

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144345.D
 Acq On : 25 Nov 2025 12:10
 Operator : RC/JU
 Sample : PB170694TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170694TB

Quant Time: Nov 25 12:29:47 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	54153	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	211074	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	117457	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	195814	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	130296	20.000	ng	#-0.01
86) Perylene-d12	15.521	264	159280	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	429320	124.062	ng	0.00
7) Phenol-d6	6.498	99	477564	121.795	ng	0.00
23) Nitrobenzene-d5	7.422	82	302741	82.837	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	160590	108.952	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	645962	81.225	ng	-0.01
79) Terphenyl-d14	12.980	244	621016	75.706	ng	-0.01

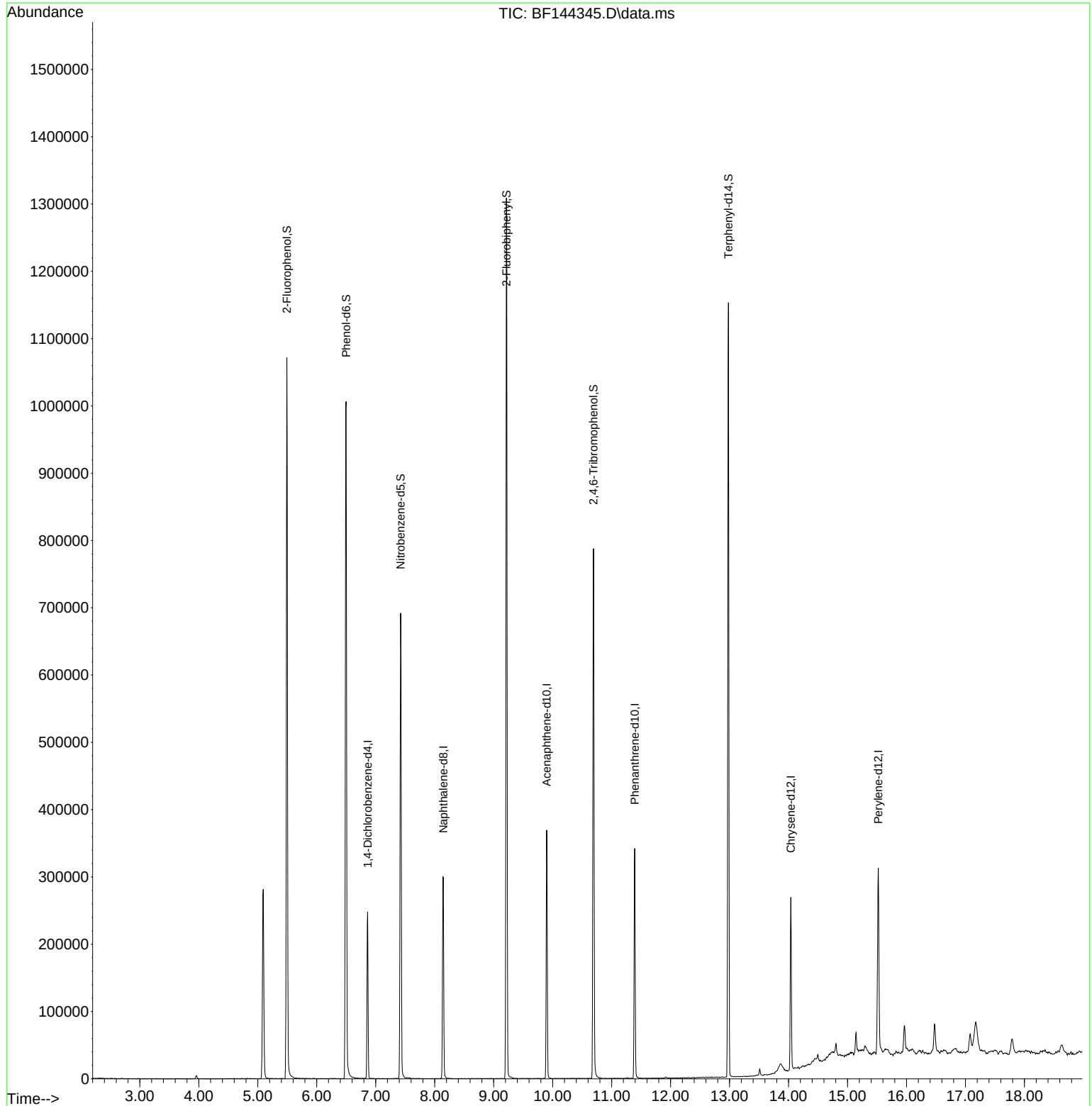
Target Compounds	Qvalue

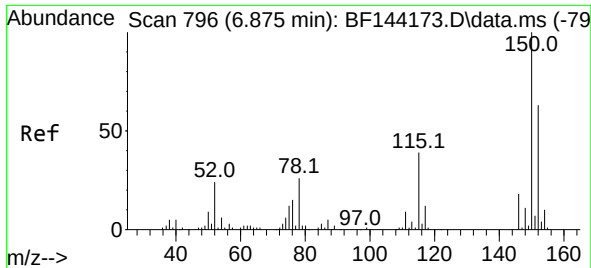
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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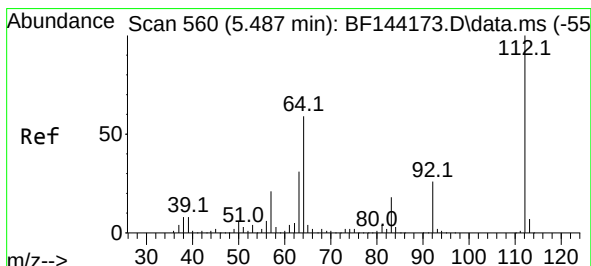
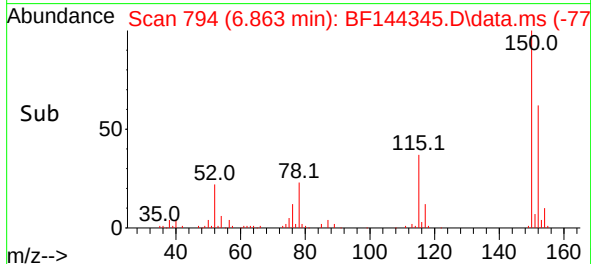
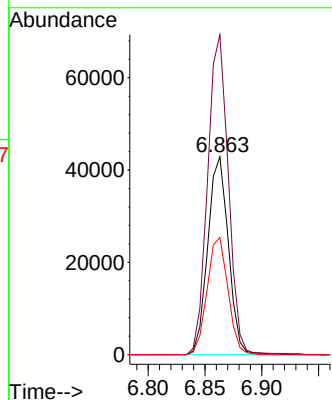
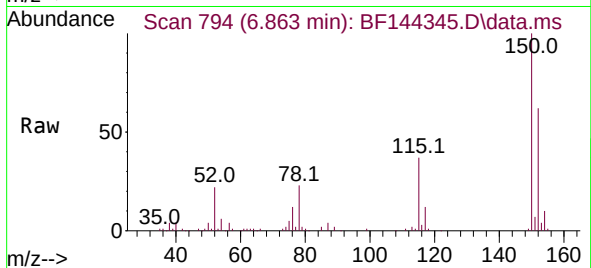




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144345.D
Acq: 25 Nov 2025 12:10

