

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
 Data File : BF144297.D
 Acq On : 20 Nov 2025 16:28
 Operator : RC/JU
 Sample : Q3667-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 17:23:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

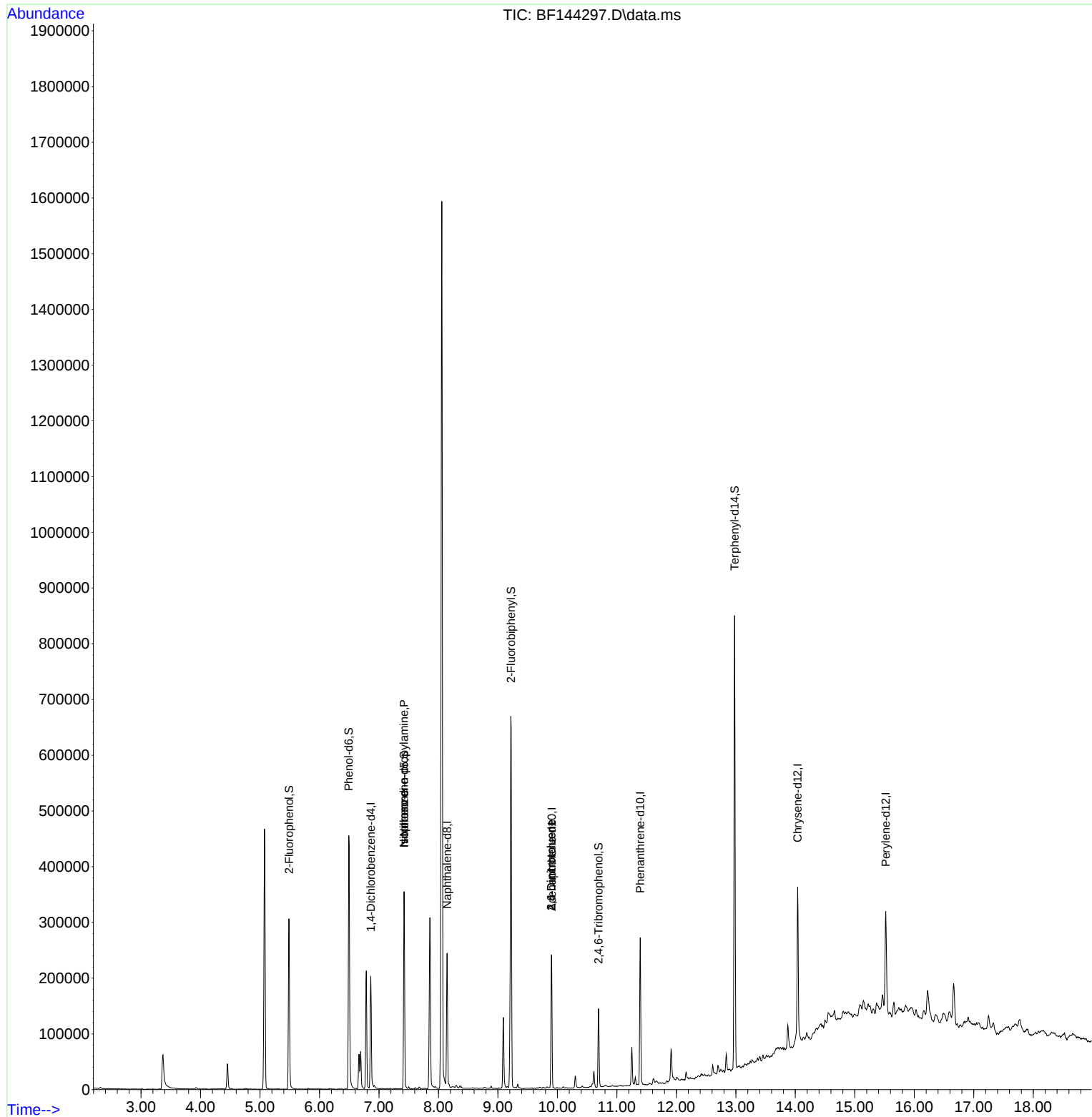
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	43325	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	147371	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	77441	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	140712	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	136117	20.000	ng	-0.01
86) Perylene-d12	15.521	264	108566	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	125282	45.251	ng	0.00
7) Phenol-d6	6.493	99	215630	68.737	ng	0.00
23) Nitrobenzene-d5	7.422	82	143817	56.362	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	26723	27.499	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	308790	58.892	ng	0.00
79) Terphenyl-d14	12.980	244	427845	49.927	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	20286	9.823	ng	# 78
25) Isophorone	7.422	82	143816	29.797	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	9993	9.622	ng	# 27
57) 2,4-Dinitrotoluene	9.898	165	9993	7.188	ng	# 27

