

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
 Data File : BF144322.D
 Acq On : 24 Nov 2025 14:10
 Operator : RC/JU
 Sample : PB170706BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170706BL

Quant Time: Nov 25 00:22:16 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	61374	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	237909	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	138389	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	239015	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	148278	20.000	ng	#-0.01
86) Perylene-d12	15.521	264	175926	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	471294	120.167	ng	0.00
7) Phenol-d6	6.498	99	539740	121.456	ng	0.00
23) Nitrobenzene-d5	7.422	82	345831	83.954	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	222480	128.111	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	758501	80.950	ng	0.00
79) Terphenyl-d14	12.980	244	838555	89.829	ng	-0.01

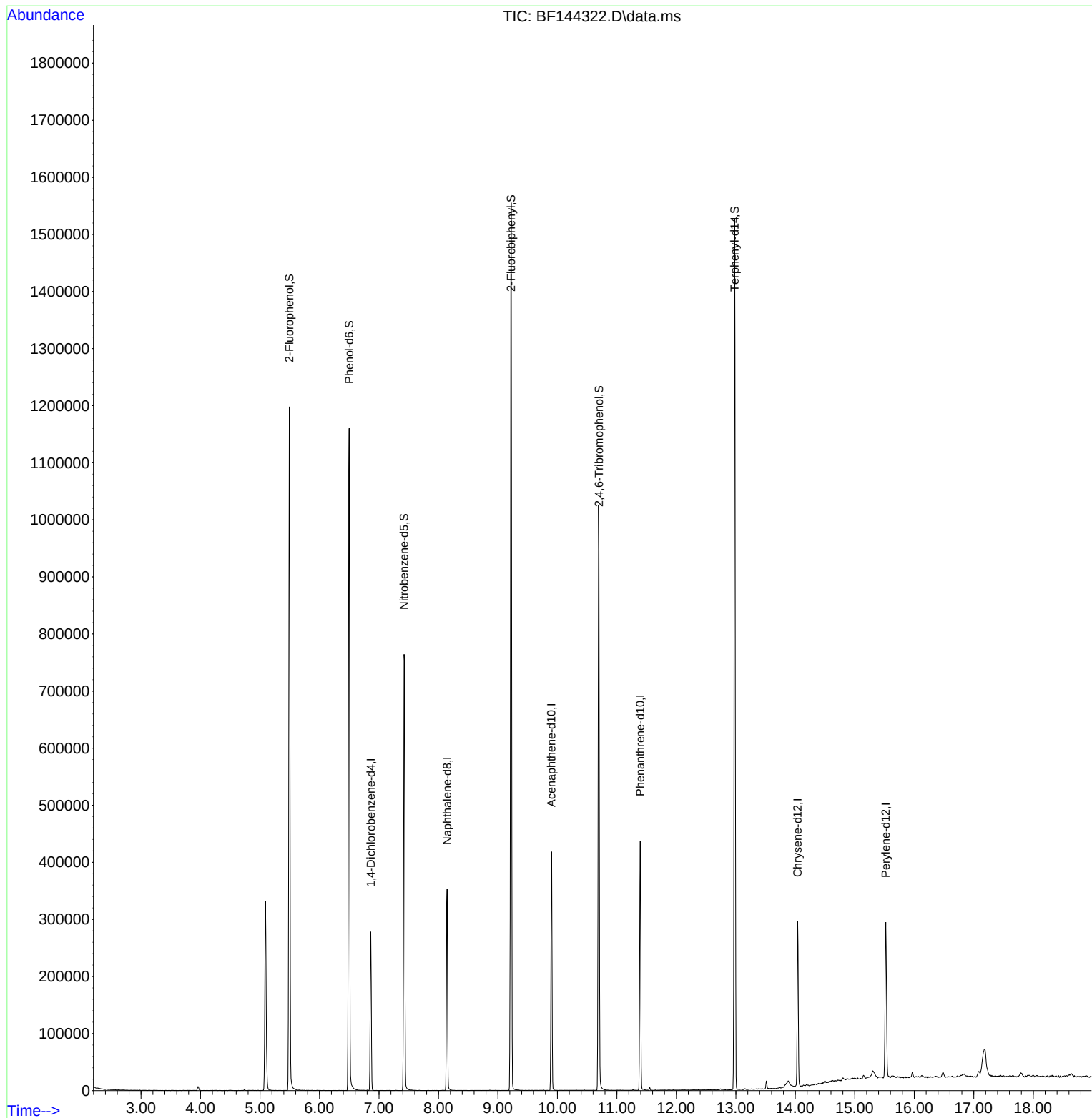
Target Compounds	Qvalue

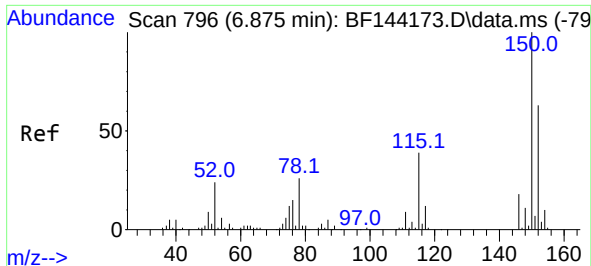
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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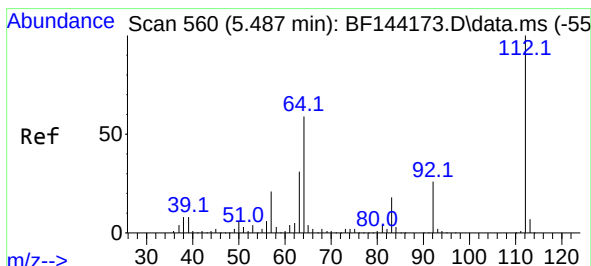
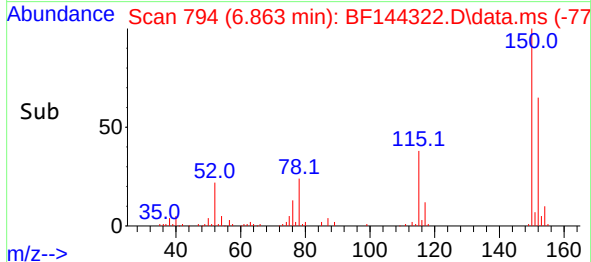
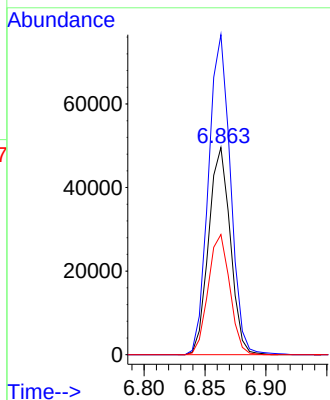
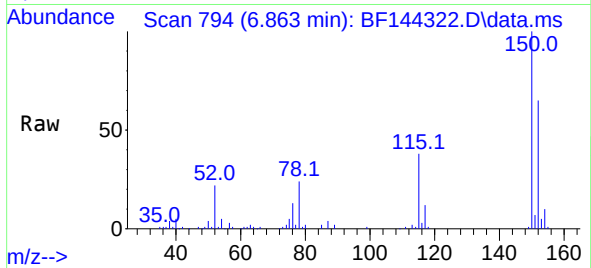




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 794
Delta R.T. -0.012 min
Lab File: BF144322.D
Acq: 24 Nov 2025 14:10

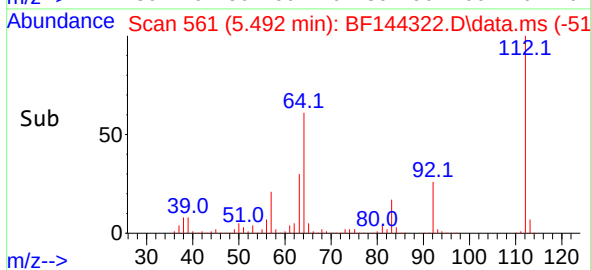
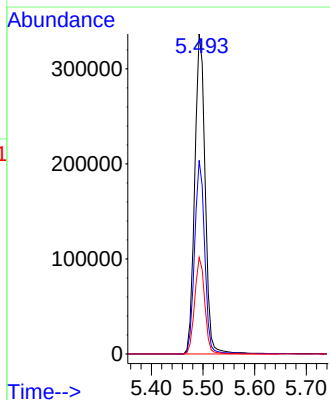
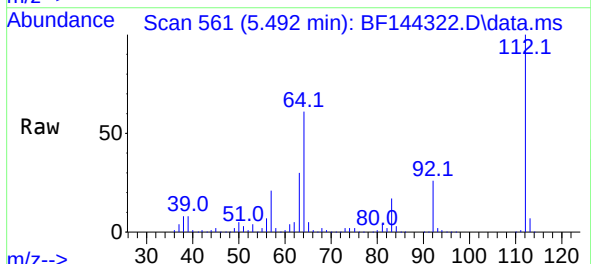
Instrument :
BNA_F
ClientSampleId :
PB170706BL

