

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
 Data File : BF144361.D
 Acq On : 26 Nov 2025 15:11
 Operator : RC/JU
 Sample : Q3604-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Nov 26 15:31:32 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)

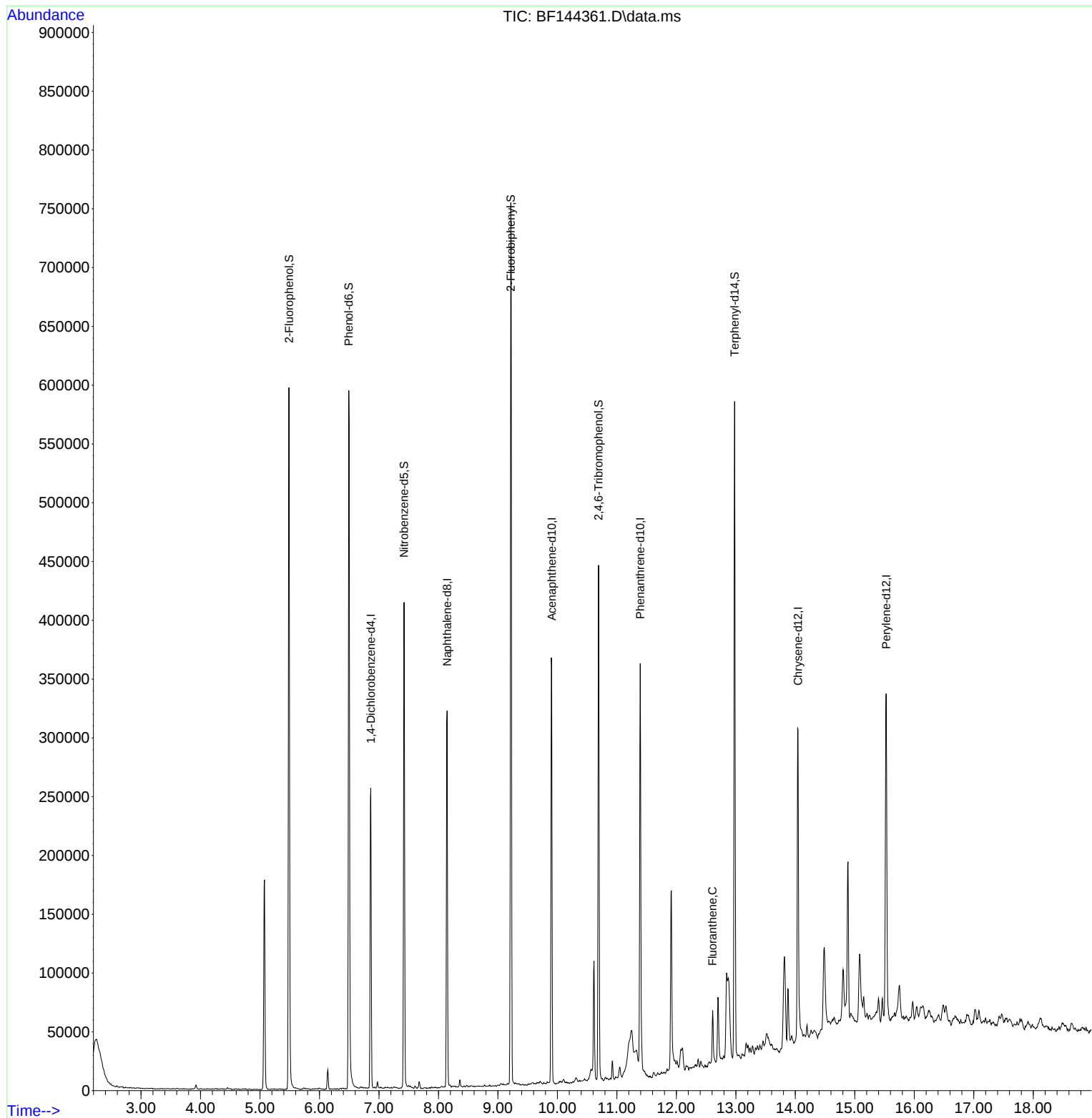
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	56195	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	208707	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	118617	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	181764	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	128075	20.000	ng	0.00
86) Perylene-d12	15.527	264	171476	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	244042	67.959	ng	0.00
7) Phenol-d6	6.493	99	282896	69.526	ng	0.00
23) Nitrobenzene-d5	7.422	82	168766	46.702	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	84715	56.913	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	356132	44.343	ng	-0.01
79) Terphenyl-d14	12.980	244	286464	35.528	ng	-0.01
Target Compounds						
75) Fluoranthene	12.610	202	22610	2.419	ng	Qvalue 96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144361.D
Acq On : 26 Nov 2025 15:11
Operator : RC/JU
Sample : Q3604-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