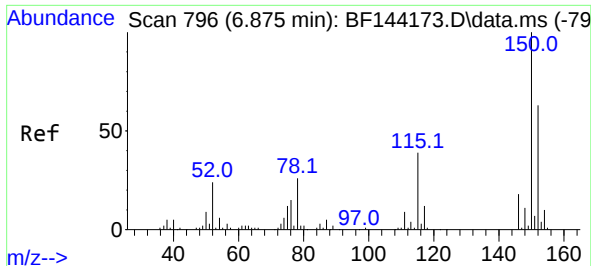
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144297.D
Acq On : 20 Nov 2025 16:28
Operator : RC/JU
Sample : Q3667-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

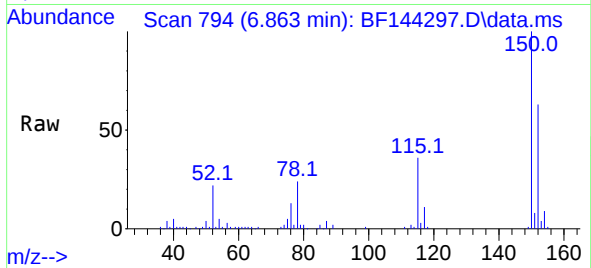
Quant Time: Nov 20 17:23:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



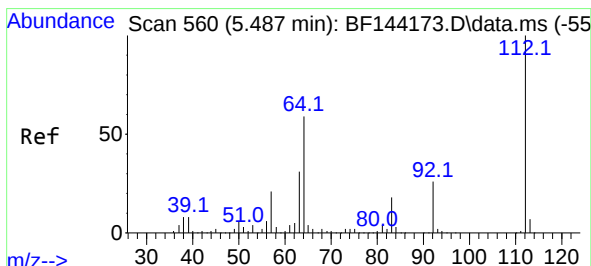
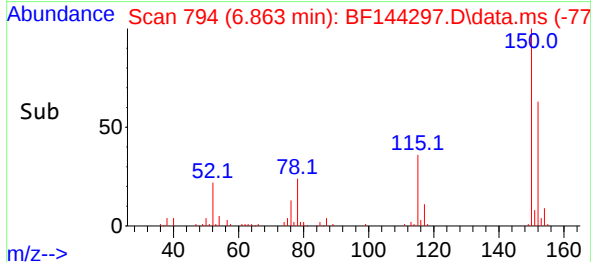
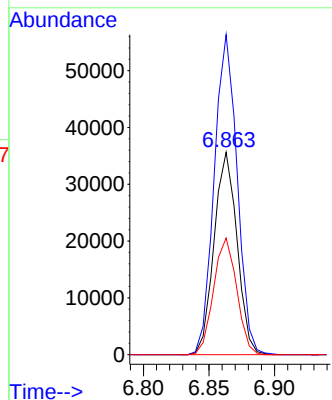


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144297.D
Acq: 20 Nov 2025 16:28

Instrument :
BNA_F
ClientSampleId :

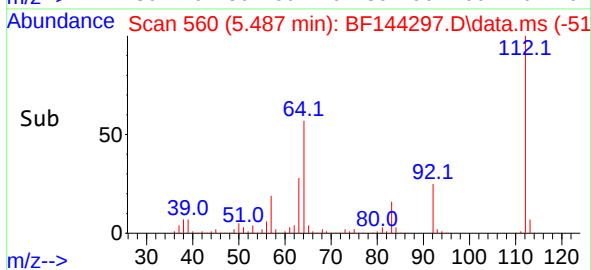
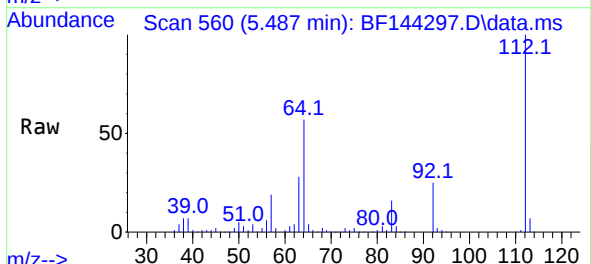
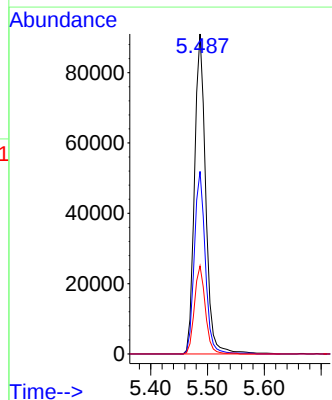


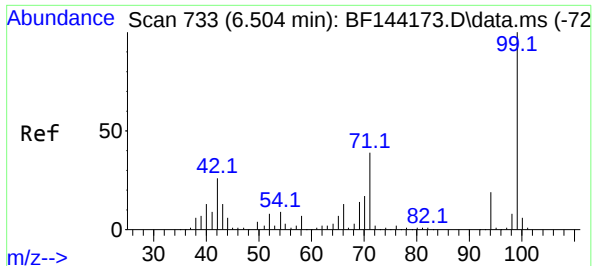
Tgt Ion:152 Resp: 43325
Ion Ratio Lower Upper
152 100
150 158.1 127.4 191.0
115 57.6 49.5 74.3



#5
2-Fluorophenol
Concen: 45.251 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144297.D
Acq: 20 Nov 2025 16:28

