

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 :
 RIGHT-SIDE-WALL

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

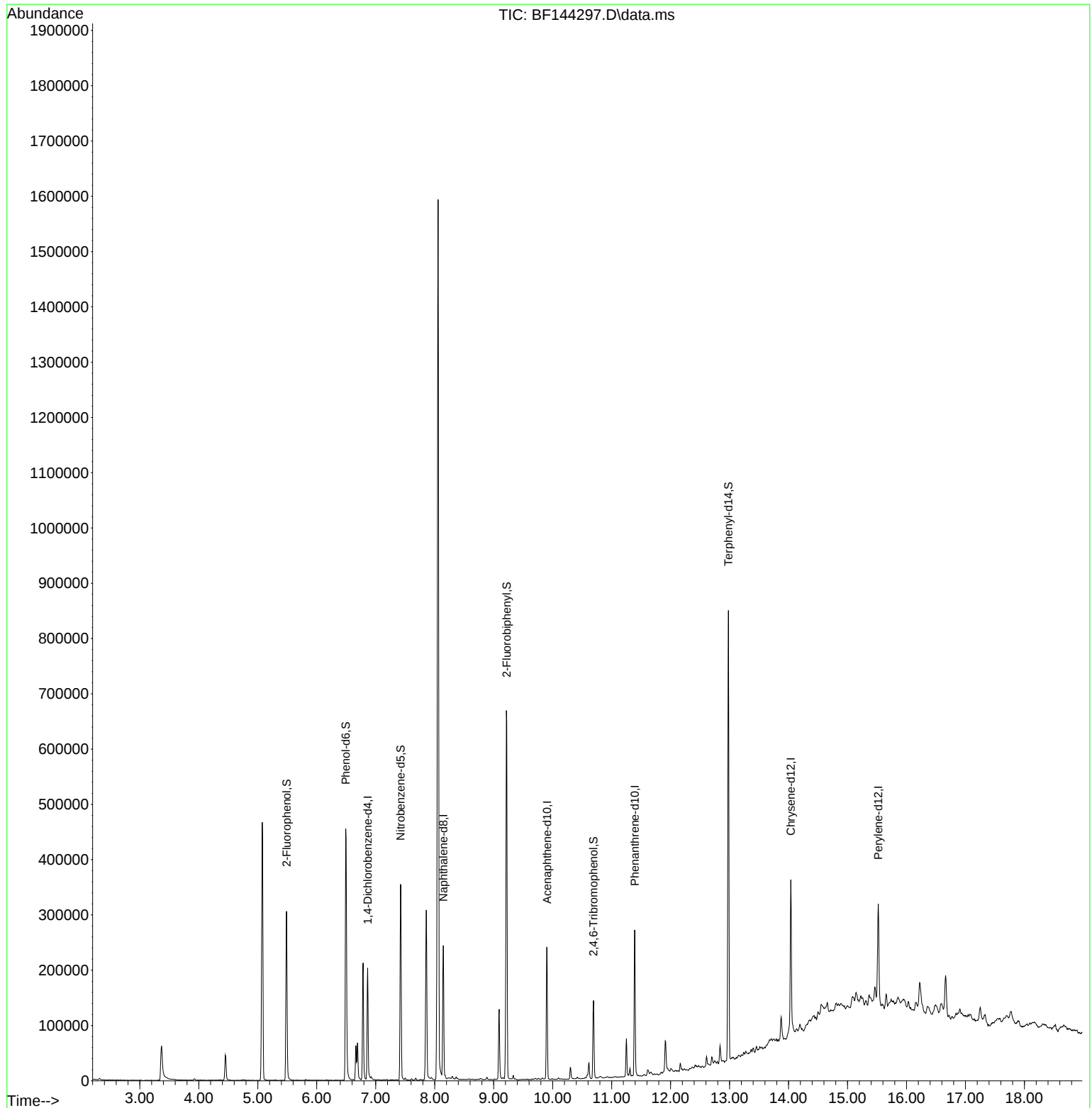
Target Compounds	Qvalue

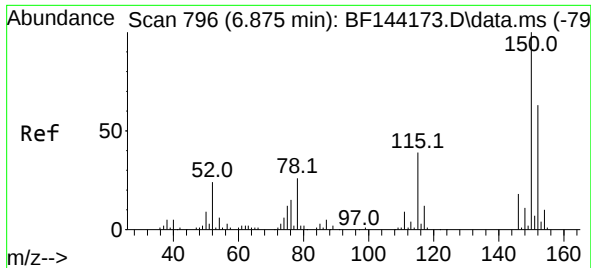
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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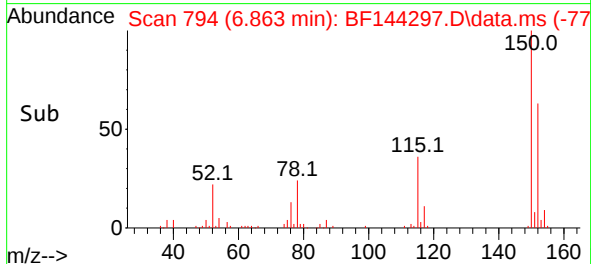
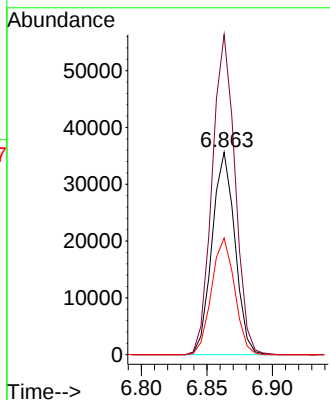
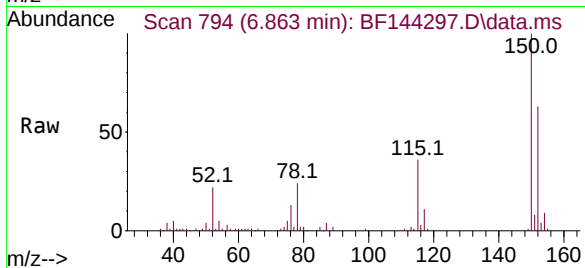




