

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144351.D
 Acq On : 25 Nov 2025 15:24
 Operator : RC/JU
 Sample : PB170730BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170730BL

Quant Time: Nov 25 17:03:56 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	60817	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	237169	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	123302	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	217878	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	134877	20.000	ng	#-0.01
86) Perylene-d12	15.515	264	174045	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	328611	84.554	ng	0.00
7) Phenol-d6	6.493	99	387154	87.918	ng	0.00
23) Nitrobenzene-d5	7.422	82	345743	84.195	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	100565	64.994	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	700122	83.862	ng	-0.01
79) Terphenyl-d14	12.980	244	674811	79.470	ng	-0.01

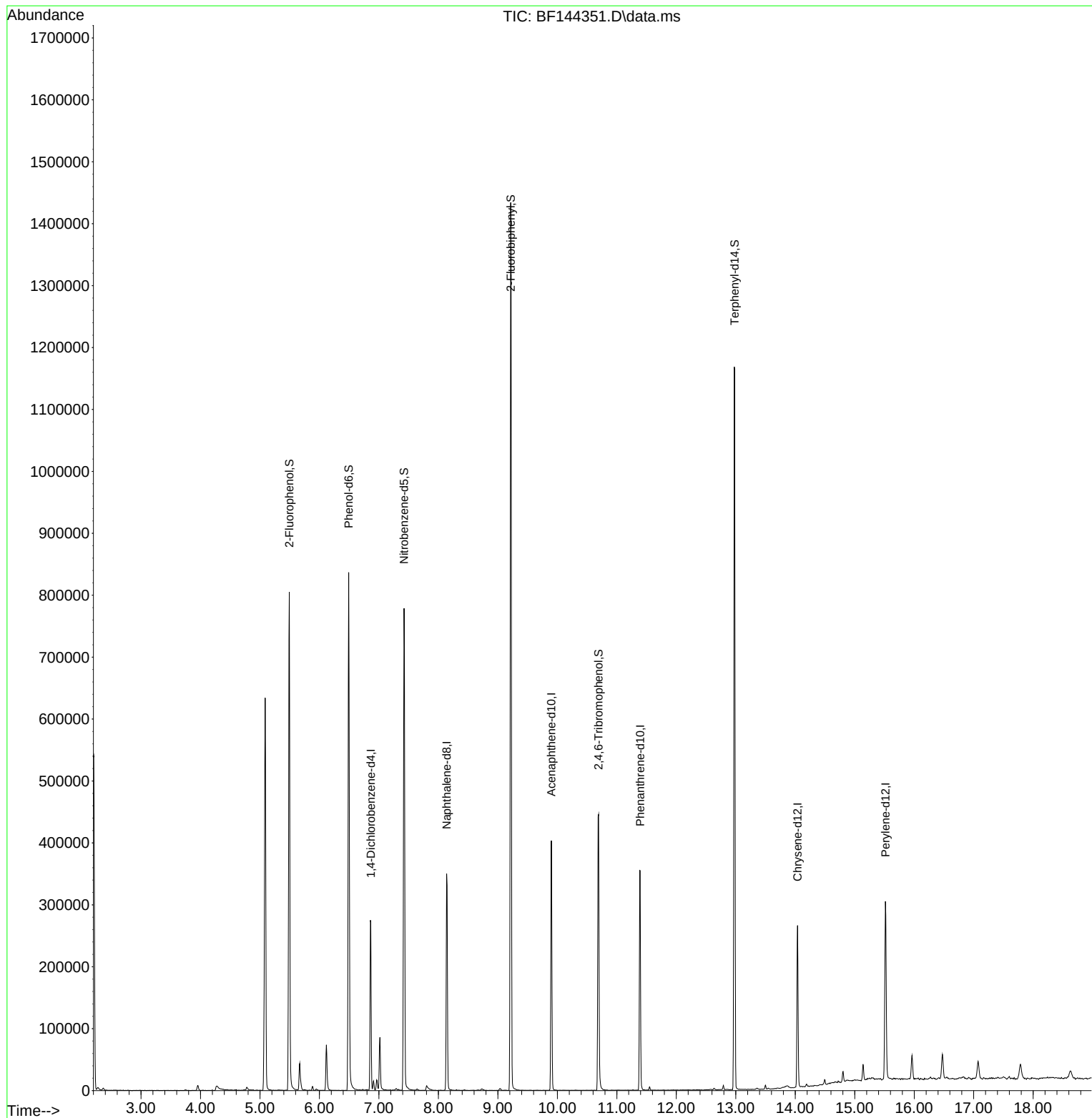
Target Compounds	Qvalue

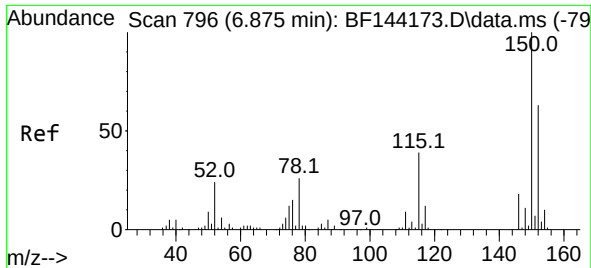
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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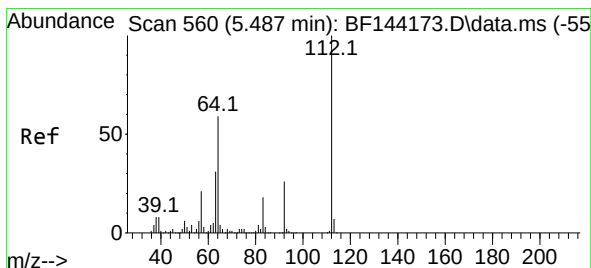
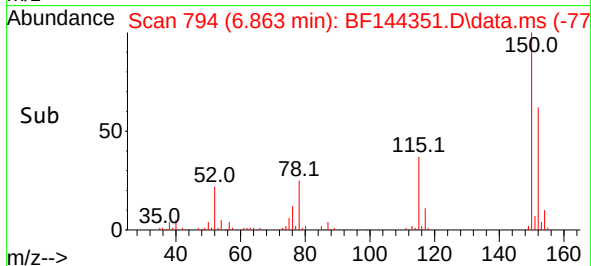
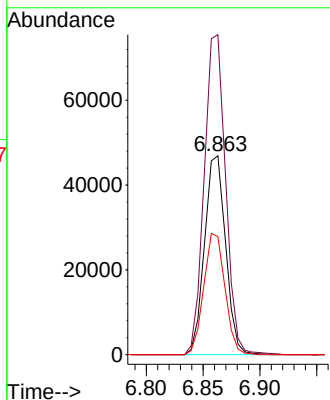
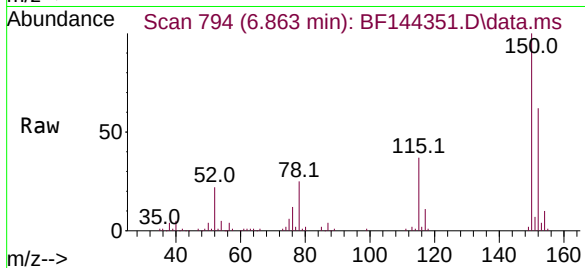




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144351.D
Acq: 25 Nov 2025 15:24