Quant Time: Nov 26 15:31:32 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

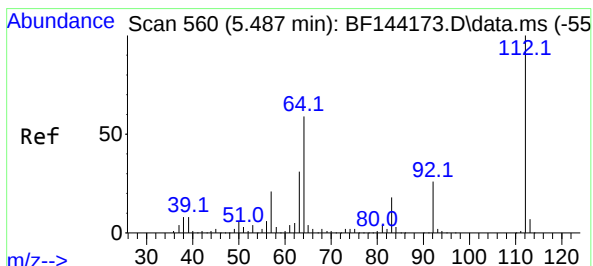
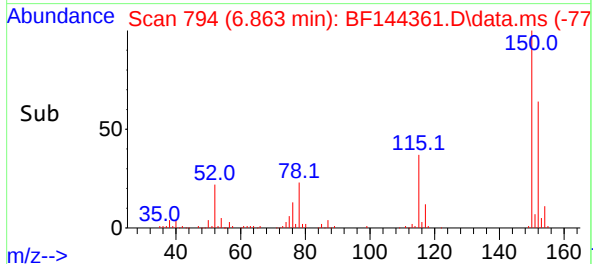
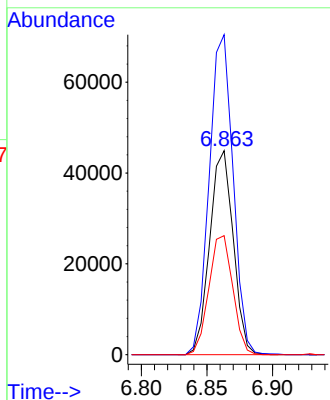
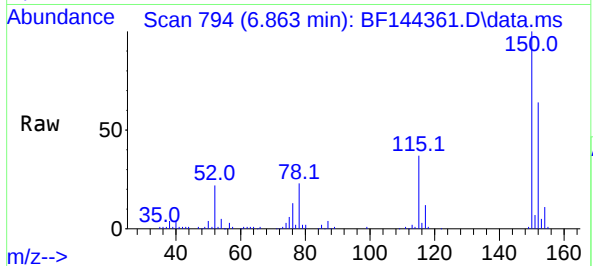




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 794
Delta R.T. -0.012 min
Lab File: BF144361.D
Acq: 26 Nov 2025 15:11

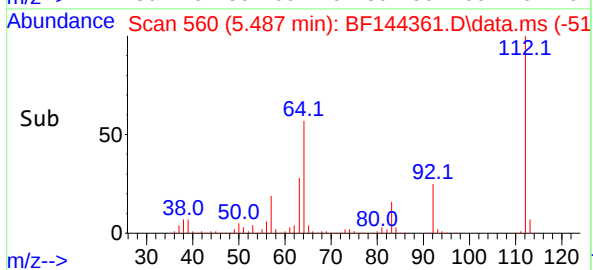
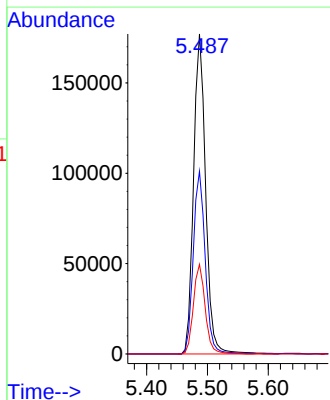
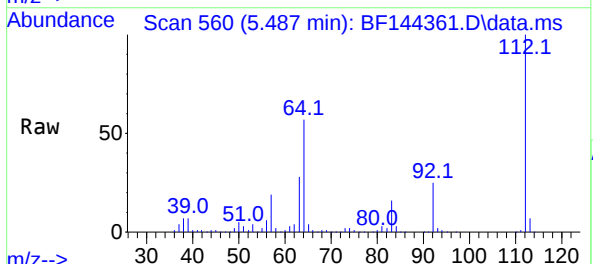
Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:152 Resp: 56195
Ion Ratio Lower Upper
152 100
150 156.9 127.4 191.0
115 58.4 49.5 74.3



