

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072925\
 Data File : BF143263.D
 Acq On : 29 Jul 2025 18:39
 Operator : RC/JU
 Sample : Q2709-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7211935-295

Quant Time: Jul 29 19:05:00 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)

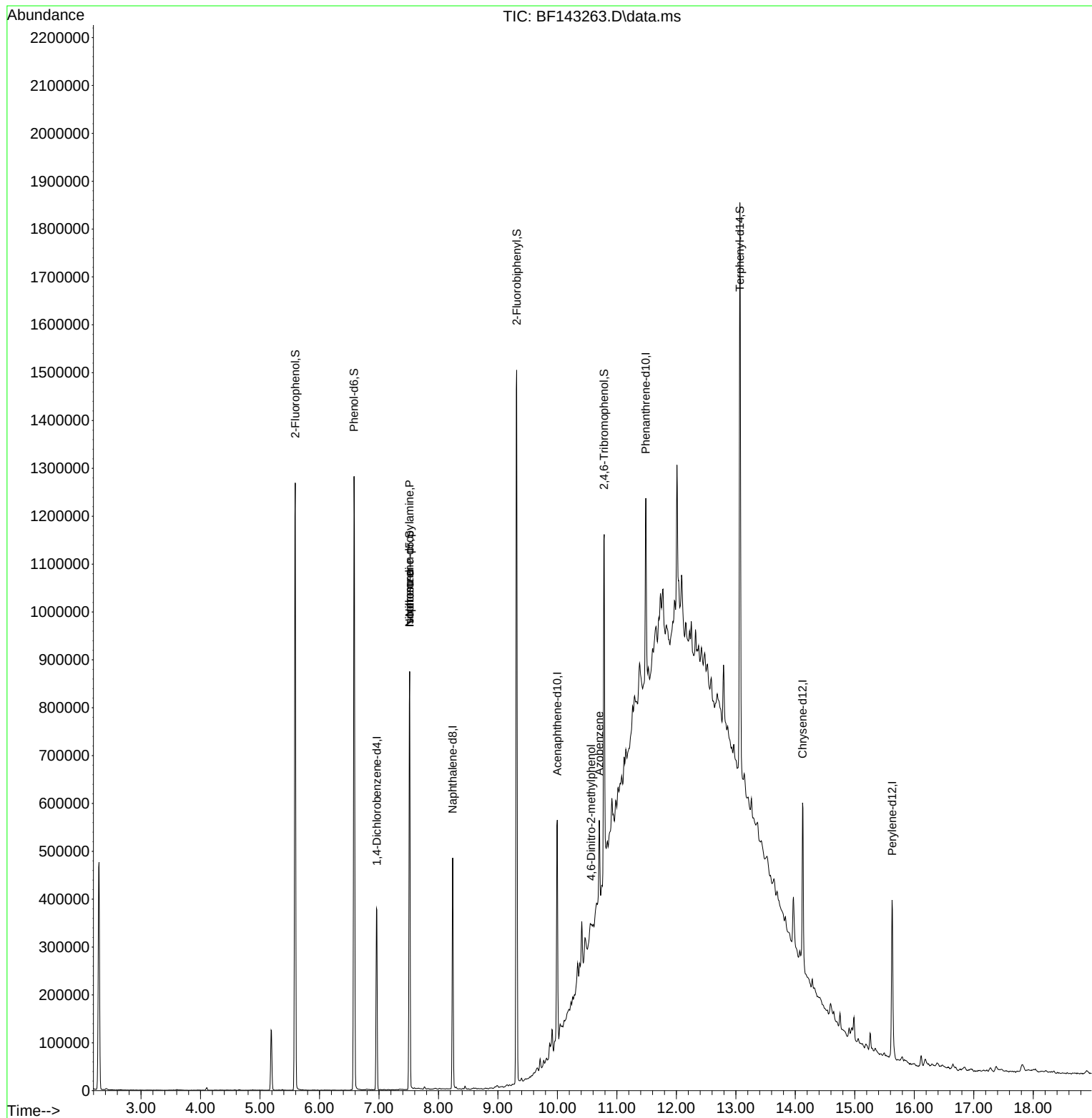
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	80078	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	289585	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	134624	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	197648	20.000	ng	0.00
76) Chrysene-d12	14.122	240	170470	20.000	ng	0.00
86) Perylene-d12	15.627	264	196296	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	455105	89.936	ng	0.00
7) Phenol-d6	6.581	99	578107	90.764	ng	0.00
23) Nitrobenzene-d5	7.516	82	373681	64.323	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	135582	97.489	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	663326	67.386	ng	0.00
79) Terphenyl-d14	13.069	244	579884	50.621	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.516	70	50615	12.386	ng	Qvalue # 78
25) Isophorone	7.516	82	370228	36.100	ng	# 66
63) Azobenzene	10.704	77	42235	4.672	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.569	198	56	5.460	ng	# 1