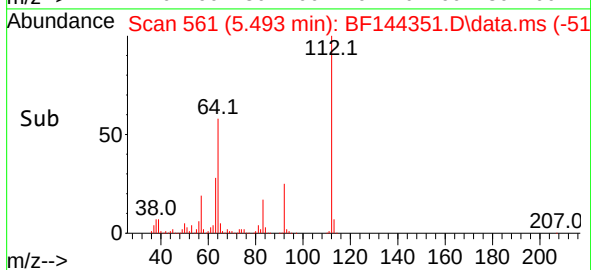
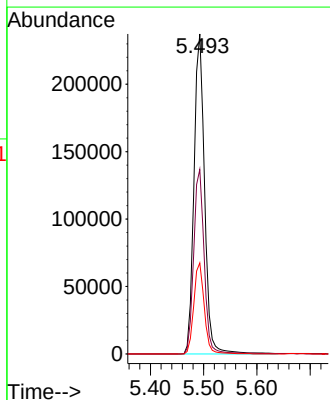
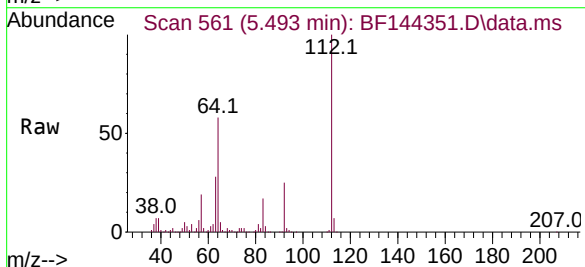
Instrument :
BNA_F
ClientSampleId :
PB170730BL

Tgt Ion:152 Resp: 60817
Ion Ratio Lower Upper
152 100
150 161.0 127.4 191.0
115 59.3 49.5 74.3



#5
2-Fluorophenol
Concen: 84.554 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144351.D
Acq: 25 Nov 2025 15:24

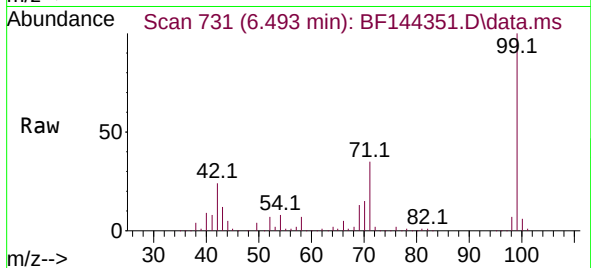
Tgt Ion:112 Resp: 328611
Ion Ratio Lower Upper
112 100
64 57.6 47.2 70.8
63 28.4 24.4 36.6





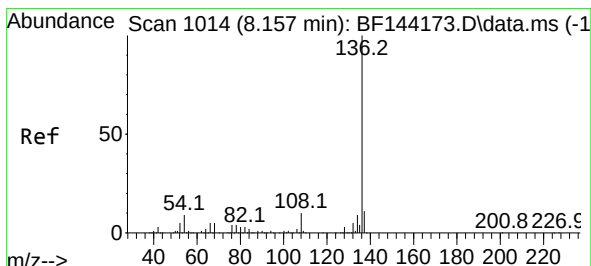
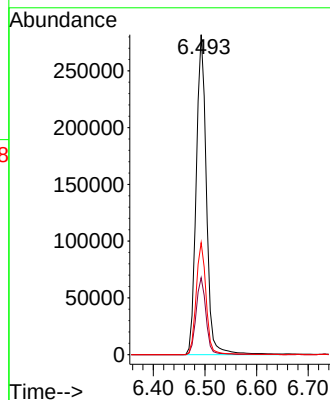
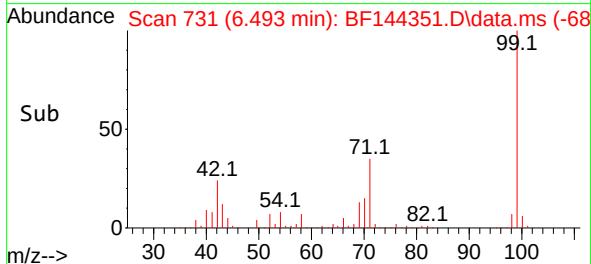
#7
Phenol-d6
Concen: 87.918 ng
RT: 6.493 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF144351.D
Acq: 25 Nov 2025 15:24

