

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143474.D
 Acq On : 20 Aug 2025 00:45
 Operator : RC/JU
 Sample : Q2683-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Aug 20 02:12:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

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

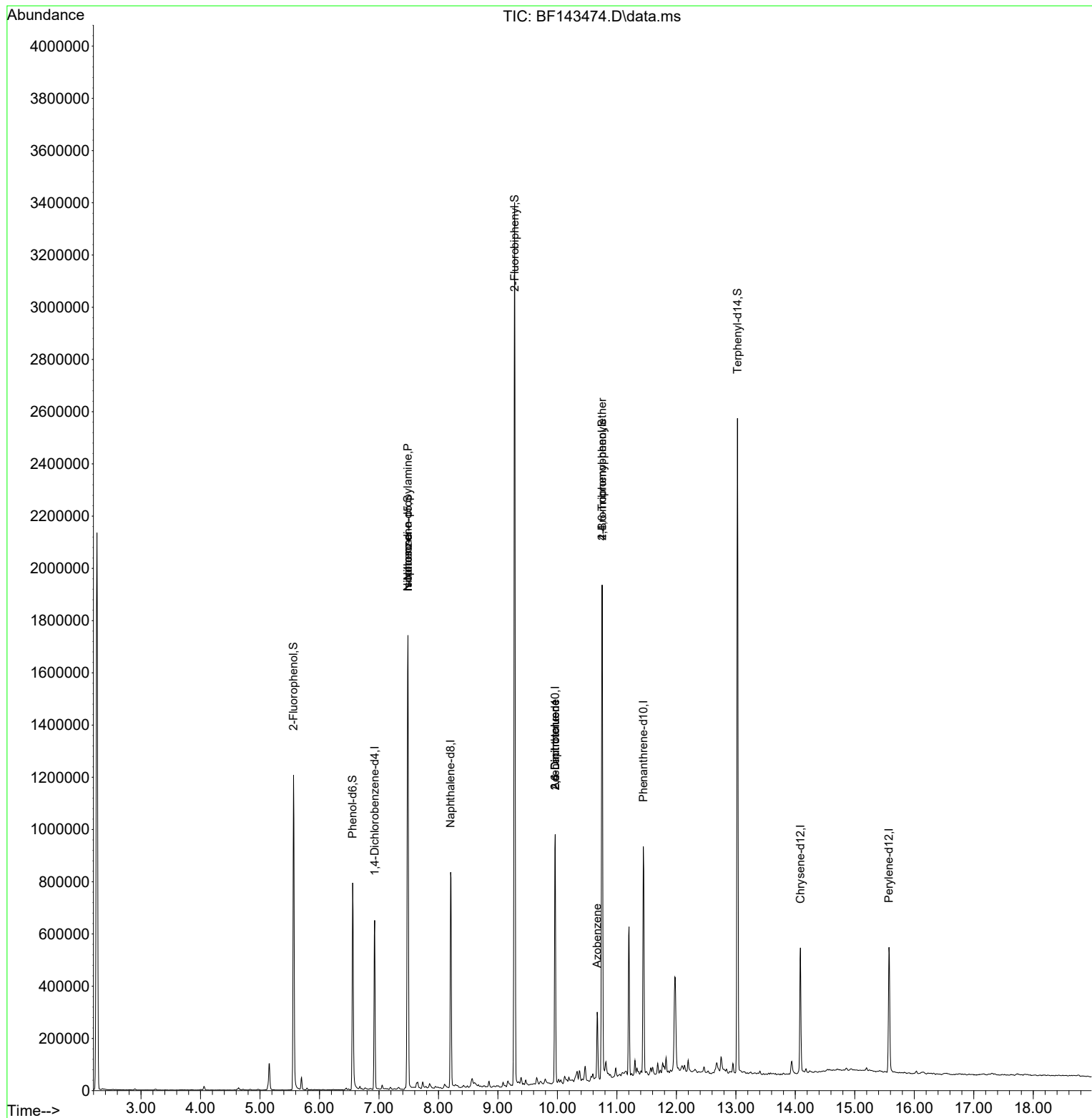
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	136069	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	535167	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	290735	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	440654	20.000	ng	0.00
76) Chrysene-d12	14.086	240	240075	20.000	ng	0.00
86) Perylene-d12	15.574	264	288149	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	449869	57.472	ng	0.00
7) Phenol-d6	6.557	99	366475	37.151	ng	0.00
23) Nitrobenzene-d5	7.487	82	795398	88.193	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	338318	130.738	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1492752	86.360	ng	0.00
79) Terphenyl-d14	13.027	244	1226679	85.833	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.487	70	108229	17.722	ng	Qvalue
25) Isophorone	7.487	82	791705	45.866	ng	# 76
51) 2,6-Dinitrotoluene	9.963	165	36549	10.229	ng	# 65
57) 2,4-Dinitrotoluene	9.963	165	36549	7.672	ng	# 24
63) Azobenzene	10.669	77	65714	3.882	ng	# 25
67) 4-Bromophenyl-phenylether	10.751	248	21993	4.227	ng	# 1