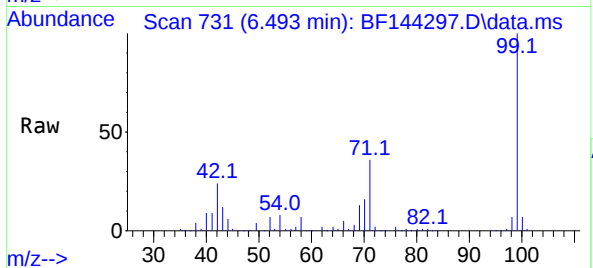
Tgt Ion:112 Resp: 125282
Ion Ratio Lower Upper
112 100
64 57.0 47.2 70.8
63 27.5 24.4 36.6



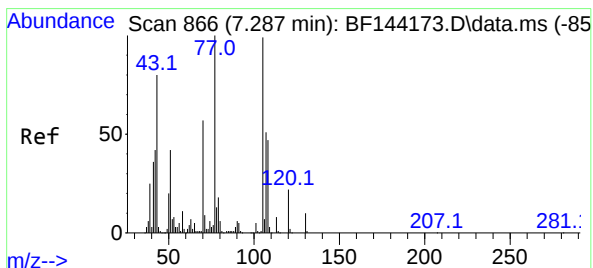
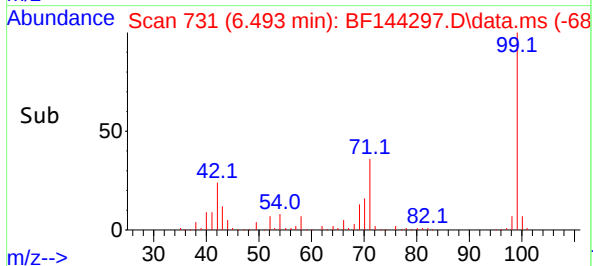
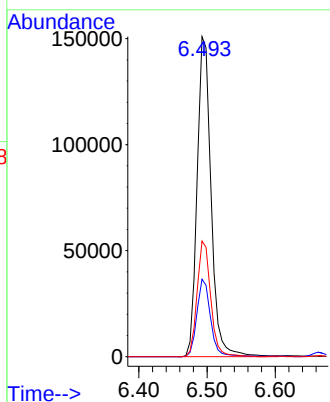


#7
Phenol-d6
Concen: 68.737 ng
RT: 6.493 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144297.D
Acq: 20 Nov 2025 16:28

Instrument :
BNA_F
ClientSampleId :

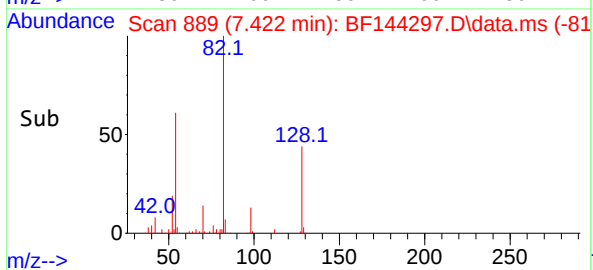
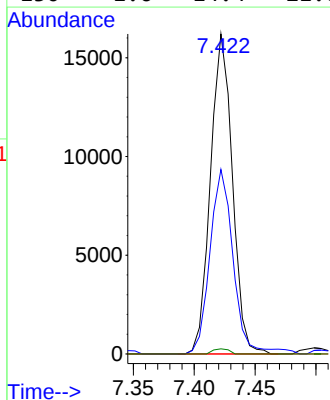
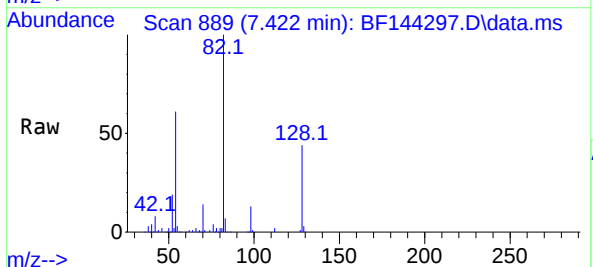


Tgt Ion: 99 Resp: 215630
Ion Ratio Lower Upper
99 100
42 24.2 20.9 31.3
71 36.2 31.4 47.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.823 ng
RT: 7.422 min Scan# 889
Delta R.T. 0.147 min
Lab File: BF144297.D
Acq: 20 Nov 2025 16:28

Tgt Ion: 70 Resp: 20286
Ion Ratio Lower Upper
70 100
42 57.7 58.3 87.5#
101 0.0 7.0 10.6#
130 1.6 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF144297.D