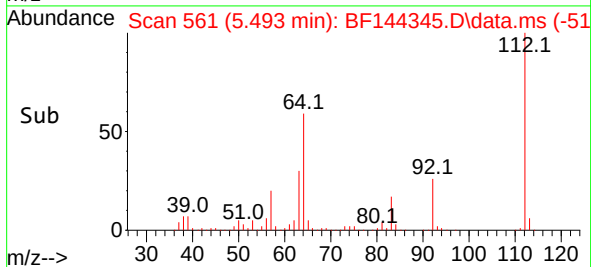
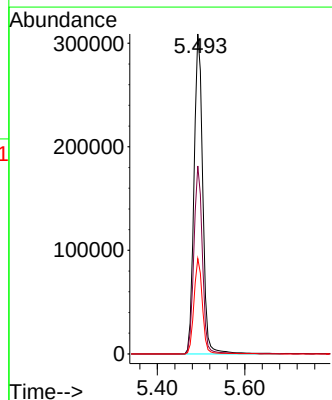
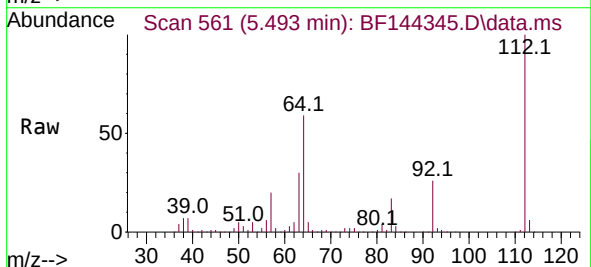
Instrument :
BNA_F
ClientSampleId :
PB170694TB

Tgt Ion:152 Resp: 54153
Ion Ratio Lower Upper
152 100
150 161.7 127.4 191.0
115 59.1 49.5 74.3



#5
2-Fluorophenol
Concen: 124.062 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144345.D
Acq: 25 Nov 2025 12:10

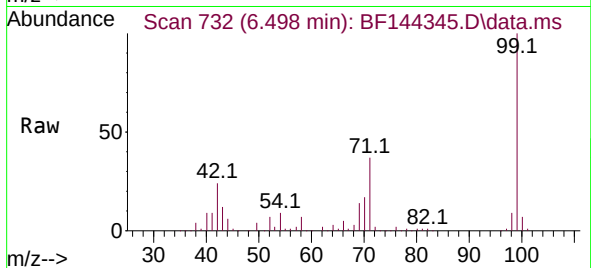
Tgt Ion:112 Resp: 429320
Ion Ratio Lower Upper
112 100
64 58.7 47.2 70.8
63 29.8 24.4 36.6



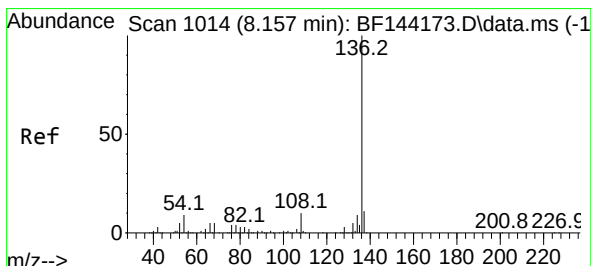
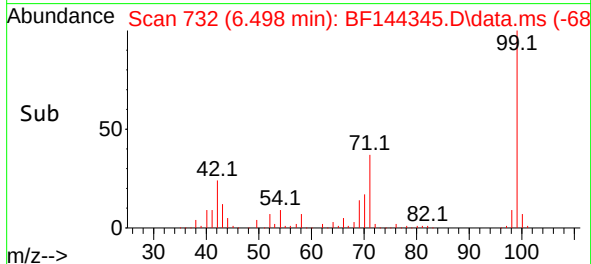
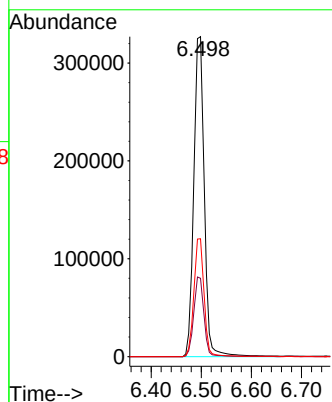