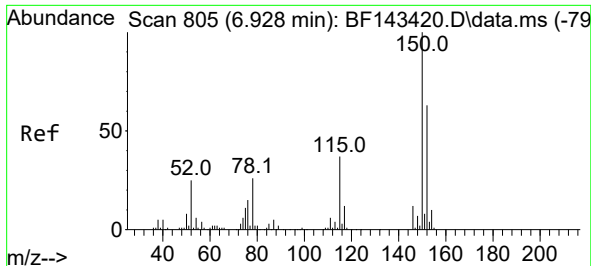
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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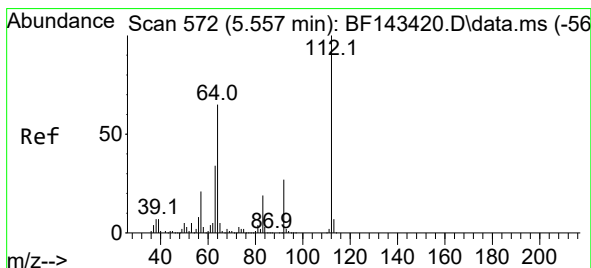
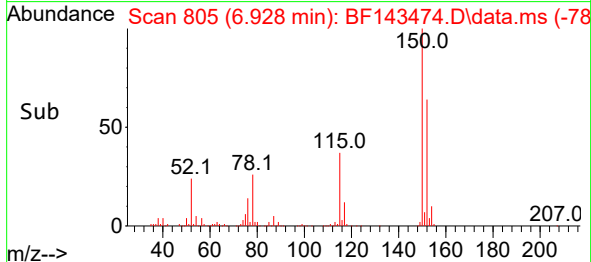
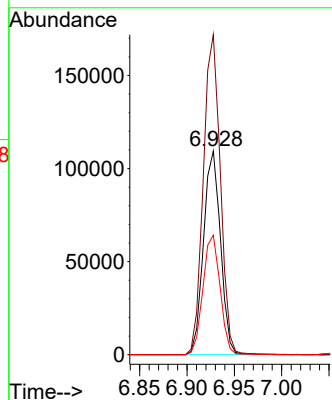
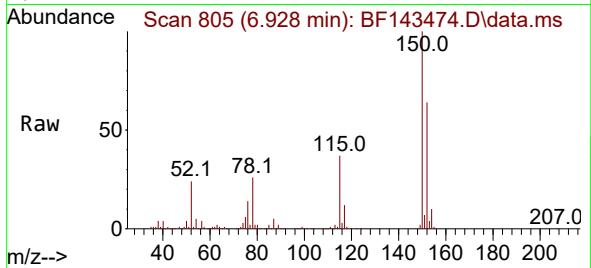




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143474.D
 Acq: 20 Aug 2025 00:45

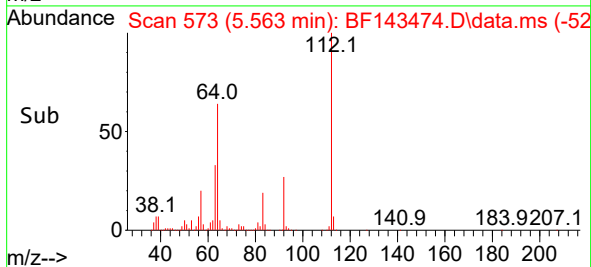
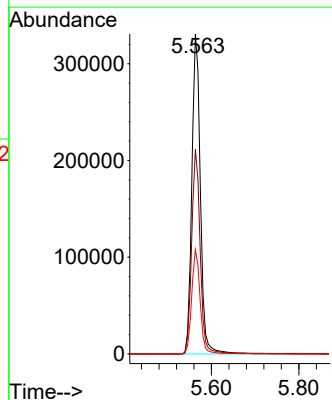
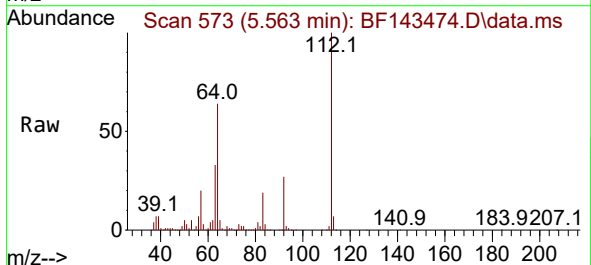
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

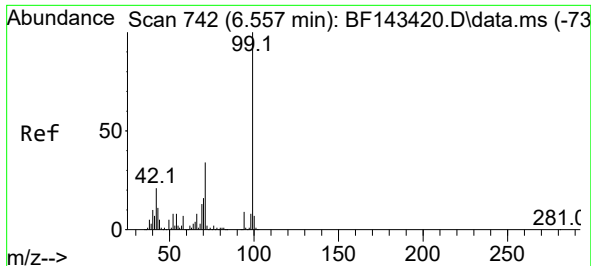
Tgt Ion:152 Resp: 136069
 Ion Ratio Lower Upper
 152 100
 150 157.1 127.4 191.2
 115 58.7 47.5 71.3



#5
 2-Fluorophenol
 Concen: 57.472 ng
 RT: 5.563 min Scan# 573
 Delta R.T. 0.006 min
 Lab File: BF143474.D
 Acq: 20 Aug 2025 00:45

Tgt Ion:112 Resp: 449869
 Ion Ratio Lower Upper
 112 100
 64 63.9 52.2 78.2
 63 32.5 27.0 40.6

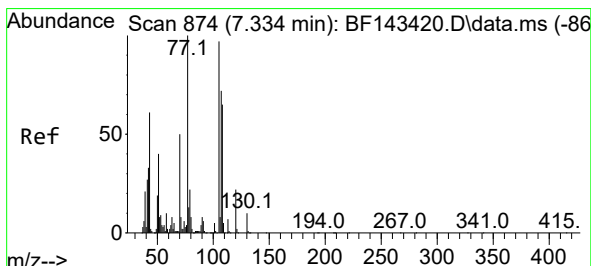
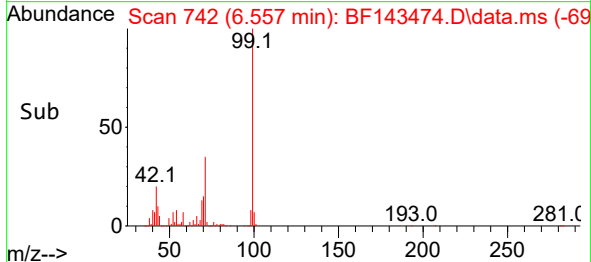
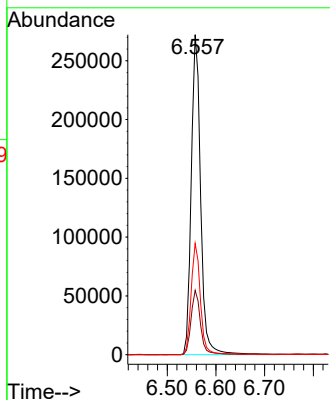
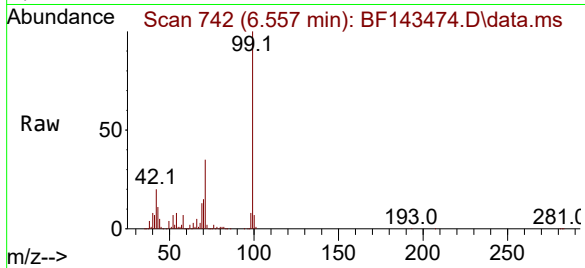