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144297.D
Acq: 20 Nov 2025 16:28

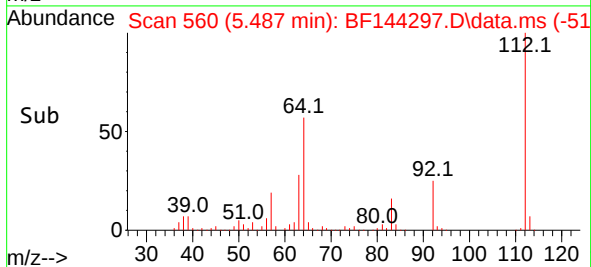
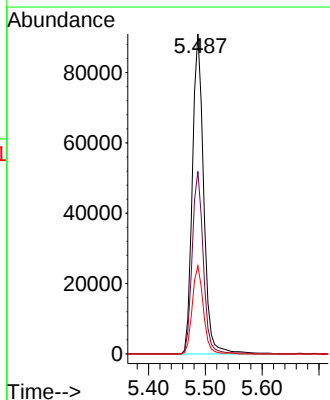
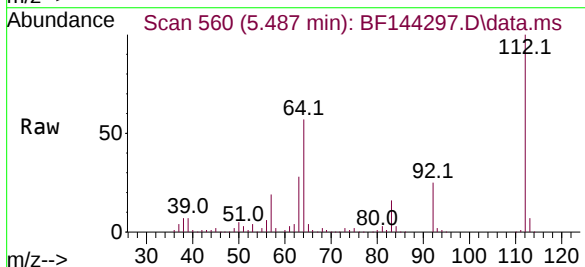
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-WALL

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

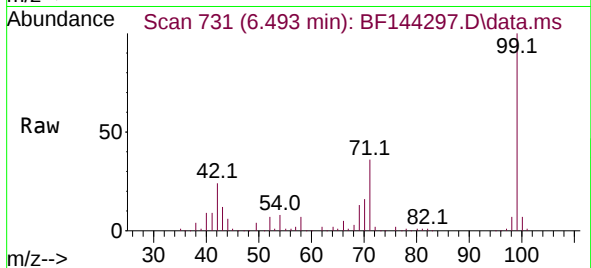
Tgt Ion:112 Resp: 125282
Ion Ratio Lower Upper
112 100
64 57.0 47.2 70.8
63 27.5 24.4 36.6



