

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
 Data File : BF143738.D
 Acq On : 12 Sep 2025 17:39
 Operator : RC/JU
 Sample : Q3072-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30-GARFIELD-PL-COMP

Quant Time: Sep 12 18:00:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

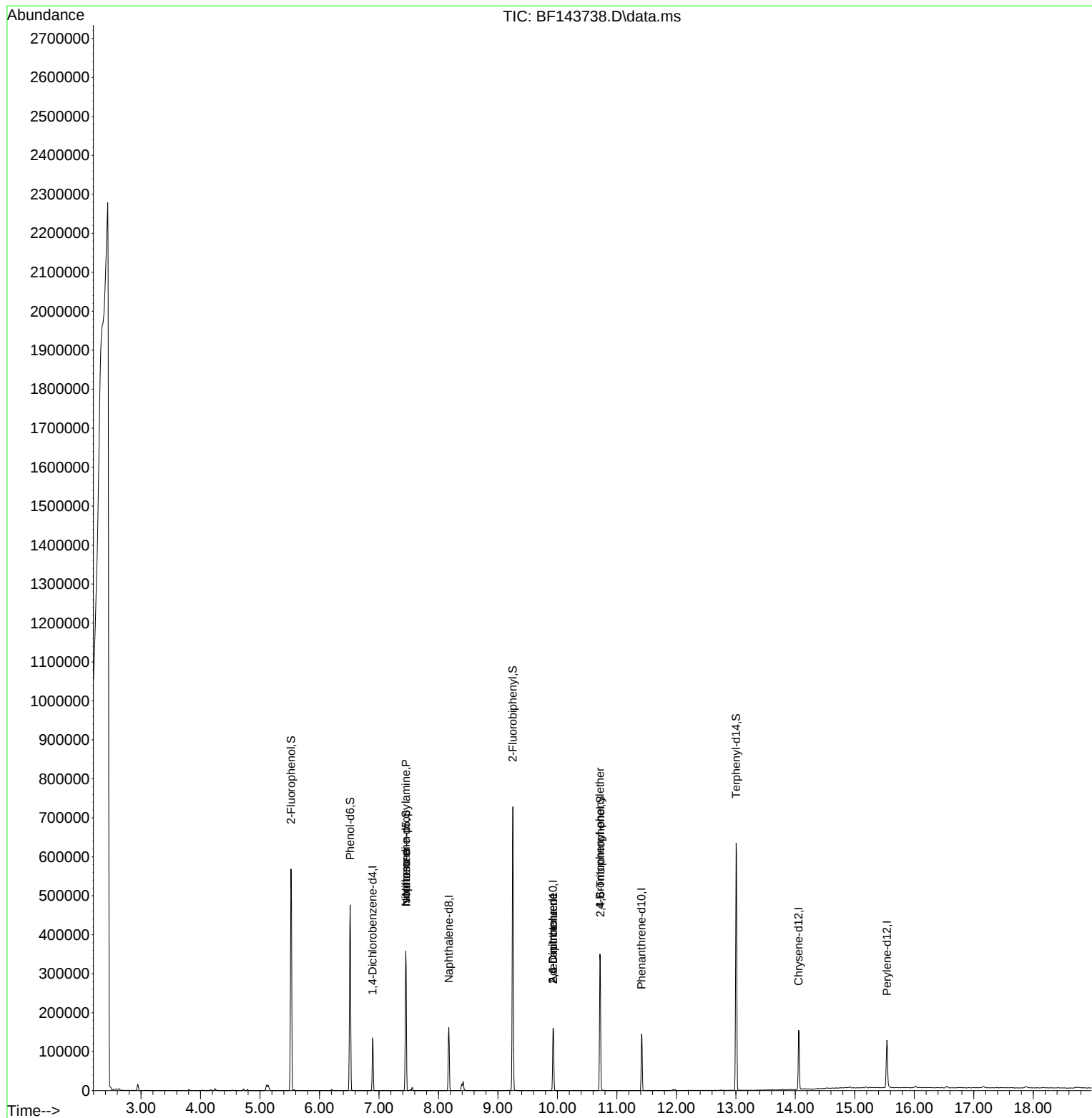
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	30964	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	104557	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	52232	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	79249	20.000	ng	0.00
76) Chrysene-d12	14.057	240	76046	20.000	ng	0.01
86) Perylene-d12	15.539	264	74001	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	228029	125.646	ng	0.02
7) Phenol-d6	6.516	99	246858	111.712	ng	0.01
23) Nitrobenzene-d5	7.451	82	162998	96.967	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	66423	126.188	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	340389	98.445	ng	0.00
79) Terphenyl-d14	13.004	244	325628	69.391	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	21044	15.506	ng	# 79
25) Isophorone	7.451	82	162937	50.549	ng	# 64
51) 2,6-Dinitrotoluene	9.927	165	6637	10.215	ng	# 27
57) 2,4-Dinitrotoluene	9.927	165	6637	7.505	ng	# 27
67) 4-Bromophenyl-phenylether	10.716	248	4192	4.386	ng	# 1