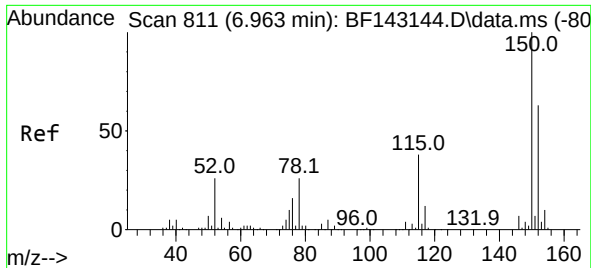
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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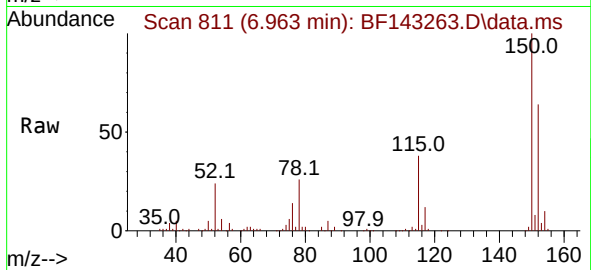
Quant Time: Jul 29 19:05:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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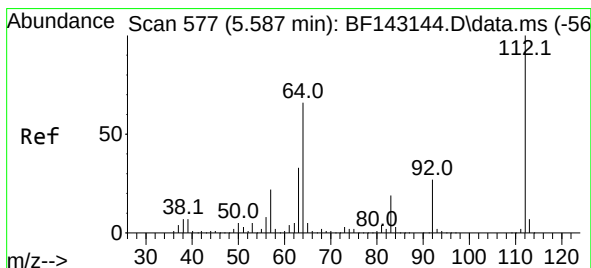
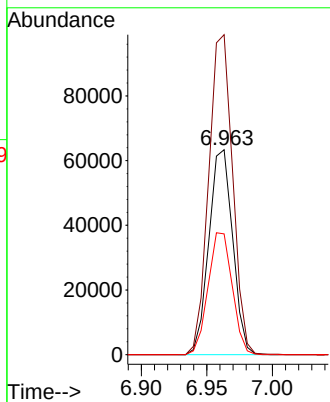
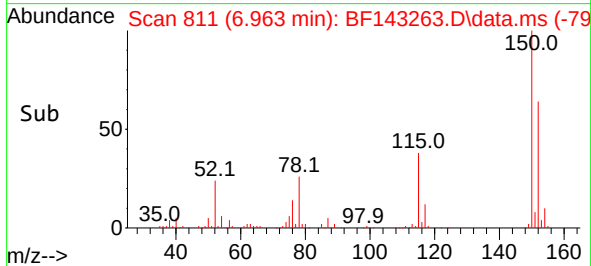


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143263.D
Acq: 29 Jul 2025 18:39

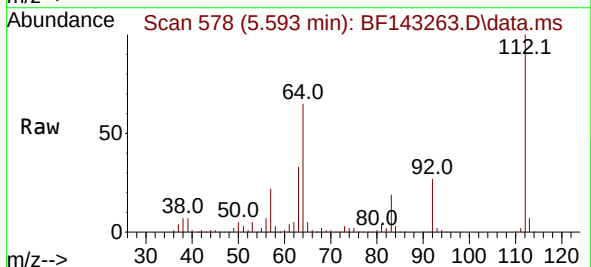
Instrument :
BNA_F
ClientSampleId :
7211935-295



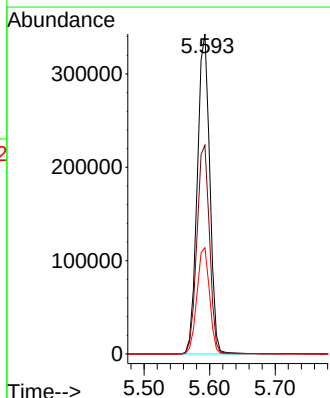
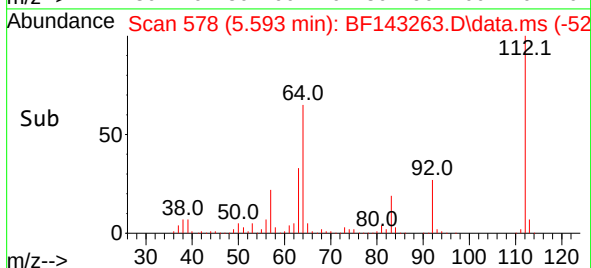
Tgt Ion:152 Resp: 80078
Ion Ratio Lower Upper
152 100
150 156.1 128.2 192.4
115 58.9 47.9 71.9

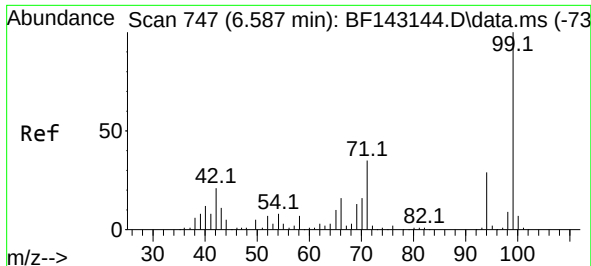


#5
2-Fluorophenol
Concen: 89.936 ng
RT: 5.593 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF143263.D
Acq: 29 Jul 2025 18:39



Tgt Ion:112 Resp: 455105
Ion Ratio Lower Upper
112 100
64 65.2 53.1 79.7
63 33.2 26.6 40.0

