

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144346.D
 Acq On : 25 Nov 2025 12:55
 Operator : RC/JU
 Sample : PB170715BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170715BL

Quant Time: Nov 25 13:14:56 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	54881	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	204730	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	115366	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	185753	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	118615	20.000	ng	#-0.01
86) Perylene-d12	15.521	264	153006	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	420331	119.853	ng	0.00
7) Phenol-d6	6.492	99	472460	118.895	ng	0.00
23) Nitrobenzene-d5	7.422	82	296461	83.633	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	157736	108.956	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	639316	81.846	ng	0.00
79) Terphenyl-d14	12.980	244	570685	76.422	ng	-0.01

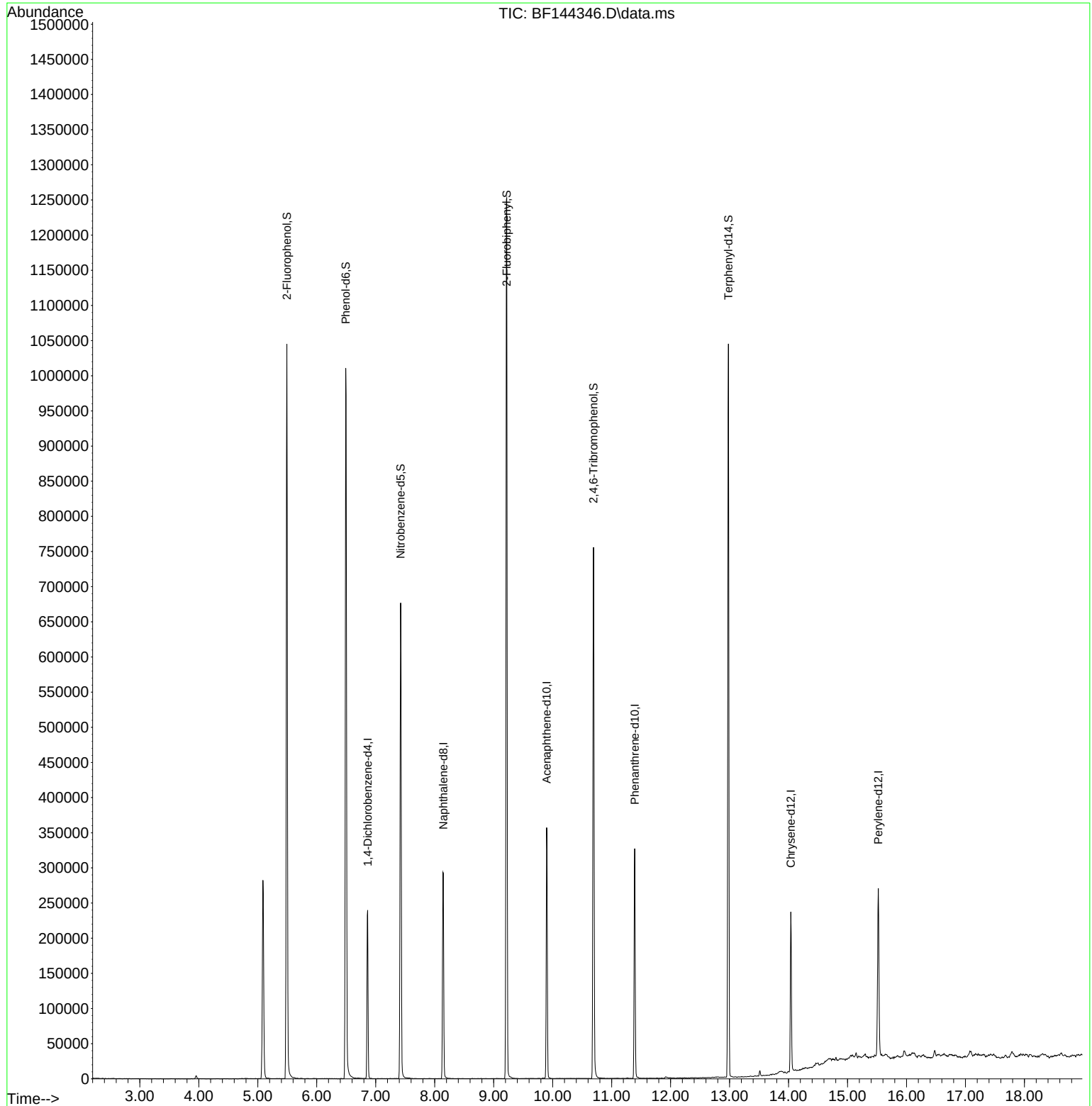
Target Compounds	Qvalue

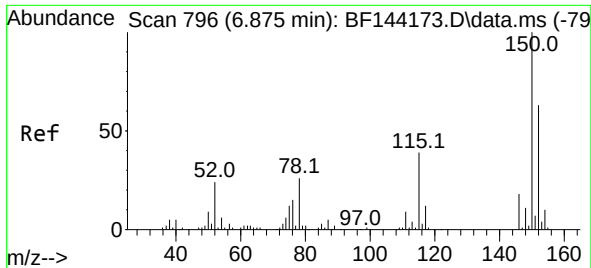
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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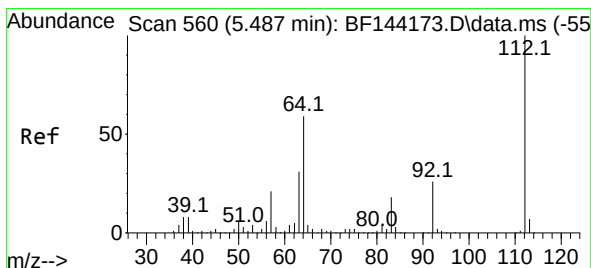
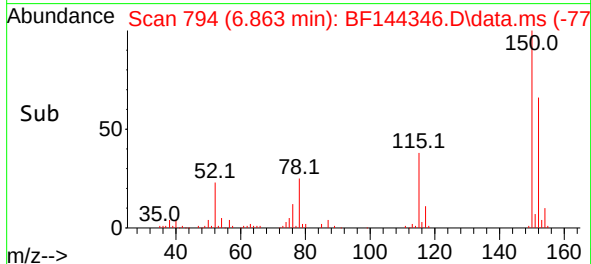
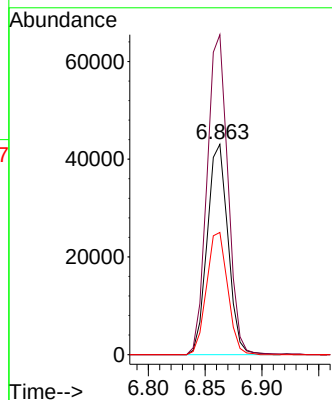
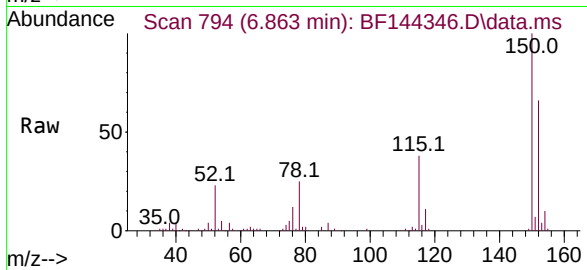




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144346.D
Acq: 25 Nov 2025 12:55