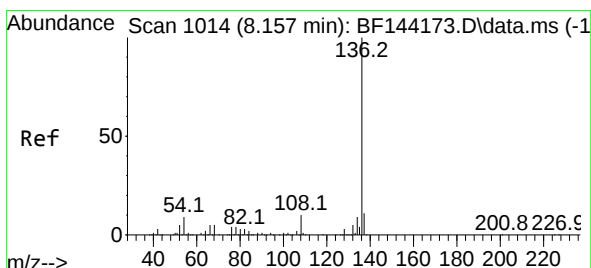
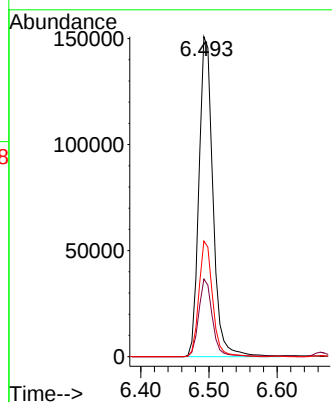
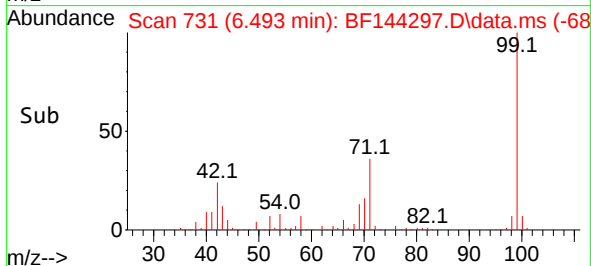


#7
Phenol-d6
Concen: 68.737 ng
RT: 6.493 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF144297.D
Acq: 20 Nov 2025 16:28

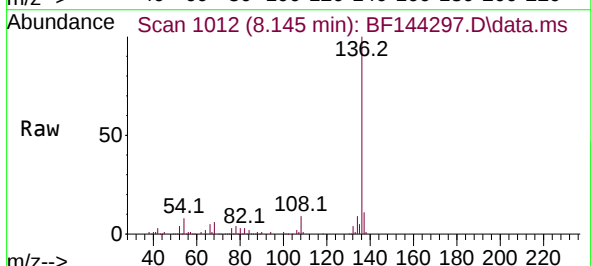
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-WALL



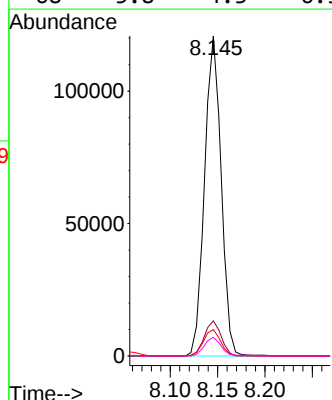
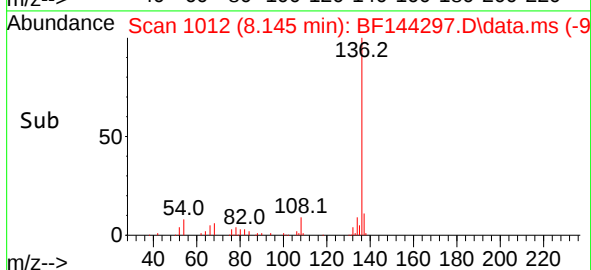
Tgt Ion: 99 Resp: 215630
Ion Ratio Lower Upper
99 100
42 24.2 20.9 31.3
71 36.2 31.4 47.2

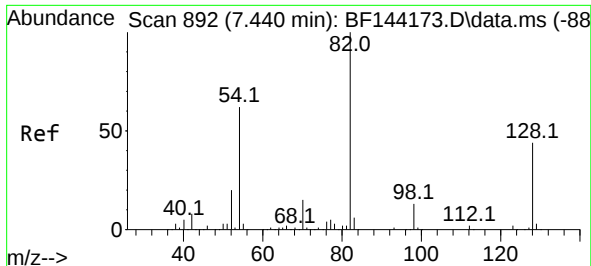


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144297.D
Acq: 20 Nov 2025 16:28



