

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143155.D
 Acq On : 17 Jul 2025 18:37
 Operator : RC/JU
 Sample : PB167904BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167904BL

Quant Time: Jul 18 01:03:36 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)

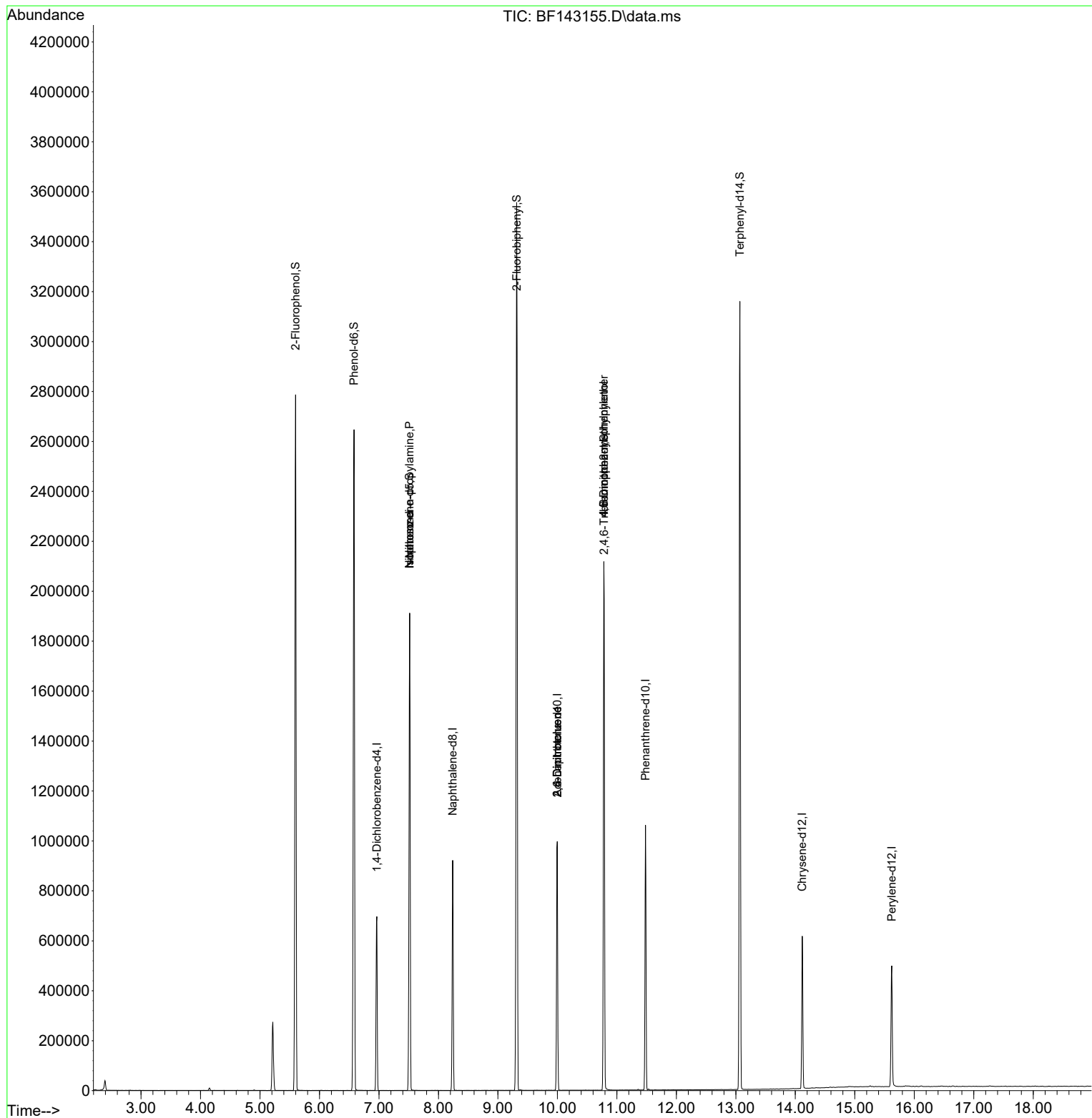
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	146068	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	558898	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	300008	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	518578	20.000	ng	0.00
76) Chrysene-d12	14.115	240	286221	20.000	ng	0.00
86) Perylene-d12	15.621	264	276781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	1067066	115.603	ng	0.01
7) Phenol-d6	6.581	99	1344480	115.722	ng	0.00
23) Nitrobenzene-d5	7.516	82	873955	77.946	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	382625	123.457	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1629422	74.279	ng	0.00
79) Terphenyl-d14	13.068	244	1569049	81.577	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.516	70	118175	15.854	ng	# 78
25) Isophorone	7.516	82	870414	43.975	ng	# 66
51) 2,6-Dinitrotoluene	9.998	165	39093	9.827	ng	# 23
57) 2,4-Dinitrotoluene	9.998	165	39093	7.833	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.780	198	702	5.642	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	23539	3.809	ng	# 1