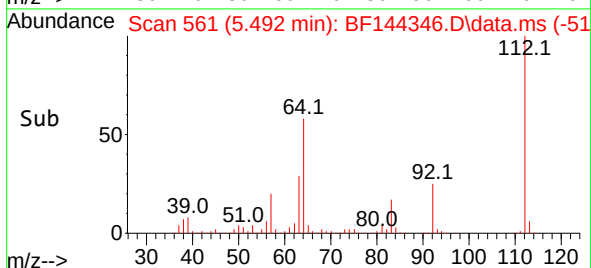
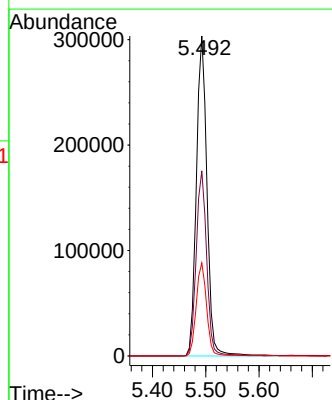
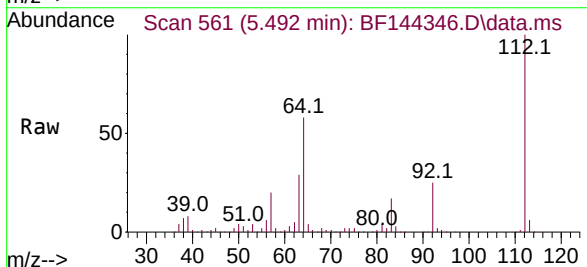
Instrument :
BNA_F
ClientSampleId :
PB170715BL

Tgt Ion:152 Resp: 54881
Ion Ratio Lower Upper
152 100
150 152.2 127.4 191.0
115 58.1 49.5 74.3



#5
2-Fluorophenol
Concen: 119.853 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144346.D
Acq: 25 Nov 2025 12:55

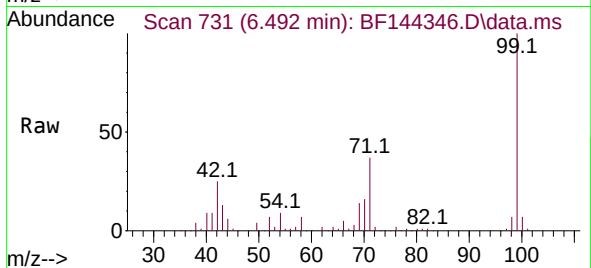
Tgt Ion:112 Resp: 420331
Ion Ratio Lower Upper
112 100
64 57.8 47.2 70.8
63 29.1 24.4 36.6



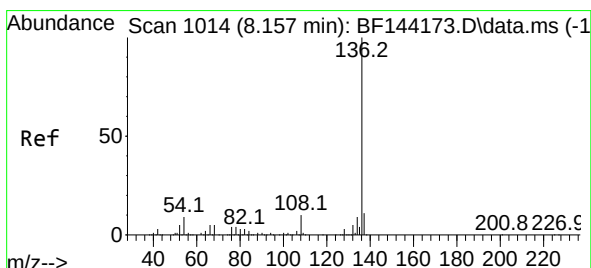
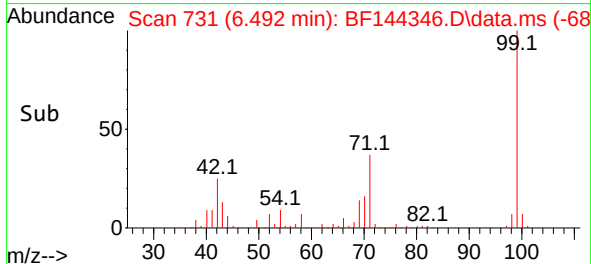
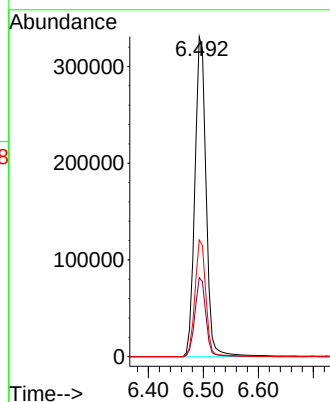


#7
Phenol-d6
Concen: 118.895 ng
RT: 6.492 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF144346.D
Acq: 25 Nov 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB170715BL