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

Instrument :

BNA_F

ClientSampleId :

RIGHT-SIDE-WALL

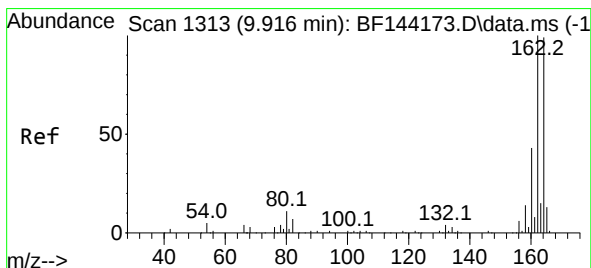
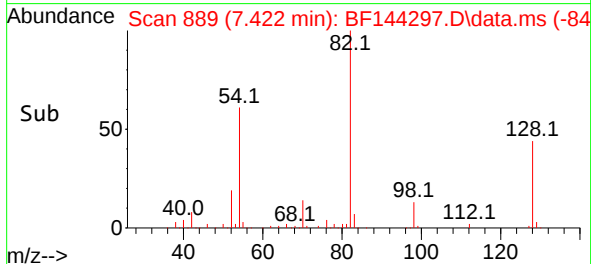
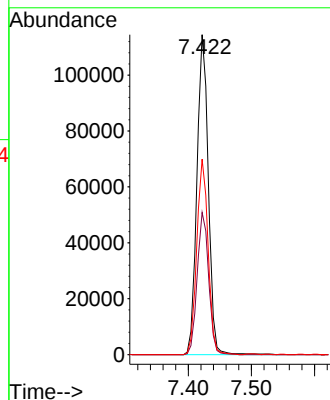
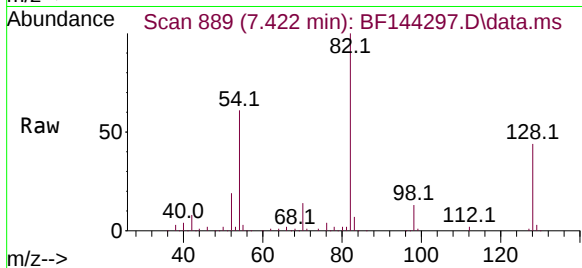
Tgt Ion: 82 Resp: 143817

Ion Ratio Lower Upper

82 100

128 44.4 34.7 52.1

54 61.1 49.5 74.3



#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

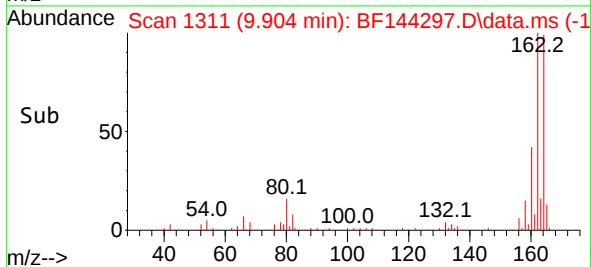
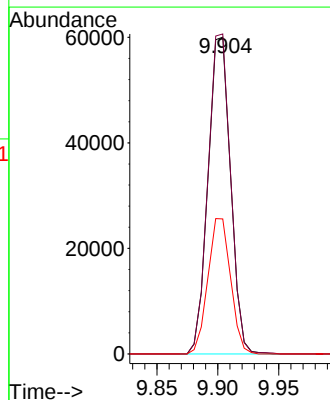
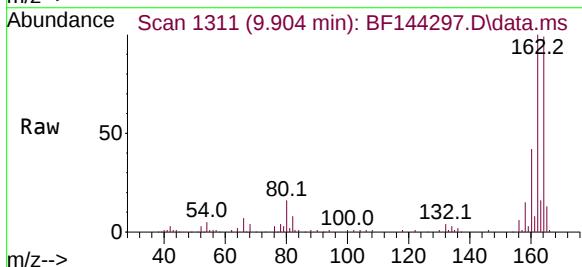
Tgt Ion:164 Resp: 77441