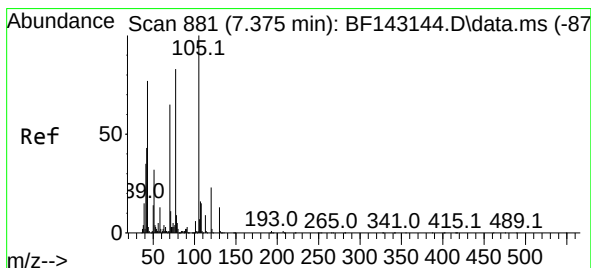
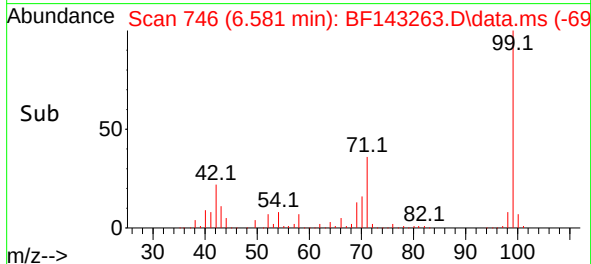
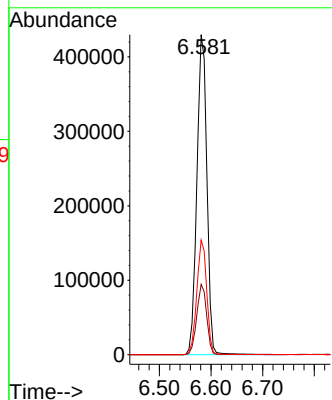
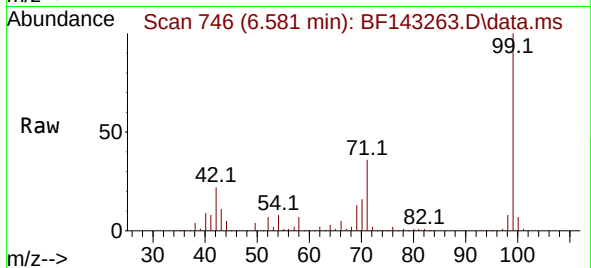




#7
Phenol-d6
Concen: 90.764 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143263.D
Acq: 29 Jul 2025 18:39

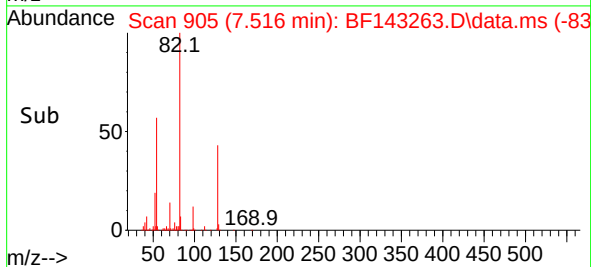
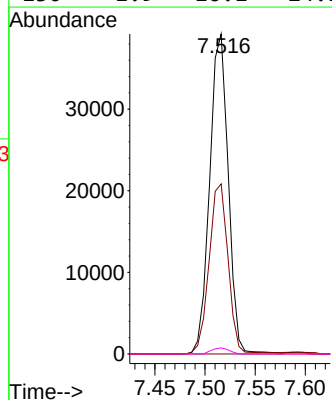
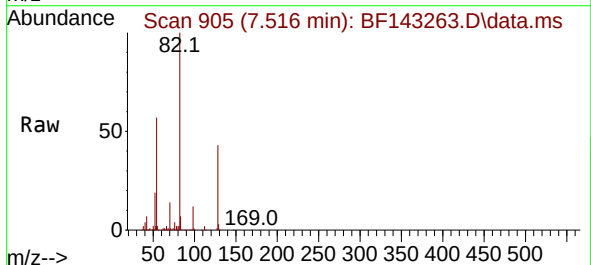
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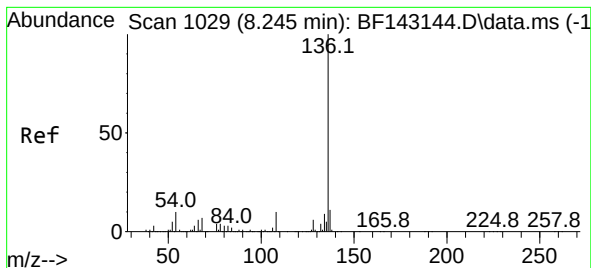
Tgt Ion: 99 Resp: 578107
Ion Ratio Lower Upper
99 100
42 22.0 17.0 25.6
71 35.8 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.386 ng
RT: 7.516 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF143263.D
Acq: 29 Jul 2025 18:39

Tgt Ion: 70 Resp: 50615
Ion Ratio Lower Upper
70 100
42 53.2 52.5 78.7
101 0.0 7.6 11.4#
130 1.9 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.240 min Scan# 1029

Delta R.T. -0.005 min

Lab File: BF143263.D

Acq: 29 Jul 2025 18:39

Instrument :

BNA_F

ClientSampleId :