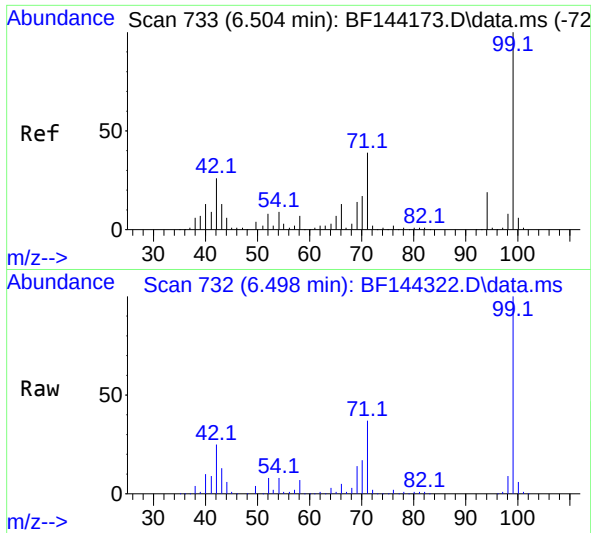
Tgt Ion:152 Resp: 61374
Ion Ratio Lower Upper
152 100
150 154.4 127.4 191.0
115 57.9 49.5 74.3



#5
2-Fluorophenol
Concen: 120.167 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144322.D
Acq: 24 Nov 2025 14:10

Tgt Ion:112 Resp: 471294
Ion Ratio Lower Upper
112 100
64 60.5 47.2 70.8
63 30.1 24.4 36.6





#7

Phenol-d6

Concen: 121.456 ng

RT: 6.498 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF144322.D

Acq: 24 Nov 2025 14:10

Instrument :

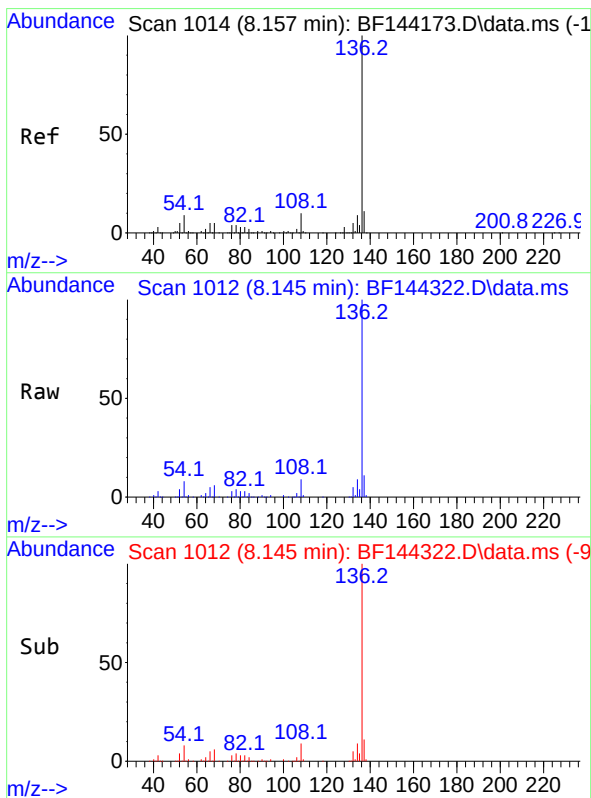
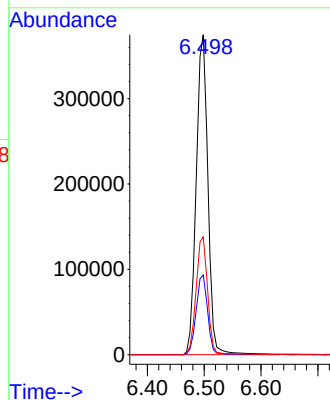
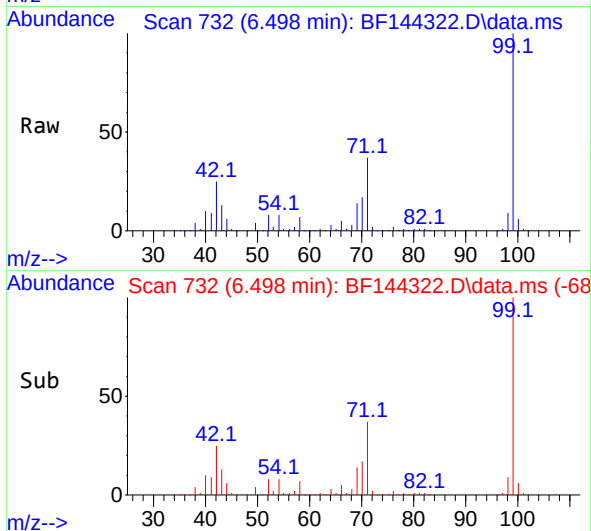
BNA_F