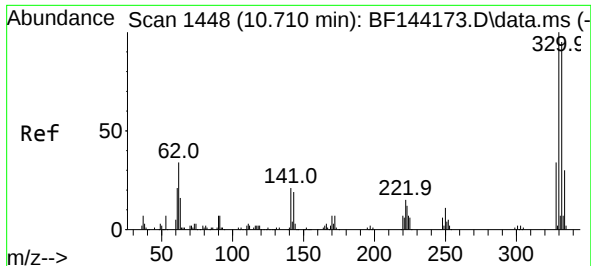
Ion Ratio Lower Upper

164 100

162 101.1 81.1 121.7

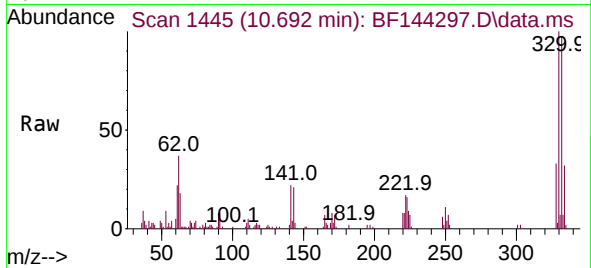
160 42.6 34.5 51.7



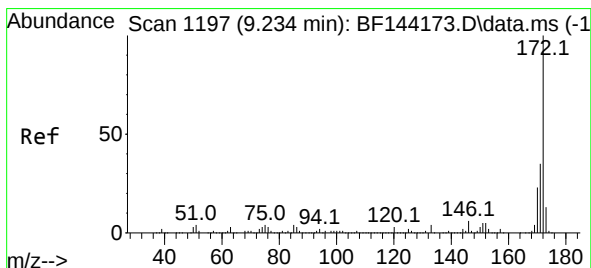
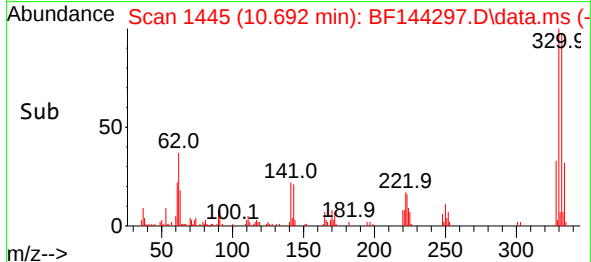
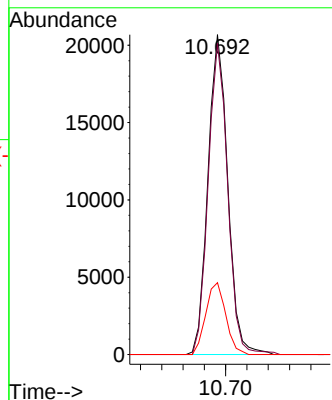


#42
2,4,6-Tribromophenol
Concen: 27.499 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144297.D
Acq: 20 Nov 2025 16:28

Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-WALL

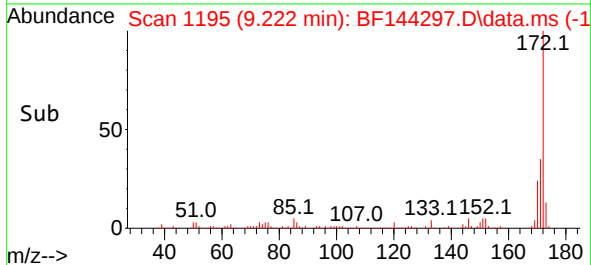
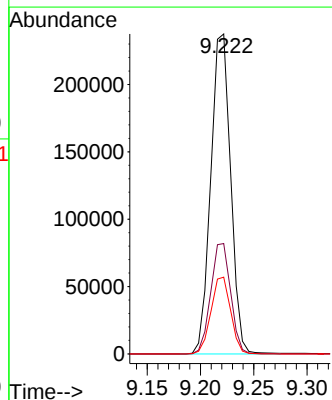
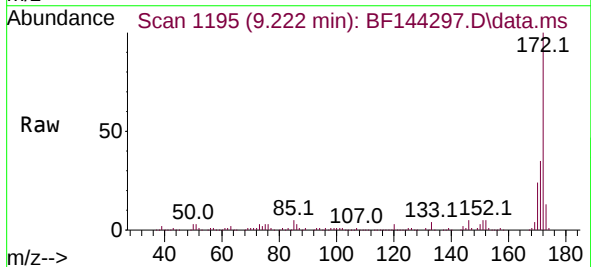