#7
Phenol-d6
Concen: 37.151 ng
RT: 6.557 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF143474.D
Acq: 20 Aug 2025 00:45

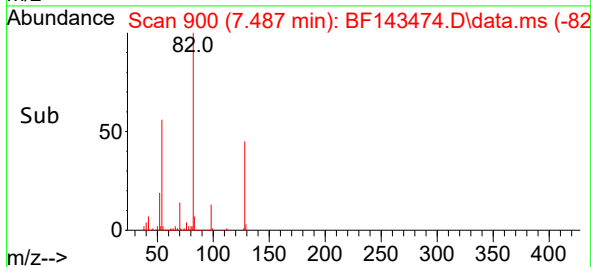
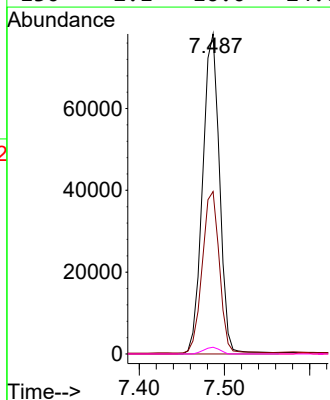
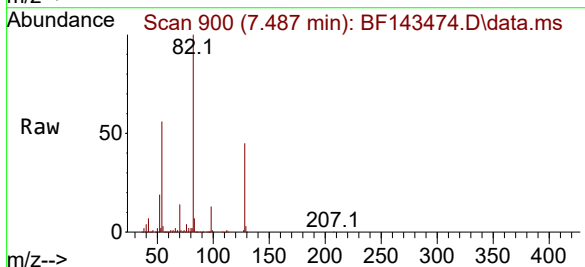
Instrument :
BNA_F
ClientSampleId :
DSN001

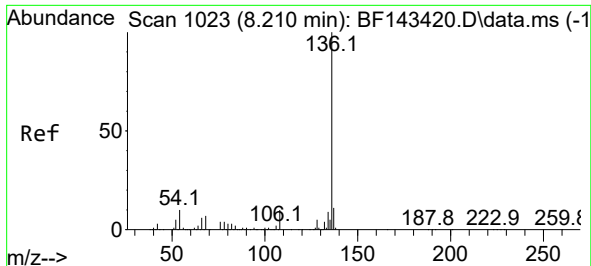
Tgt Ion: 99 Resp: 366475
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 34.8 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.722 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.153 min
Lab File: BF143474.D
Acq: 20 Aug 2025 00:45

Tgt Ion: 70 Resp: 108229
Ion Ratio Lower Upper
70 100
42 50.8 52.5 78.7#
101 0.0 7.9 11.9#
130 2.1 16.0 24.0#



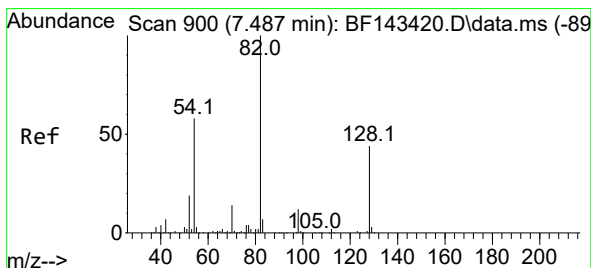
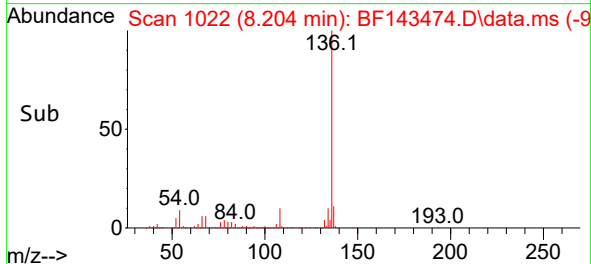
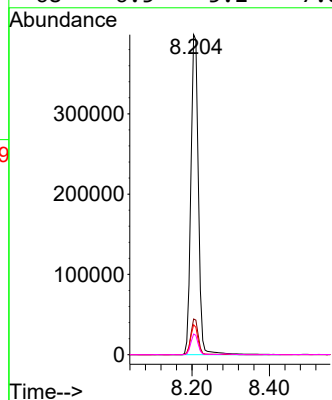
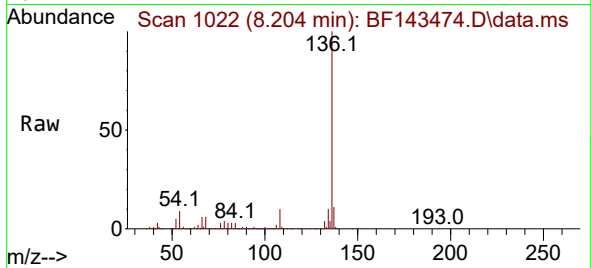


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143474.D
Acq: 20 Aug 2025 00:45

