

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143154.D
 Acq On : 17 Jul 2025 18:07
 Operator : RC/JU
 Sample : PB168816BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168816BL

Quant Time: Jul 17 18:23:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

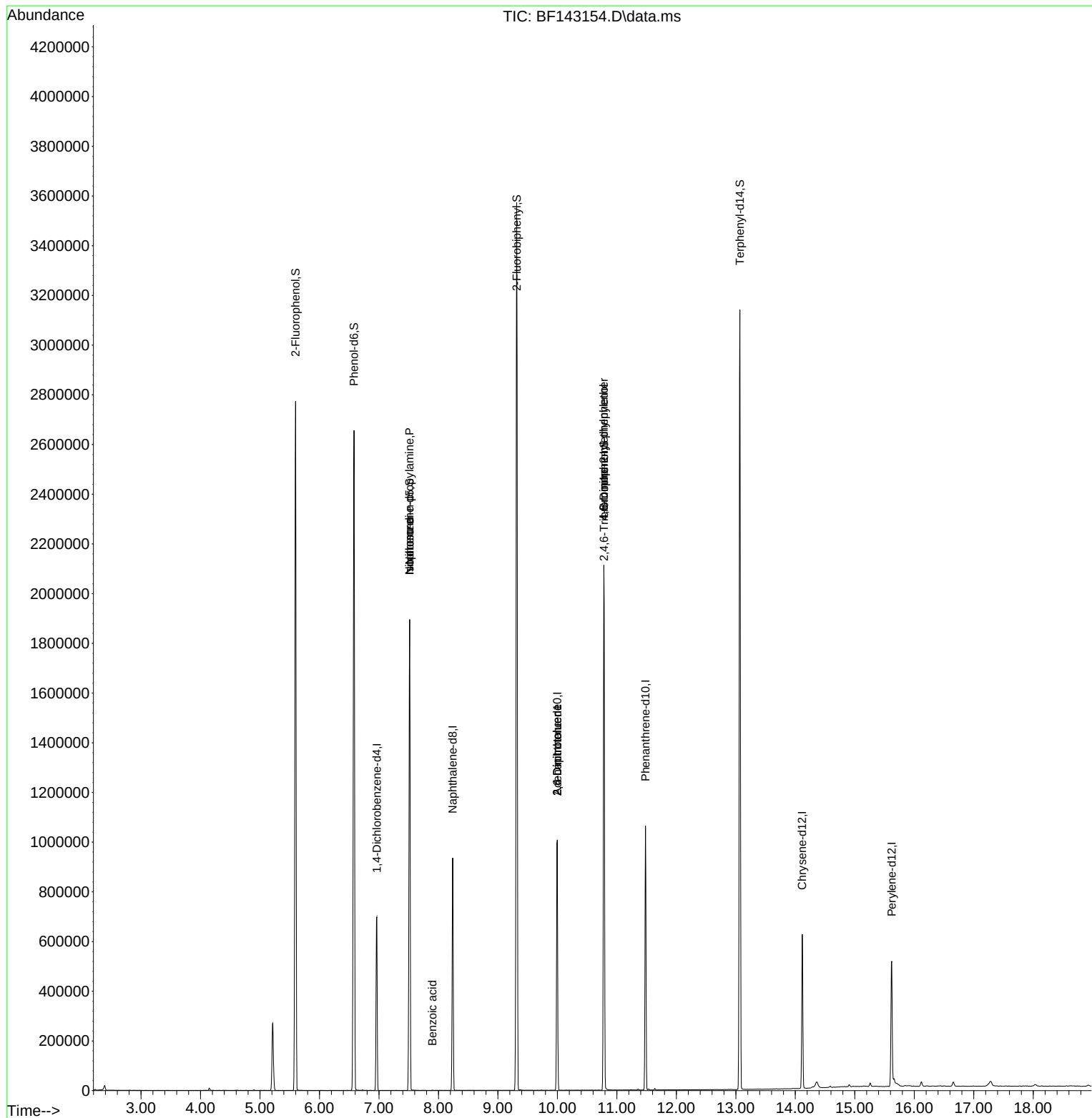
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	147851	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	568198	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	296501	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	516813	20.000	ng	0.00
76) Chrysene-d12	14.116	240	288942	20.000	ng	0.00
86) Perylene-d12	15.621	264	298268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	1066912	114.193	ng	0.01
7) Phenol-d6	6.581	99	1348841	114.697	ng	0.00
23) Nitrobenzene-d5	7.516	82	882845	77.450	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	379327	123.841	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1627472	75.068	ng	0.00
79) Terphenyl-d14	13.069	244	1565893	80.647	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.516	70	119879	15.889	ng	# 78
25) Isophorone	7.516	82	878665	43.665	ng	# 66
32) Benzoic acid	7.898	122	280	5.225	ng	92
51) 2,6-Dinitrotoluene	9.998	165	38082	9.686	ng	# 22
57) 2,4-Dinitrotoluene	9.998	165	38082	7.720	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.781	198	751	5.658	ng	# 1
67) 4-Bromophenyl-phenylether	10.781	248	23669	3.843	ng	# 1