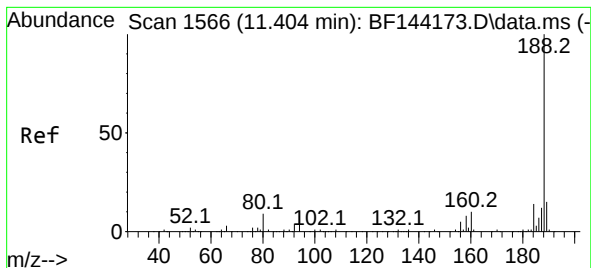
Tgt Ion: 330 Resp: 26723
Ion Ratio Lower Upper
330 100
332 95.4 76.7 115.1
141 22.6 17.8 26.8



#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





#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 :

RIGHT-SIDE-WALL

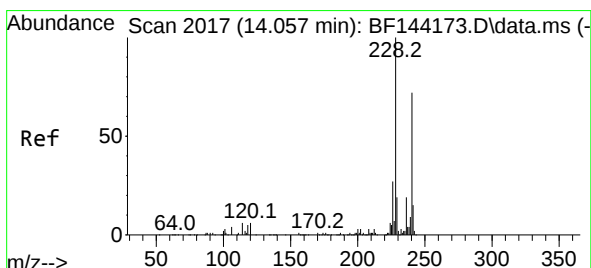
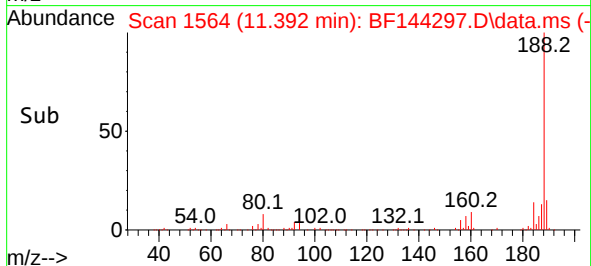
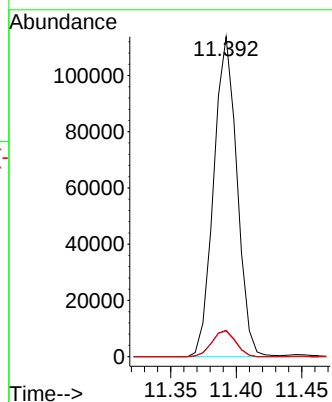
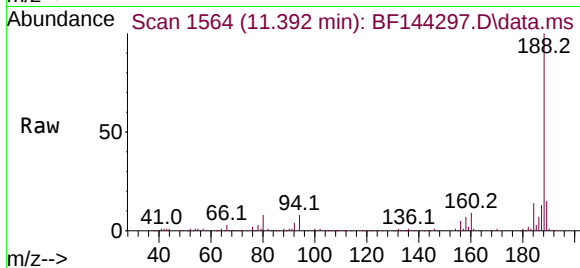
Tgt Ion:188 Resp: 140712