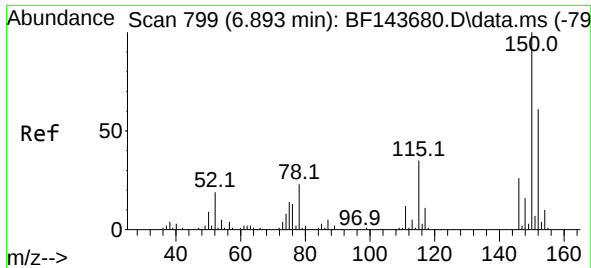
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
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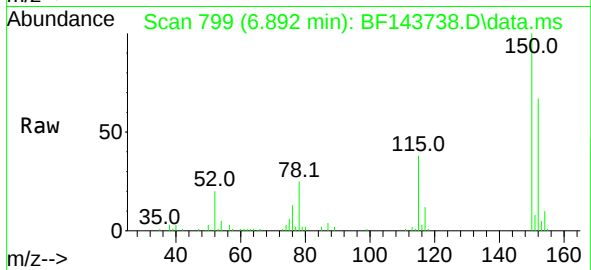
Quant Time: Sep 12 18:00:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



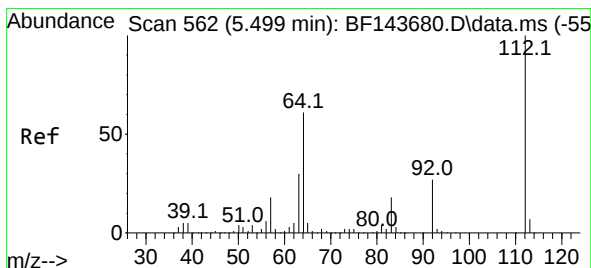
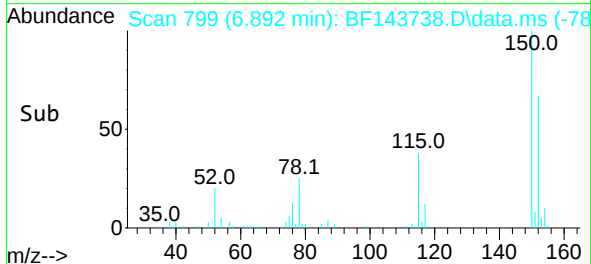
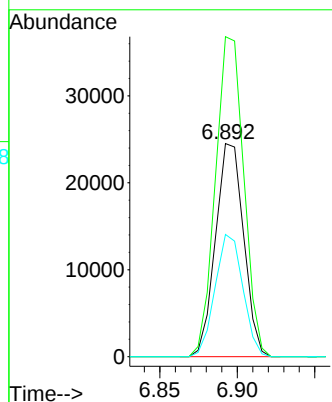


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. -0.001 min
 Lab File: BF143738.D
 Acq: 12 Sep 2025 17:39

Instrument :
 BNA_F
 ClientSampleId :
 30-GARFIELD-PL-COMP

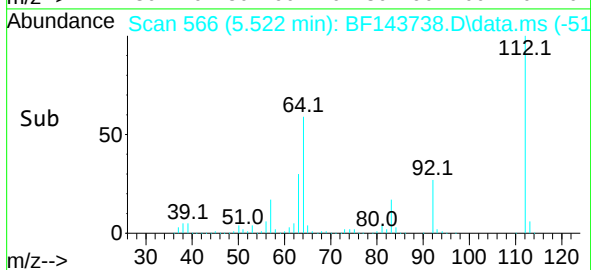
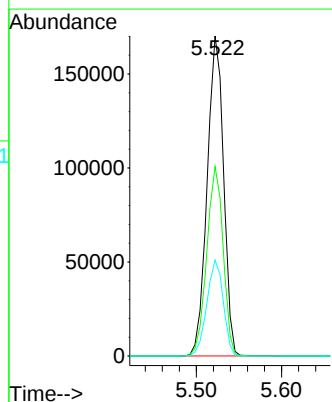
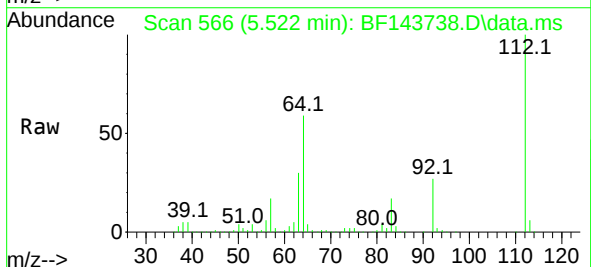


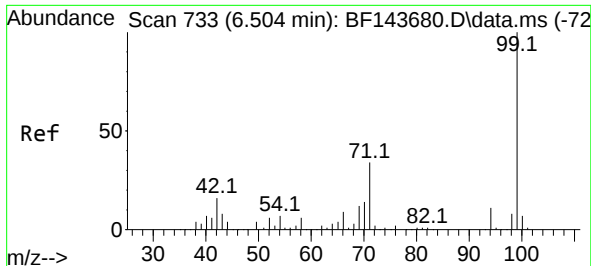
Tgt Ion:152 Resp: 30964
 Ion Ratio Lower Upper
 152 100
 150 150.1 130.7 196.1
 115 57.4 45.9 68.9



#5
 2-Fluorophenol
 Concen: 125.646 ng
 RT: 5.522 min Scan# 566
 Delta R.T. 0.023 min
 Lab File: BF143738.D
 Acq: 12 Sep 2025 17:39

Tgt Ion:112 Resp: 228029
 Ion Ratio Lower Upper
 112 100
 64 59.2 49.0 73.4
 63 29.9 24.3 36.5