Acq: 20 Nov 2025 16:28

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 147371

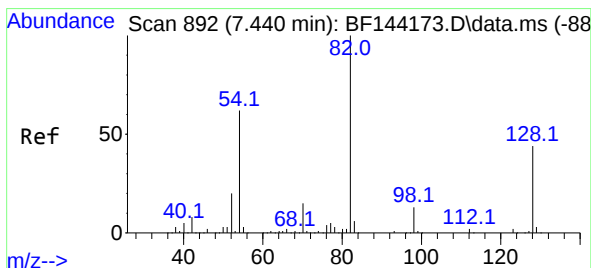
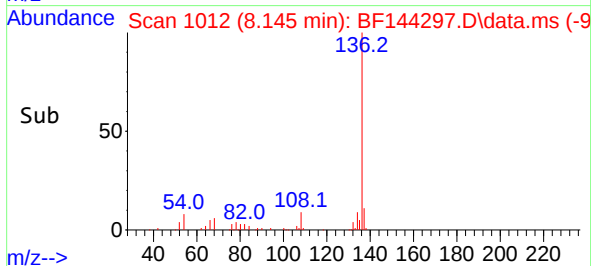
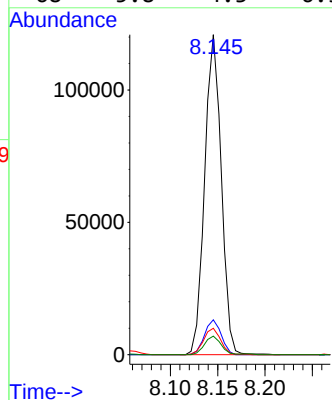
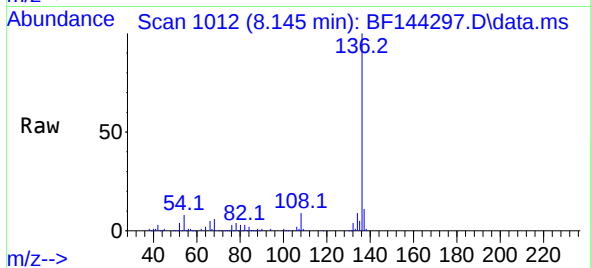
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.2 7.0 10.6

68 5.8 4.3 6.5



#23

Nitrobenzene-d5

Concen: 56.362 ng

RT: 7.422 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF144297.D

Acq: 20 Nov 2025 16:28

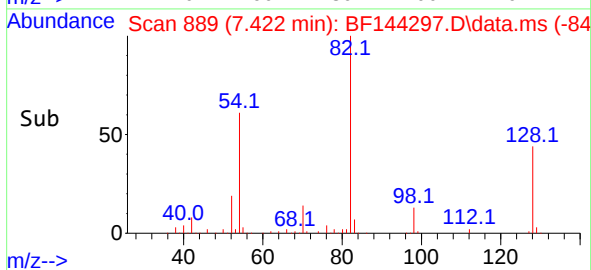
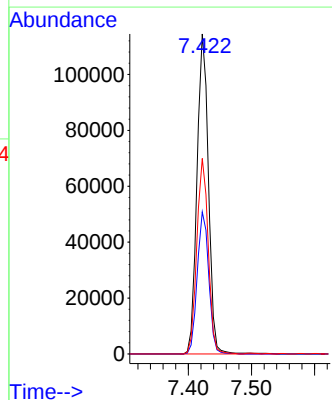
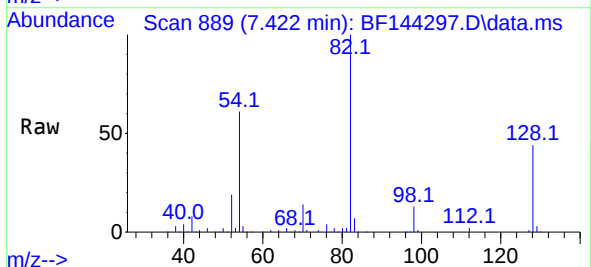
Tgt Ion: 82 Resp: 143817