#7
Phenol-d6
Concen: 121.795 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144345.D
Acq: 25 Nov 2025 12:10

Instrument :
BNA_F
ClientSampleId :
PB170694TB

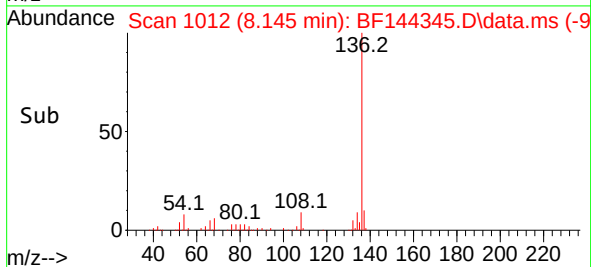
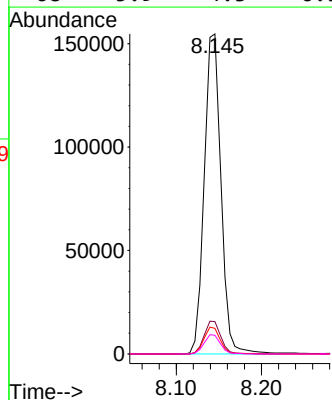
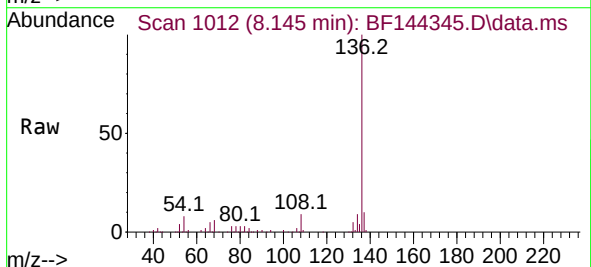


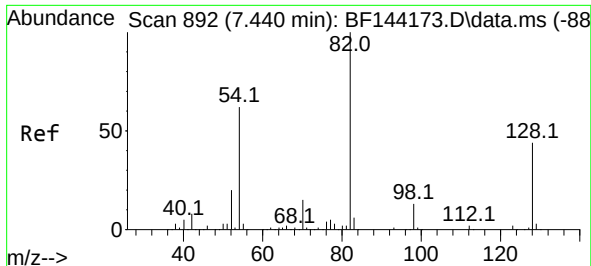
Tgt Ion	Ratio	Lower	Upper
99	100		
42	24.5	20.9	31.3
71	36.8	31.4	47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144345.D
Acq: 25 Nov 2025 12:10

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.6	13.0
54	8.0	7.0	10.6
68	5.9	4.3	6.5





#23

Nitrobenzene-d5

Concen: 82.837 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144345.D

Acq: 25 Nov 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB170694TB

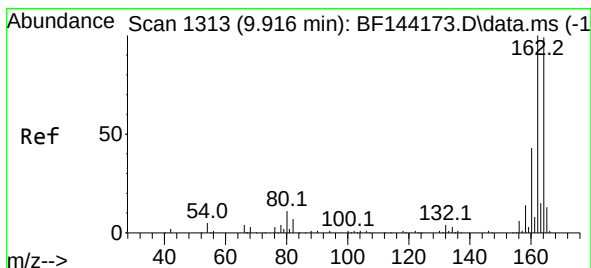
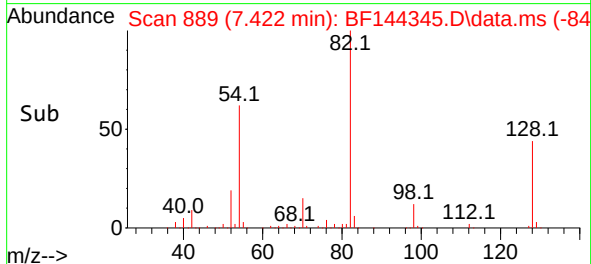
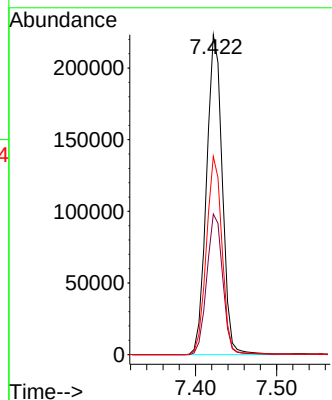
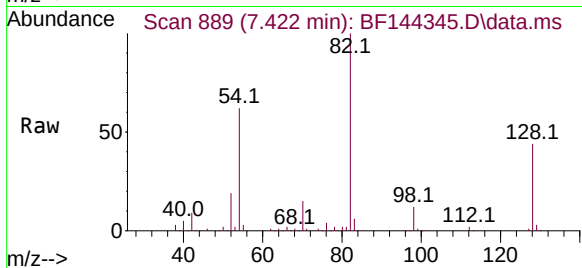
Tgt Ion: 82 Resp: 302741