#5
2-Fluorophenol
Concen: 67.959 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144361.D
Acq: 26 Nov 2025 15:11

Tgt Ion:112 Resp: 244042
Ion Ratio Lower Upper
112 100
64 57.1 47.2 70.8
63 28.0 24.4 36.6

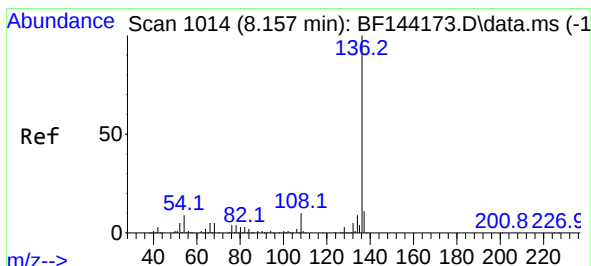
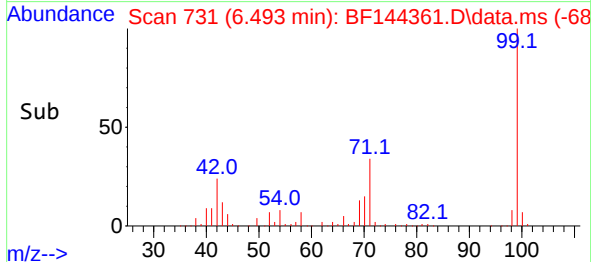
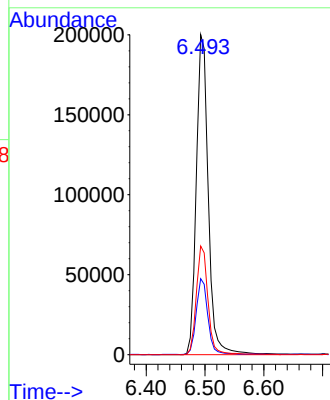
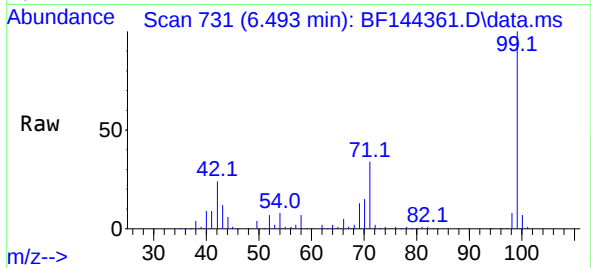




#7
Phenol-d6
Concen: 69.526 ng
RT: 6.493 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144361.D
Acq: 26 Nov 2025 15:11

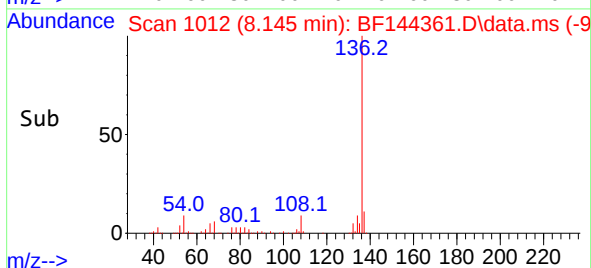
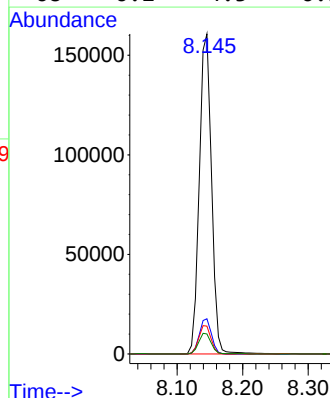
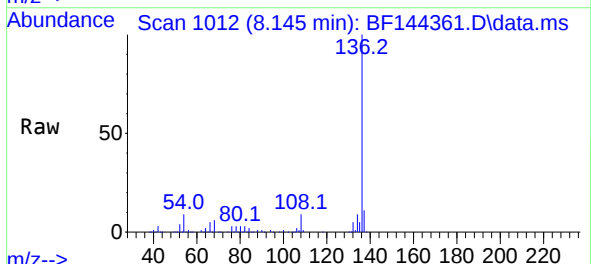
Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion: 99 Resp: 282896
Ion Ratio Lower Upper
99 100
42 23.8 20.9 31.3
71 34.0 31.4 47.2