7211935-295

Tgt Ion:136 Resp: 289585

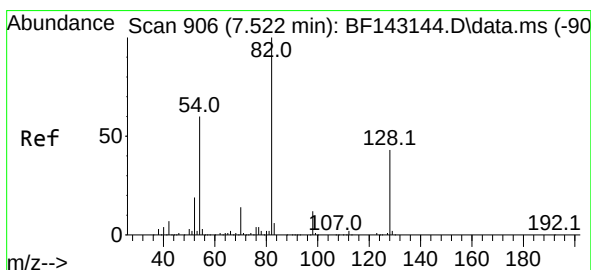
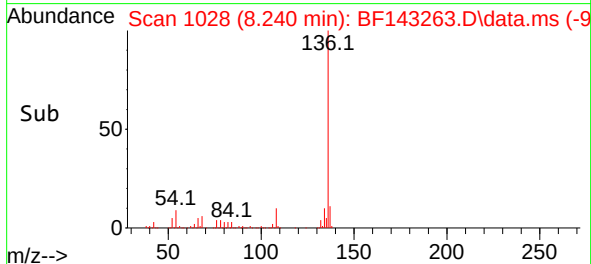
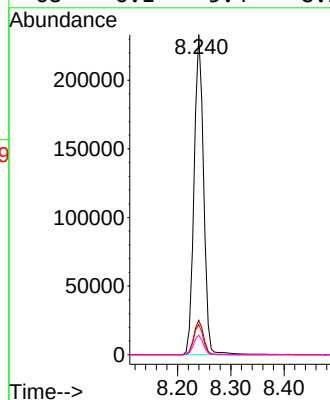
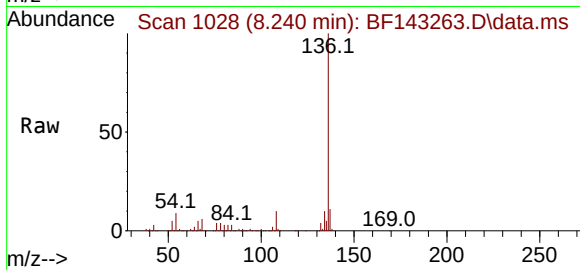
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 9.4 8.2 12.2

68 6.1 5.4 8.2



#23

Nitrobenzene-d5

Concen: 64.323 ng

RT: 7.516 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF143263.D

Acq: 29 Jul 2025 18:39

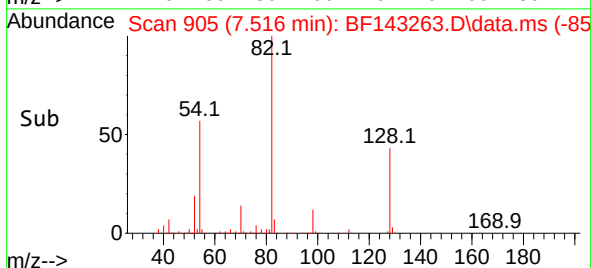
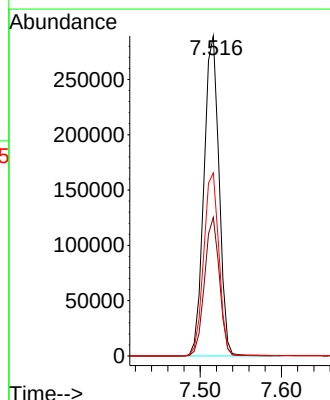
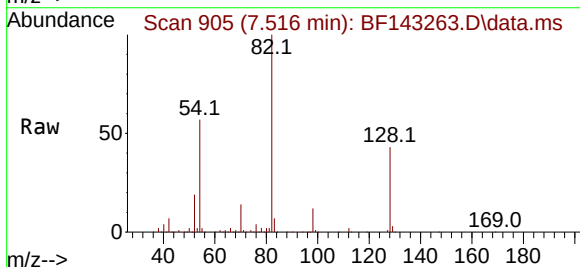
Tgt Ion: 82 Resp: 373681