ClientSampleId :

PB170706BL

Tgt Ion: 99 Resp: 539740

Ion	Ratio	Lower	Upper
99	100		
42	24.9	20.9	31.3
71	36.8	31.4	47.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1012

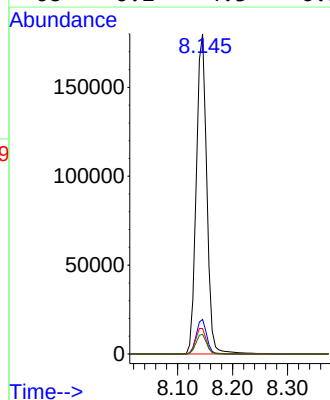
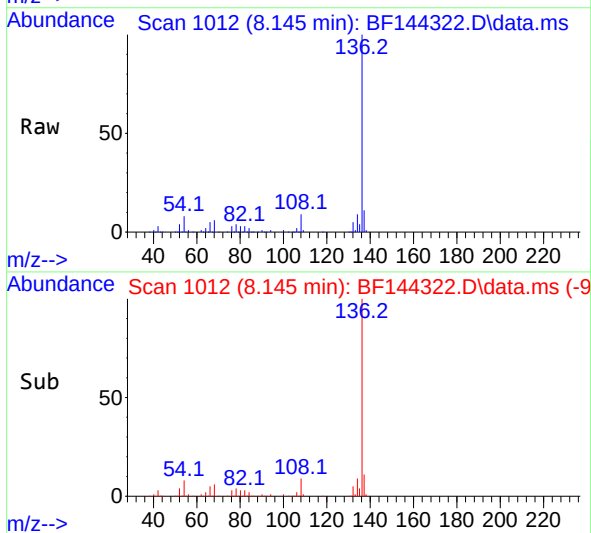
Delta R.T. -0.012 min