Instrument :
BNA_F
ClientSampleId :
PB170730BL

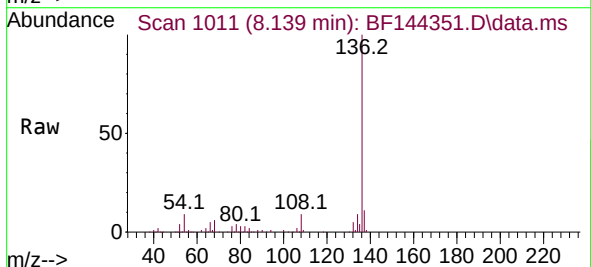


Tgt Ion: 99 Resp: 387154

Ion	Ratio	Lower	Upper
99	100		
42	24.0	20.9	31.3
71	35.0	31.4	47.2

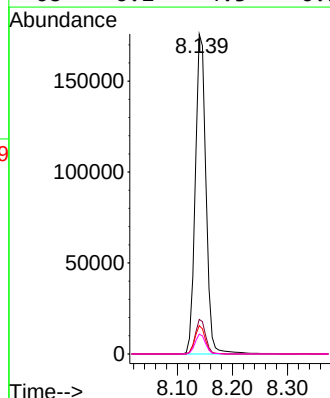
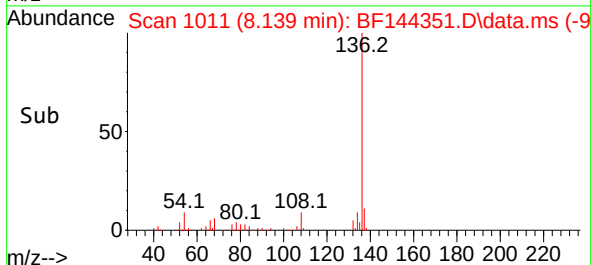


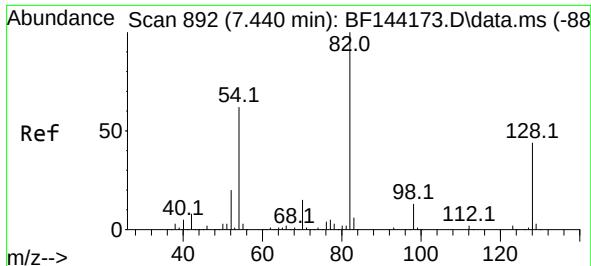
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BF144351.D
Acq: 25 Nov 2025 15:24



Tgt Ion: 136 Resp: 237169

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.8	7.0	10.6
68	6.2	4.3	6.5





#23

Nitrobenzene-d5

Concen: 84.195 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144351.D

Acq: 25 Nov 2025 15:24

Instrument :

BNA_F

ClientSampleId :

PB170730BL

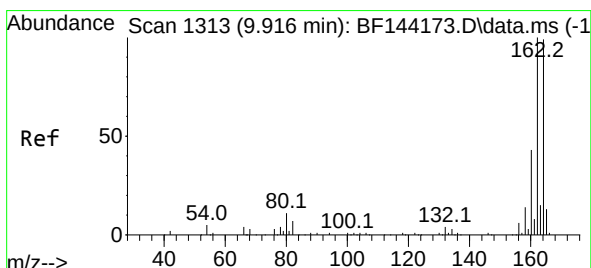
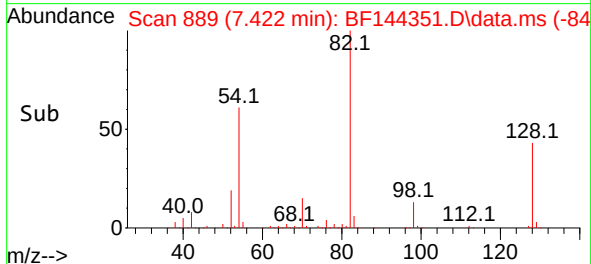
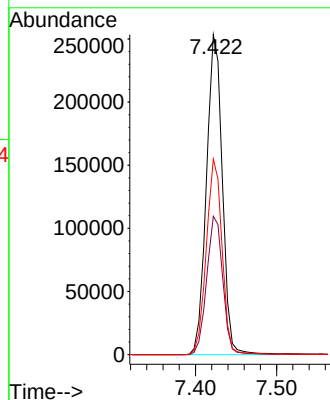
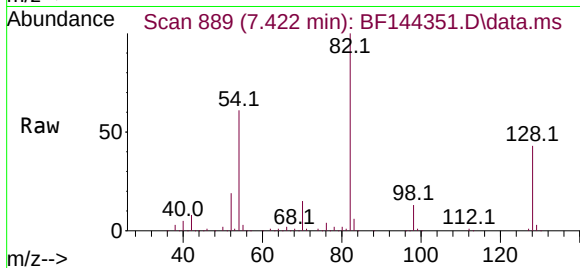
Tgt Ion: 82 Resp: 345743