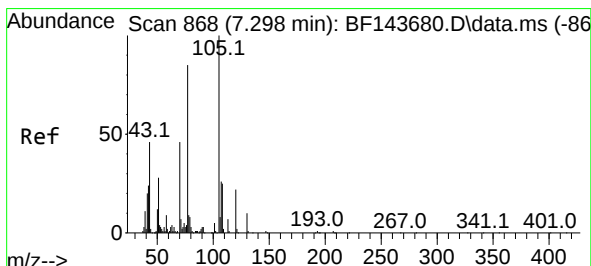
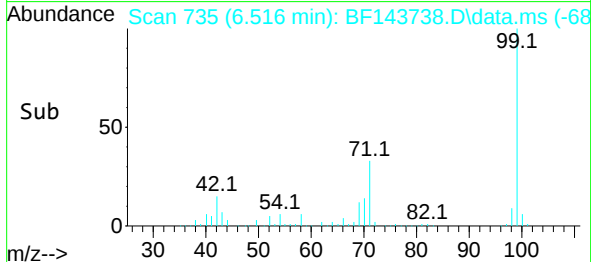
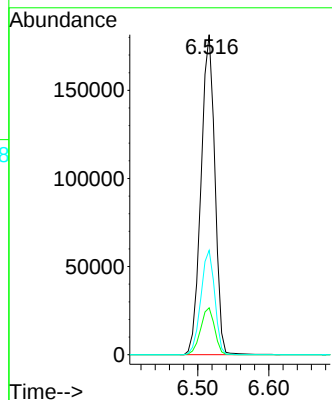
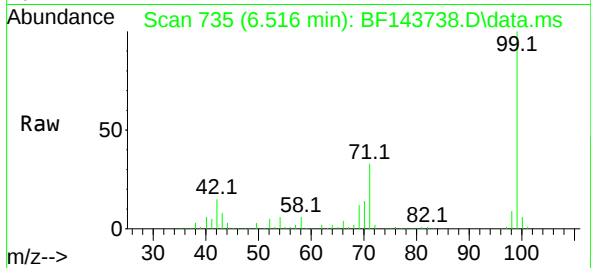




#7
Phenol-d6
Concen: 111.712 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF143738.D
Acq: 12 Sep 2025 17:39

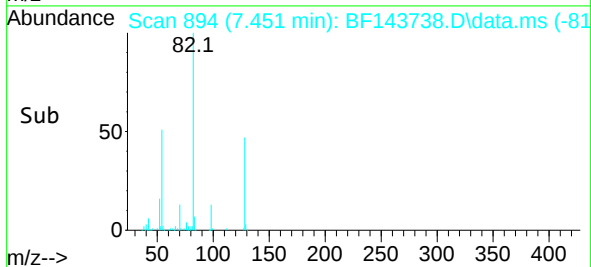
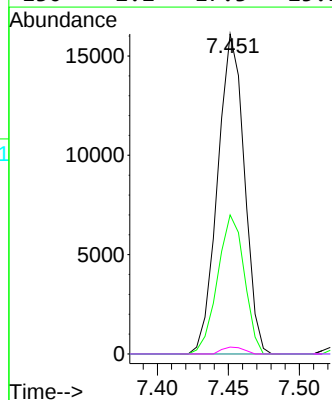
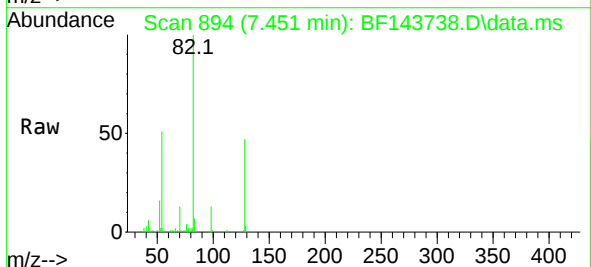
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMP

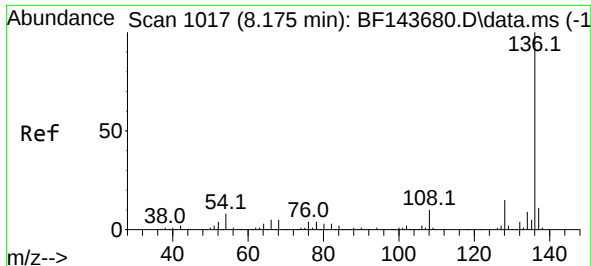
Tgt Ion: 99 Resp: 246858
Ion Ratio Lower Upper
99 100
42 14.6 13.0 19.4
71 32.6 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.506 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.153 min
Lab File: BF143738.D
Acq: 12 Sep 2025 17:39

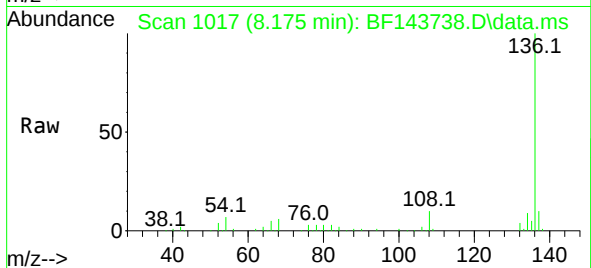
Tgt Ion: 70 Resp: 21044
Ion Ratio Lower Upper
70 100
42 43.5 41.4 62.2
101 0.0 8.1 12.1#
130 2.2 17.3 25.9#