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion:136 Resp: 535167

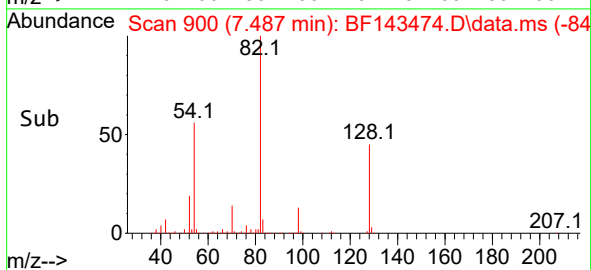
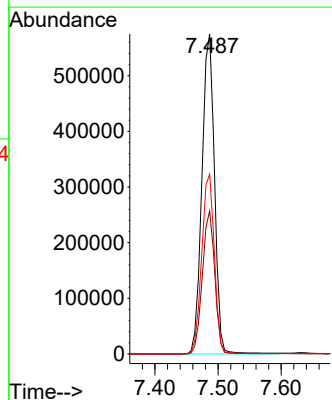
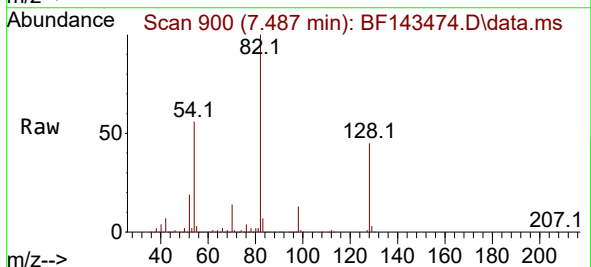
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.4	7.8	11.8
68	6.5	5.2	7.8

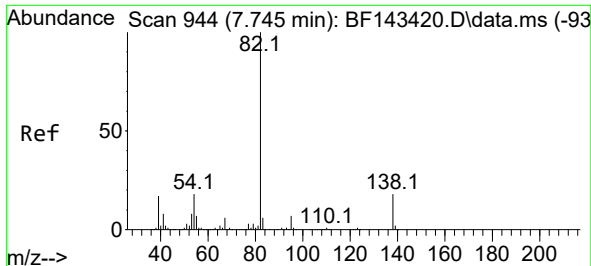


#23
Nitrobenzene-d5
Concen: 88.193 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF143474.D
Acq: 20 Aug 2025 00:45

Tgt Ion: 82 Resp: 795398

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	52.0
54	56.2	46.0	69.0

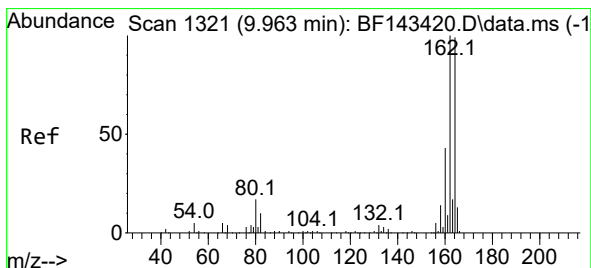
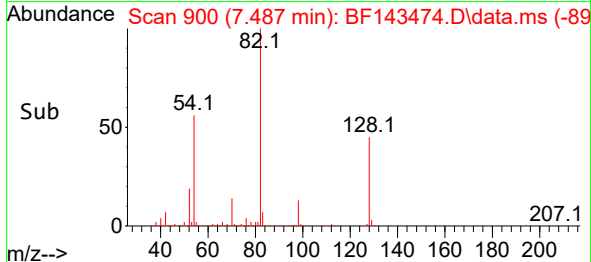
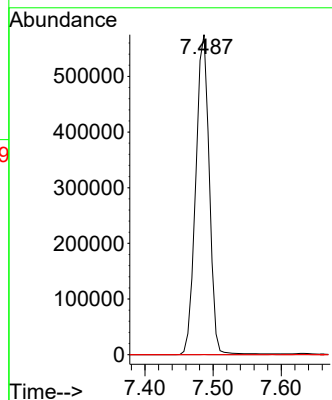
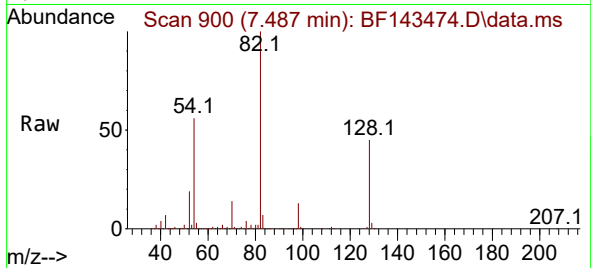




#25
Isophorone
Concen: 45.866 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.259 min
Lab File: BF143474.D
Acq: 20 Aug 2025 00:45

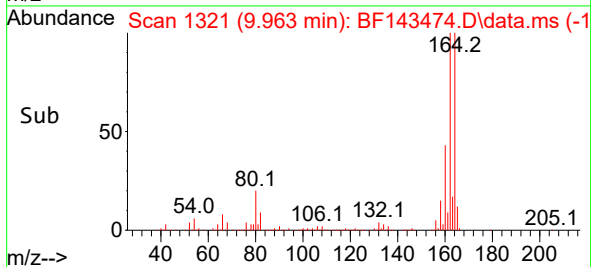
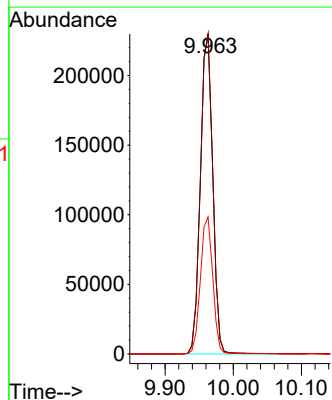
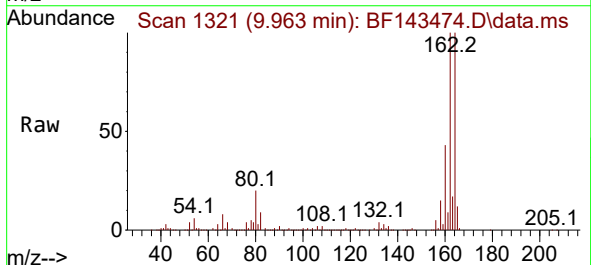
Instrument :
BNA_F
ClientSampleId :
DSN001