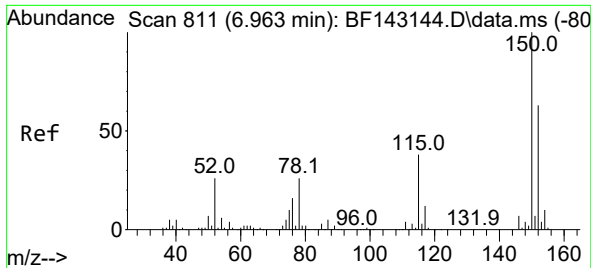
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143155.D
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Operator : RC/JU
Sample : PB167904BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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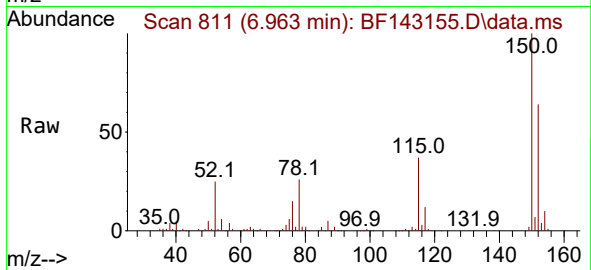
Quant Time: Jul 18 01:03:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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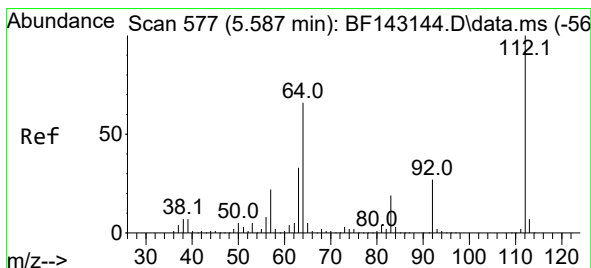
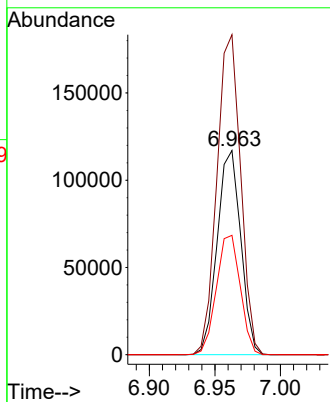
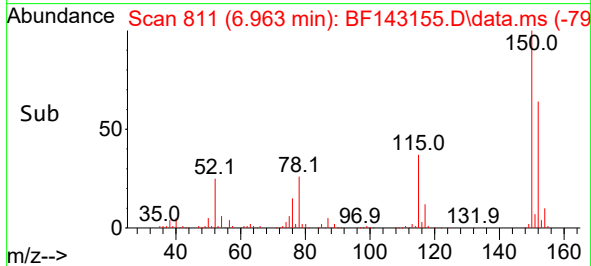


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143155.D
Acq: 17 Jul 2025 18:37

Instrument :
BNA_F
ClientSampleId :
PB167904BL

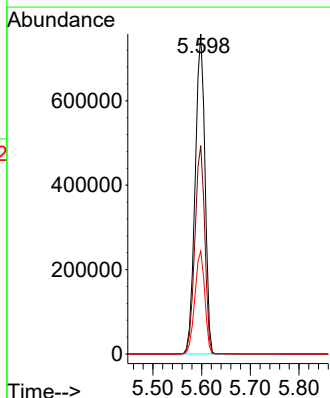
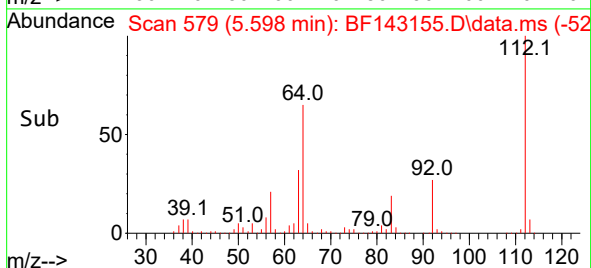
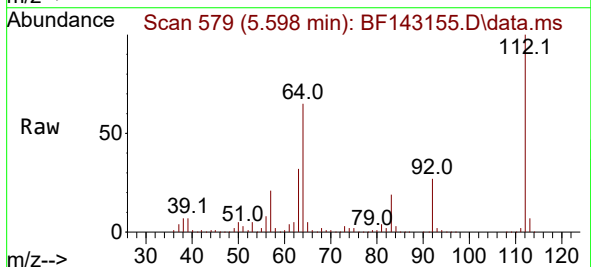


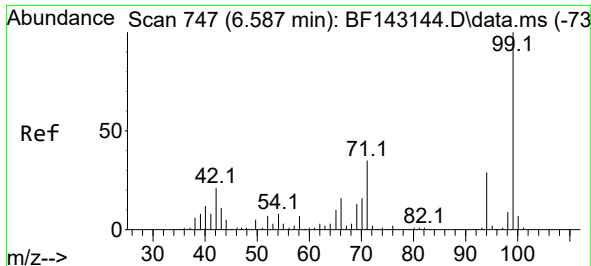
Tgt Ion:152 Resp: 146068
Ion Ratio Lower Upper
152 100
150 156.7 128.2 192.4
115 58.5 47.9 71.9



#5
2-Fluorophenol
Concen: 115.603 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143155.D
Acq: 17 Jul 2025 18:37

Tgt Ion:112 Resp: 1067066
Ion Ratio Lower Upper
112 100
64 65.1 53.1 79.7
63 32.2 26.6 40.0

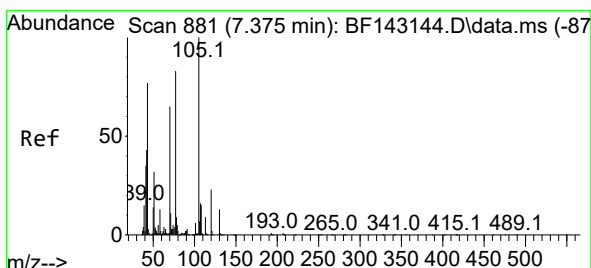
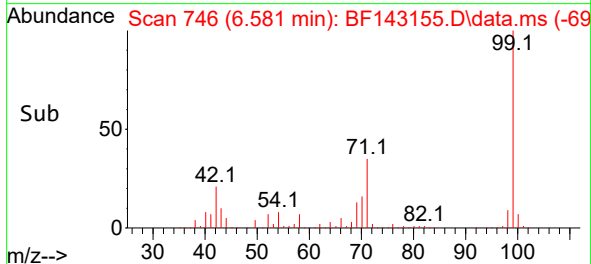
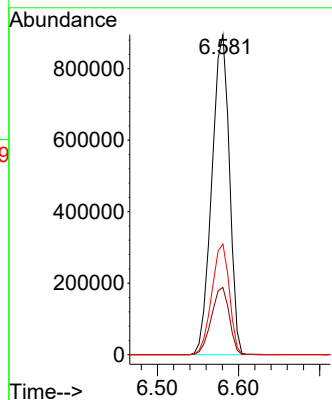
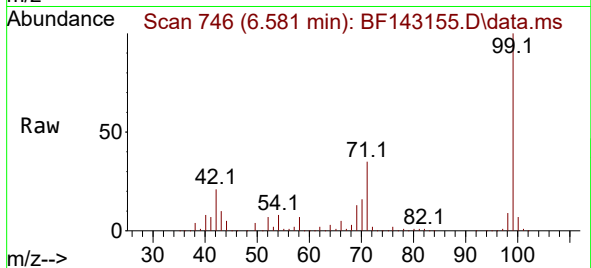