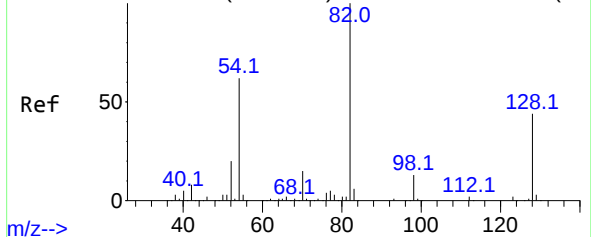


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144361.D
Acq: 26 Nov 2025 15:11

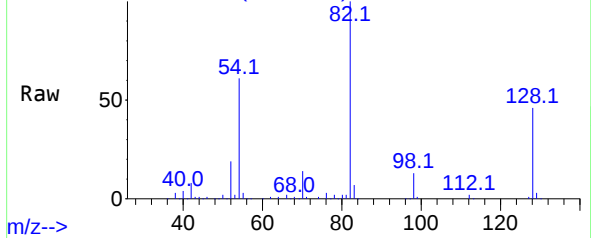
Tgt Ion: 136 Resp: 208707
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 7.0 10.6
68 6.2 4.3 6.5



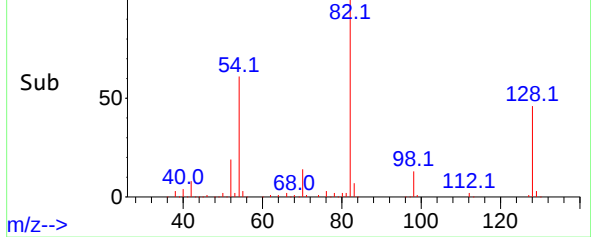
Abundance Scan 892 (7.440 min): BF144173.D\data.ms (-88



m/z--> Scan 889 (7.422 min): BF144361.D\data.ms



Abundance Scan 889 (7.422 min): BF144361.D\data.ms (-84



m/z-->

#23

Nitrobenzene-d5

Concen: 46.702 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144361.D

Acq: 26 Nov 2025 15:11

Instrument :

BNA_F

ClientSampleId :