Ion Ratio Lower Upper

82 100

128 43.9 34.7 52.1

54 61.9 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: BF144345.D

Acq: 25 Nov 2025 12:10

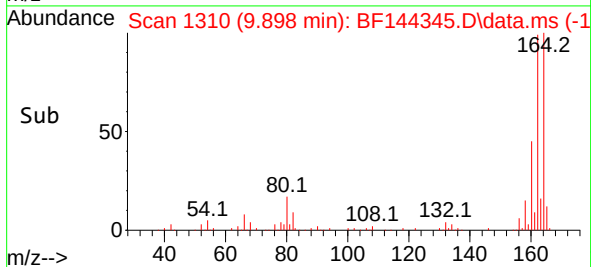
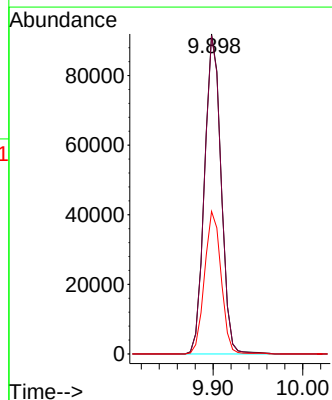
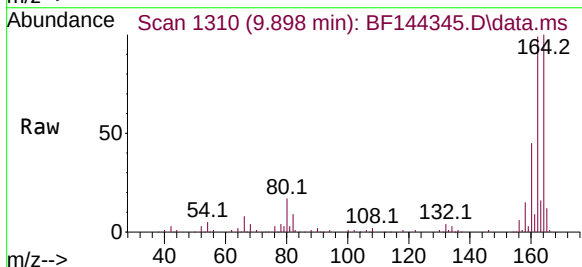
Tgt Ion:164 Resp: 117457

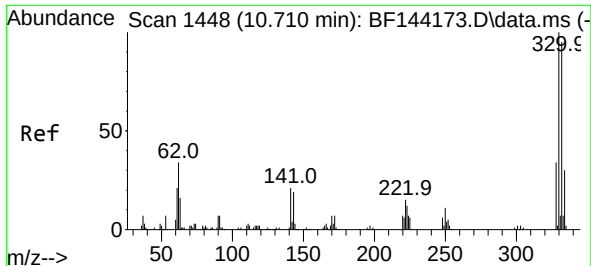
Ion Ratio Lower Upper

164 100

162 99.4 81.1 121.7

160 44.5 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 108.952 ng

RT: 10.692 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF144345.D

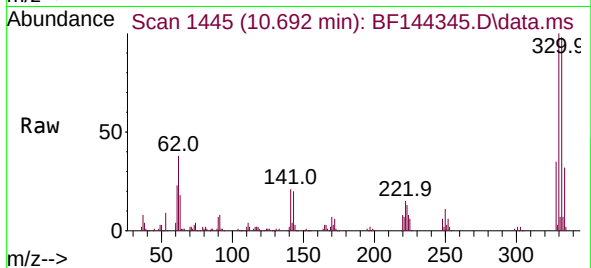
Acq: 25 Nov 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB170694TB