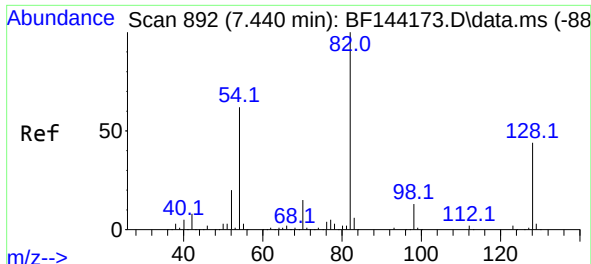
Lab File: BF144322.D

Acq: 24 Nov 2025 14:10

Tgt Ion: 136 Resp: 237909

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.0	7.0	10.6
68	6.2	4.3	6.5

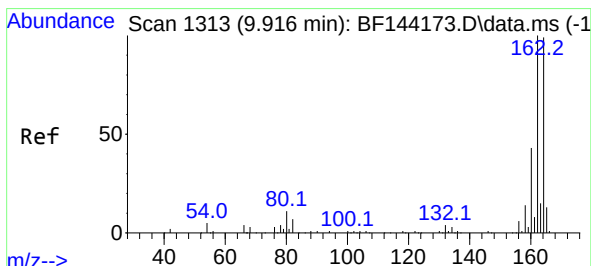
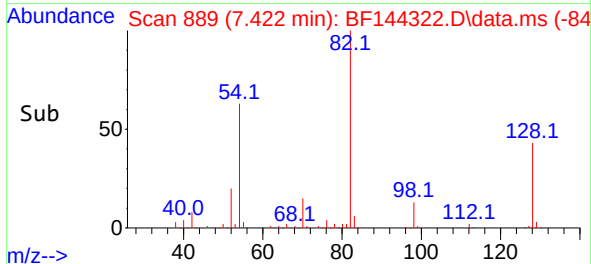
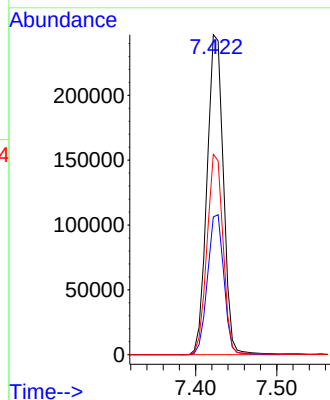
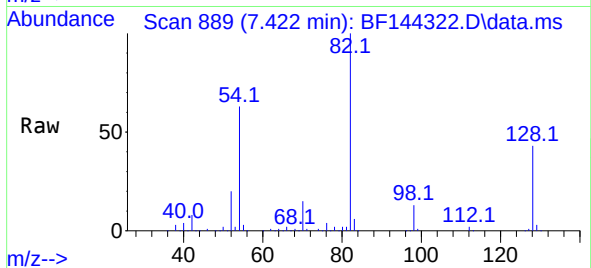




#23
 Nitrobenzene-d5
 Concen: 83.954 ng
 RT: 7.422 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF144322.D
 Acq: 24 Nov 2025 14:10

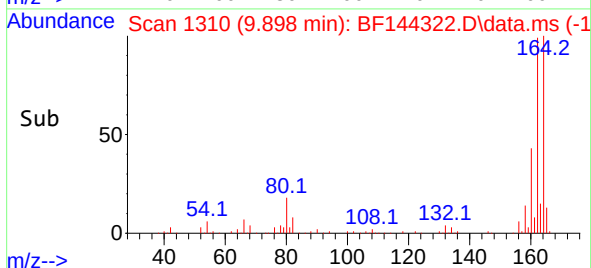
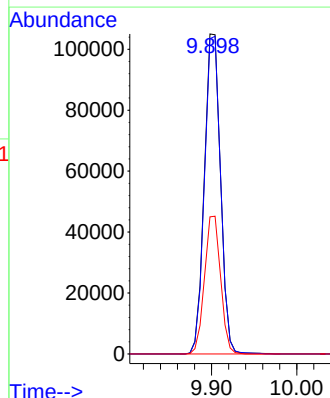
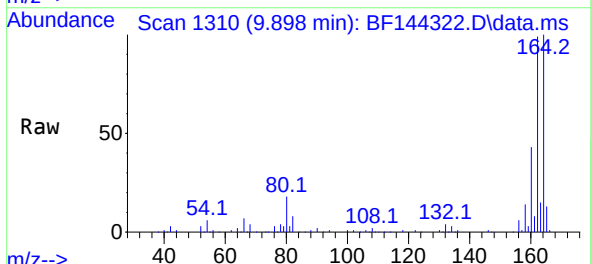
Instrument :
 BNA_F
 ClientSampleId :
 PB170706BL

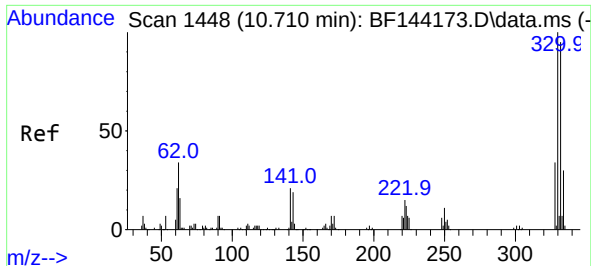
Tgt Ion: 82 Resp: 345831
 Ion Ratio Lower Upper
 82 100
 128 43.0 34.7 52.1
 54 62.7 49.5 74.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.898 min Scan# 1310
 Delta R.T. -0.018 min
 Lab File: BF144322.D
 Acq: 24 Nov 2025 14:10