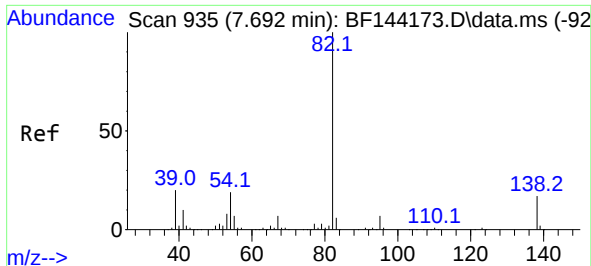
Ion Ratio Lower Upper

82 100

128 44.4 34.7 52.1

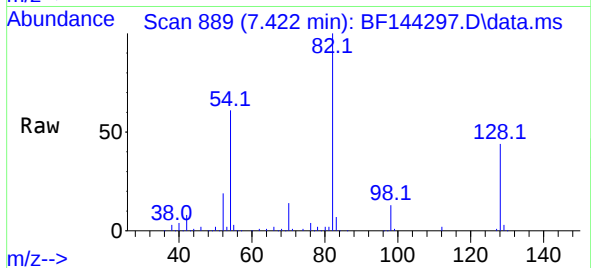
54 61.1 49.5 74.3



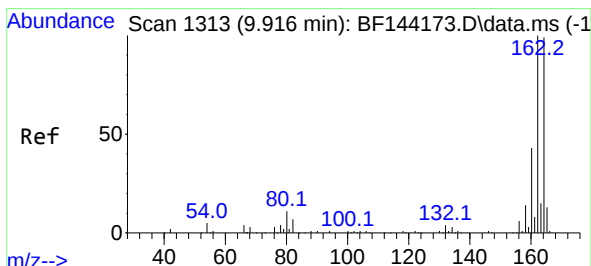
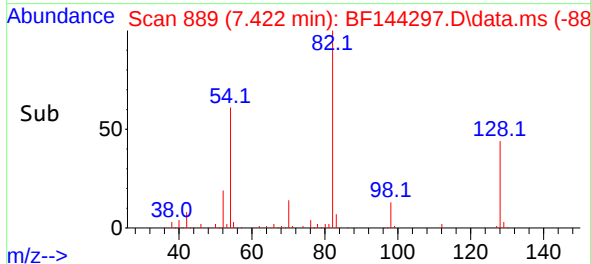
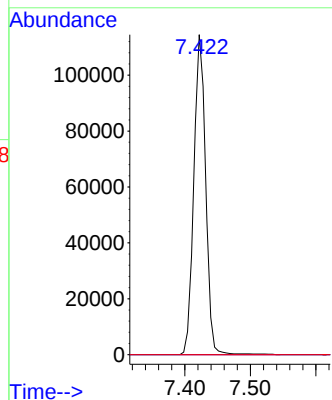


#25
Isophorone
Concen: 29.797 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF144297.D
Acq: 20 Nov 2025 16:28

Instrument :
BNA_F
ClientSampleId :

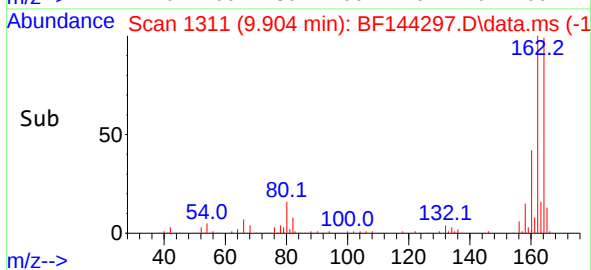
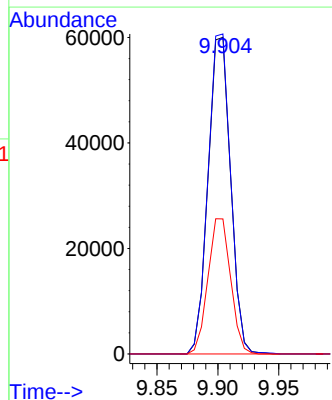
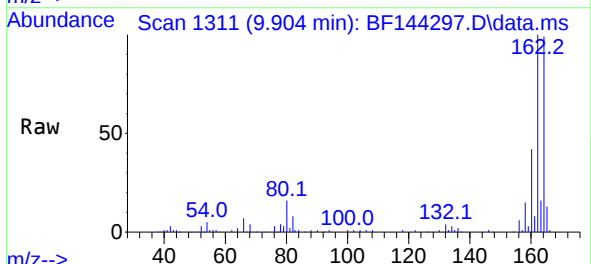


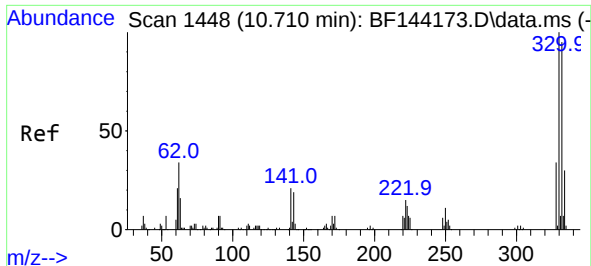
Tgt Ion: 82 Resp: 143816
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF144297.D
Acq: 20 Nov 2025 16:28

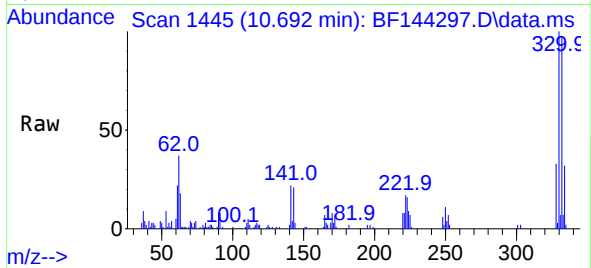
Tgt Ion:164 Resp: 77441
Ion Ratio Lower Upper
164 100
162 101.1 81.1 121.7
160 42.6 34.5 51.7