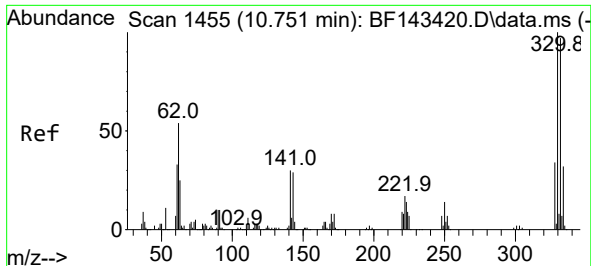
Tgt Ion: 82 Resp: 791705
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.3 21.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF143474.D
Acq: 20 Aug 2025 00:45

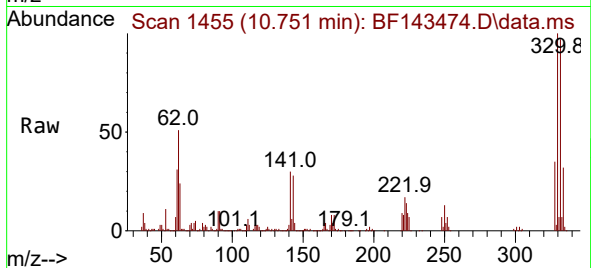
Tgt Ion:164 Resp: 290735
Ion Ratio Lower Upper
164 100
162 99.5 80.6 121.0
160 42.8 34.6 51.8



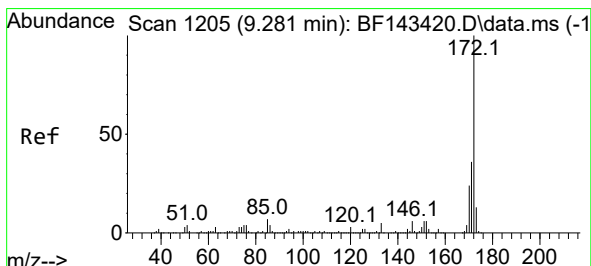
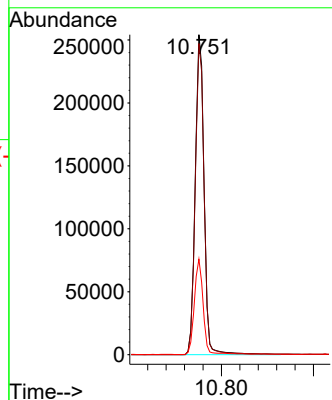
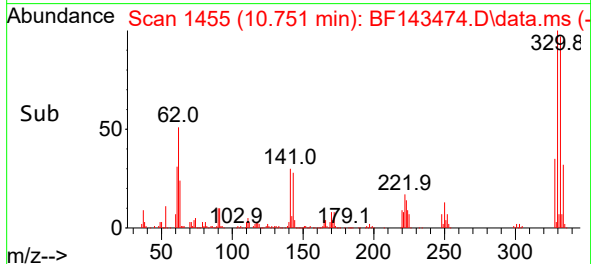


#42
2,4,6-Tribromophenol
Concen: 130.738 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF143474.D
Acq: 20 Aug 2025 00:45

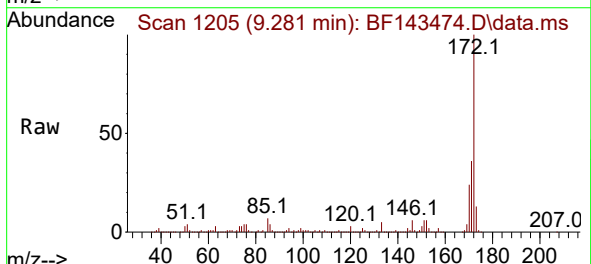
Instrument :
BNA_F
ClientSampleId :
DSN001



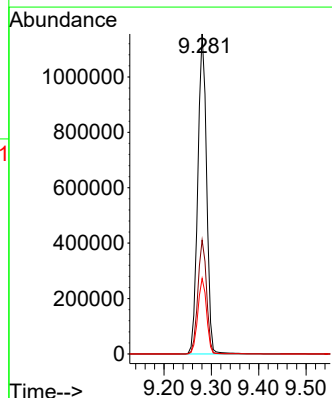
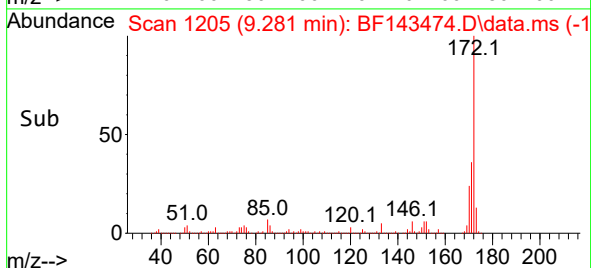
Tgt Ion:330 Resp: 338318
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.2
141 29.7 24.1 36.1

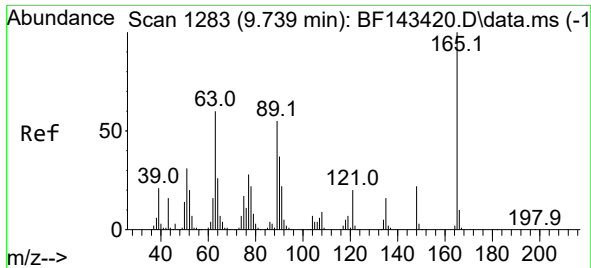


#45
2-Fluorobiphenyl
Concen: 86.360 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF143474.D
Acq: 20 Aug 2025 00:45



Tgt Ion:172 Resp: 1492752
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.6 19.0 28.6