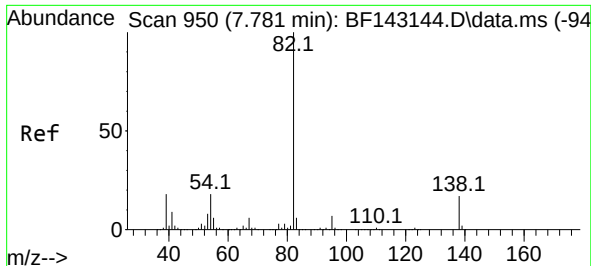
Ion Ratio Lower Upper

82 100

128 43.3 33.6 50.4

54 57.2 47.1 70.7

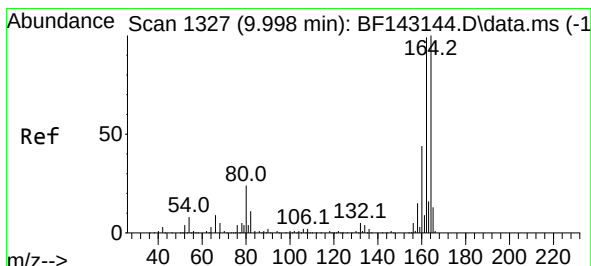
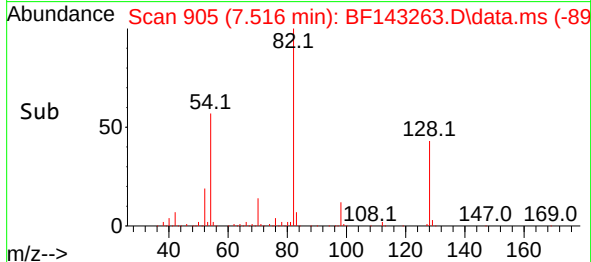
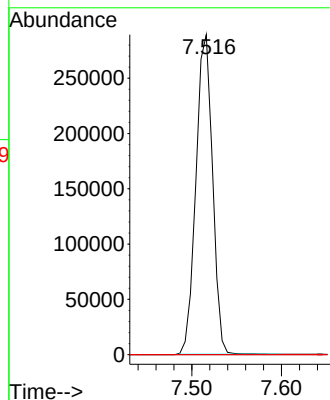
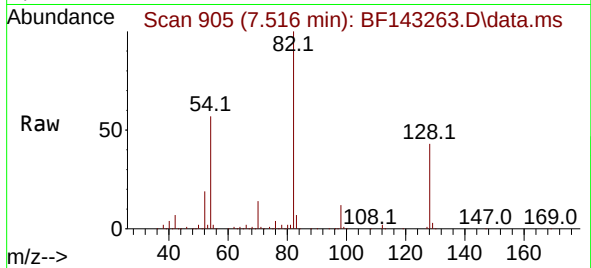




#25
Isophorone
Concen: 36.100 ng
RT: 7.516 min Scan# 905
Delta R.T. -0.264 min
Lab File: BF143263.D
Acq: 29 Jul 2025 18:39

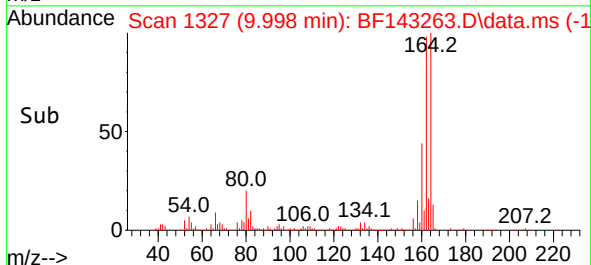
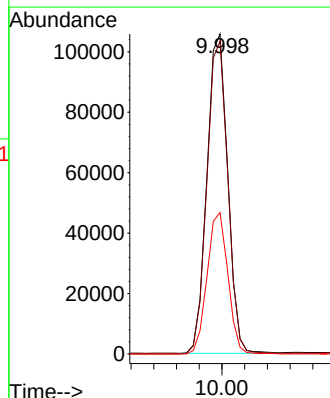
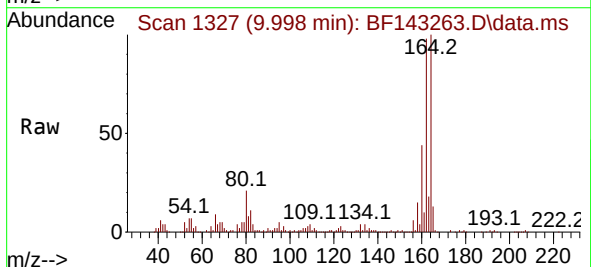
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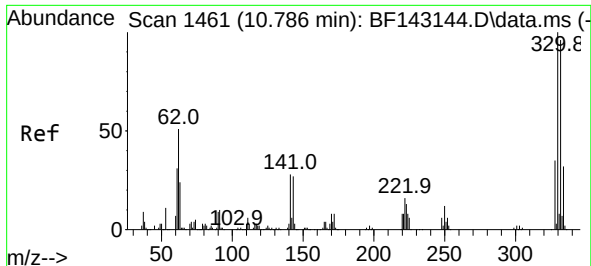
Tgt Ion: 82 Resp: 370228
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143263.D
Acq: 29 Jul 2025 18:39

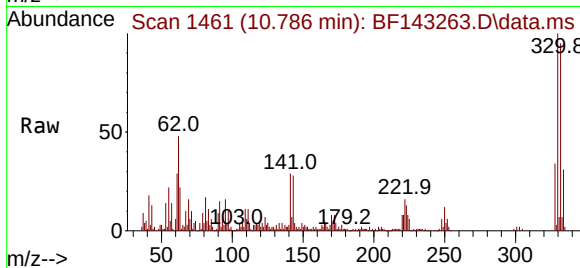
Tgt Ion:164 Resp: 134624
Ion Ratio Lower Upper
164 100
162 97.7 79.0 118.6
160 44.2 35.1 52.7



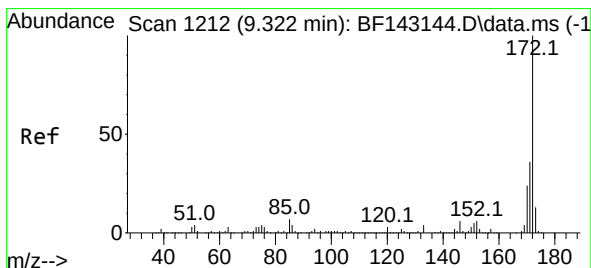
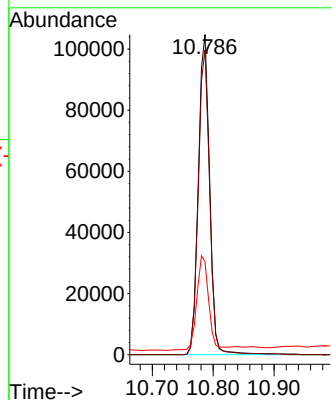
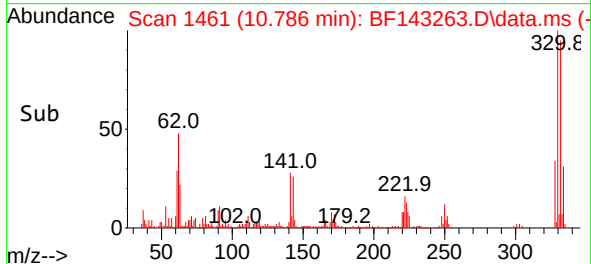