S-1

Tgt Ion: 82 Resp: 168766

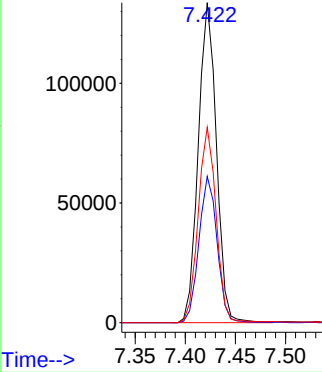
Ion Ratio Lower Upper

82 100

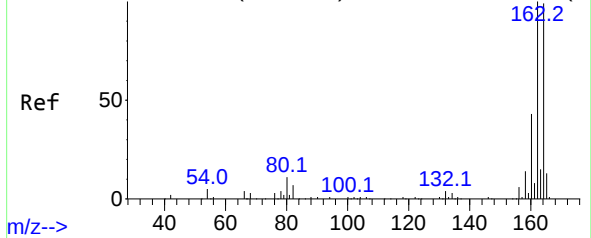
128 45.7 34.7 52.1

54 61.1 49.5 74.3

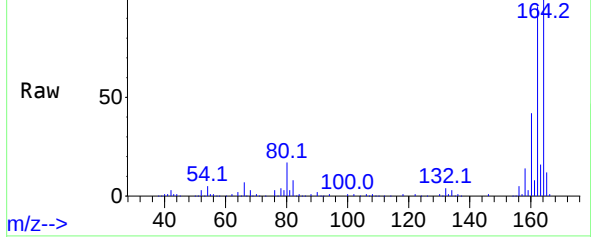
Abundance



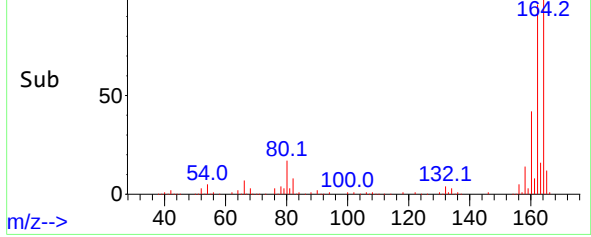
Abundance Scan 1313 (9.916 min): BF144173.D\data.ms (-1



m/z--> Scan 1311 (9.904 min): BF144361.D\data.ms



Abundance Scan 1311 (9.904 min): BF144361.D\data.ms (-1



m/z-->

#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF144361.D

Acq: 26 Nov 2025 15:11

Tgt Ion:164 Resp: 118617

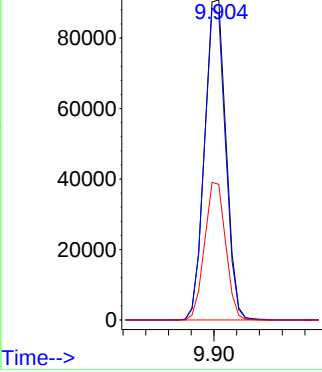
Ion Ratio Lower Upper

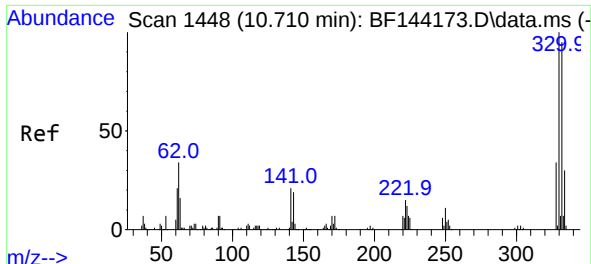
164 100

162 95.8 81.1 121.7

160 42.4 34.5 51.7

Abundance





#42

2,4,6-Tribromophenol

Concen: 56.913 ng

RT: 10.692 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF144361.D

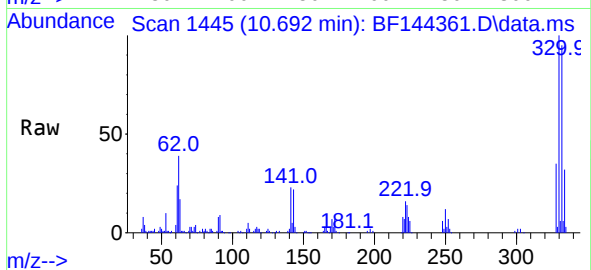
Acq: 26 Nov 2025 15:11

Instrument :

BNA_F

ClientSampleId :

S-1



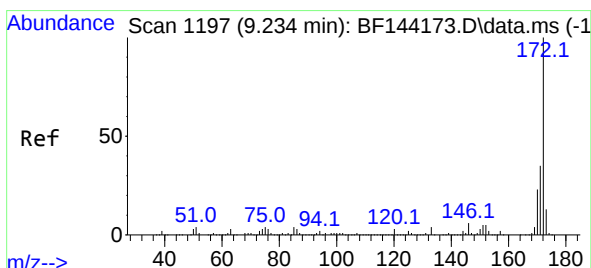
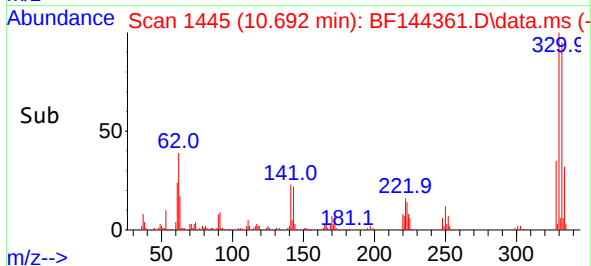
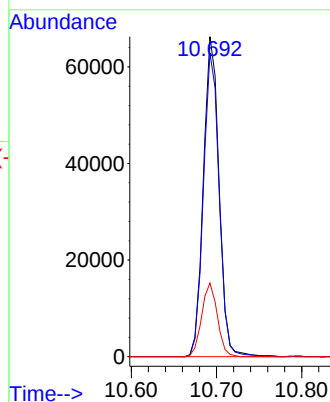
Tgt Ion:330 Resp: 84715