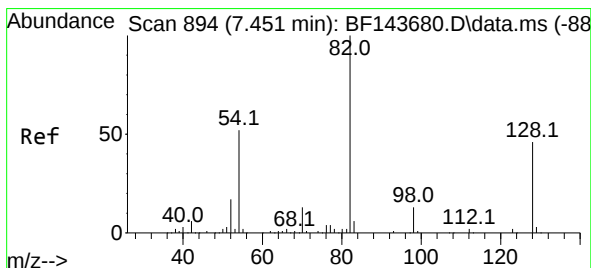
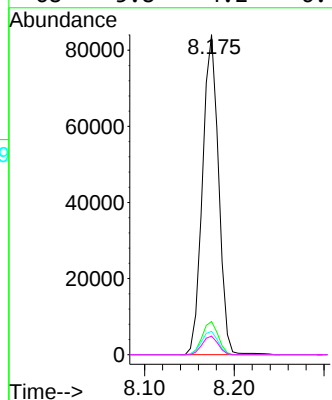


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143738.D
Acq: 12 Sep 2025 17:39

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMP

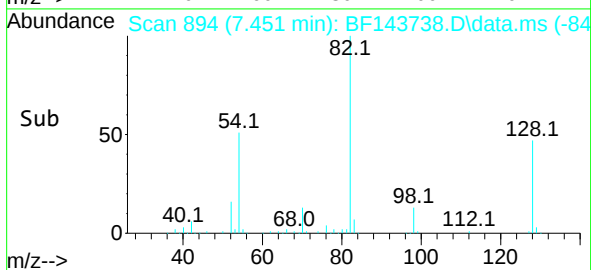
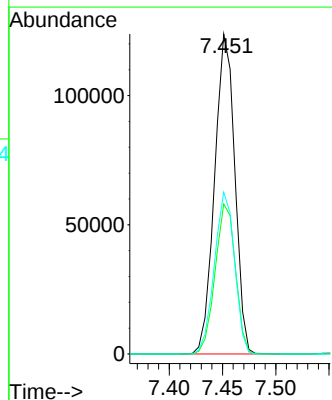
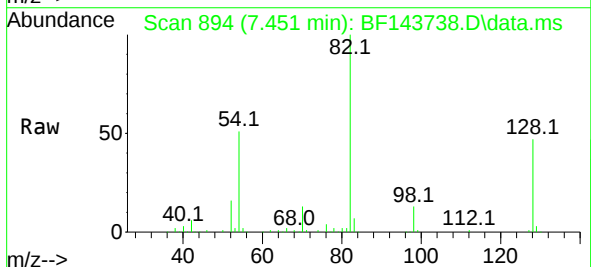


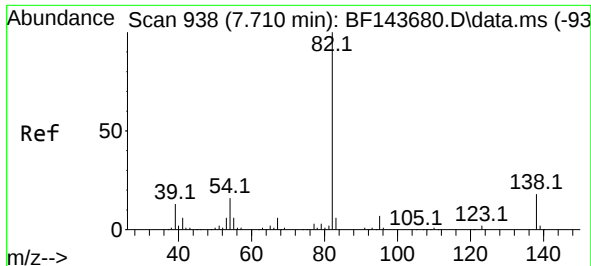
Tgt Ion:	136	Resp:	104557
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.7	13.1
54	7.3	6.2	9.2
68	5.8	4.2	6.4



#23
Nitrobenzene-d5
Concen: 96.967 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF143738.D
Acq: 12 Sep 2025 17:39

Tgt Ion:	82	Resp:	162998
Ion Ratio	Lower	Upper	
82	100		
128	46.8	37.0	55.4
54	50.5	41.8	62.8

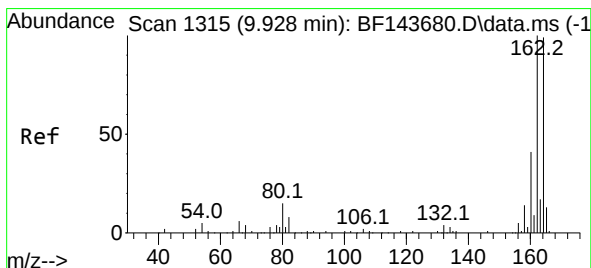
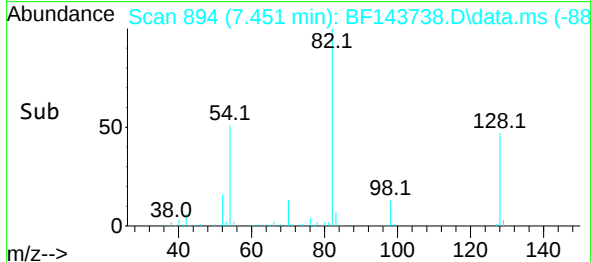
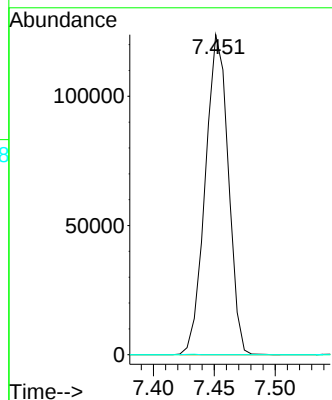
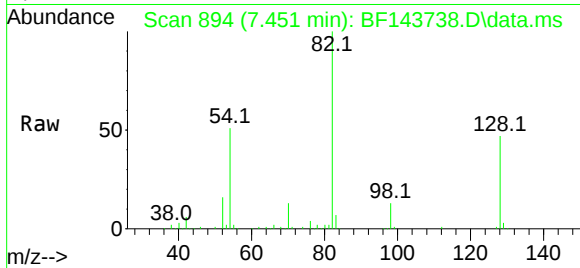




#25
Isophorone
Concen: 50.549 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.259 min
Lab File: BF143738.D
Acq: 12 Sep 2025 17:39