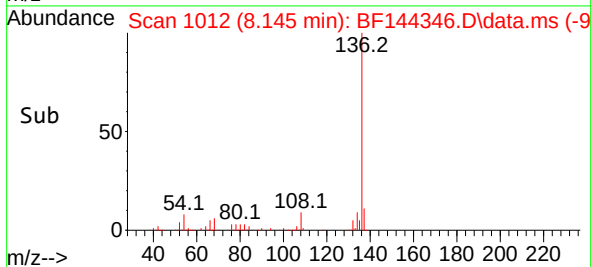
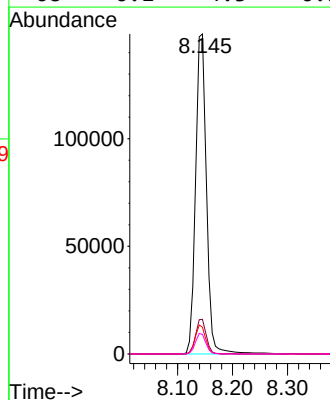
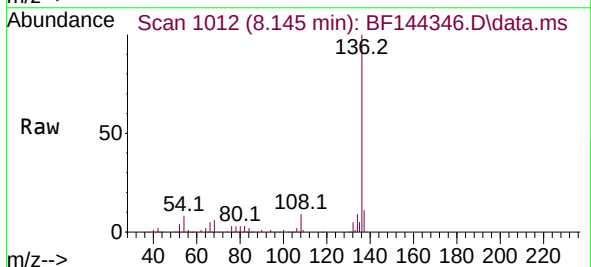


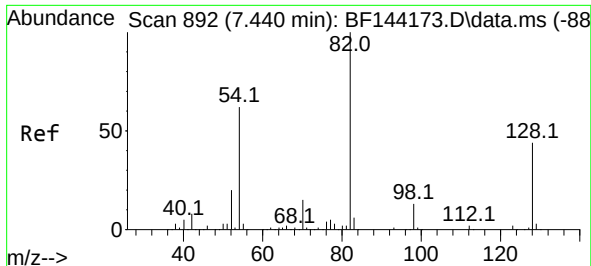
Tgt Ion:	99	Resp:	472460
Ion	Ratio	Lower	Upper
99	100		
42	24.7	20.9	31.3
71	36.5	31.4	47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144346.D
Acq: 25 Nov 2025 12:55

Tgt Ion:	136	Resp:	204730
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.3	7.0	10.6
68	6.1	4.3	6.5





#23

Nitrobenzene-d5

Concen: 83.633 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144346.D

Acq: 25 Nov 2025 12:55

Instrument :

BNA_F

ClientSampleId :

PB170715BL

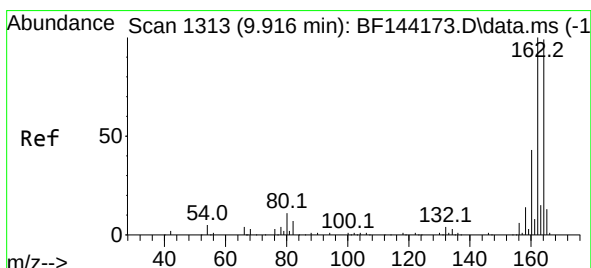
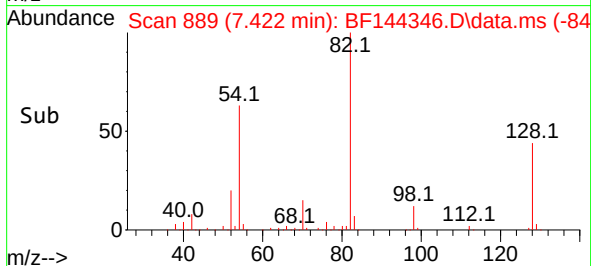
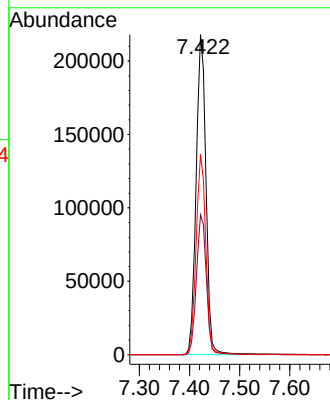
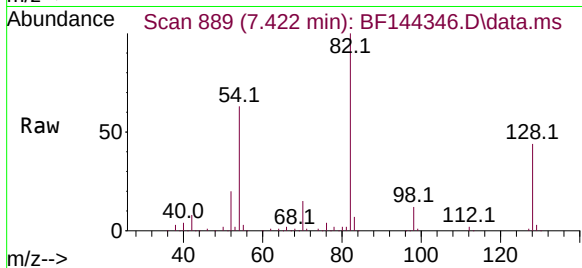
Tgt Ion: 82 Resp: 296461