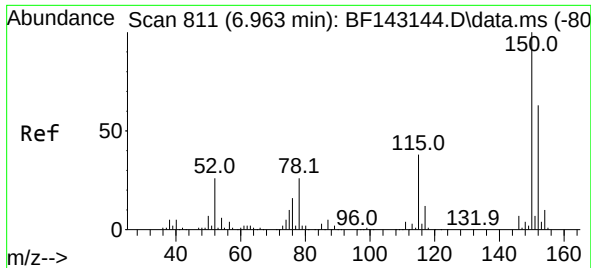
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
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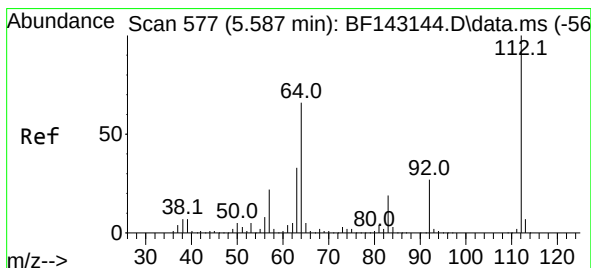
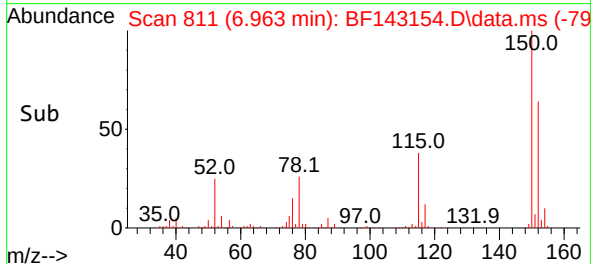
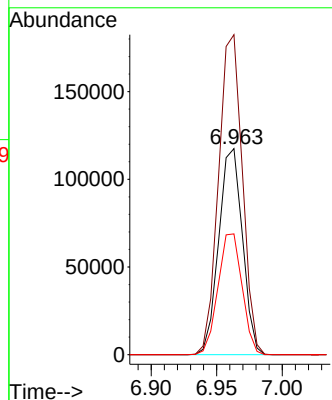
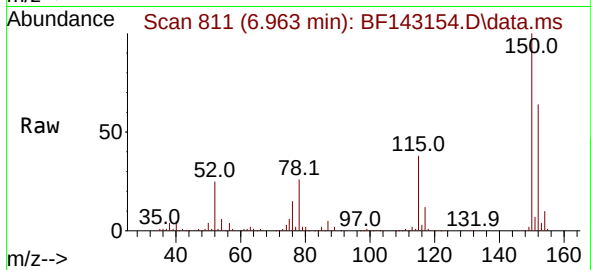




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF143154.D
 Acq: 17 Jul 2025 18:07

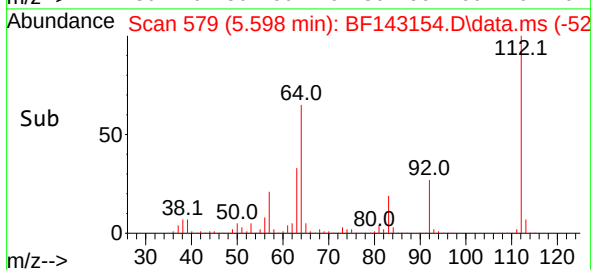
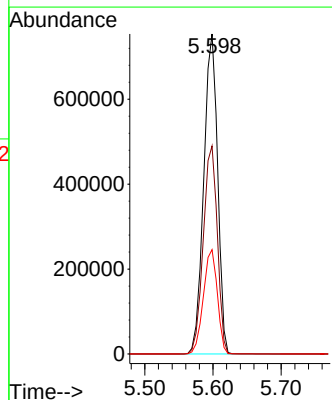
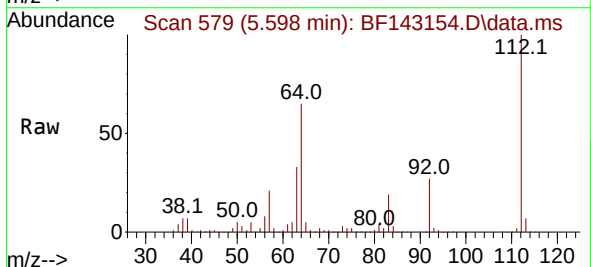
Instrument :
 BNA_F
 ClientSampleId :
 PB168816BL

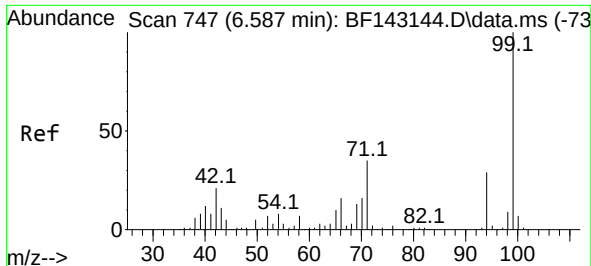
Tgt Ion:152 Resp: 147851
 Ion Ratio Lower Upper
 152 100
 150 155.2 128.2 192.4
 115 58.6 47.9 71.9



#5
 2-Fluorophenol
 Concen: 114.193 ng
 RT: 5.598 min Scan# 579
 Delta R.T. 0.012 min
 Lab File: BF143154.D
 Acq: 17 Jul 2025 18:07

Tgt Ion:112 Resp: 1066912
 Ion Ratio Lower Upper
 112 100
 64 65.0 53.1 79.7
 63 32.6 26.6 40.0

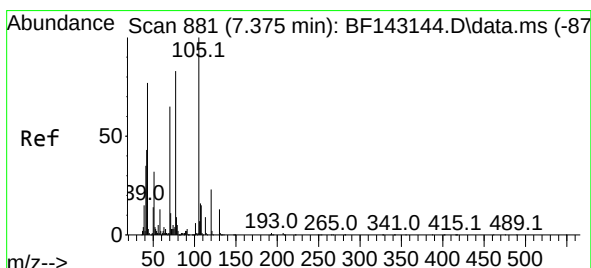
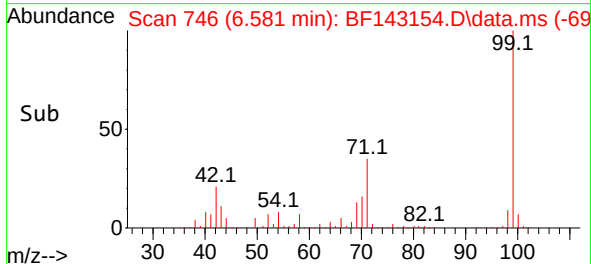
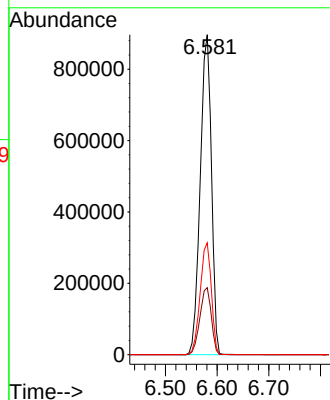
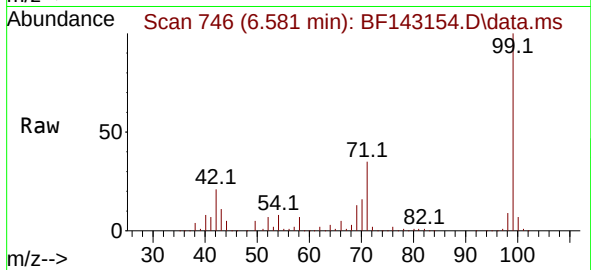