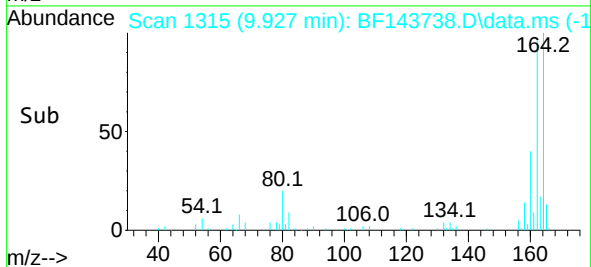
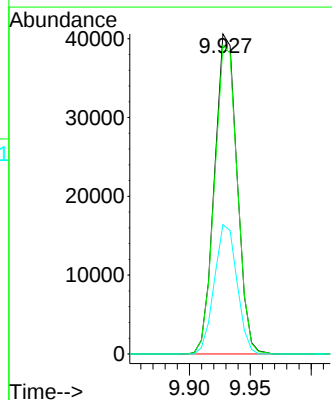
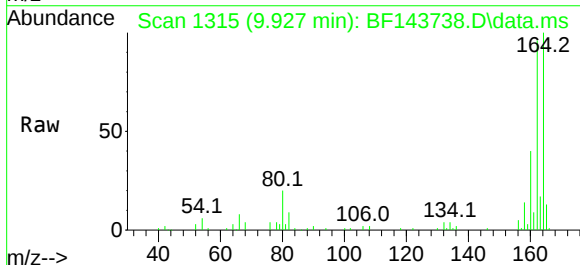
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMP

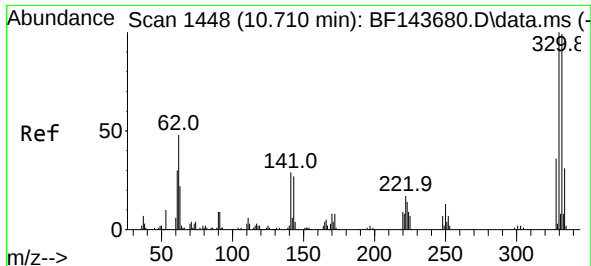
Tgt Ion: 82 Resp: 162937
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.8 22.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF143738.D
Acq: 12 Sep 2025 17:39

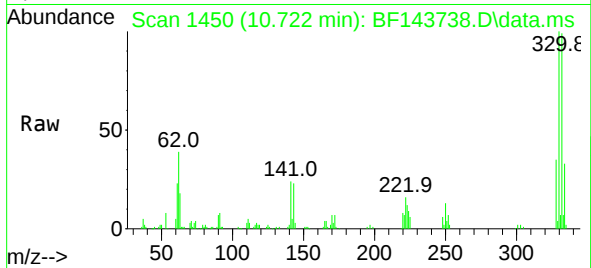
Tgt Ion: 164 Resp: 52232
Ion Ratio Lower Upper
164 100
162 96.4 80.6 121.0
160 40.5 33.0 49.4



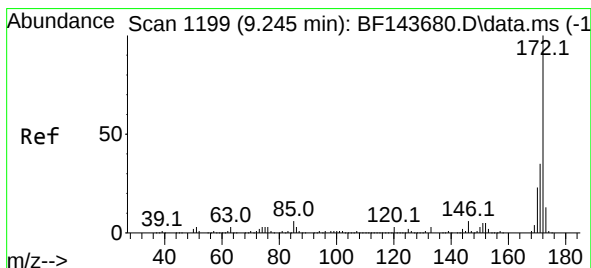
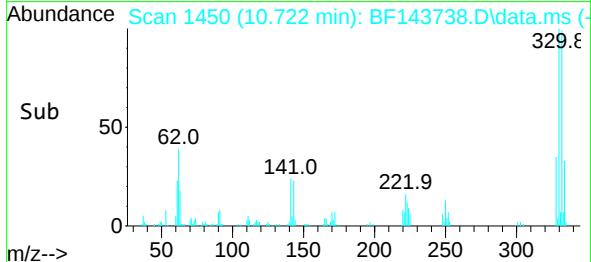
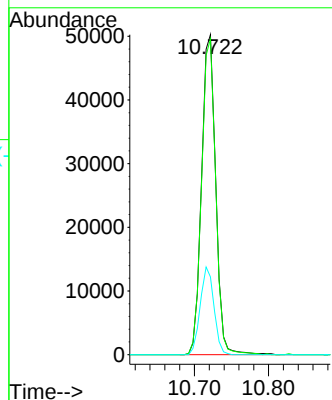


#42
2,4,6-Tribromophenol
Concen: 126.188 ng
RT: 10.722 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BF143738.D
Acq: 12 Sep 2025 17:39

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMP

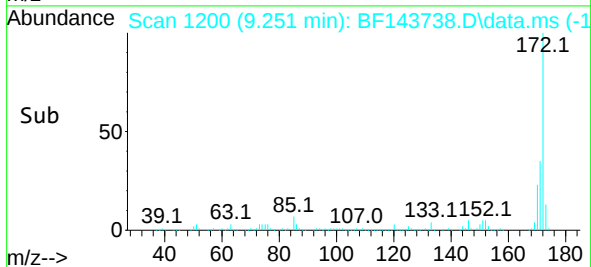
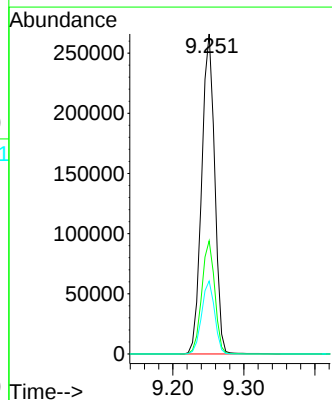
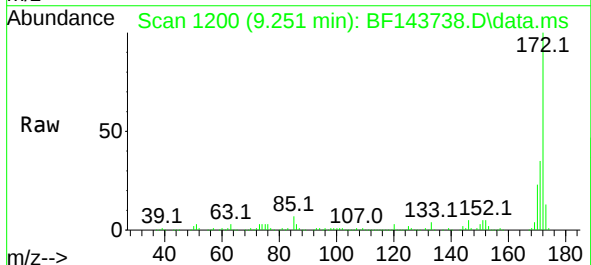