#7
Phenol-d6
Concen: 115.722 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143155.D
Acq: 17 Jul 2025 18:37

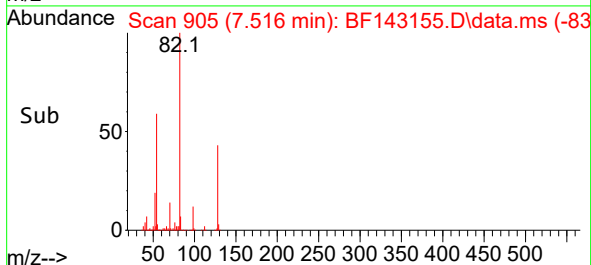
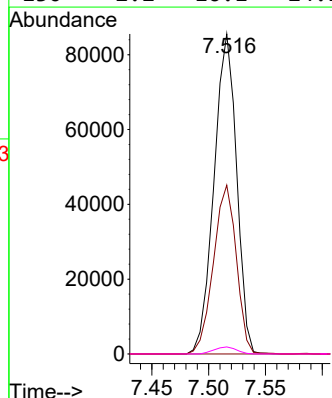
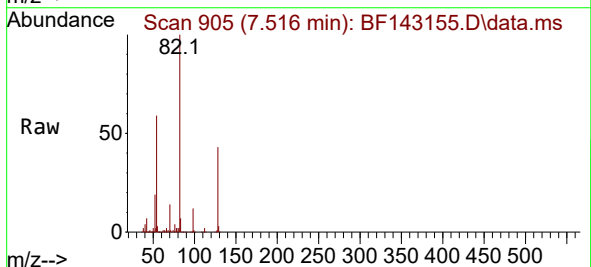
Instrument :
BNA_F
ClientSampleId :
PB167904BL

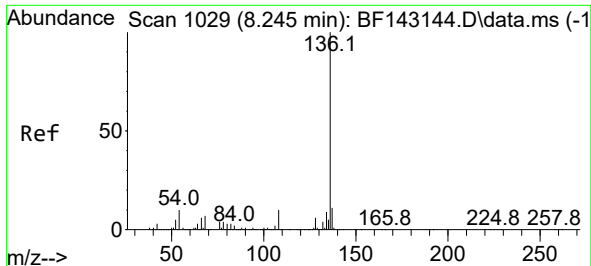
Tgt Ion: 99 Resp: 1344480
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 34.6 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.854 ng
RT: 7.516 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF143155.D
Acq: 17 Jul 2025 18:37

Tgt Ion: 70 Resp: 118175
Ion Ratio Lower Upper
70 100
42 52.7 52.5 78.7
101 0.0 7.6 11.4#
130 2.2 16.1 24.1#

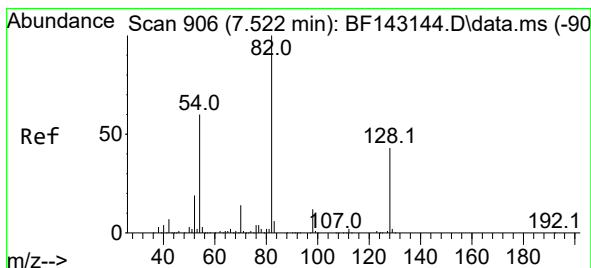
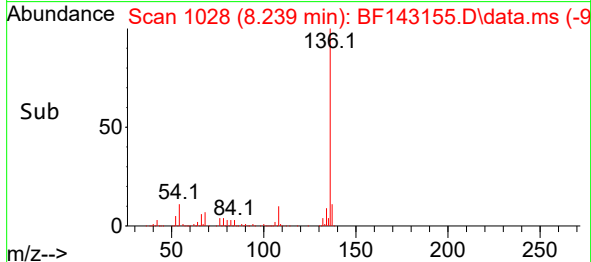
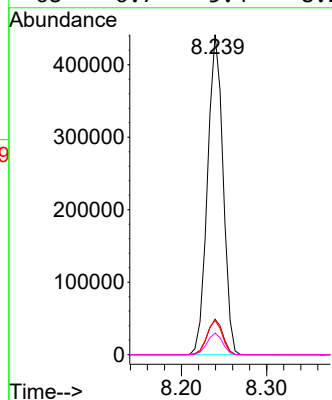
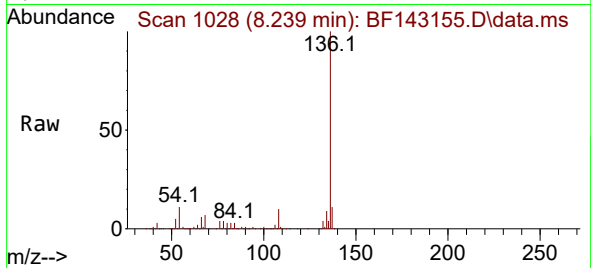




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143155.D
Acq: 17 Jul 2025 18:37