#7
Phenol-d6
Concen: 114.697 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143154.D
Acq: 17 Jul 2025 18:07

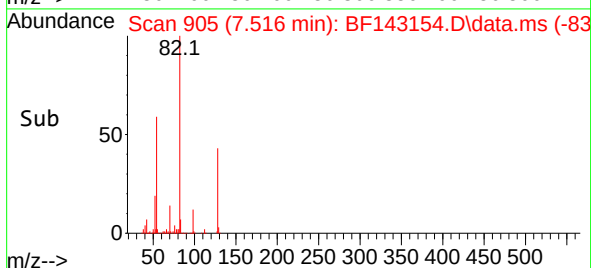
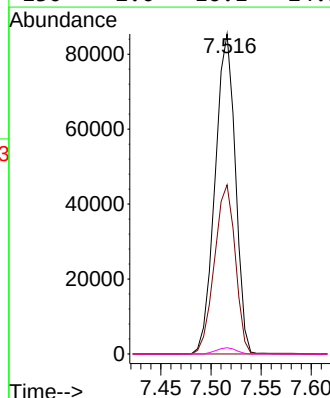
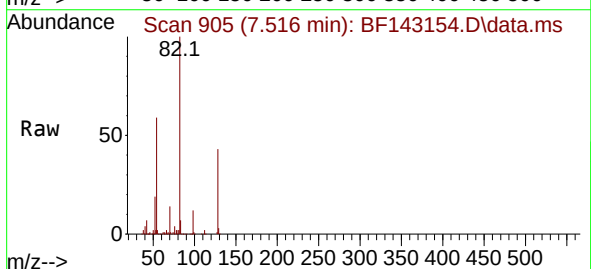
Instrument :
BNA_F
ClientSampleId :
PB168816BL

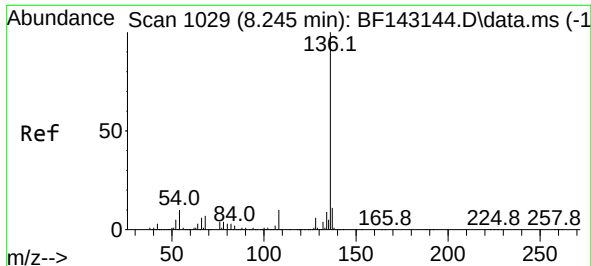
Tgt Ion: 99 Resp: 1348841
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 35.0 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.889 ng
RT: 7.516 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF143154.D
Acq: 17 Jul 2025 18:07

Tgt Ion: 70 Resp: 119879
Ion Ratio Lower Upper
70 100
42 52.9 52.5 78.7
101 0.0 7.6 11.4#
130 2.0 16.1 24.1#

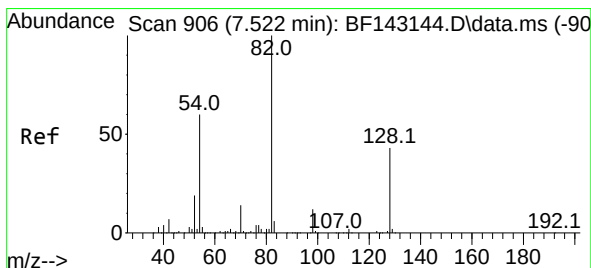
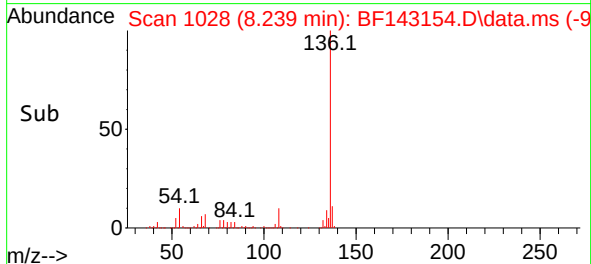
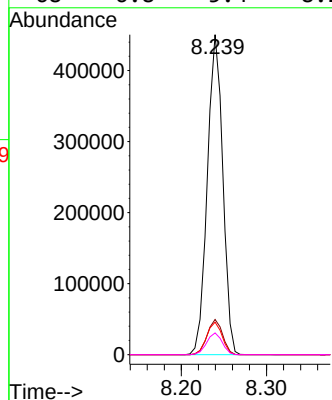
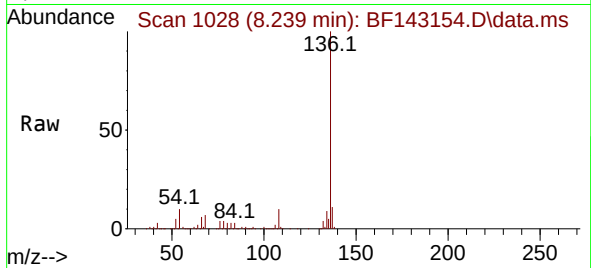




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143154.D
Acq: 17 Jul 2025 18:07

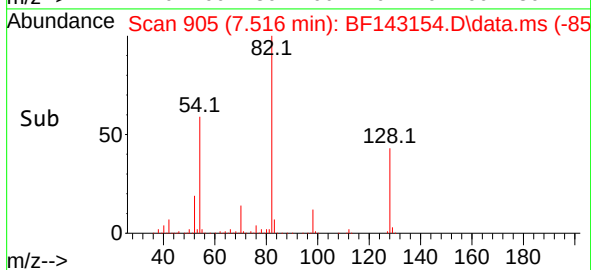
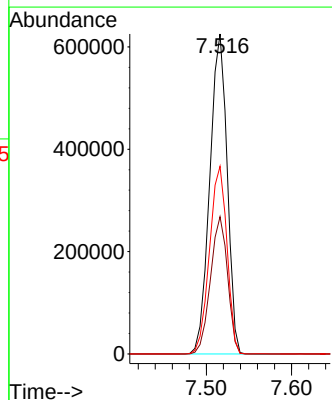
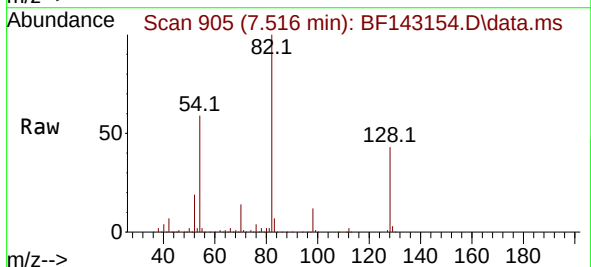
Instrument :
BNA_F
ClientSampleId :
PB168816BL