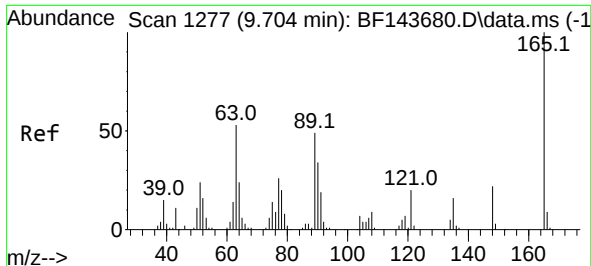
Tgt Ion: 330 Resp: 66423
Ion Ratio Lower Upper
330 100
332 98.3 79.2 118.8
141 26.5 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 98.445 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143738.D
Acq: 12 Sep 2025 17:39

Tgt Ion: 172 Resp: 340389
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 22.8 18.6 27.8

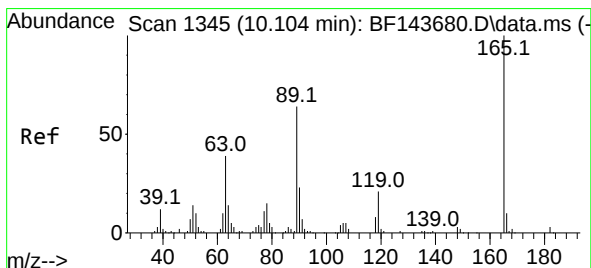
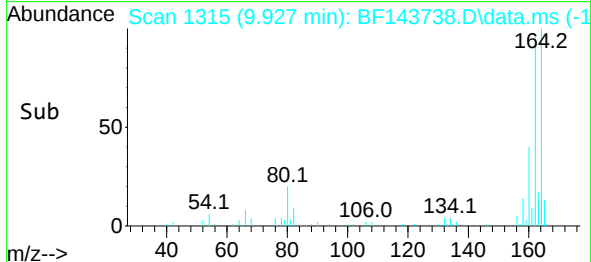
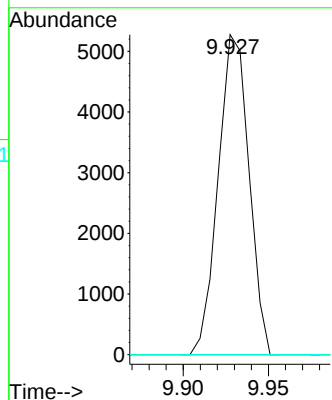
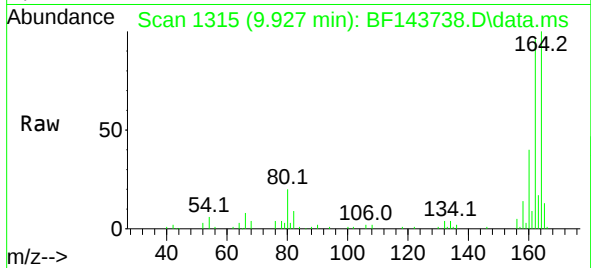




#51
2,6-Dinitrotoluene
Concen: 10.215 ng
RT: 9.927 min Scan# 1315
Delta R.T. 0.223 min
Lab File: BF143738.D
Acq: 12 Sep 2025 17:39

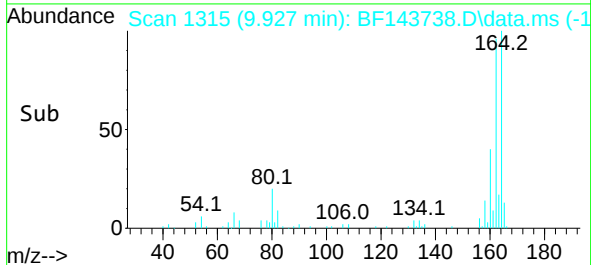
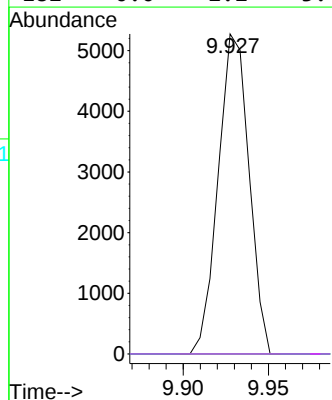
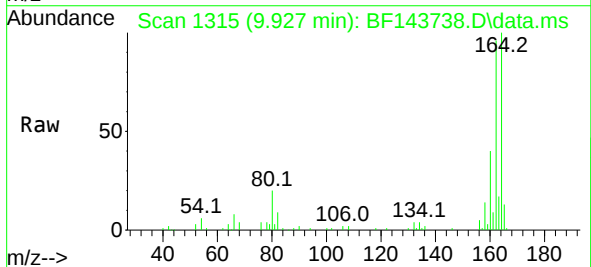
Instrument :
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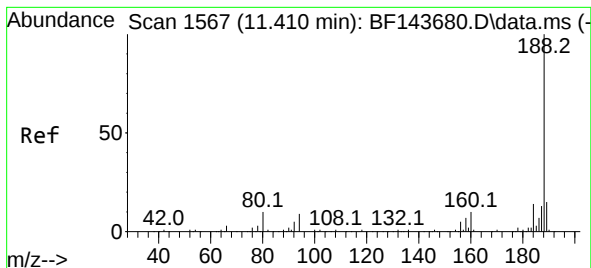
Tgt Ion:165 Resp: 6637
Ion Ratio Lower Upper
165 100
63 0.0 42.2 63.4#
89 0.0 39.3 58.9#