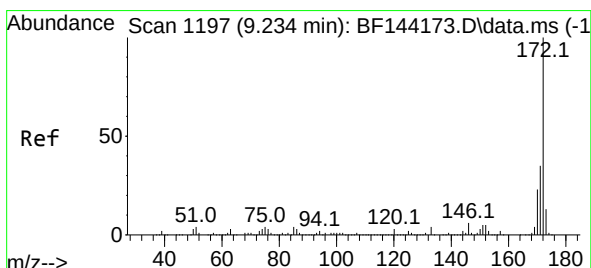
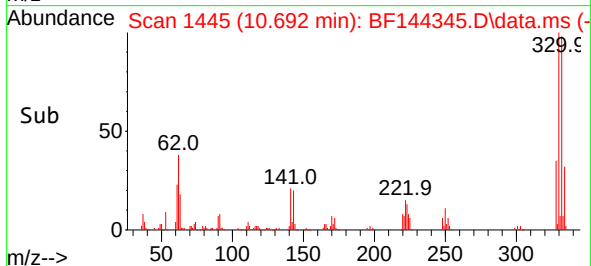
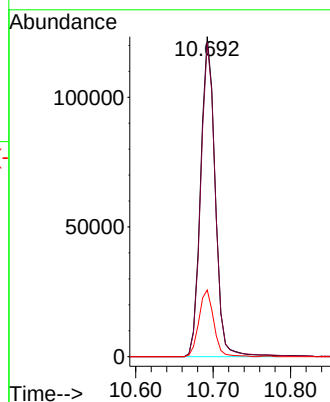
Tgt Ion:330 Resp: 160590

Ion Ratio Lower Upper

330 100

332 98.4 76.7 115.1

141 21.2 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 81.225 ng

RT: 9.216 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF144345.D

Acq: 25 Nov 2025 12:10

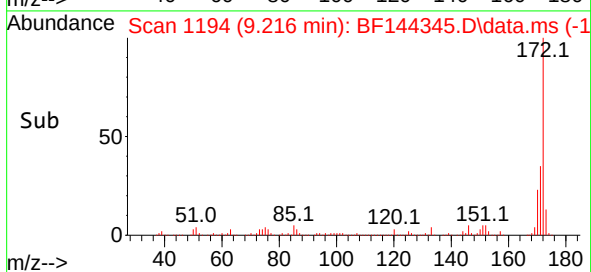
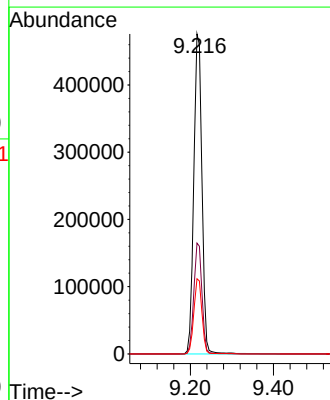
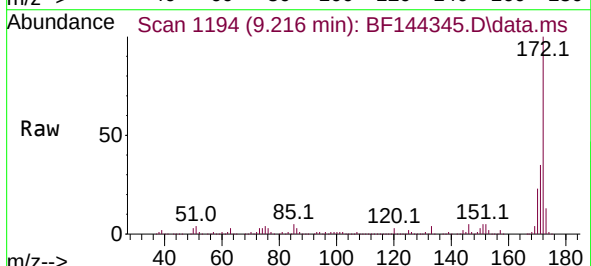
Tgt Ion:172 Resp: 645962