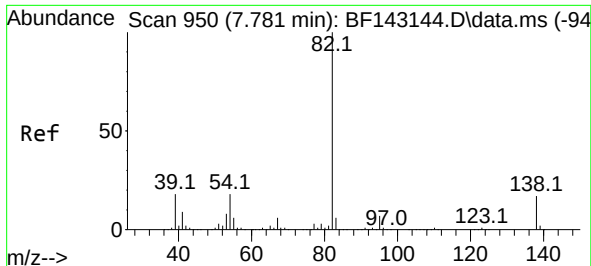
Tgt Ion:	136	Resp:	568198
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	10.2	8.2	12.2
68	6.8	5.4	8.2



#23
Nitrobenzene-d5
Concen: 77.450 ng
RT: 7.516 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF143154.D
Acq: 17 Jul 2025 18:07

Tgt Ion:	82	Resp:	882845
Ion Ratio	Lower	Upper	
82	100		
128	42.9	33.6	50.4
54	58.7	47.1	70.7

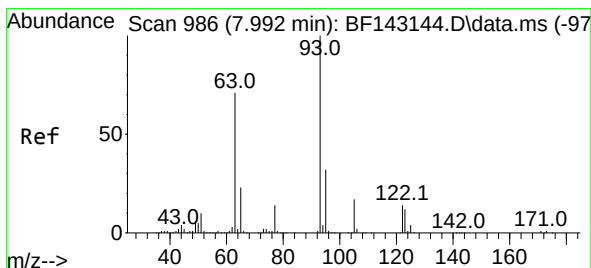
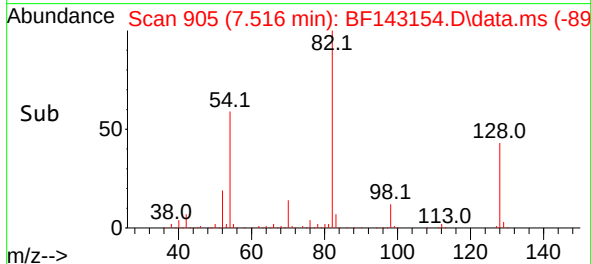
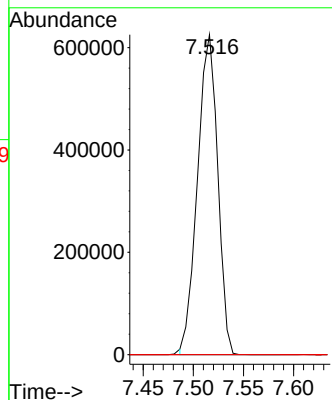
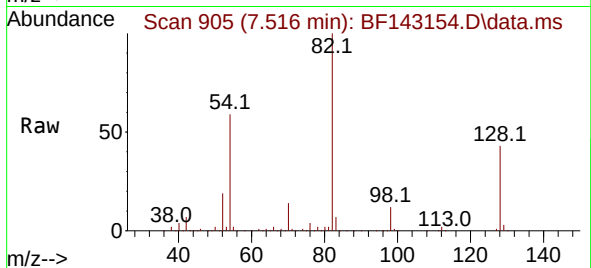




#25
Isophorone
Concen: 43.665 ng
RT: 7.516 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF143154.D
Acq: 17 Jul 2025 18:07

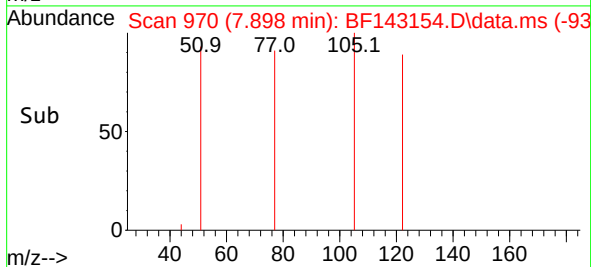
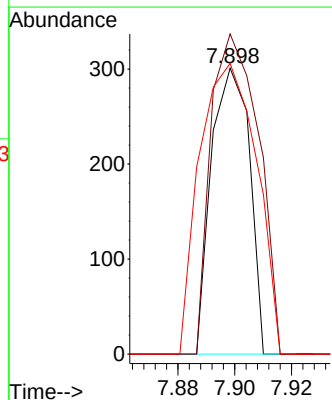
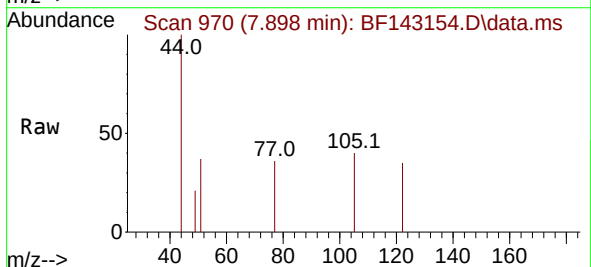
Instrument :
BNA_F
ClientSampleId :
PB168816BL

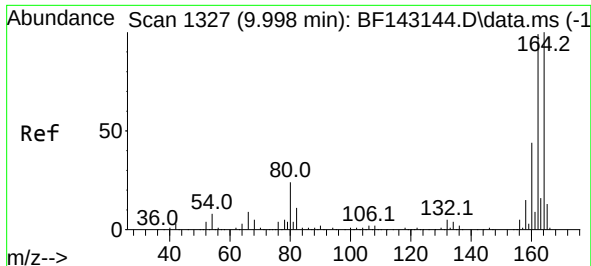
Tgt Ion: 82 Resp: 878665
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.8 20.8#



#32
Benzoic acid
Concen: 5.225 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.094 min
Lab File: BF143154.D
Acq: 17 Jul 2025 18:07