Ion Ratio Lower Upper

82 100

128 43.2 34.7 52.1

54 61.1 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: BF144351.D

Acq: 25 Nov 2025 15:24

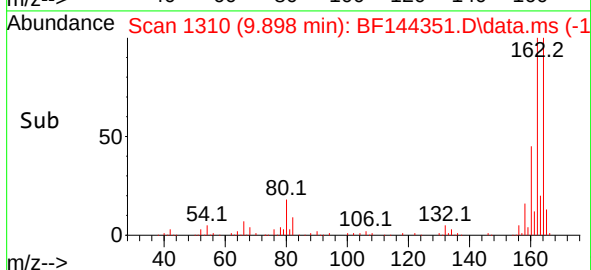
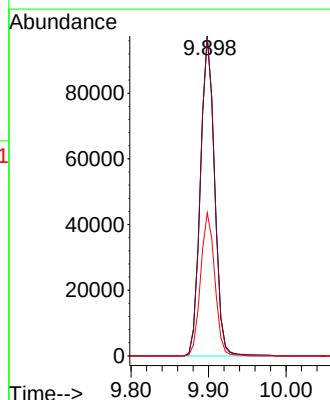
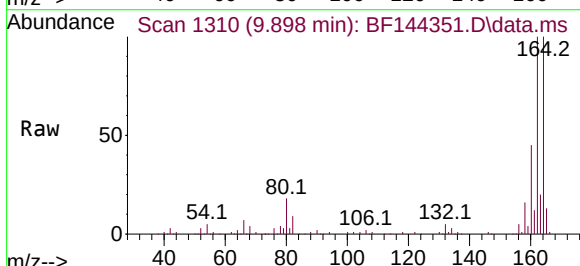
Tgt Ion:164 Resp: 123302

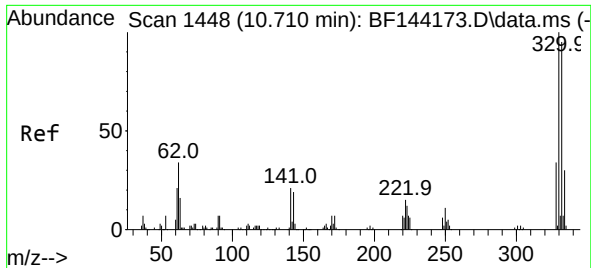
Ion Ratio Lower Upper

164 100

162 99.7 81.1 121.7

160 44.7 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 64.994 ng

RT: 10.692 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF144351.D

Acq: 25 Nov 2025 15:24

Instrument :

BNA_F

ClientSampleId :