Ion Ratio Lower Upper

82 100

128 43.7 34.7 52.1

54 62.6 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1310

Delta R.T. -0.018 min

Lab File: BF144346.D

Acq: 25 Nov 2025 12:55

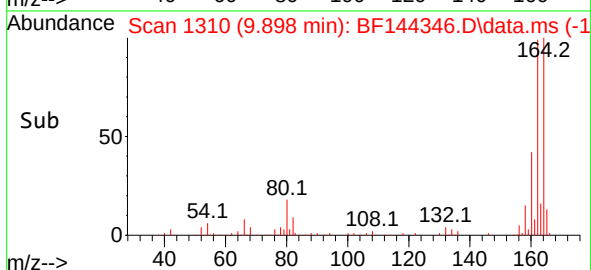
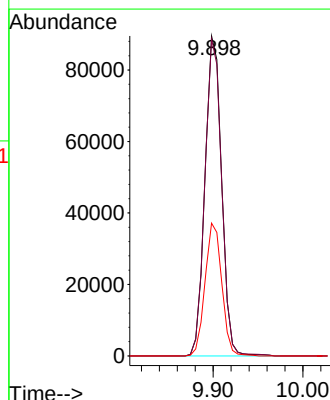
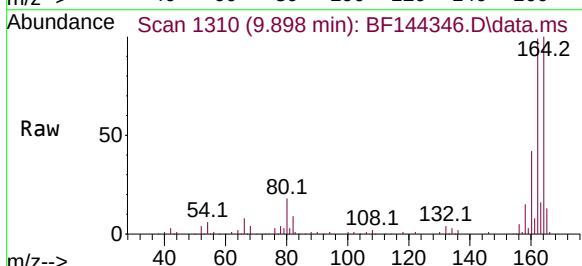
Tgt Ion:164 Resp: 115366