#42
 2,4,6-Tribromophenol
 Concen: 97.489 ng
 RT: 10.786 min Scan# 1461
 Delta R.T. 0.000 min
 Lab File: BF143263.D
 Acq: 29 Jul 2025 18:39

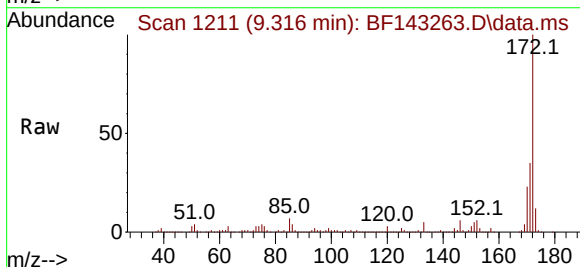
Instrument :
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 ClientSampleId :
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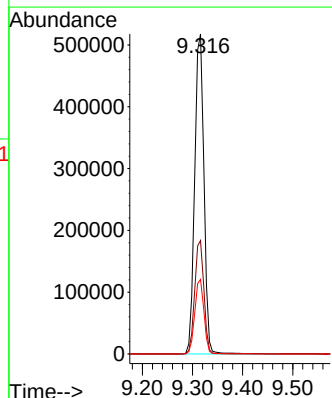
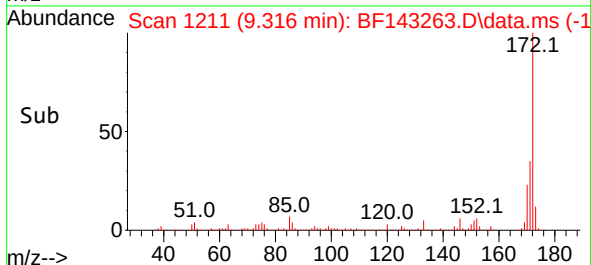
Tgt Ion: 330 Resp: 135582
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.7 115.1
 141 30.7 23.3 34.9

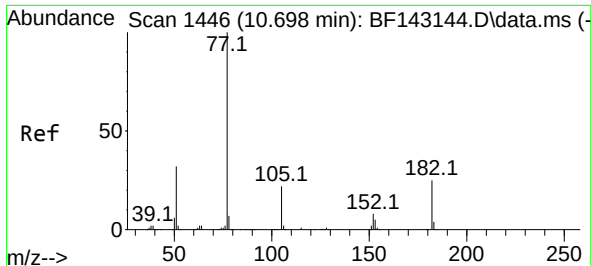


#45
 2-Fluorobiphenyl
 Concen: 67.386 ng
 RT: 9.316 min Scan# 1211
 Delta R.T. -0.006 min
 Lab File: BF143263.D
 Acq: 29 Jul 2025 18:39



Tgt Ion: 172 Resp: 663326
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.3 18.8 28.2

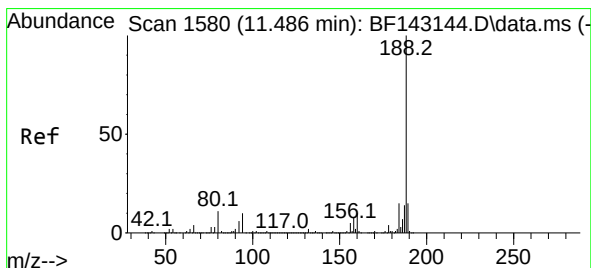
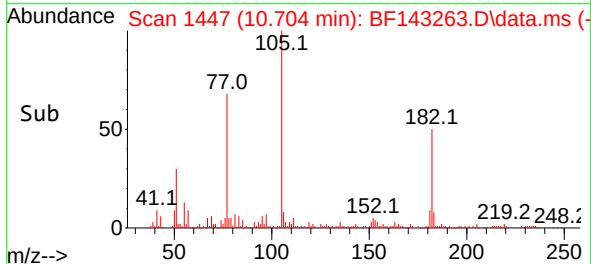
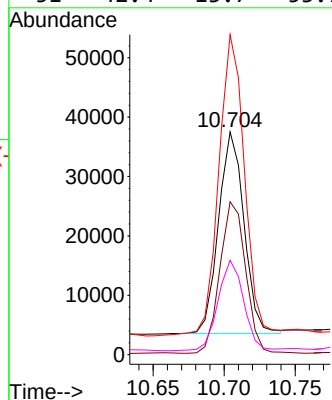
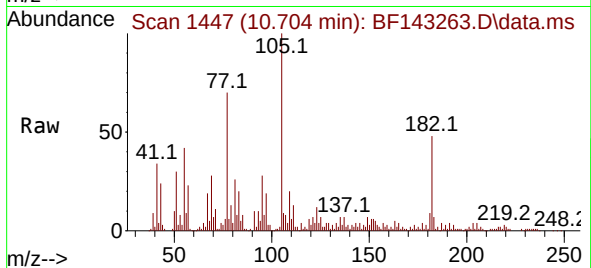