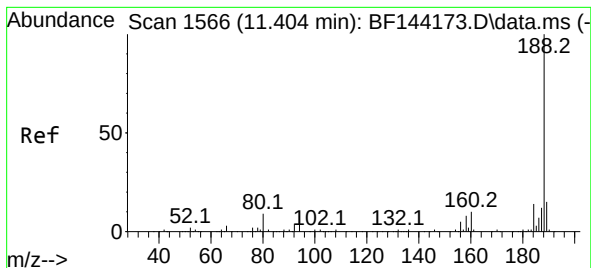
Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

170 23.5 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: BF144345.D

Acq: 25 Nov 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB170694TB

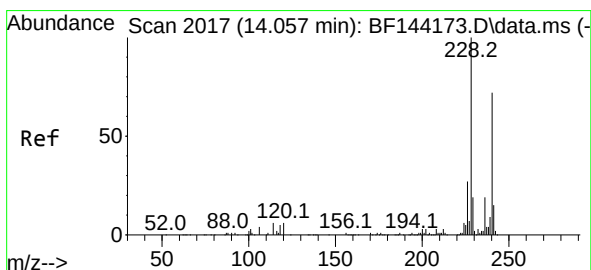
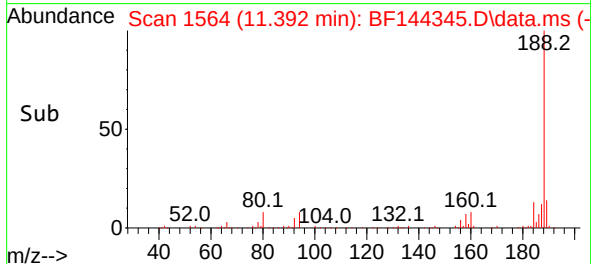
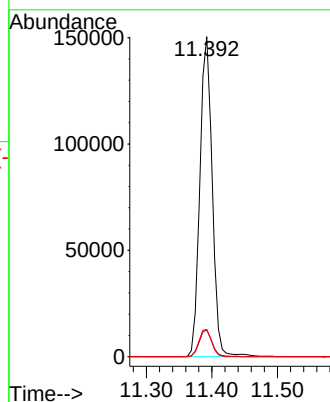
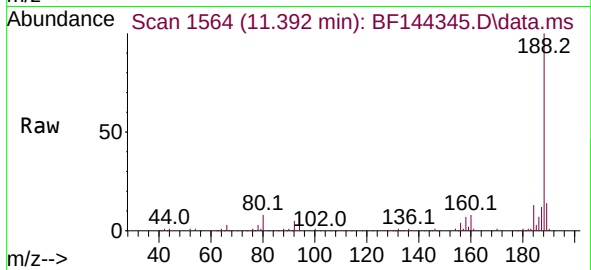
Tgt Ion:188 Resp: 195814

Ion Ratio Lower Upper

188 100

94 8.3 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: BF144345.D

Acq: 25 Nov 2025 12:10

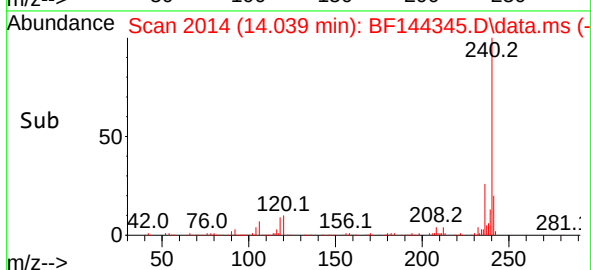
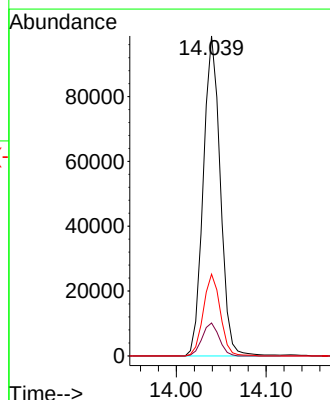
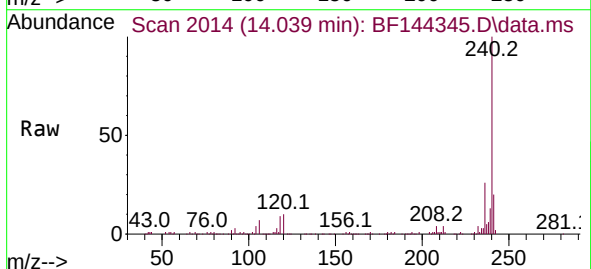
Tgt Ion:240 Resp: 130296