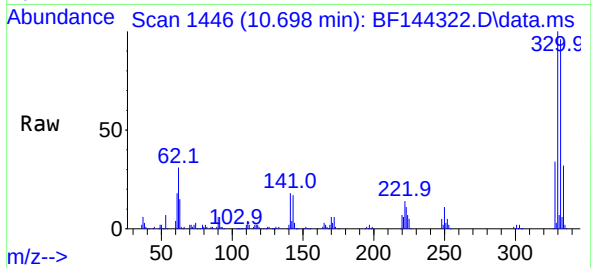
Tgt Ion:164 Resp: 138389
 Ion Ratio Lower Upper
 164 100
 162 98.5 81.1 121.7
 160 42.9 34.5 51.7



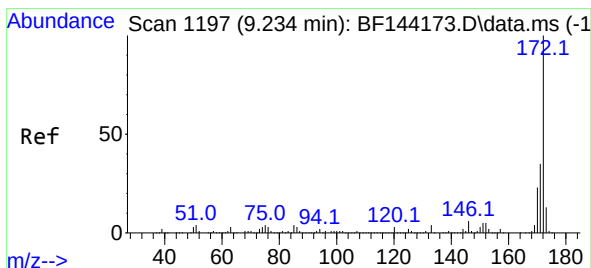
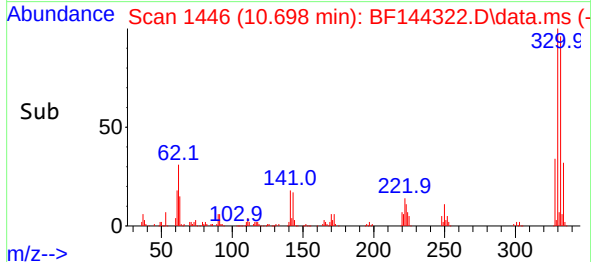
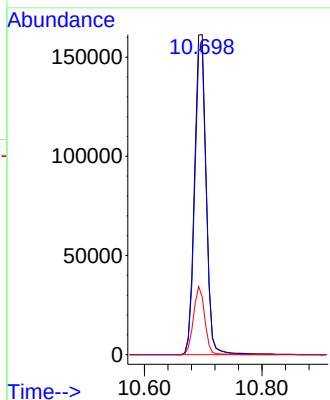


#42
2,4,6-Tribromophenol
Concen: 128.111 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144322.D
Acq: 24 Nov 2025 14:10

Instrument :
BNA_F
ClientSampleId :
PB170706BL

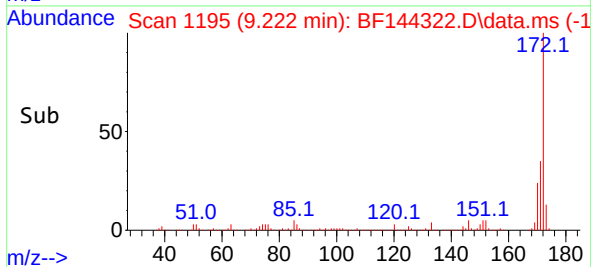
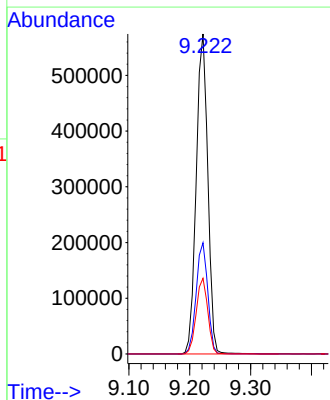
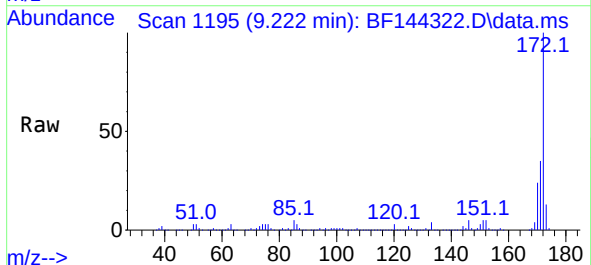