Ion Ratio Lower Upper

330 100

332 95.0 76.7 115.1

141 22.9 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 44.343 ng

RT: 9.216 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF144361.D

Acq: 26 Nov 2025 15:11

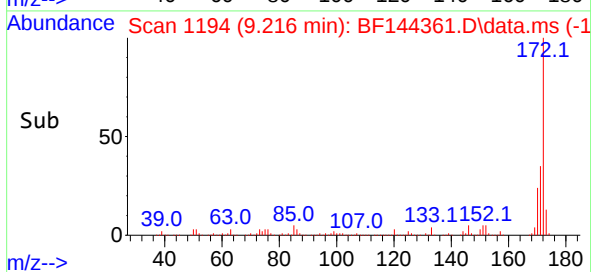
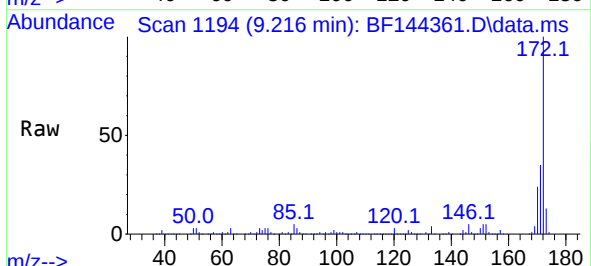
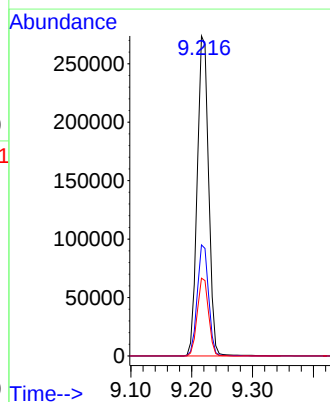
Tgt Ion:172 Resp: 356132

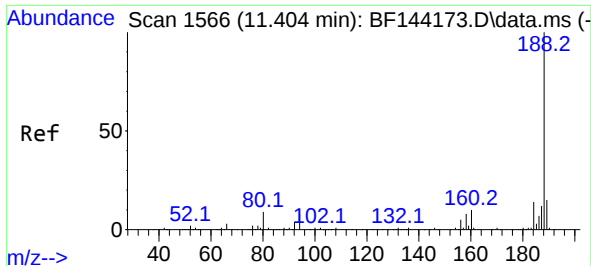
Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 24.3 18.6 28.0

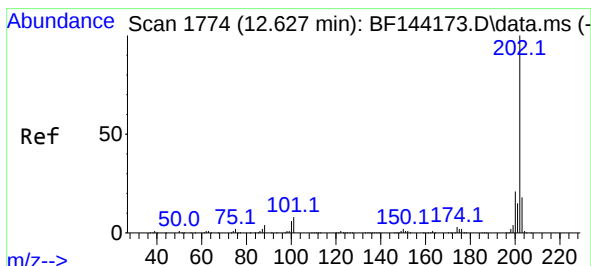
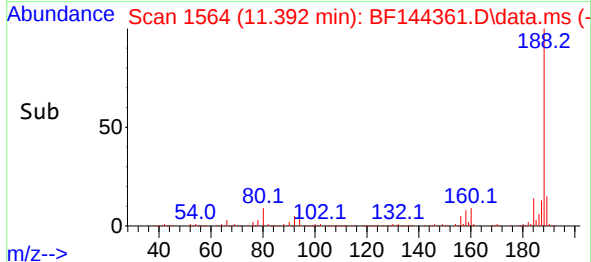
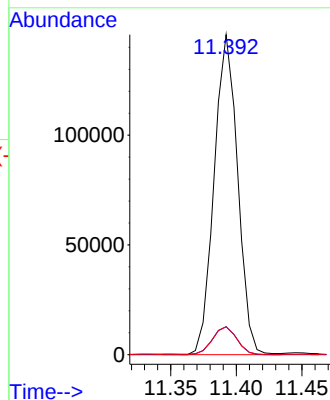
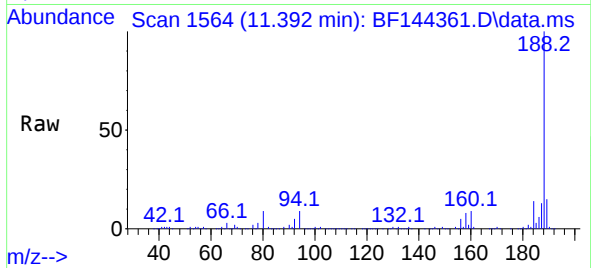