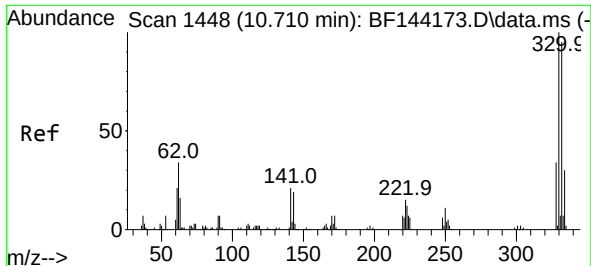
Ion Ratio Lower Upper

164 100

162 99.0 81.1 121.7

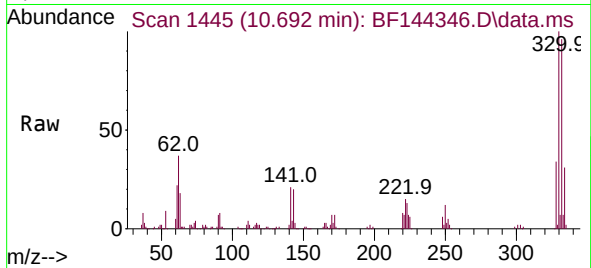
160 41.5 34.5 51.7



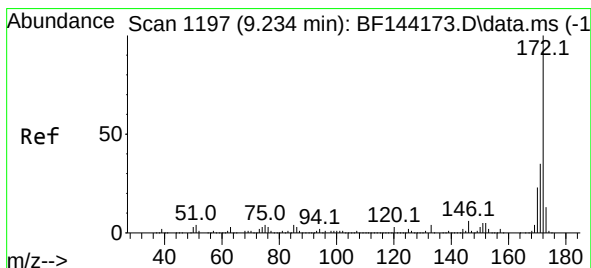
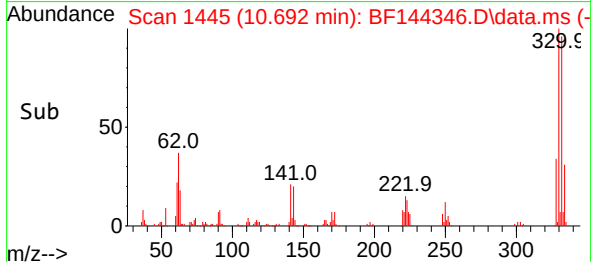
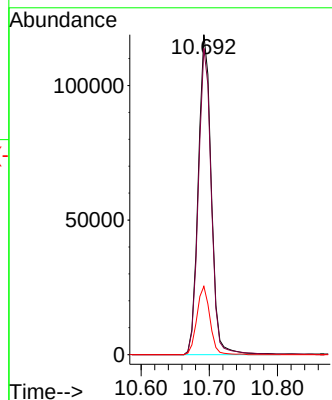


#42
2,4,6-Tribromophenol
Concen: 108.956 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144346.D
Acq: 25 Nov 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB170715BL

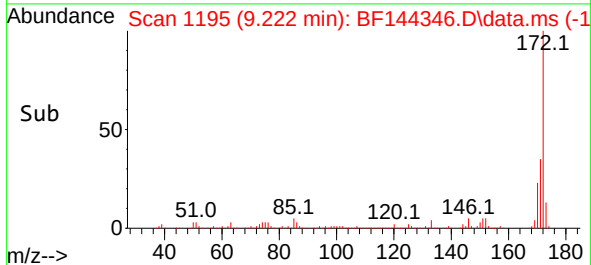
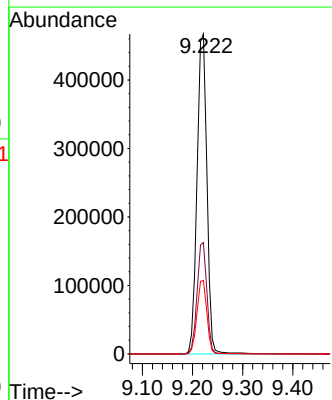
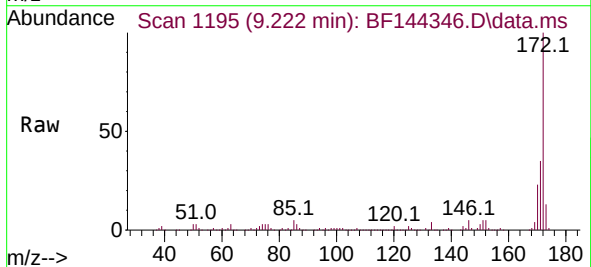


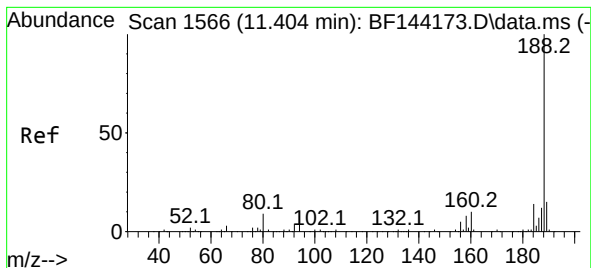
Tgt Ion:330 Resp: 157736
Ion Ratio Lower Upper
330 100
332 95.2 76.7 115.1
141 21.3 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 81.846 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144346.D
Acq: 25 Nov 2025 12:55