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

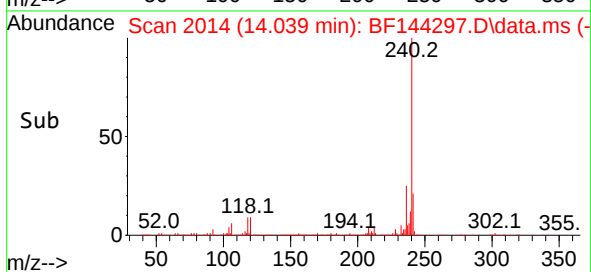
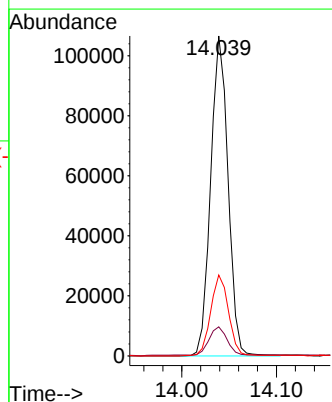
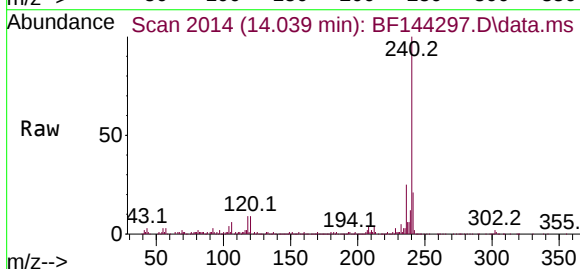
Tgt Ion:240 Resp: 136117

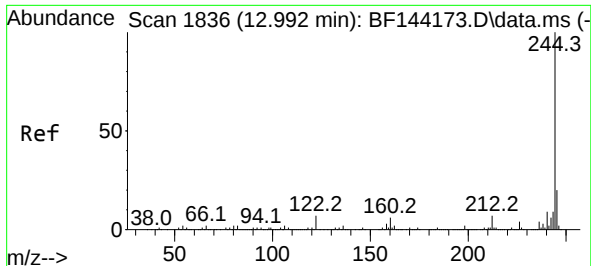
Ion Ratio Lower Upper

240 100

120 9.1 6.6 10.0

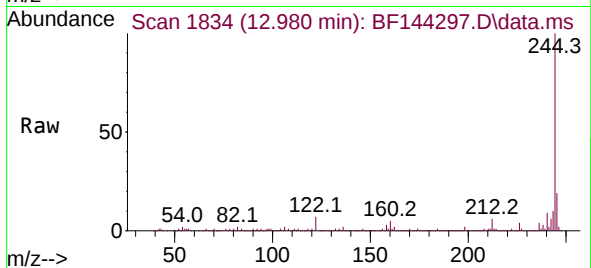
236 25.3 21.4 32.2



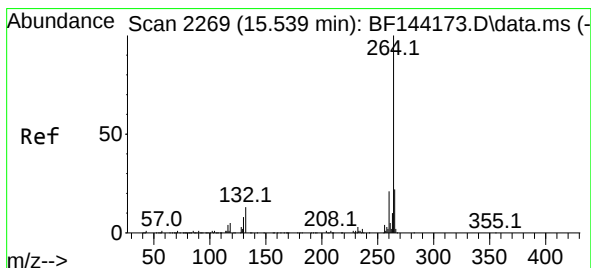
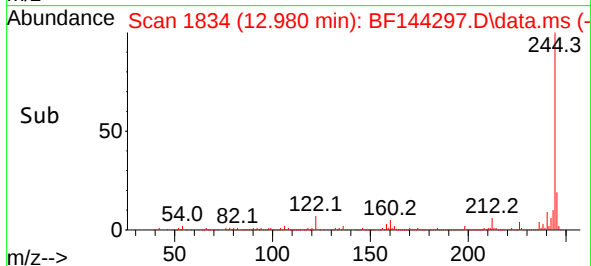
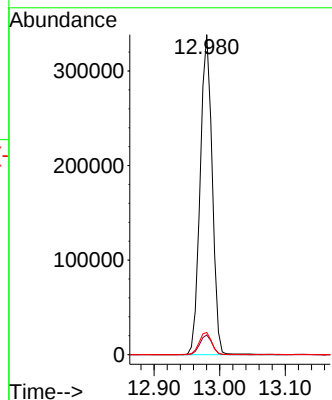


#79
 Terphenyl-d14
 Concen: 49.927 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144297.D
 Acq: 20 Nov 2025 16:28

Instrument :
 BNA_F
 ClientSampleId :
 RIGHT-SIDE-WALL



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