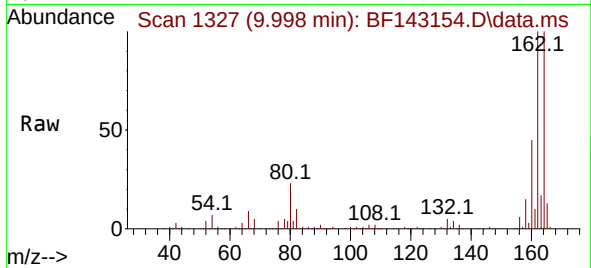
Tgt Ion:122 Resp: 280
Ion Ratio Lower Upper
122 100
105 112.0 104.8 144.8
77 101.7 77.6 117.6



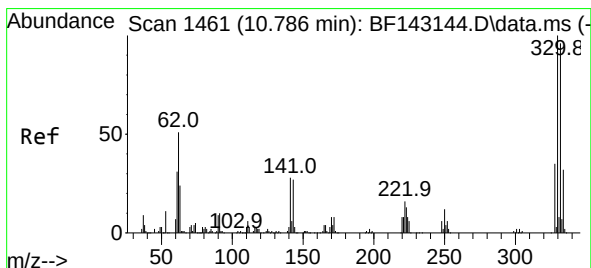
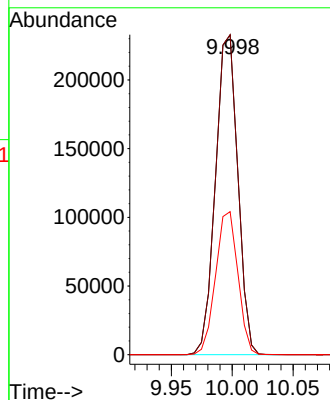
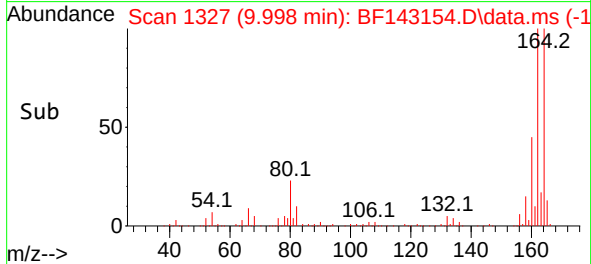


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143154.D
Acq: 17 Jul 2025 18:07

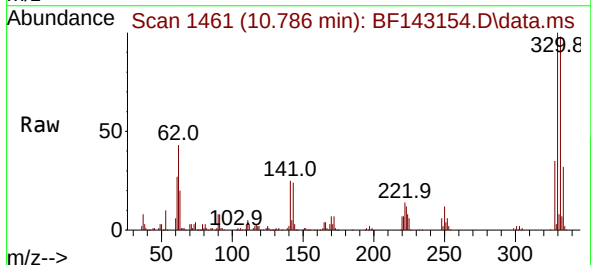
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ClientSampleId :
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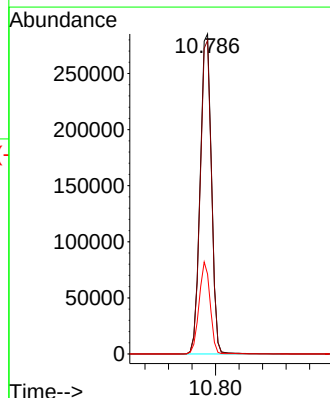
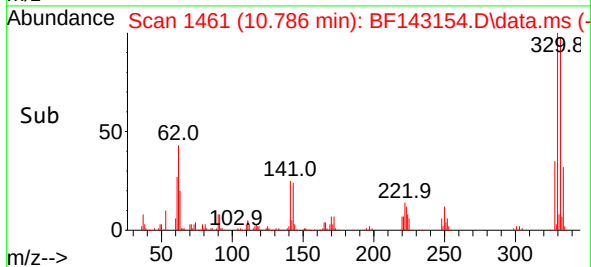
Tgt Ion:164 Resp: 296501
Ion Ratio Lower Upper
164 100
162 100.1 79.0 118.6
160 44.8 35.1 52.7

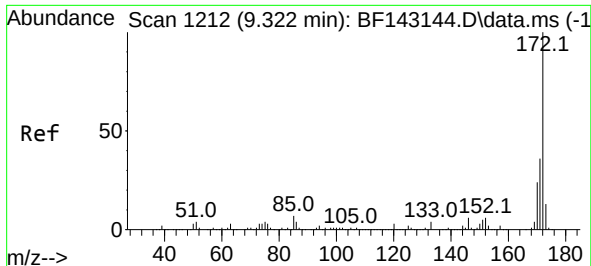


#42
2,4,6-Tribromophenol
Concen: 123.841 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143154.D
Acq: 17 Jul 2025 18:07



Tgt Ion:330 Resp: 379327
Ion Ratio Lower Upper
330 100
332 97.7 76.7 115.1
141 28.2 23.3 34.9

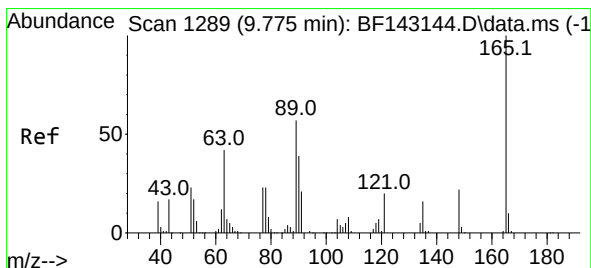
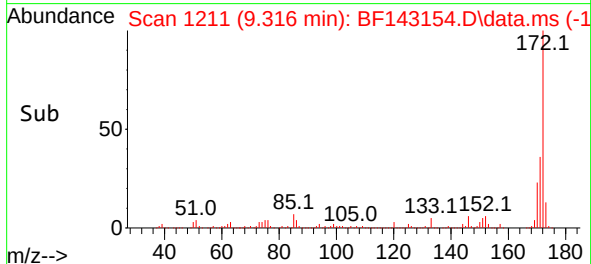
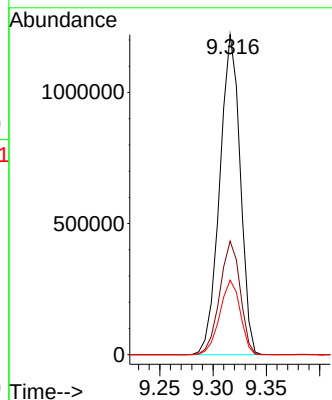
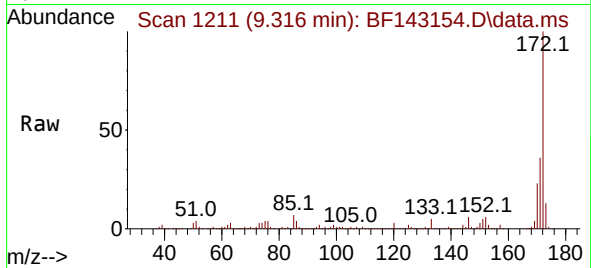




