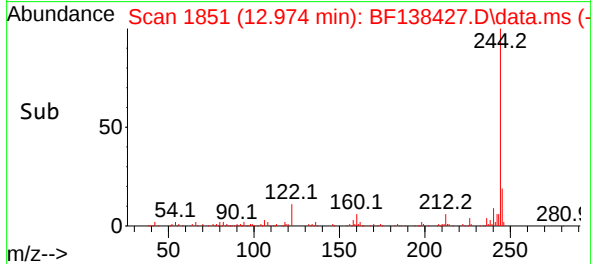


#79
 Terphenyl-d14
 Concen: 4.258 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF138427.D
 Acq: 02 Jul 2024 14:17

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 84807
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.6 8.4
 122 11.2 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. 0.006 min
 Lab File: BF138427.D
 Acq: 02 Jul 2024 14:17

Tgt Ion:264 Resp: 268682
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.8 26.6
 265 21.8 17.5 26.3