Tgt Ion:172 Resp: 639316
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 22.9 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: BF144346.D

Acq: 25 Nov 2025 12:55

Instrument :

BNA_F

ClientSampleId :

PB170715BL

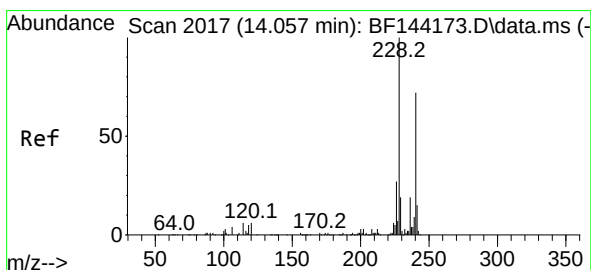
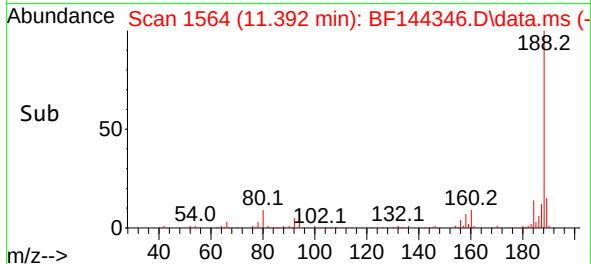
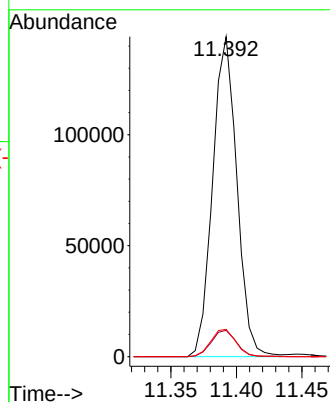
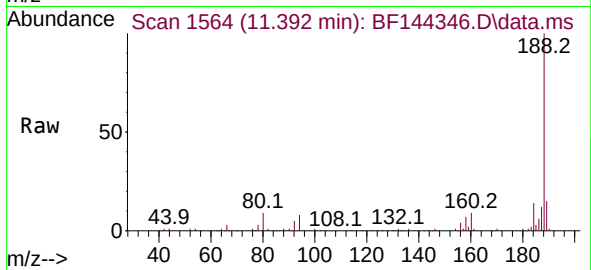
Tgt Ion:188 Resp: 185753

Ion Ratio Lower Upper

188 100

94 8.2 6.2 9.2

80 8.5 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: BF144346.D

Acq: 25 Nov 2025 12:55

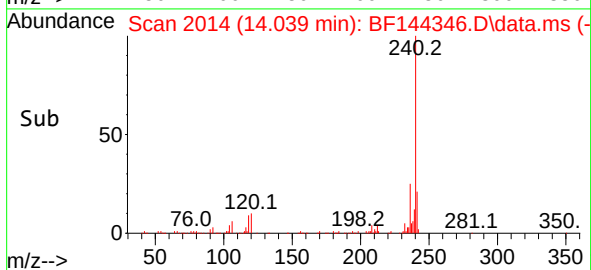
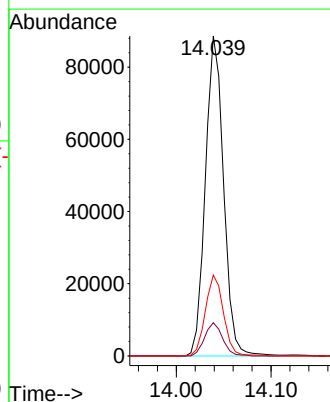
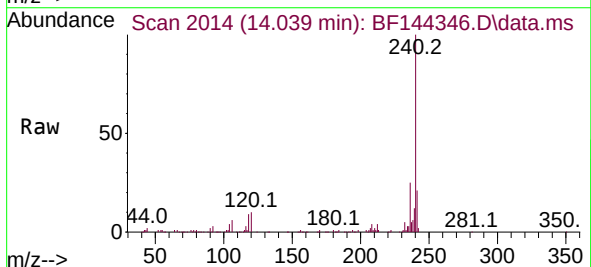
Tgt Ion:240 Resp: 118615