#63
Azobenzene
Concen: 4.672 ng
RT: 10.704 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF143263.D
Acq: 29 Jul 2025 18:39

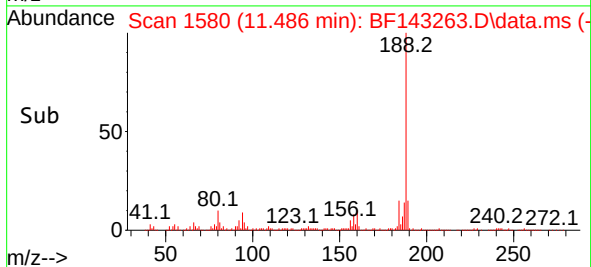
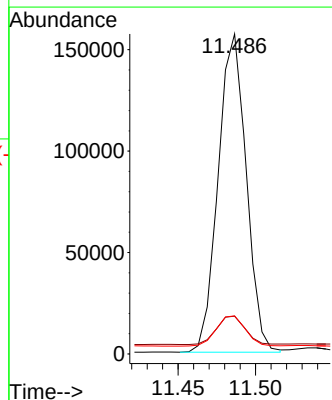
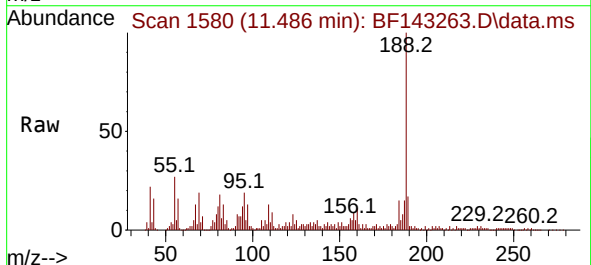
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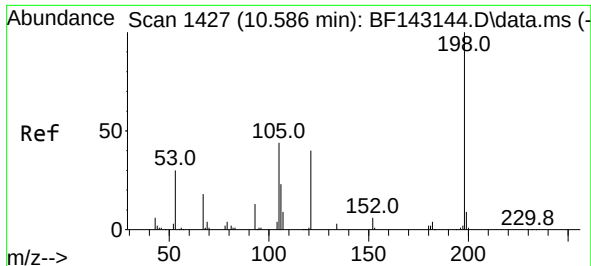
Tgt Ion: 77	Resp: 42235
Ion Ratio	Lower Upper
77	100
182	68.7 4.6 44.6#
105	143.7 1.4 41.4#
51	42.4 13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143263.D
Acq: 29 Jul 2025 18:39

Tgt Ion: 188	Resp: 197648
Ion Ratio	Lower Upper
188	100
94	11.8 8.3 12.5
80	11.9 9.0 13.6

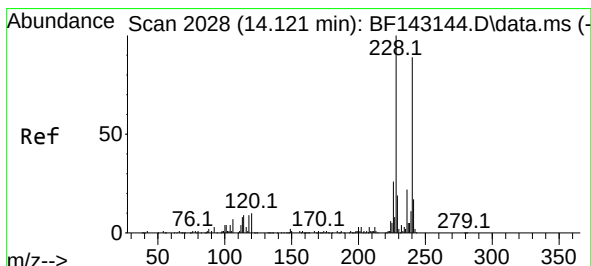
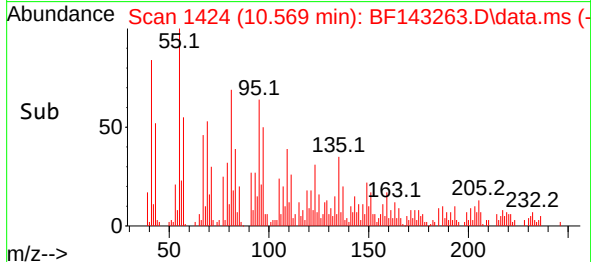
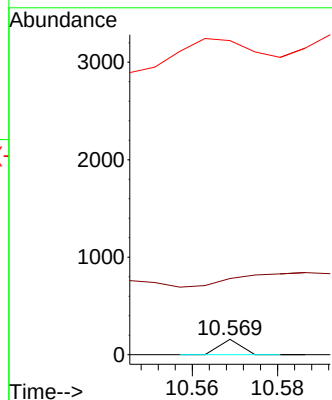
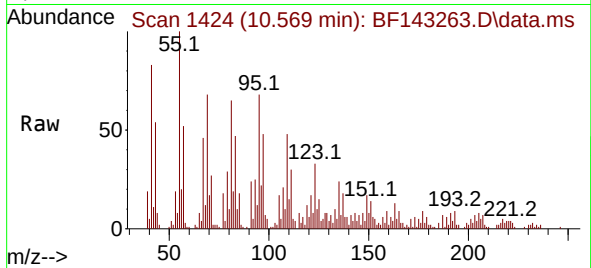