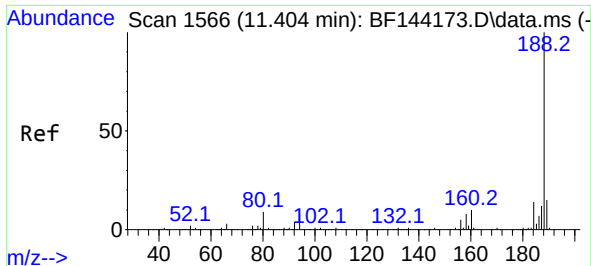
Tgt Ion:330 Resp: 222480
Ion Ratio Lower Upper
330 100
332 94.9 76.7 115.1
141 20.6 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 80.950 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144322.D
Acq: 24 Nov 2025 14:10

Tgt Ion:172 Resp: 758501
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.7 18.6 28.0

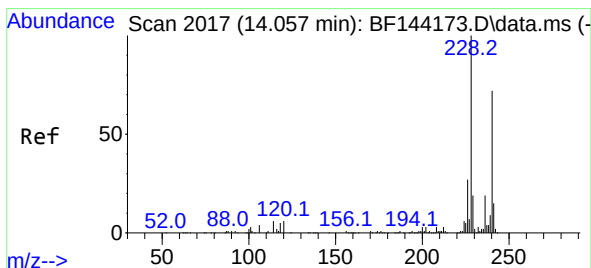
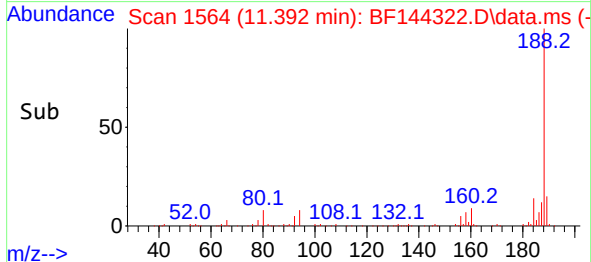
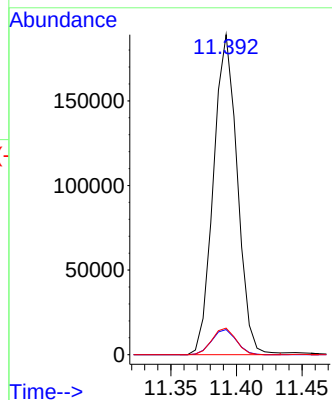
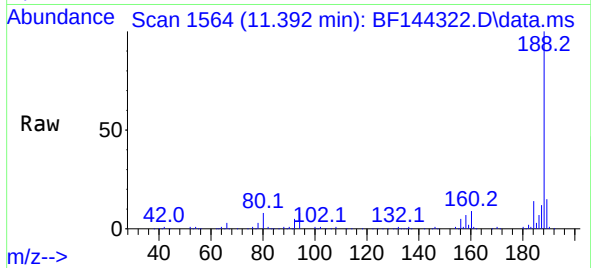




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144322.D
Acq: 24 Nov 2025 14:10

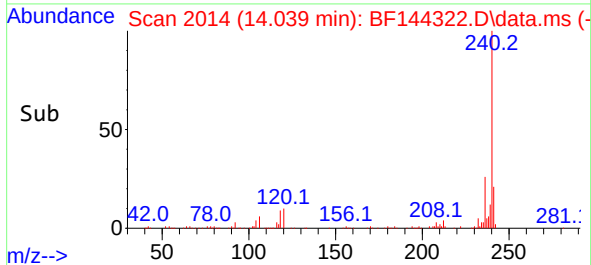
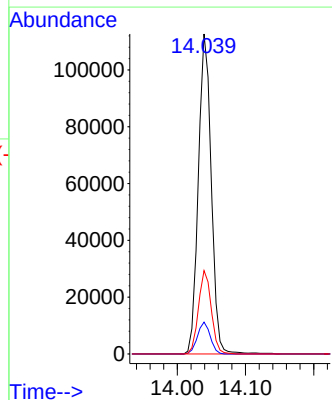
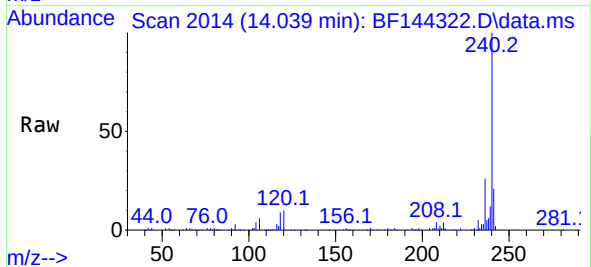
Instrument :
BNA_F
ClientSampleId :
PB170706BL