#57
2,4-Dinitrotoluene
Concen: 7.505 ng
RT: 9.927 min Scan# 1315
Delta R.T. -0.177 min
Lab File: BF143738.D
Acq: 12 Sep 2025 17:39

Tgt Ion:165 Resp: 6637
Ion Ratio Lower Upper
165 100
63 0.0 31.5 47.3#
89 0.0 51.3 76.9#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143738.D

Acq: 12 Sep 2025 17:39

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMP

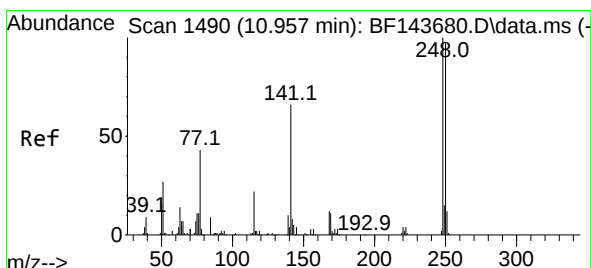
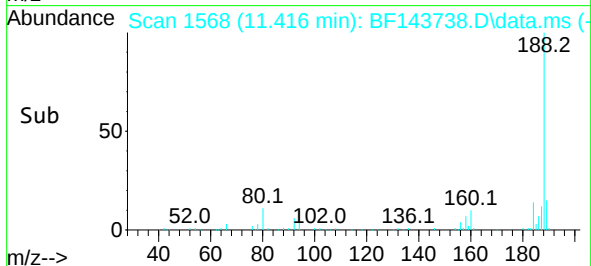
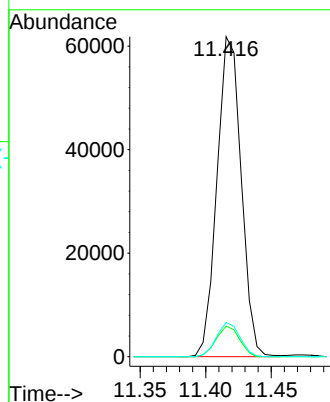
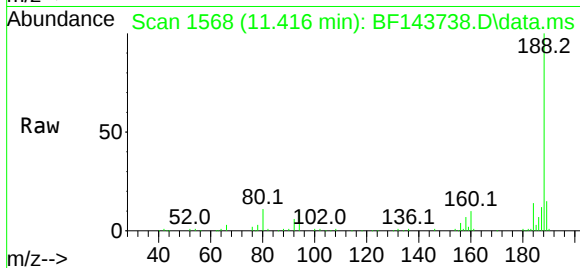
Tgt Ion:188 Resp: 79249

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.0

80 10.7 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.386 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.241 min

Lab File: BF143738.D

Acq: 12 Sep 2025 17:39

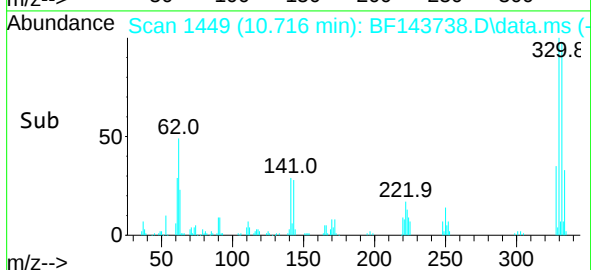
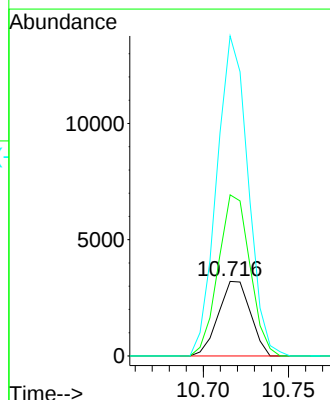
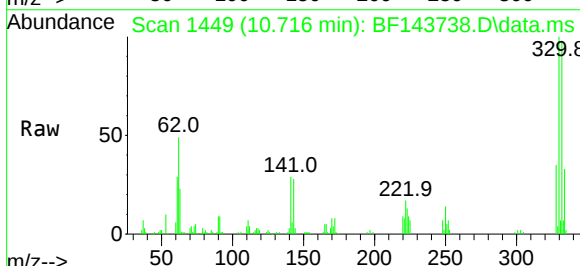
Tgt Ion:248 Resp: 4192