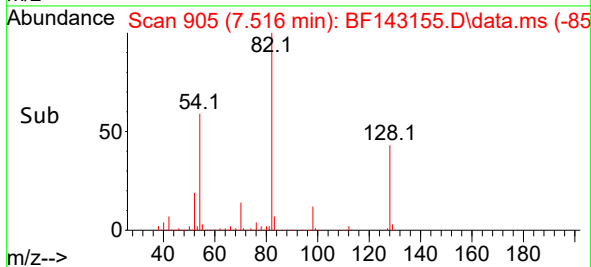
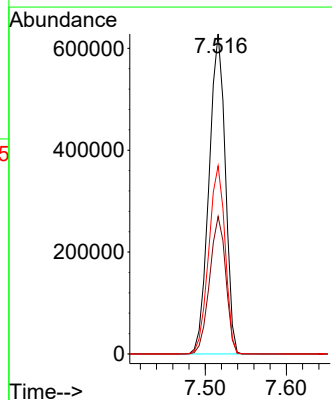
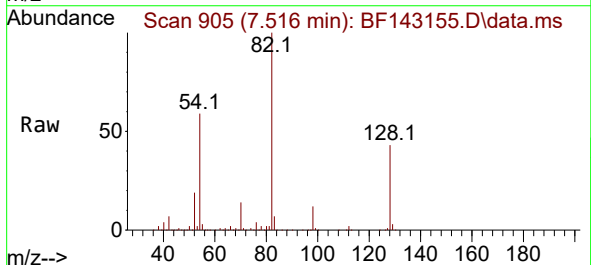
Instrument :
BNA_F
ClientSampleId :
PB167904BL

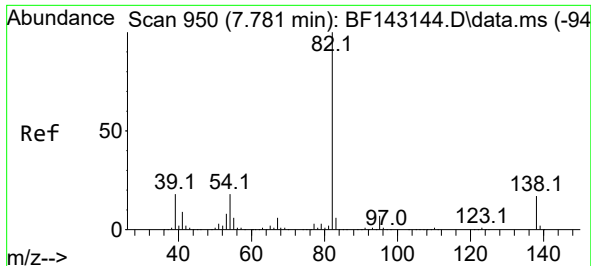
Tgt Ion:	136	Resp:	558898
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.7	8.2	12.2
68	6.7	5.4	8.2



#23
Nitrobenzene-d5
Concen: 77.946 ng
RT: 7.516 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF143155.D
Acq: 17 Jul 2025 18:37

Tgt Ion:	82	Resp:	873955
Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.6	50.4
54	58.8	47.1	70.7

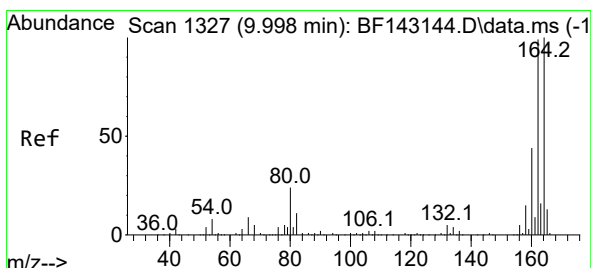
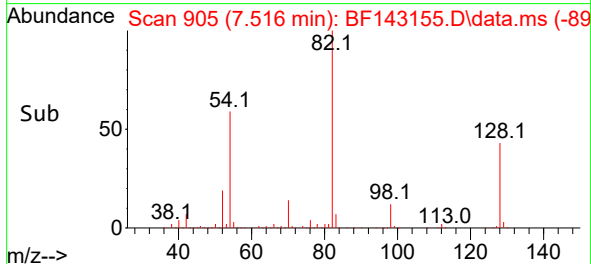
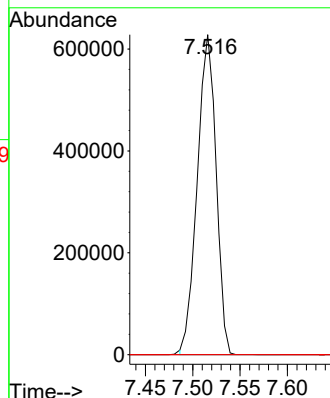
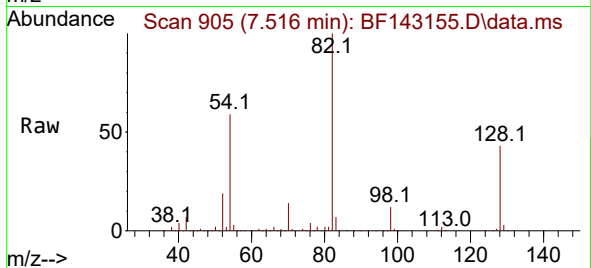




#25
Isophorone
Concen: 43.975 ng
RT: 7.516 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF143155.D
Acq: 17 Jul 2025 18:37

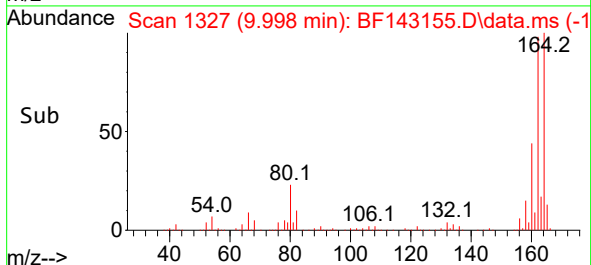
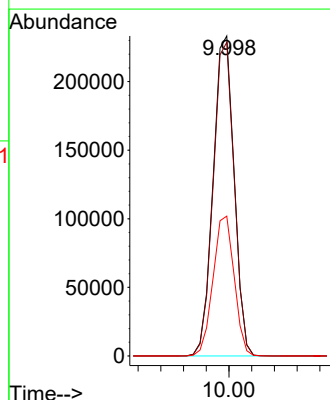
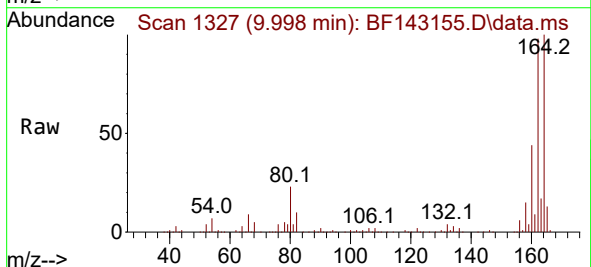
Instrument :
BNA_F
ClientSampleId :
PB167904BL