PB170730BL

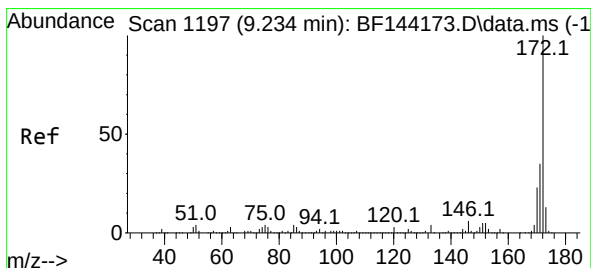
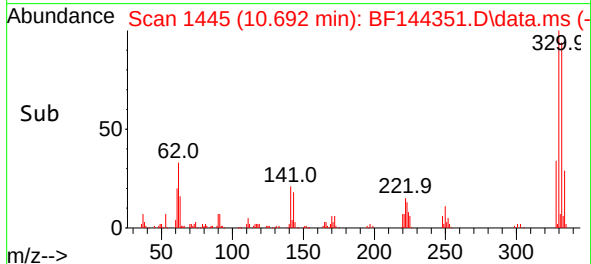
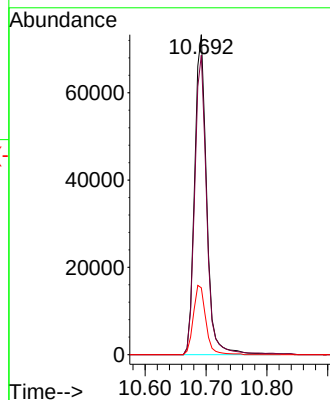
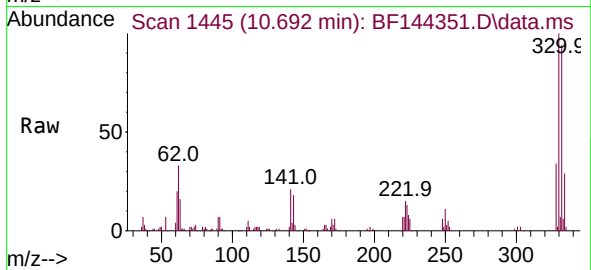
Tgt Ion:330 Resp: 100565

Ion Ratio Lower Upper

330 100

332 93.4 76.7 115.1

141 22.4 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 83.862 ng

RT: 9.216 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF144351.D

Acq: 25 Nov 2025 15:24

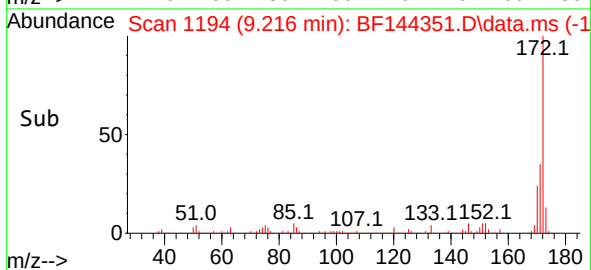
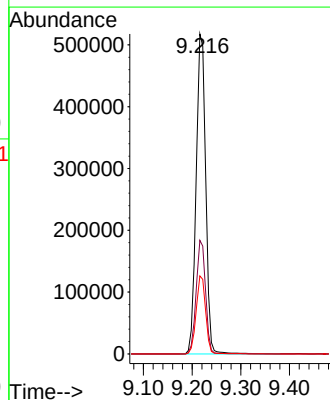
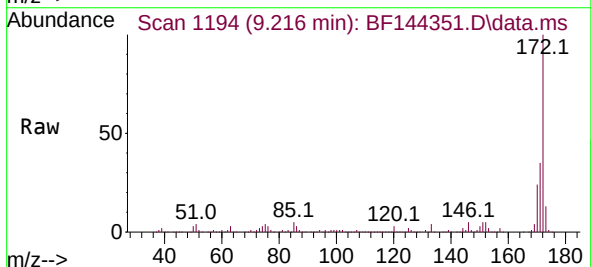
Tgt Ion:172 Resp: 700122

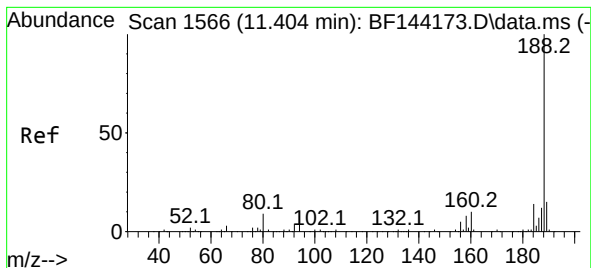
Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 24.4 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: BF144351.D