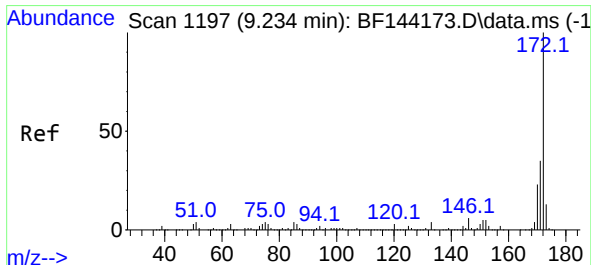
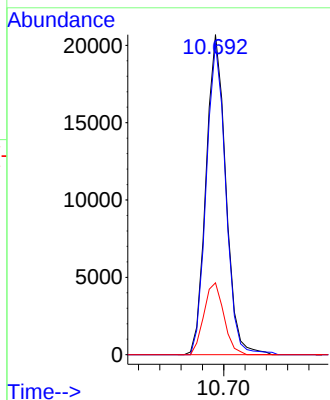
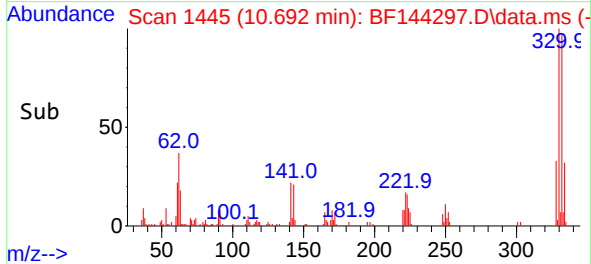


#42
2,4,6-Tribromophenol
Concen: 27.499 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144297.D
Acq: 20 Nov 2025 16:28

Instrument :
BNA_F
ClientSampleId :

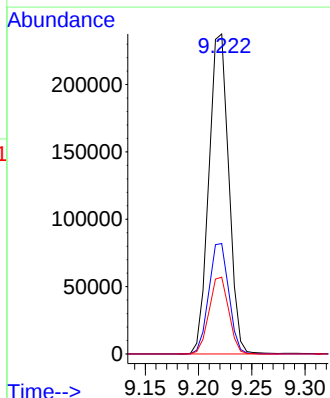
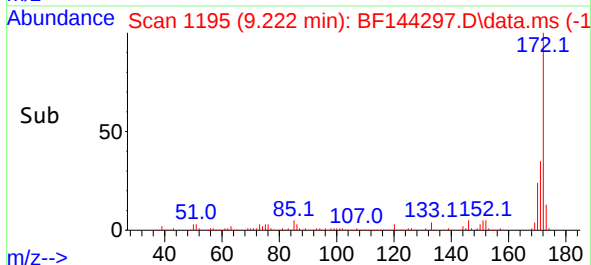
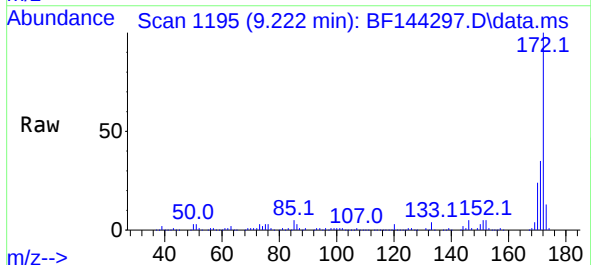


Tgt Ion:330 Resp: 26723
Ion Ratio Lower Upper
330 100
332 95.4 76.7 115.1
141 22.6 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 58.892 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144297.D
Acq: 20 Nov 2025 16:28

Tgt Ion:172 Resp: 308790
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 24.0 18.6 28.0





#51

2,6-Dinitrotoluene

Concen: 9.622 ng

RT: 9.898 min Scan# 11

Delta R.T. 0.206 min

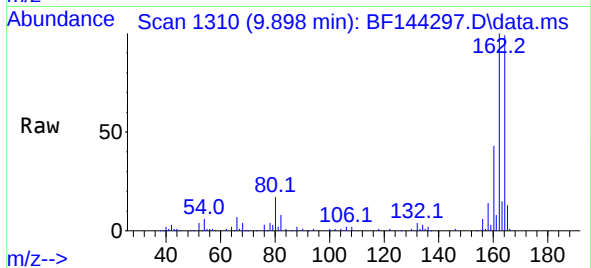
Lab File: BF144297.D

Acq: 20 Nov 2025 16:28

Instrument :

BNA_F

ClientSampleId :



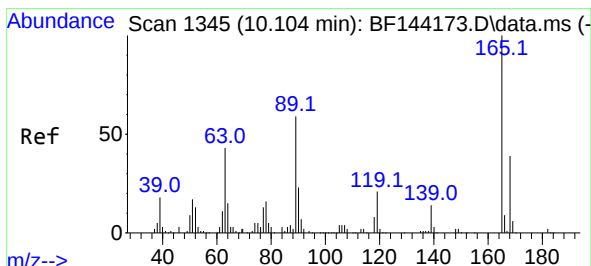
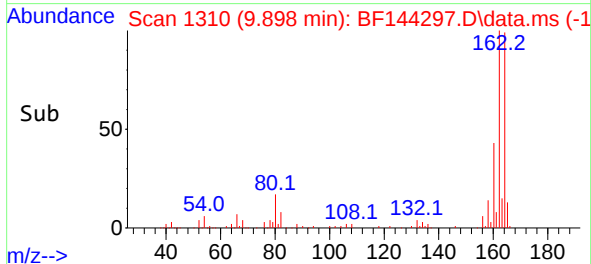
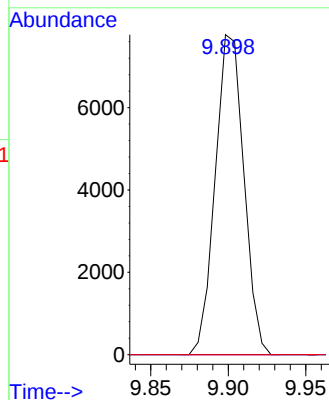
Tgt Ion:165 Resp: 9993