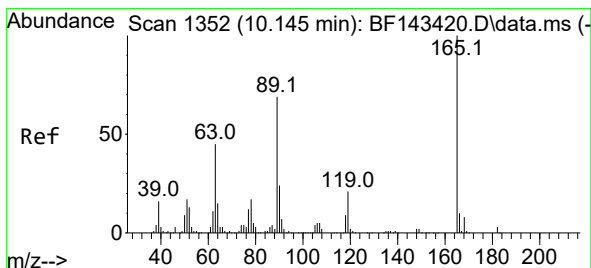
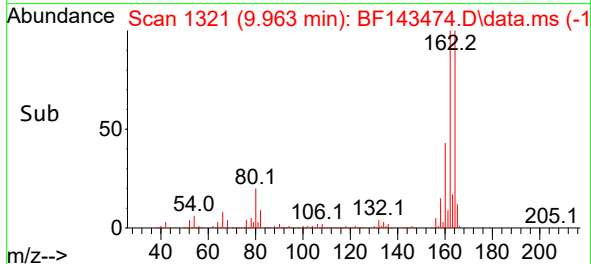
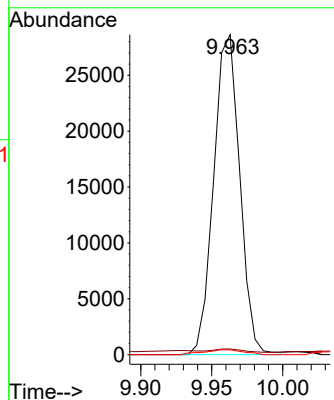
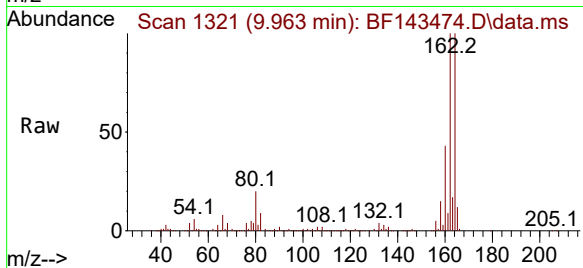




#51
2,6-Dinitrotoluene
Concen: 10.229 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.223 min
Lab File: BF143474.D
Acq: 20 Aug 2025 00:45

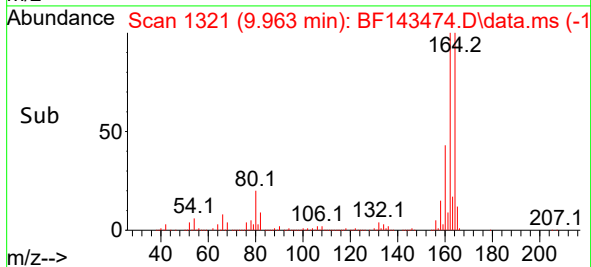
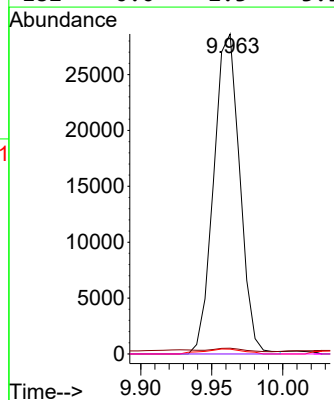
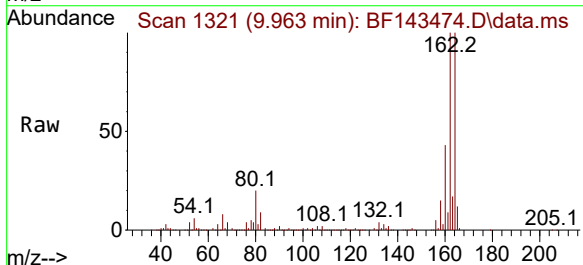
Instrument :
BNA_F
ClientSampleId :
DSN001

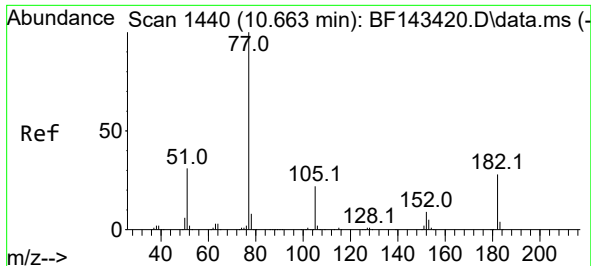
Tgt Ion:165 Resp: 36549
Ion Ratio Lower Upper
165 100
63 1.8 48.2 72.2#
89 1.5 44.2 66.2#



#57
2,4-Dinitrotoluene
Concen: 7.672 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.182 min
Lab File: BF143474.D
Acq: 20 Aug 2025 00:45

Tgt Ion:165 Resp: 36549
Ion Ratio Lower Upper
165 100
63 1.8 37.0 55.6#
89 1.5 55.4 83.0#
182 0.0 2.3 3.5#

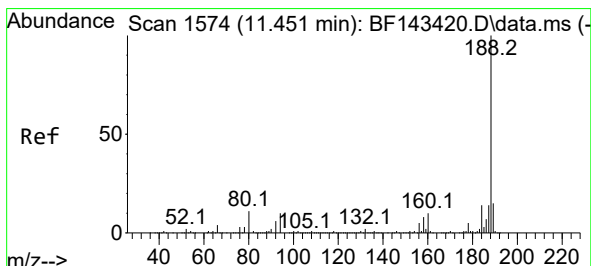
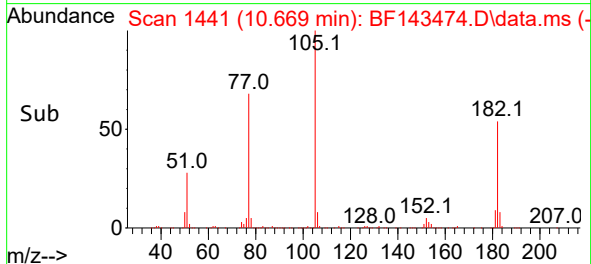
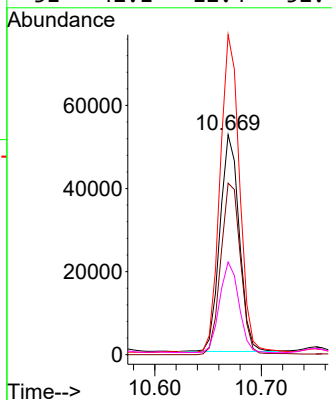
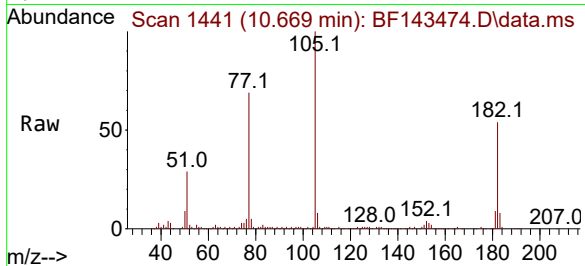