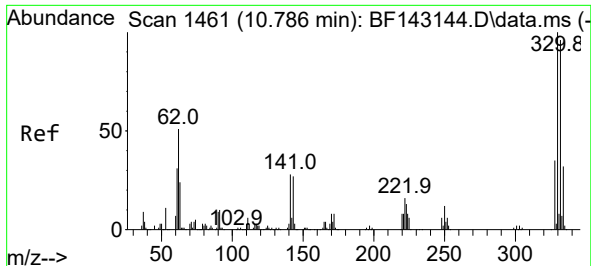
Tgt Ion: 82 Resp: 870414
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143155.D
Acq: 17 Jul 2025 18:37

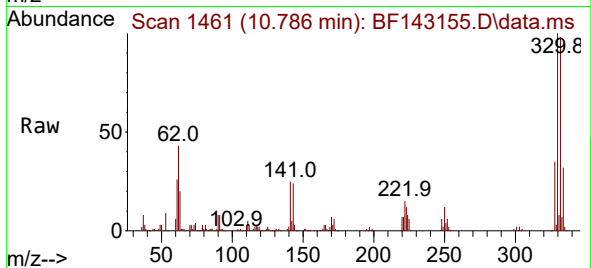
Tgt Ion:164 Resp: 300008
Ion Ratio Lower Upper
164 100
162 98.0 79.0 118.6
160 43.7 35.1 52.7



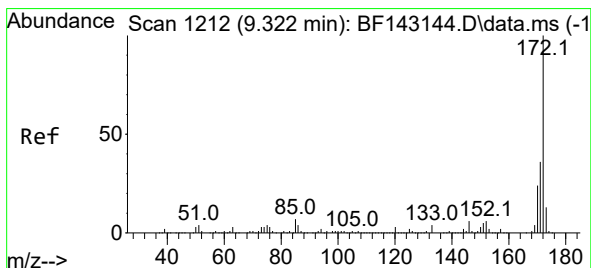
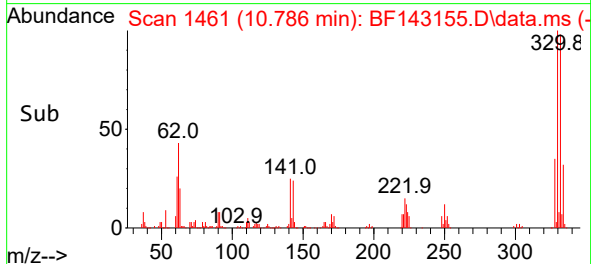
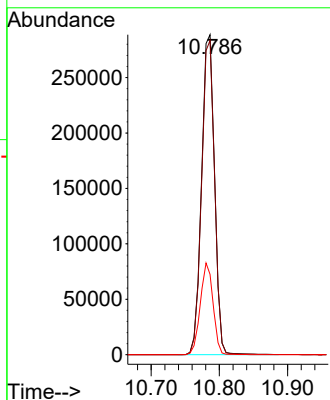


#42
2,4,6-Tribromophenol
Concen: 123.457 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143155.D
Acq: 17 Jul 2025 18:37

Instrument :
BNA_F
ClientSampleId :
PB167904BL

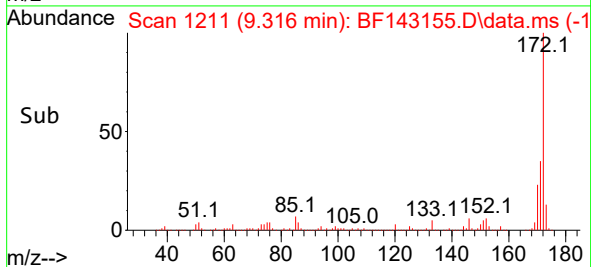
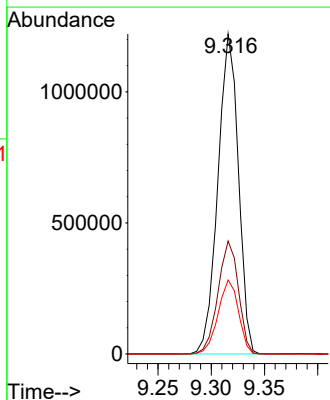
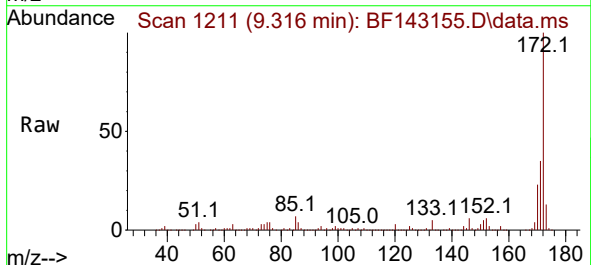


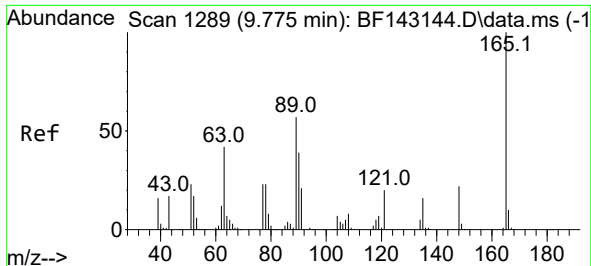
Tgt Ion:330 Resp: 382625
Ion Ratio Lower Upper
330 100
332 97.9 76.7 115.1
141 28.1 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 74.279 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143155.D
Acq: 17 Jul 2025 18:37