Ion Ratio Lower Upper

165 100

63 0.0 43.8 65.8#

89 0.0 37.5 56.3#



#57

2,4-Dinitrotoluene

Concen: 7.188 ng

RT: 9.898 min Scan# 1310

Delta R.T. -0.200 min

Lab File: BF144297.D

Acq: 20 Nov 2025 16:28

Tgt Ion:165 Resp: 9993

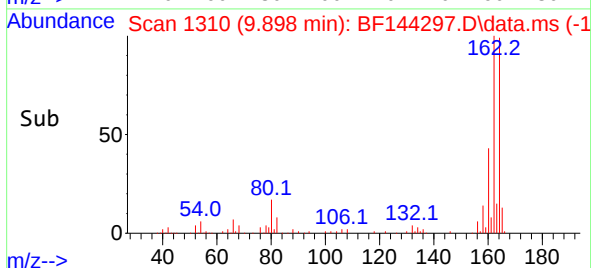
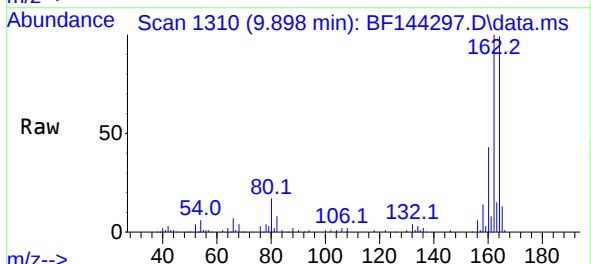
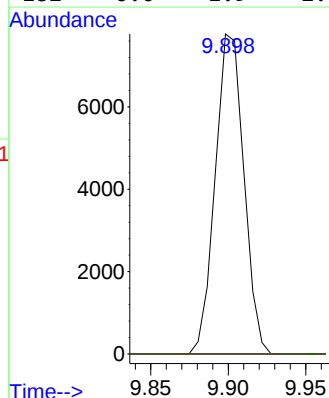
Ion Ratio Lower Upper

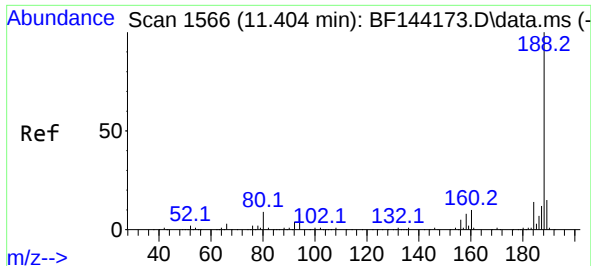
165 100

63 0.0 35.5 53.3#

89 0.0 47.4 71.2#

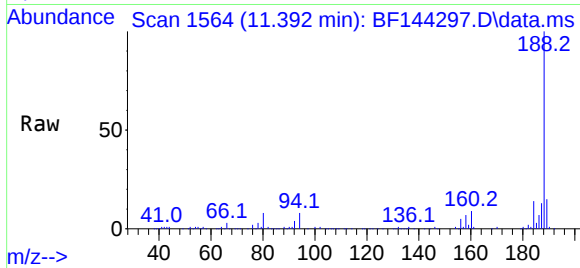
182 0.0 1.9 2.9#



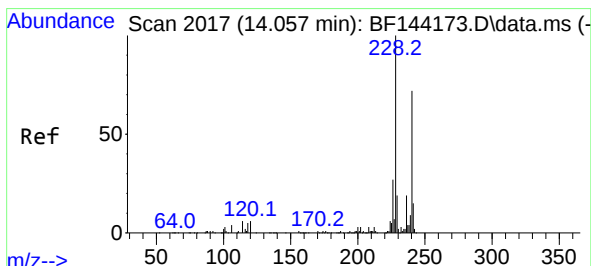
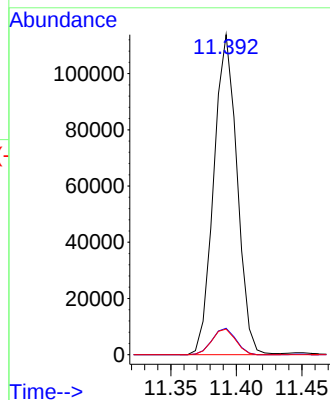
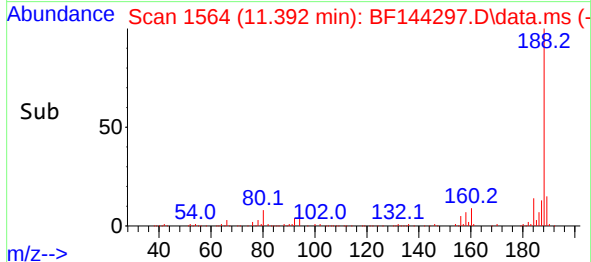