#63
 Azobenzene
 Concen: 3.882 ng
 RT: 10.669 min Scan# 1440
 Delta R.T. 0.006 min
 Lab File: BF143474.D
 Acq: 20 Aug 2025 00:45

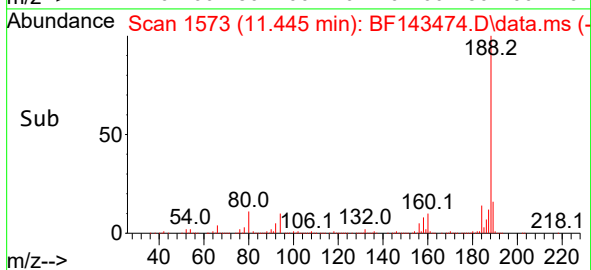
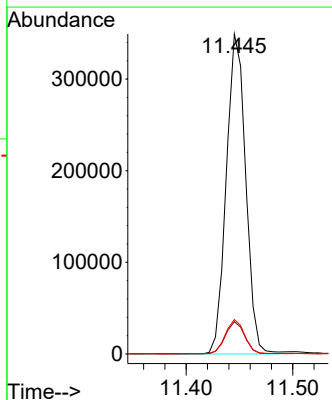
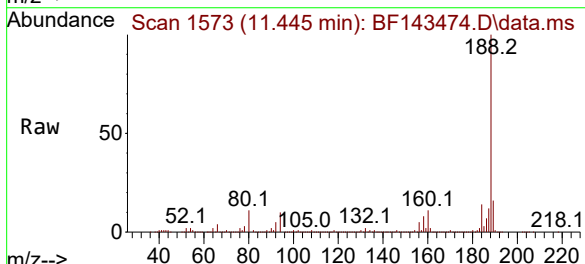
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

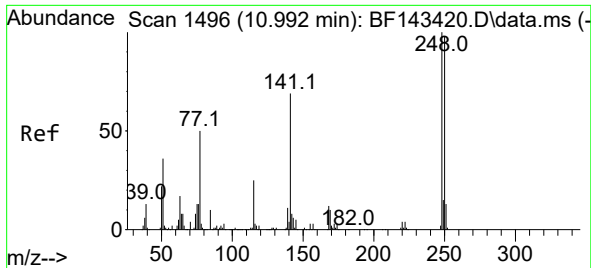
Tgt Ion: 77 Resp: 65714
 Ion Ratio Lower Upper
 77 100
 182 78.0 7.4 47.4#
 105 145.4 1.7 41.7#
 51 42.1 12.4 52.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.445 min Scan# 1573
 Delta R.T. -0.006 min
 Lab File: BF143474.D
 Acq: 20 Aug 2025 00:45

Tgt Ion: 188 Resp: 440654
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.0 12.0
 80 10.8 8.6 12.8

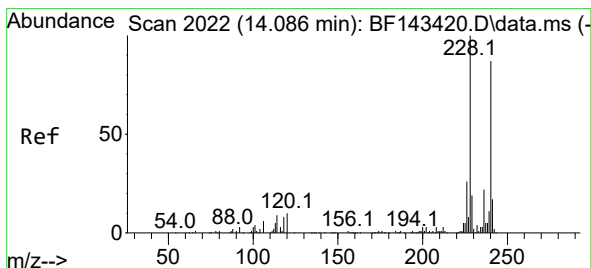
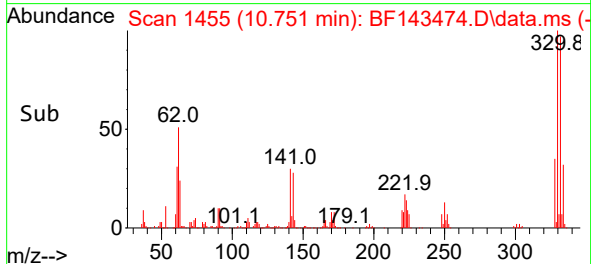
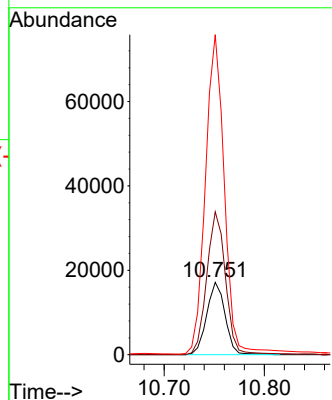
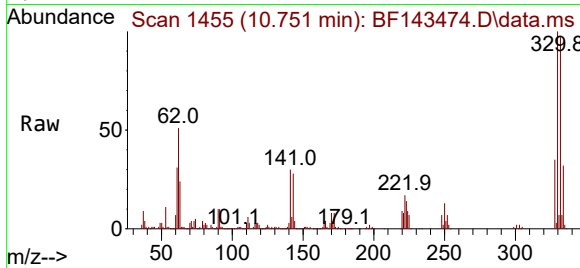