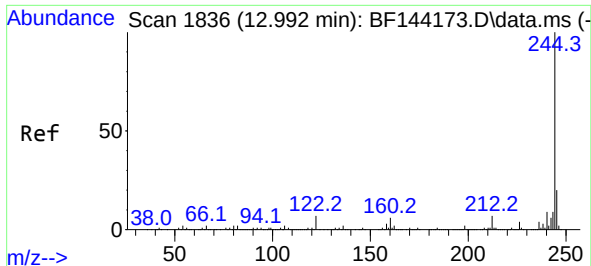
Tgt Ion:188 Resp: 239015
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 8.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144322.D
Acq: 24 Nov 2025 14:10

Tgt Ion:240 Resp: 148278
Ion Ratio Lower Upper
240 100
120 10.0 6.6 10.0#
236 26.1 21.4 32.2

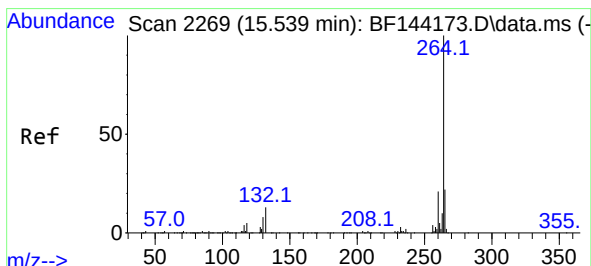
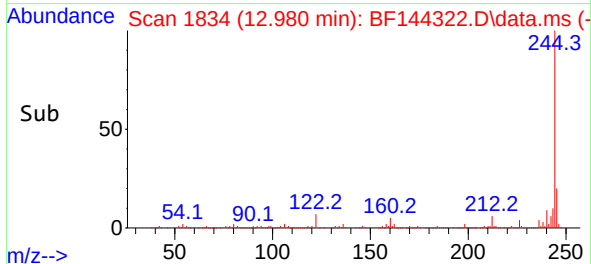
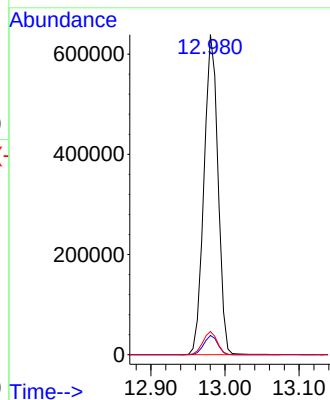
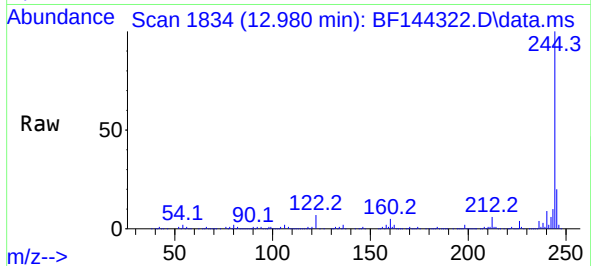




#79
Terphenyl-d14
Concen: 89.829 ng
RT: 12.980 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144322.D
Acq: 24 Nov 2025 14:10

Instrument :
BNA_F
ClientSampleId :
PB170706BL

Tgt Ion:244 Resp: 838555
Ion Ratio Lower Upper
244 100
212 6.0 5.3 7.9
122 7.3 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: BF144322.D
Acq: 24 Nov 2025 14:10

Tgt Ion:264 Resp: 175926
Ion Ratio Lower Upper
264 100
260 22.3 17.1 25.7
265 20.9 17.4 26.0