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144297.D
Acq: 20 Nov 2025 16:28

Instrument :
BNA_F
ClientSampleId :

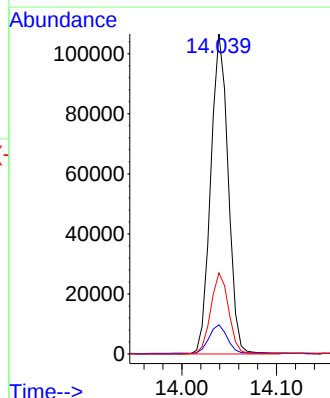
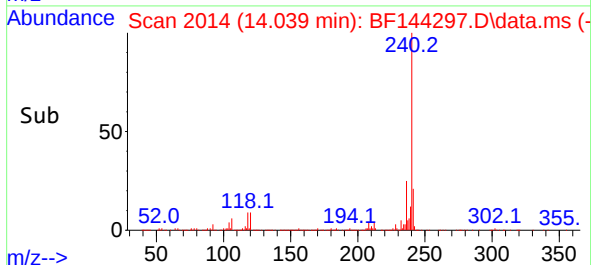
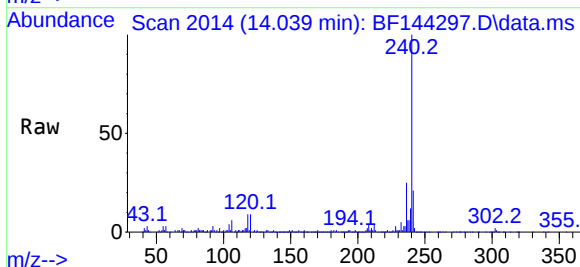


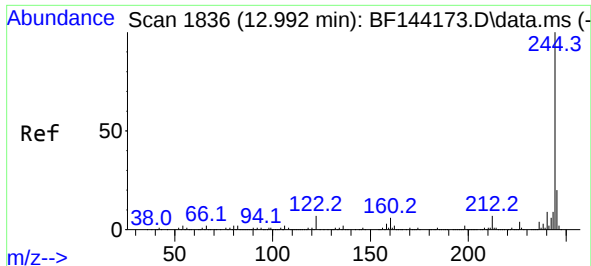
Tgt Ion:188 Resp: 140712
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.2
80 8.0 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144297.D
Acq: 20 Nov 2025 16:28

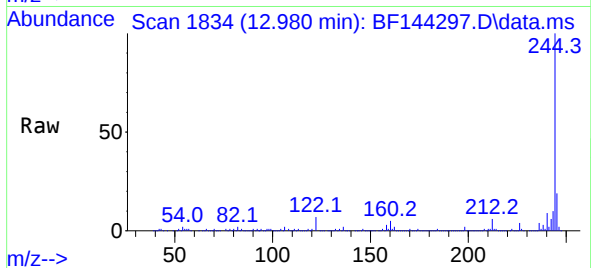
Tgt Ion:240 Resp: 136117
Ion Ratio Lower Upper
240 100
120 9.1 6.6 10.0
236 25.3 21.4 32.2



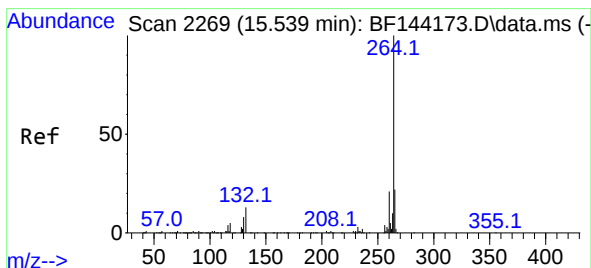
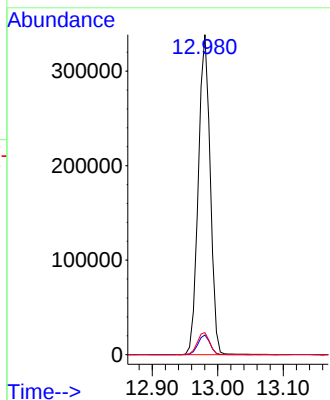
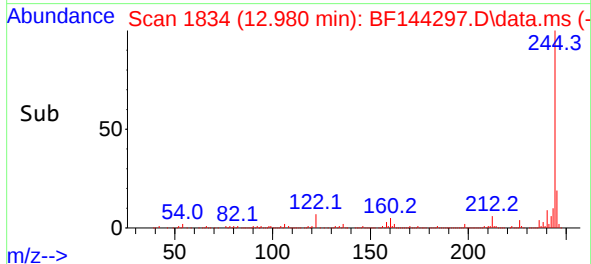


#79
Terphenyl-d14
Concen: 49.927 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144297.D
Acq: 20 Nov 2025 16:28

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:244 Resp: 427845
Ion Ratio Lower Upper
244 100
212 6.1 5.3 7.9
122 6.9 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144297.D
Acq: 20 Nov 2025 16:28

Tgt Ion:264 Resp: 108566
Ion Ratio Lower Upper
264 100
260 21.8 17.1 25.7
265 21.5 17.4 26.0