#65
4,6-Dinitro-2-methylphenol
Concen: 5.460 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.017 min
Lab File: BF143263.D
Acq: 29 Jul 2025 18:39

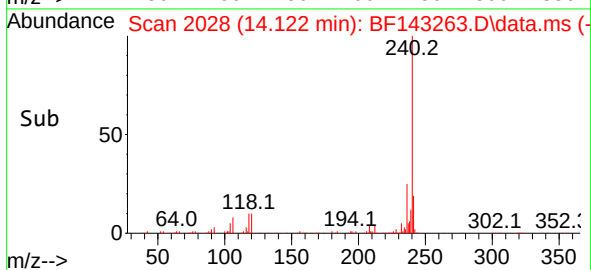
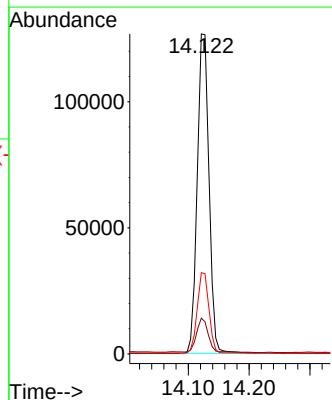
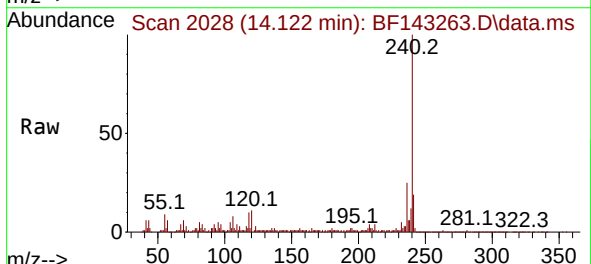
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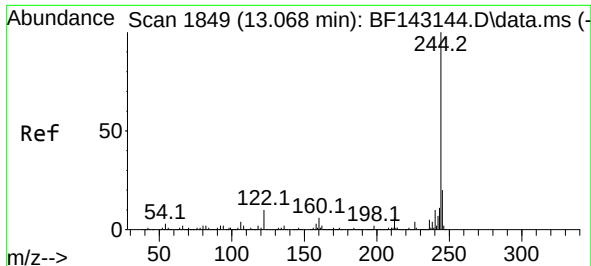
Tgt Ion:198 Resp: 56
Ion Ratio Lower Upper
198 100
51 494.3 37.2 77.2#
105 2039.9 24.8 64.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.122 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143263.D
Acq: 29 Jul 2025 18:39

Tgt Ion:240 Resp: 170470
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 25.4 20.2 30.4

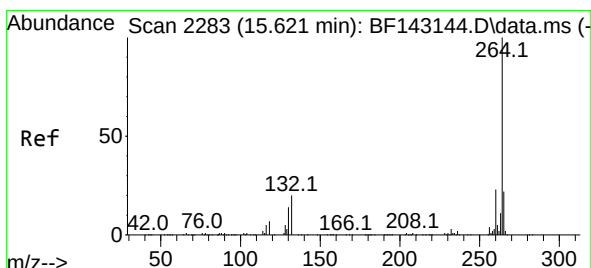
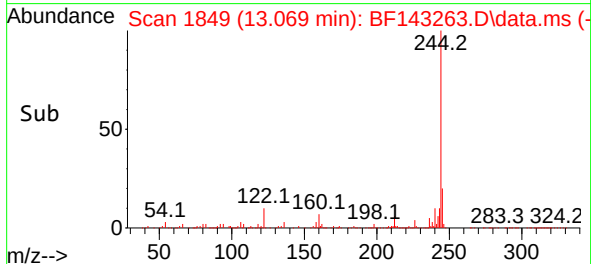
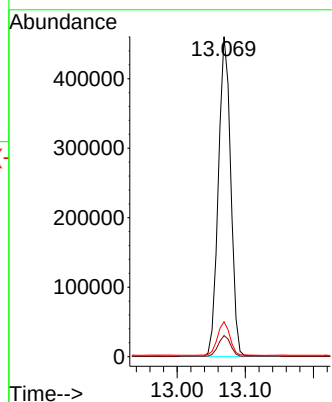
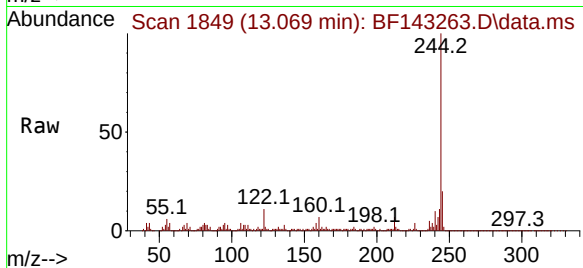




#79
 Terphenyl-d14
 Concen: 50.621 ng
 RT: 13.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143263.D
 Acq: 29 Jul 2025 18:39

Instrument :
 BNA_F
 ClientSampleId :
 7211935-295

Tgt Ion:244 Resp: 579884
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.9 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2284
 Delta R.T. 0.006 min
 Lab File: BF143263.D
 Acq: 29 Jul 2025 18:39

Tgt Ion:264 Resp: 196296
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 22.0 17.4 26.2