Tgt Ion:172 Resp: 1629422
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.1 18.8 28.2

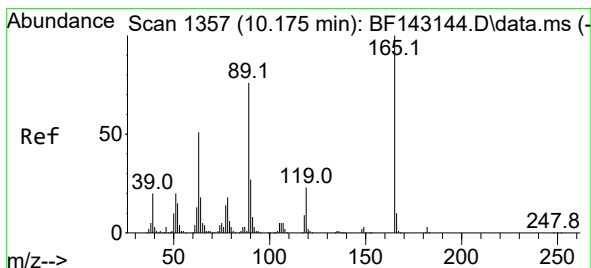
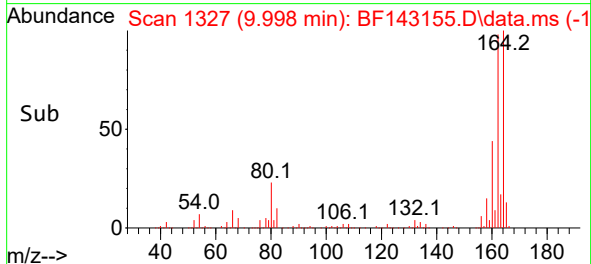
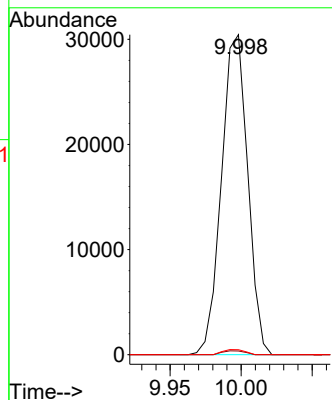
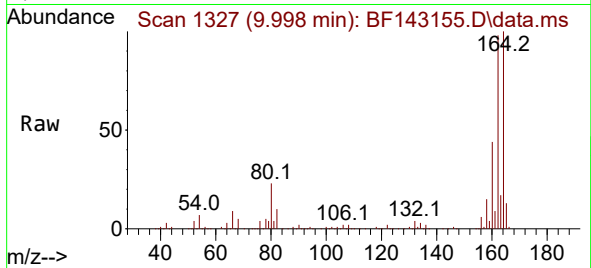




#51
2,6-Dinitrotoluene
Concen: 9.827 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.223 min
Lab File: BF143155.D
Acq: 17 Jul 2025 18:37

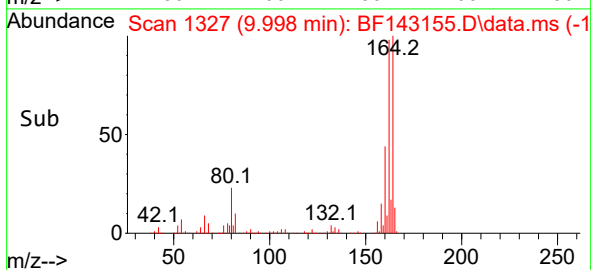
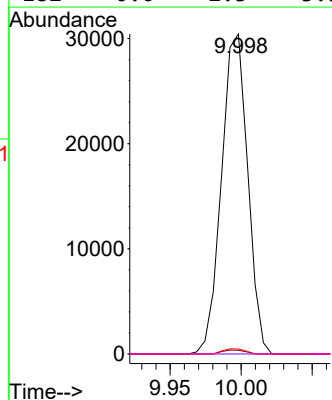
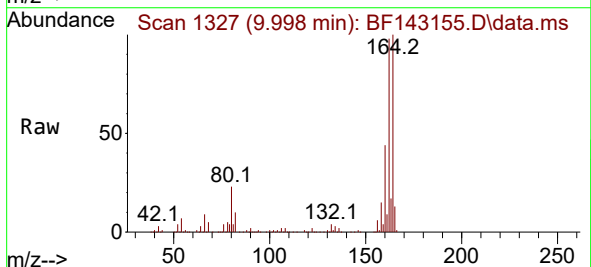
Instrument :
BNA_F
ClientSampleId :
PB167904BL

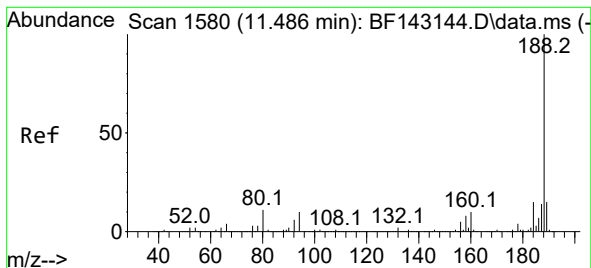
Tgt Ion:165 Resp: 39093
Ion Ratio Lower Upper
165 100
63 1.2 49.4 74.2#
89 1.5 46.2 69.2#



#57
2,4-Dinitrotoluene
Concen: 7.833 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.177 min
Lab File: BF143155.D
Acq: 17 Jul 2025 18:37

Tgt Ion:165 Resp: 39093
Ion Ratio Lower Upper
165 100
63 1.2 41.0 61.4#
89 1.5 61.1 91.7#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143155.D

Acq: 17 Jul 2025 18:37

Instrument :

BNA_F

ClientSampleId :