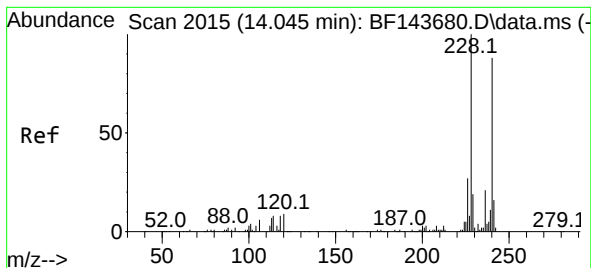
Ion Ratio Lower Upper

248 100

250 215.8 77.5 116.3#

141 428.8 52.6 79.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF143738.D

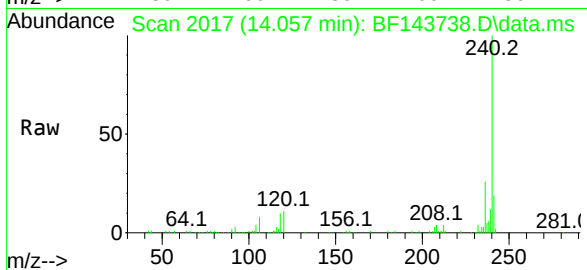
Acq: 12 Sep 2025 17:39

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMP



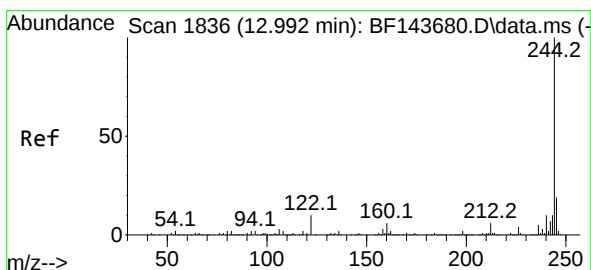
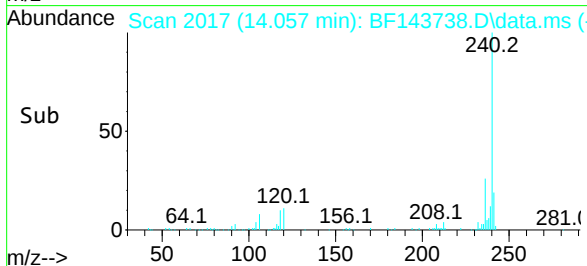
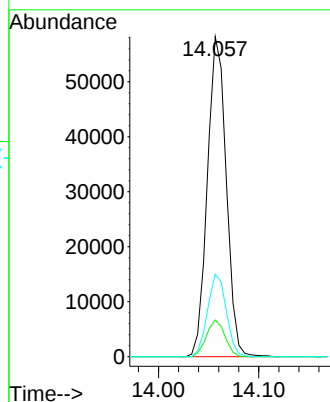
Tgt Ion:240 Resp: 76046

Ion Ratio Lower Upper

240 100

120 11.5 8.4 12.6

236 25.8 18.6 28.0



#79

Terphenyl-d14

Concen: 69.391 ng

RT: 13.004 min Scan# 1838

Delta R.T. 0.012 min

Lab File: BF143738.D

Acq: 12 Sep 2025 17:39

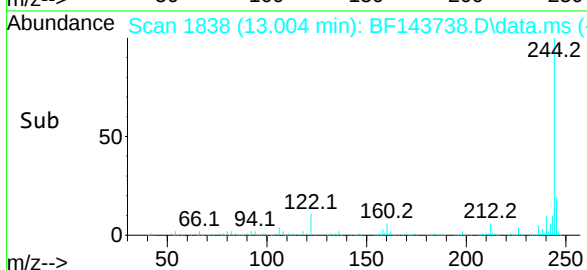
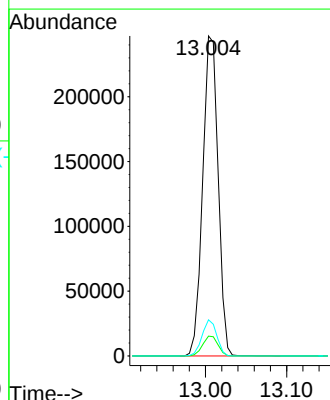
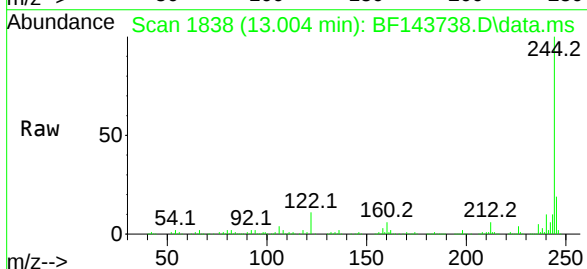
Tgt Ion:244 Resp: 325628

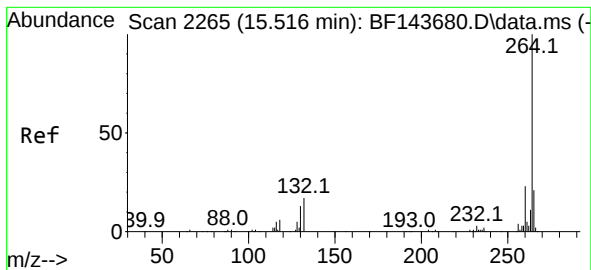
Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.6

122 11.3 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF143738.D

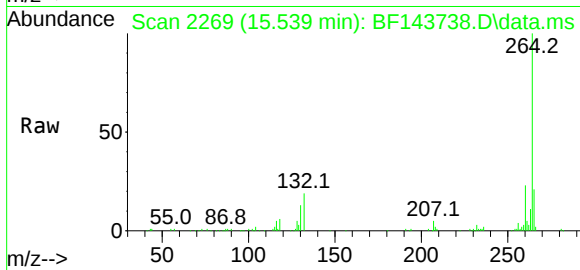
Acq: 12 Sep 2025 17:39

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMP



Tgt Ion:264 Resp: 74001

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 20.9 17.1 25.7