#67
4-Bromophenyl-phenylether
Concen: 4.227 ng
RT: 10.751 min Scan# 1496
Delta R.T. -0.241 min
Lab File: BF143474.D
Acq: 20 Aug 2025 00:45

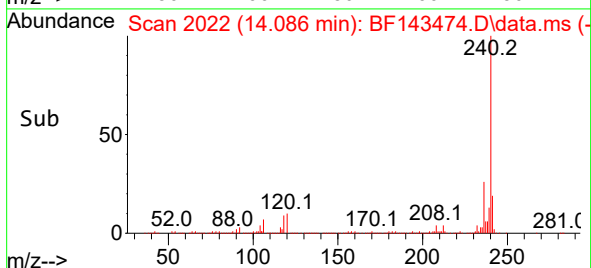
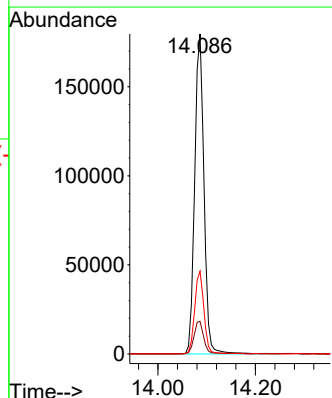
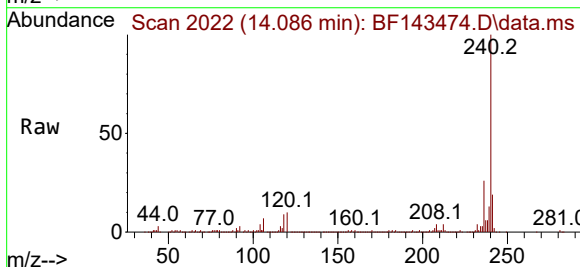
Instrument :
BNA_F
ClientSampleId :
DSN001

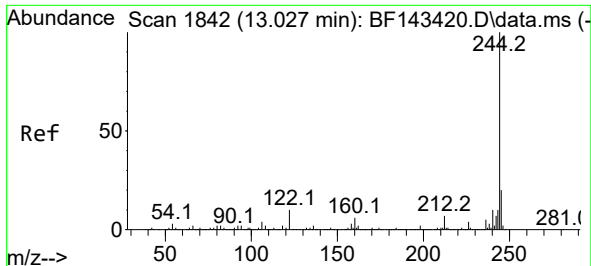
Tgt Ion:248 Resp: 21993
Ion Ratio Lower Upper
248 100
250 197.3 78.6 118.0#
141 442.2 54.9 82.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF143474.D
Acq: 20 Aug 2025 00:45

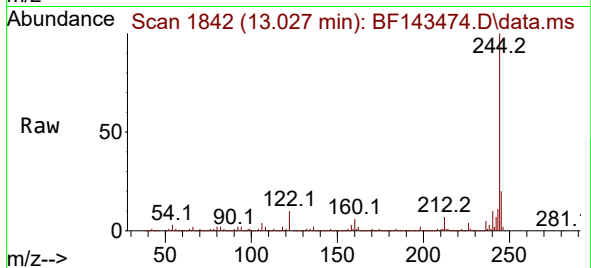
Tgt Ion:240 Resp: 240075
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.4
236 25.9 20.2 30.2



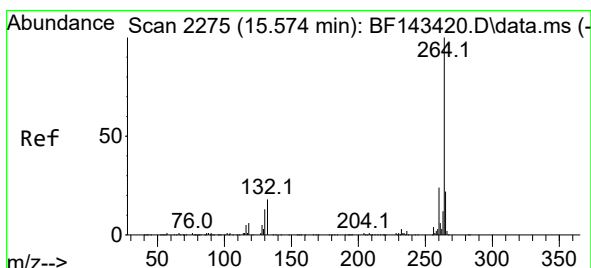
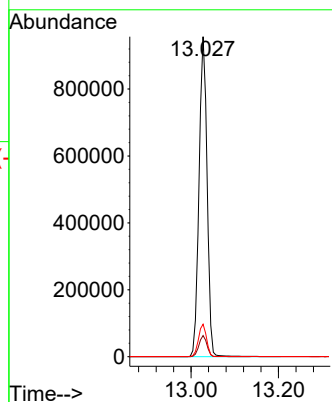
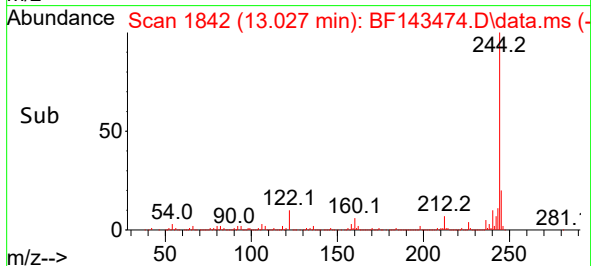


#79
 Terphenyl-d14
 Concen: 85.833 ng
 RT: 13.027 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF143474.D
 Acq: 20 Aug 2025 00:45

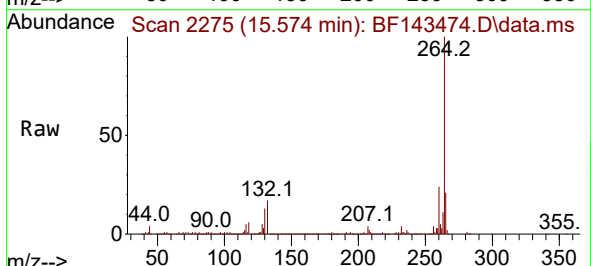
Instrument :
 BNA_F
 ClientSampleId :
 DSN001



Tgt Ion:244 Resp: 1226679
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2275
 Delta R.T. -0.000 min
 Lab File: BF143474.D
 Acq: 20 Aug 2025 00:45



Tgt Ion:264 Resp: 288149
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 21.1 17.4 26.0