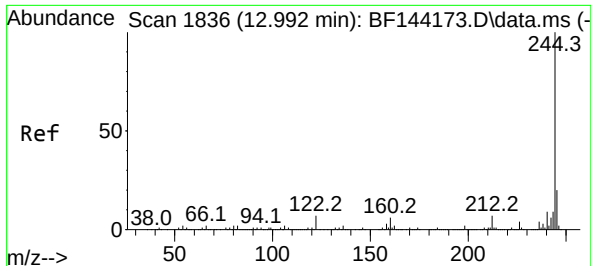
Ion Ratio Lower Upper

240 100

120 10.4 6.6 10.0#

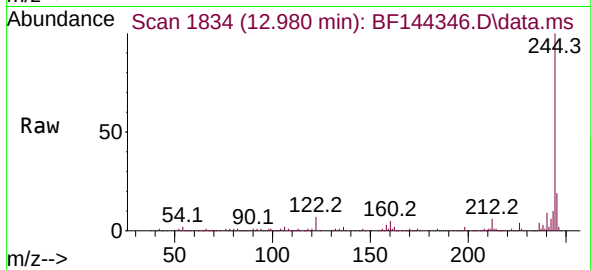
236 25.3 21.4 32.2



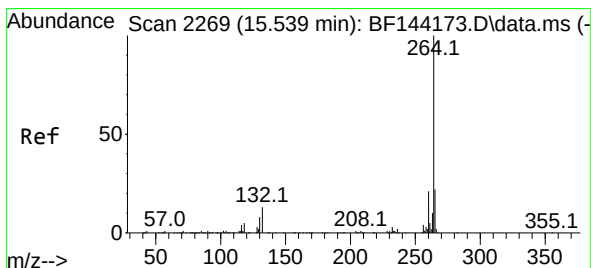
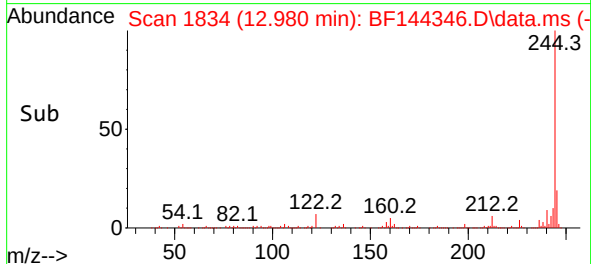
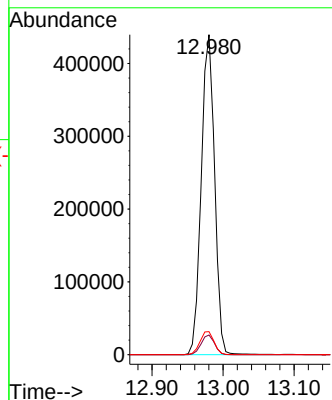


#79
 Terphenyl-d14
 Concen: 76.422 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144346.D
 Acq: 25 Nov 2025 12:55

Instrument :
 BNA_F
 ClientSampleId :
 PB170715BL



Tgt Ion:244 Resp: 570685
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.3 7.9
 122 7.2 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: BF144346.D
 Acq: 25 Nov 2025 12:55

Tgt Ion:264 Resp: 153006
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.1 25.7
 265 21.7 17.4 26.0