#45
2-Fluorobiphenyl
Concen: 75.068 ng
RT: 9.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143154.D
Acq: 17 Jul 2025 18:07

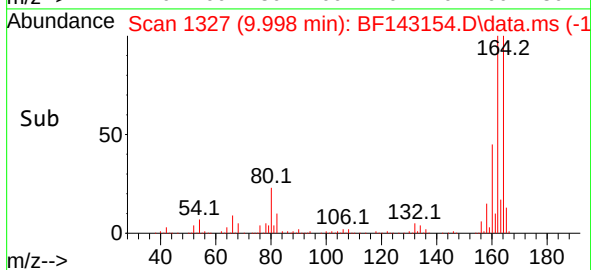
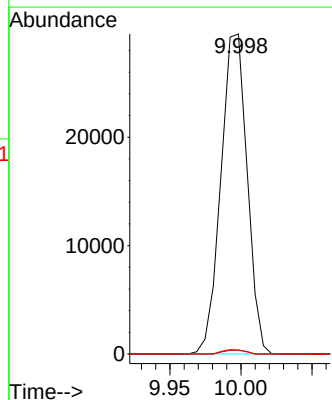
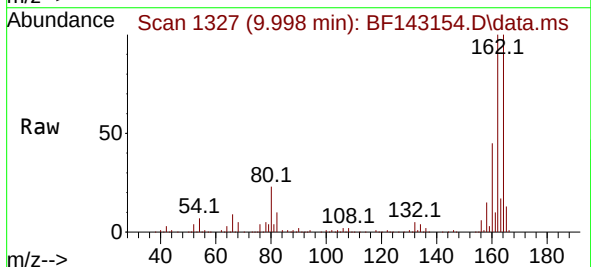
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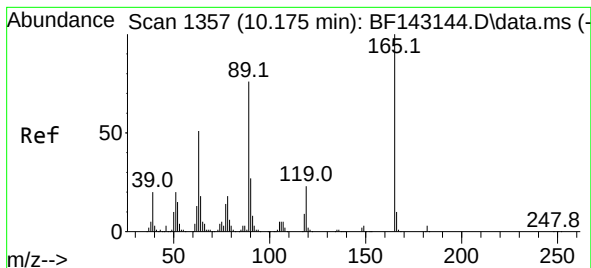
Tgt Ion:172 Resp: 1627472
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.3 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.686 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.224 min
Lab File: BF143154.D
Acq: 17 Jul 2025 18:07

Tgt Ion:165 Resp: 38082
Ion Ratio Lower Upper
165 100
63 1.2 49.4 74.2#
89 1.3 46.2 69.2#

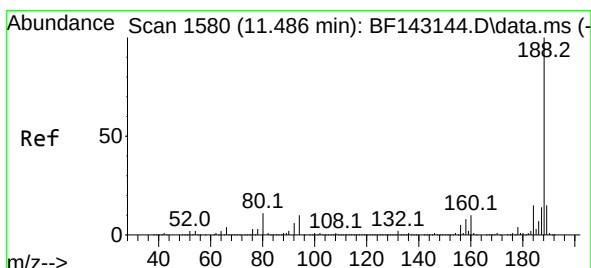
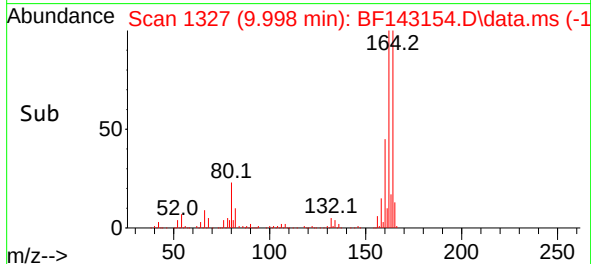
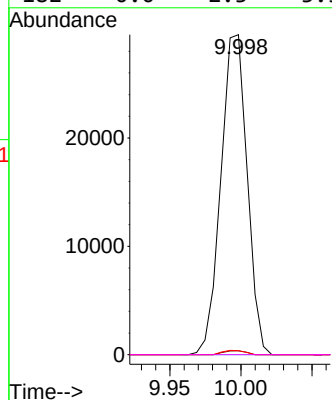
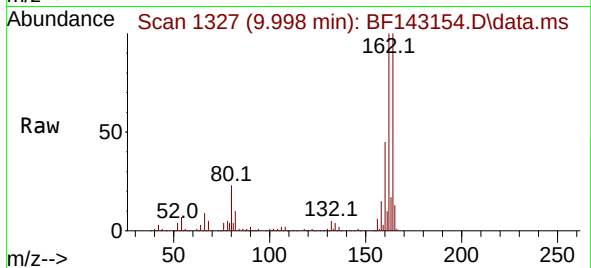




#57
2,4-Dinitrotoluene
Concen: 7.720 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.176 min
Lab File: BF143154.D
Acq: 17 Jul 2025 18:07