Acq: 25 Nov 2025 15:24

Instrument :

BNA_F

ClientSampleId :

PB170730BL

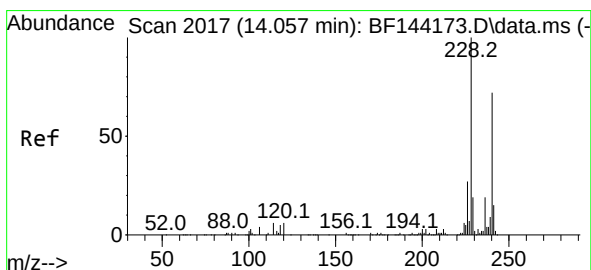
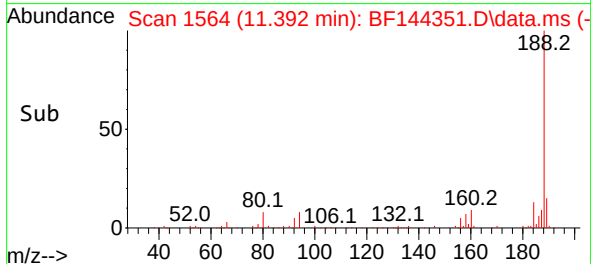
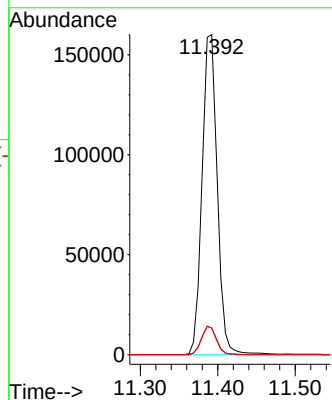
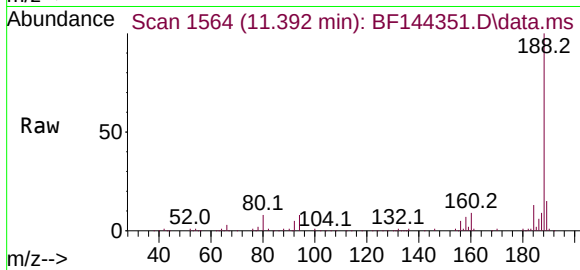
Tgt Ion:188 Resp: 217878

Ion Ratio Lower Upper

188 100

94 8.4 6.2 9.2

80 8.2 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: BF144351.D

Acq: 25 Nov 2025 15:24

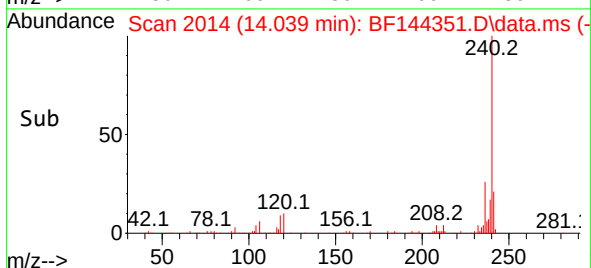
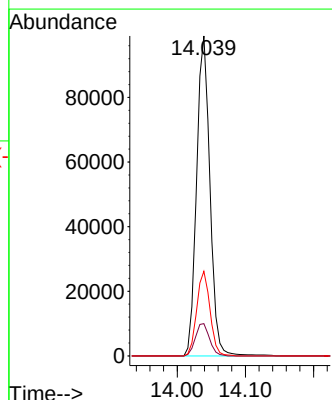
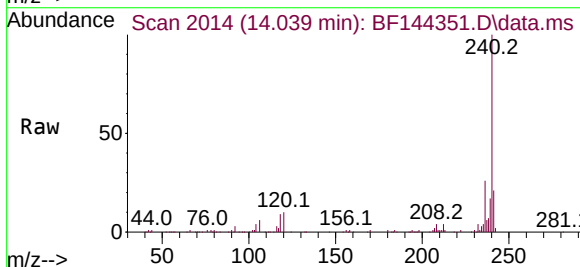
Tgt Ion:240 Resp: 134877