PB167904BL

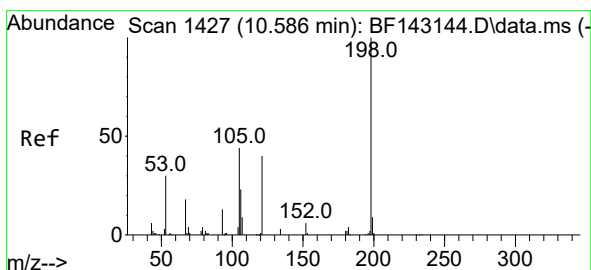
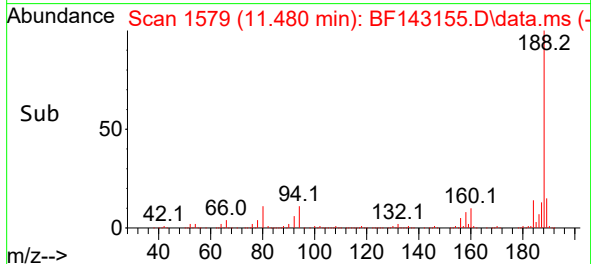
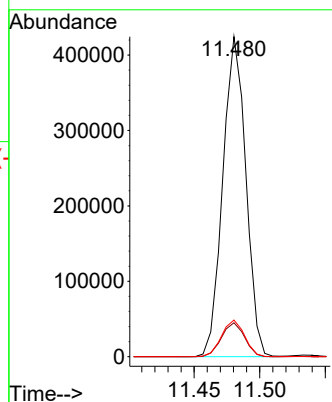
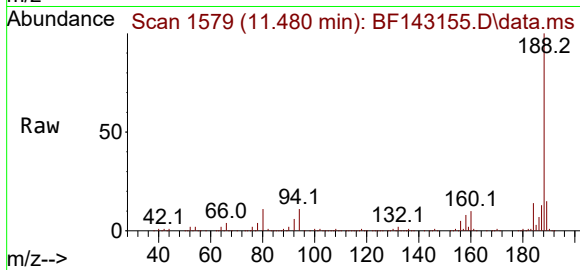
Tgt Ion:188 Resp: 518578

Ion Ratio Lower Upper

188 100

94 10.6 8.3 12.5

80 11.4 9.0 13.6



#65

4,6-Dinitro-2-methylphenol

Concen: 5.642 ng

RT: 10.780 min Scan# 1460

Delta R.T. 0.194 min

Lab File: BF143155.D

Acq: 17 Jul 2025 18:37

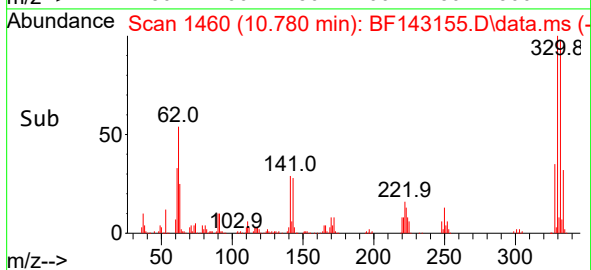
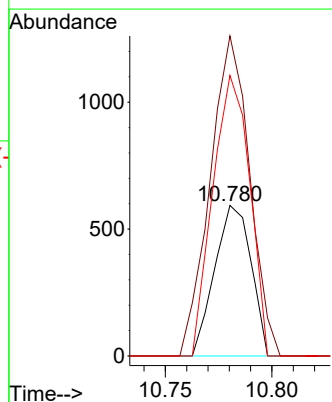
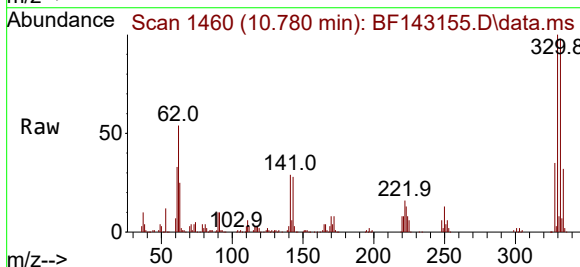
Tgt Ion:198 Resp: 702

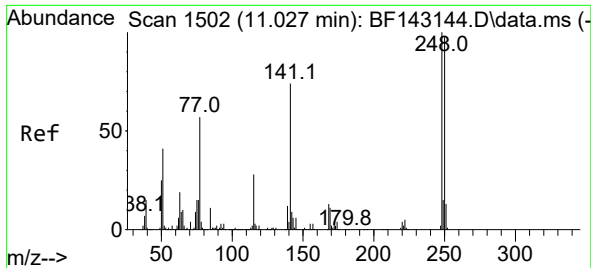
Ion Ratio Lower Upper

198 100

51 212.6 37.2 77.2#

105 186.3 24.8 64.8#

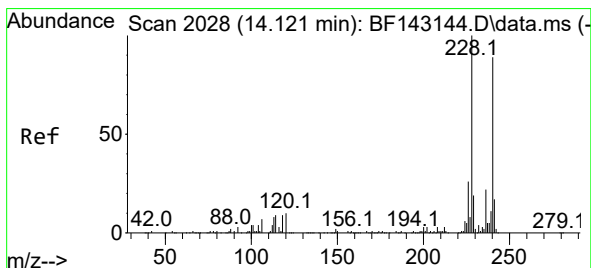
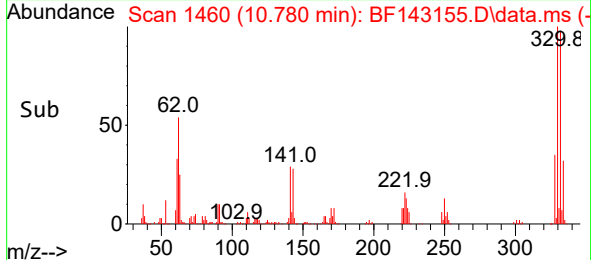
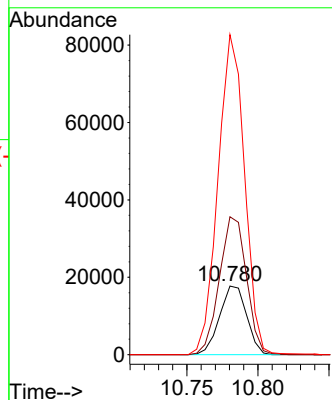
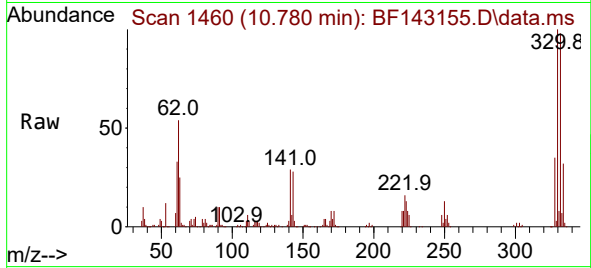