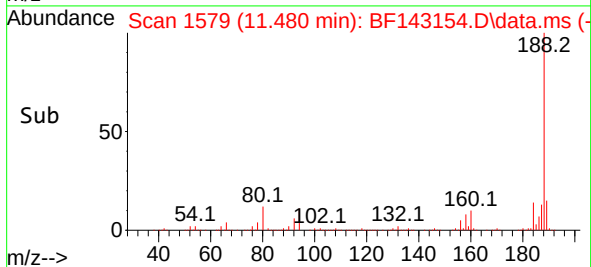
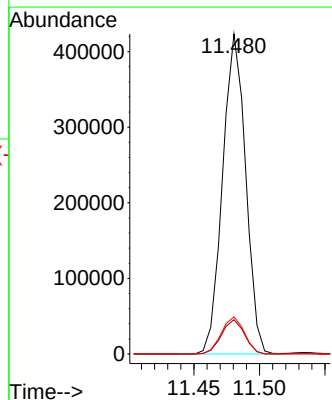
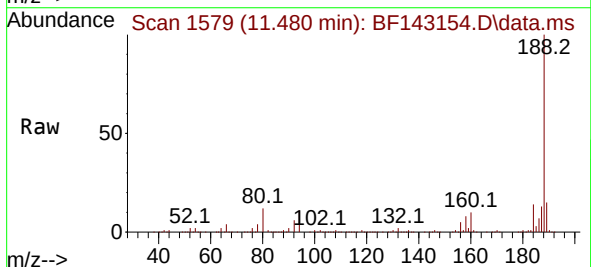
Instrument :
BNA_F
ClientSampleId :
PB168816BL

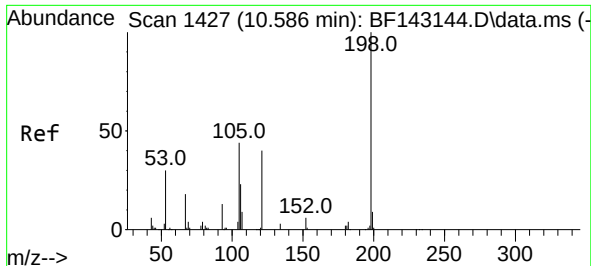
Tgt Ion:165 Resp: 38082
Ion Ratio Lower Upper
165 100
63 1.2 41.0 61.4#
89 1.3 61.1 91.7#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143154.D
Acq: 17 Jul 2025 18:07

Tgt Ion:188 Resp: 516813
Ion Ratio Lower Upper
188 100
94 10.7 8.3 12.5
80 11.6 9.0 13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 5.658 ng

RT: 10.781 min Scan# 1460

Delta R.T. 0.194 min

Lab File: BF143154.D

Acq: 17 Jul 2025 18:07

Instrument :

BNA_F

ClientSampleId :

PB168816BL

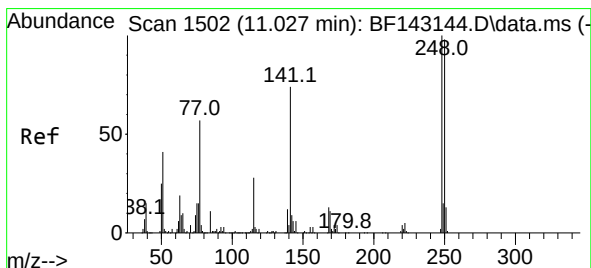
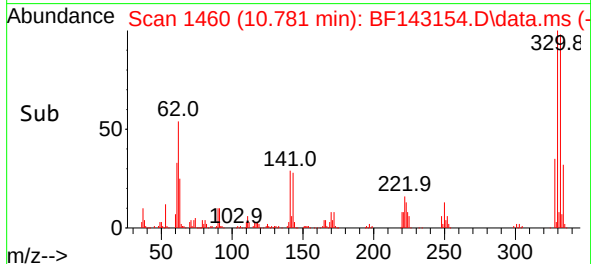
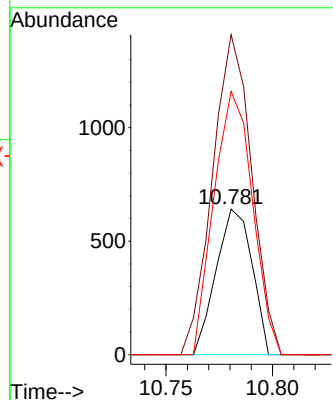
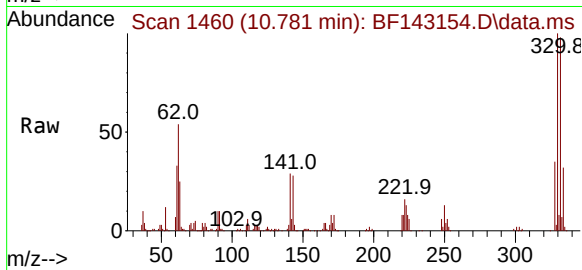
Tgt Ion:198 Resp: 751

Ion Ratio Lower Upper

198 100

51 219.8 37.2 77.2#

105 180.8 24.8 64.8#



#67

4-Bromophenyl-phenylether

Concen: 3.843 ng

RT: 10.781 min Scan# 1460

Delta R.T. -0.247 min

Lab File: BF143154.D

Acq: 17 Jul 2025 18:07

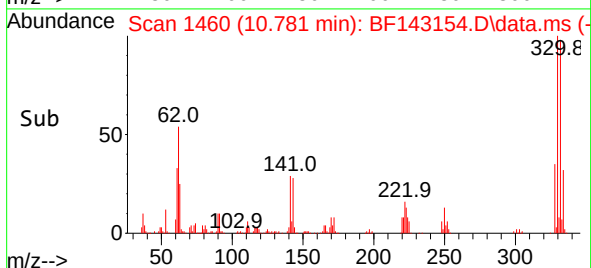
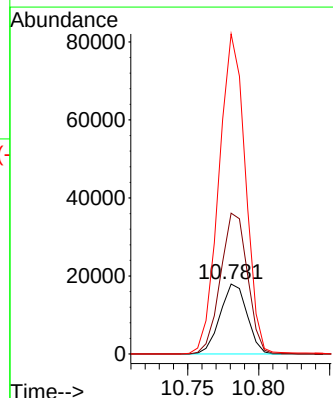
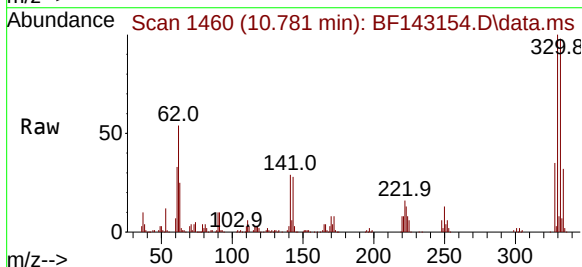
Tgt Ion:248 Resp: 23669