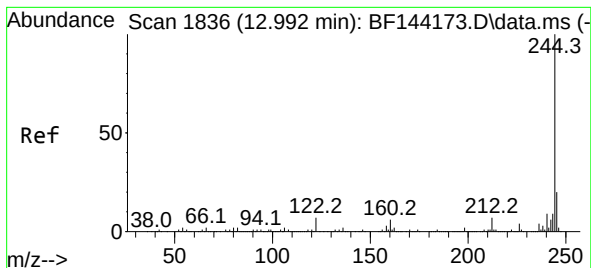
Ion Ratio Lower Upper

240 100

120 10.1 6.6 10.0#

236 26.4 21.4 32.2





#79

Terphenyl-d14

Concen: 79.470 ng

RT: 12.980 min Scan# 1834

Delta R.T. -0.012 min

Lab File: BF144351.D

Acq: 25 Nov 2025 15:24

Instrument :

BNA_F

ClientSampleId :

PB170730BL

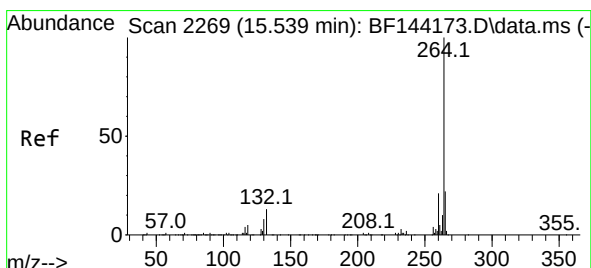
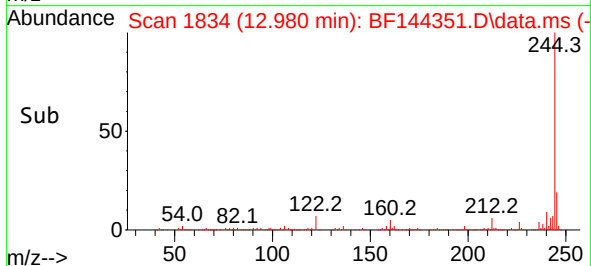
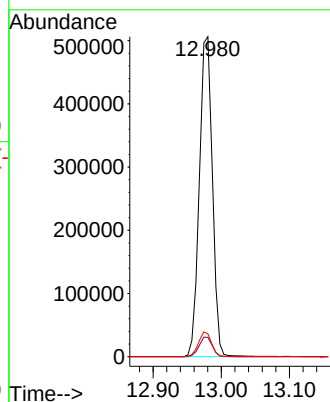
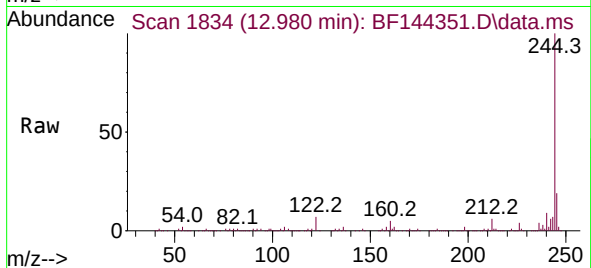
Tgt Ion:244 Resp: 674811

Ion Ratio Lower Upper

244 100

212 6.0 5.3 7.9

122 7.1 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2265

Delta R.T. -0.024 min

Lab File: BF144351.D

Acq: 25 Nov 2025 15:24

Tgt Ion:264 Resp: 174045

Ion Ratio Lower Upper

264 100

260 21.7 17.1 25.7

265 21.6 17.4 26.0