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144361.D
Acq: 26 Nov 2025 15:11

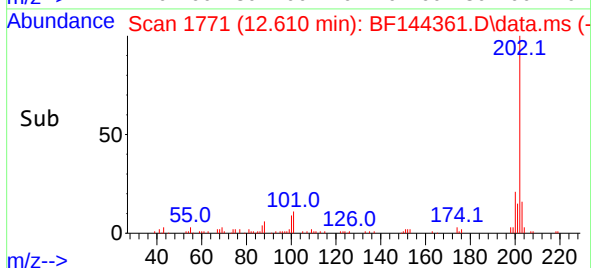
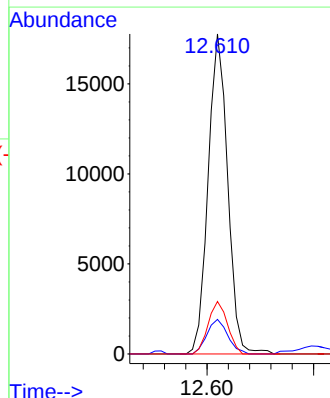
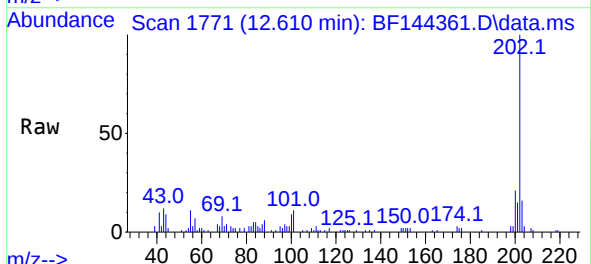
Instrument :
BNA_F
ClientSampleId :
S-1

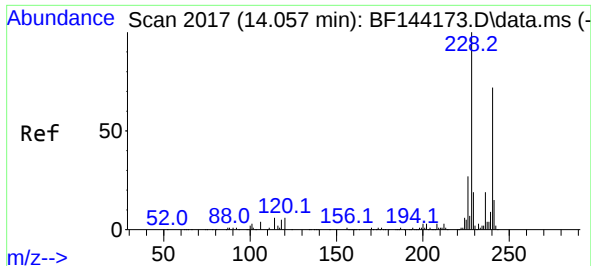
Tgt Ion:188 Resp: 181764
Ion Ratio Lower Upper
188 100
94 8.8 6.2 9.2
80 8.7 6.9 10.3



#75
Fluoranthene
Concen: 2.419 ng
RT: 12.610 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BF144361.D
Acq: 26 Nov 2025 15:11

Tgt Ion:202 Resp: 22610
Ion Ratio Lower Upper
202 100
101 10.8 0.0 27.9
203 16.4 0.0 37.5