#67
4-Bromophenyl-phenylether
Concen: 3.809 ng
RT: 10.780 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF143155.D
Acq: 17 Jul 2025 18:37

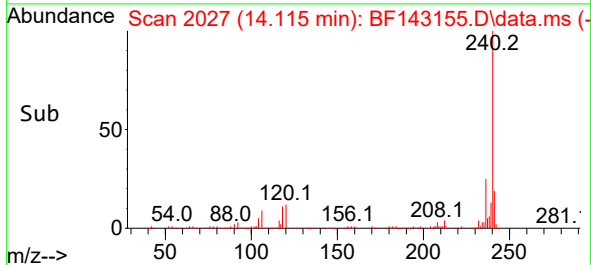
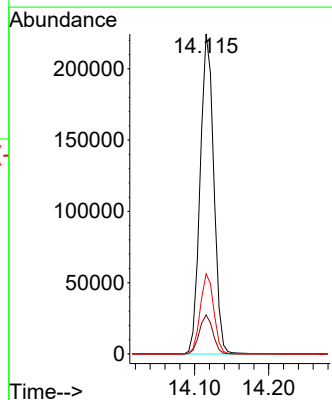
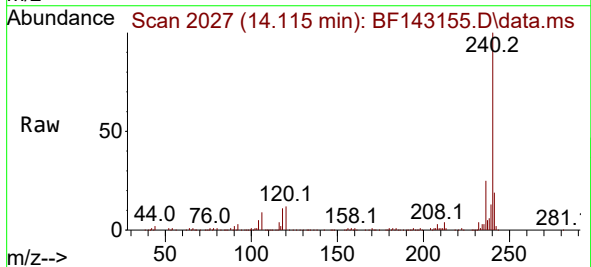
Instrument :
BNA_F
ClientSampleId :
PB167904BL

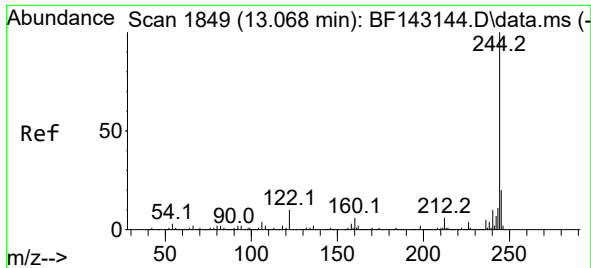
Tgt Ion:248 Resp: 23539
Ion Ratio Lower Upper
248 100
250 200.7 78.3 117.5#
141 465.8 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143155.D
Acq: 17 Jul 2025 18:37

Tgt Ion:240 Resp: 286221
Ion Ratio Lower Upper
240 100
120 12.2 9.4 14.2
236 25.0 20.2 30.4

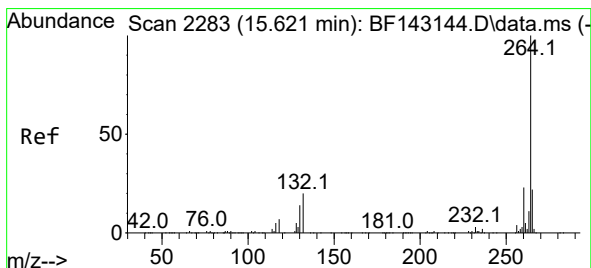
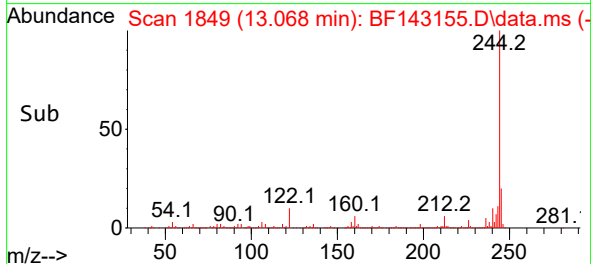
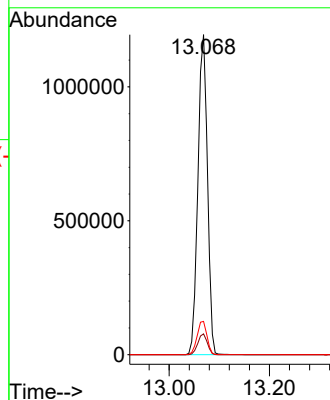
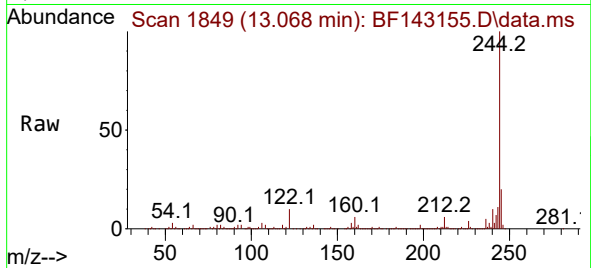




#79
 Terphenyl-d14
 Concen: 81.577 ng
 RT: 13.068 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF143155.D
 Acq: 17 Jul 2025 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PB167904BL

Tgt Ion:244 Resp: 1569049
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 10.4 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2283
 Delta R.T. -0.000 min
 Lab File: BF143155.D
 Acq: 17 Jul 2025 18:37

Tgt Ion:264 Resp: 276781
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.6 17.4 26.2