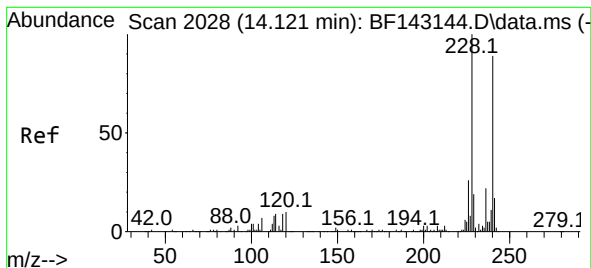
Ion Ratio Lower Upper

248 100

250 201.5 78.3 117.5#

141 458.1 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.116 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF143154.D

Acq: 17 Jul 2025 18:07

Instrument :

BNA_F

ClientSampleId :

PB168816BL

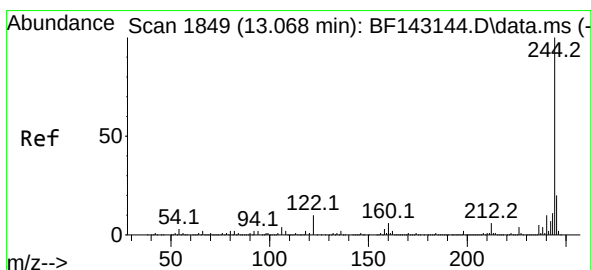
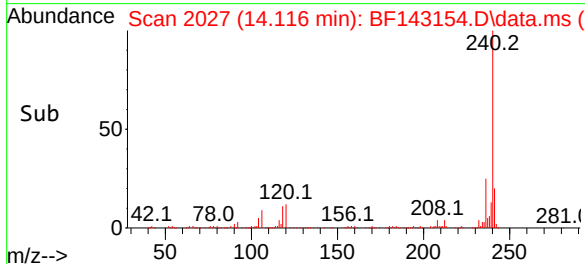
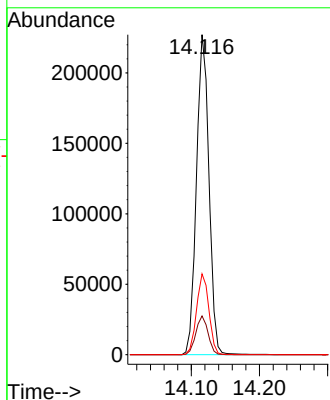
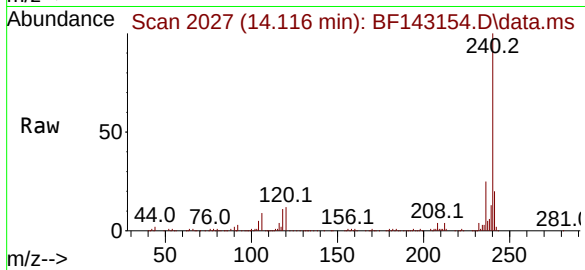
Tgt Ion:240 Resp: 288942

Ion Ratio Lower Upper

240 100

120 12.1 9.4 14.2

236 25.3 20.2 30.4



#79

Terphenyl-d14

Concen: 80.647 ng

RT: 13.069 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF143154.D

Acq: 17 Jul 2025 18:07

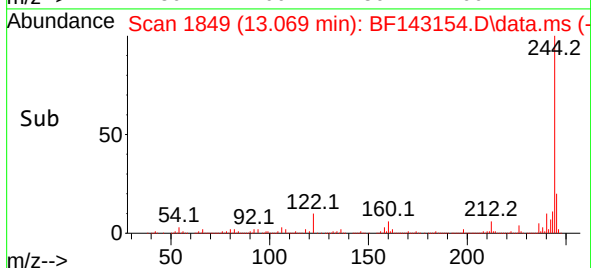
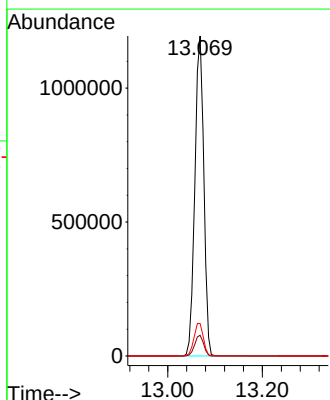
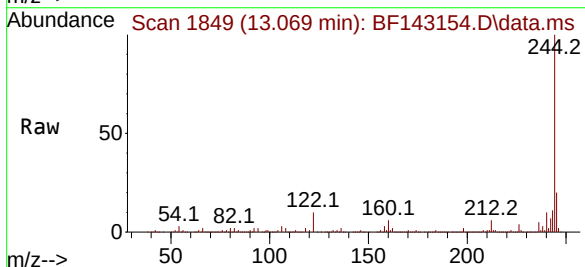
Tgt Ion:244 Resp: 1565893

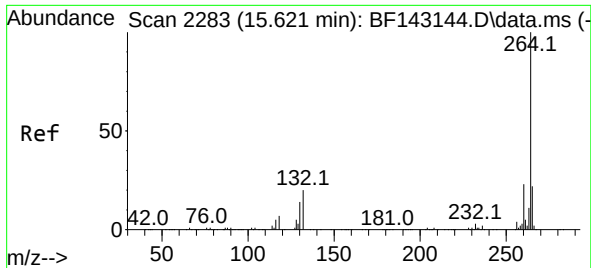
Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

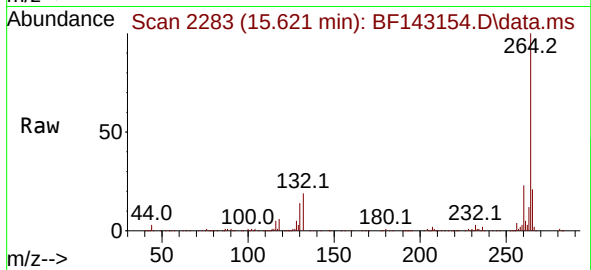
122 10.2 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF143154.D
 Acq: 17 Jul 2025 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB168816BL



Tgt Ion:	264	Resp:	298268
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.5	27.7
265	21.3	17.4	26.2