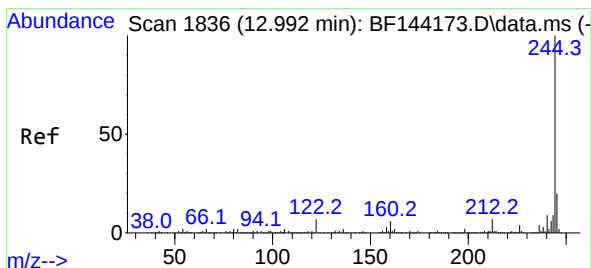
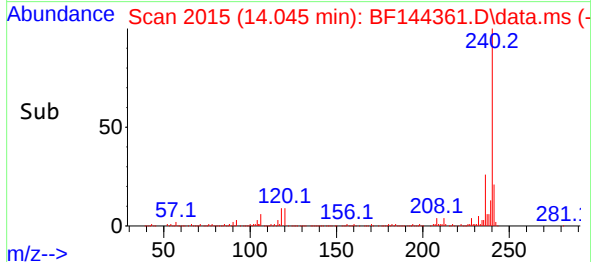
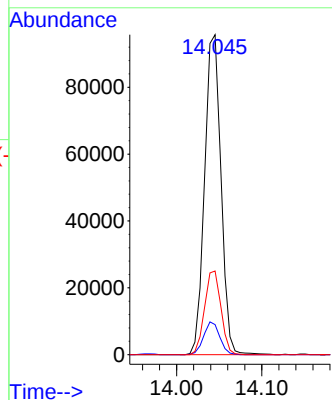
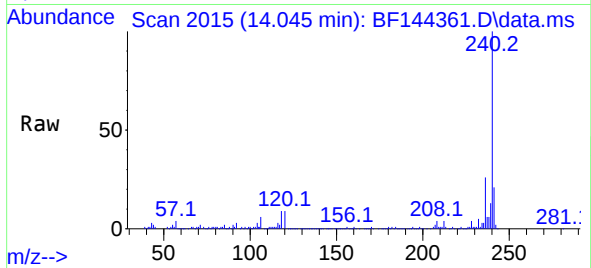




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144361.D
Acq: 26 Nov 2025 15:11

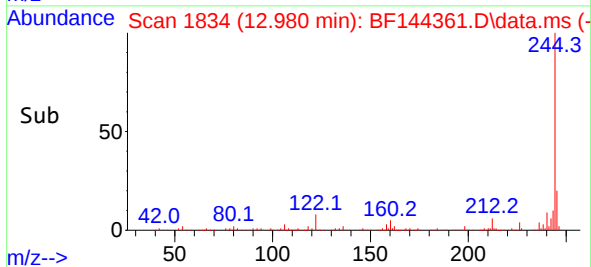
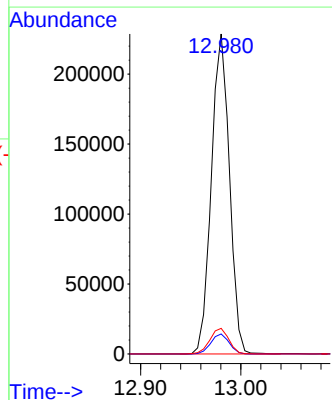
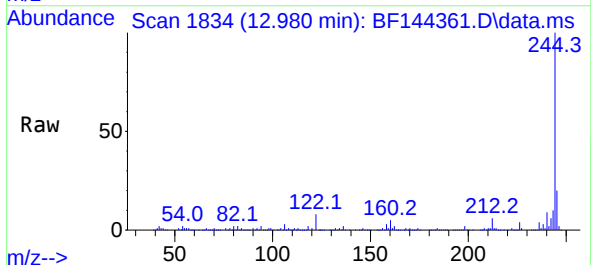
Instrument :
BNA_F
ClientSampleId :
S-1

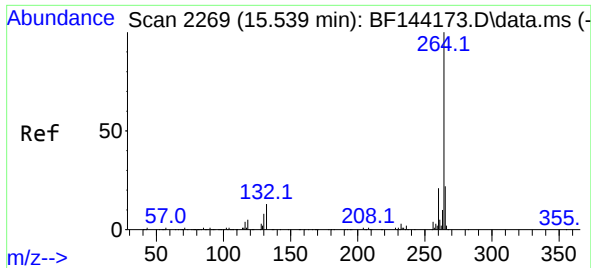
Tgt Ion:240 Resp: 128075
Ion Ratio Lower Upper
240 100
120 9.4 6.6 10.0
236 26.1 21.4 32.2



#79
Terphenyl-d14
Concen: 35.528 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144361.D
Acq: 26 Nov 2025 15:11

Tgt Ion:244 Resp: 286464
Ion Ratio Lower Upper
244 100
212 6.2 5.3 7.9
122 8.0 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF144361.D
 Acq: 26 Nov 2025 15:11

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Tgt Ion:264 Resp: 171476
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.1 25.7
 265 20.8 17.4 26.0