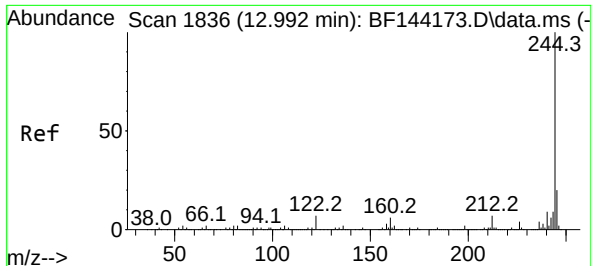
Ion Ratio Lower Upper

240 100

120 10.3 6.6 10.0#

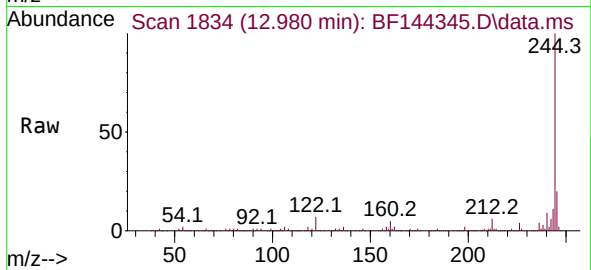
236 25.5 21.4 32.2



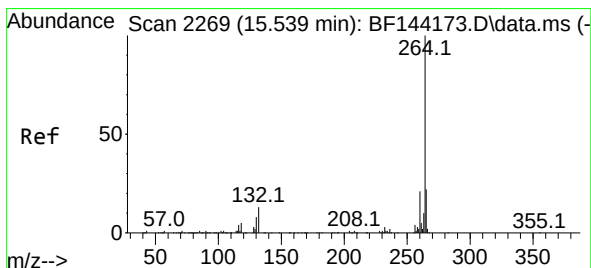
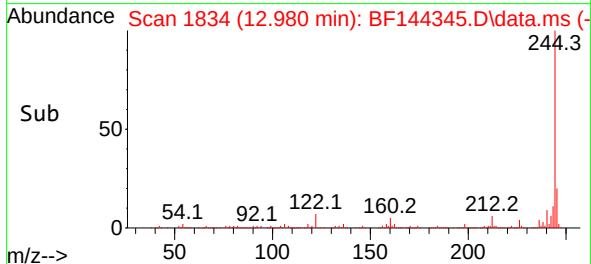
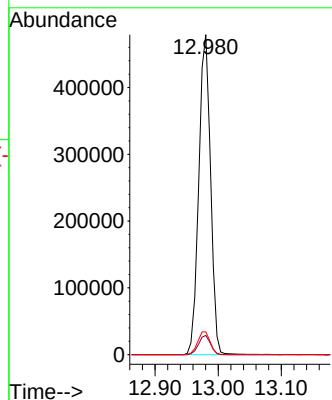


#79
 Terphenyl-d14
 Concen: 75.706 ng
 RT: 12.980 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF144345.D
 Acq: 25 Nov 2025 12:10

Instrument :
 BNA_F
 ClientSampleId :
 PB170694TB



Tgt Ion:244 Resp: 621016
 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: 15.521 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF144345.D
 Acq: 25 Nov 2025 12:10

Tgt Ion:264 Resp: 159280
 Ion Ratio Lower Upper
 264 100
 260 21.1 17.1 25.7
 265 21.5 17.4 26.0

