

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144463.D
 Acq On : 12 Dec 2025 21:32
 Operator : RC/JU
 Sample : Q3839-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0B11

Quant Time: Dec 12 23:34:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 12 15:57:03 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	197649	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	771383	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	412469	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	685891	20.000	ng	0.00
76) Chrysene-d12	13.939	240	455330	20.000	ng	0.00
86) Perylene-d12	15.374	264	397808	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	940581	71.754	ng	0.00
7) Phenol-d6	6.410	99	1193702	73.008	ng	0.00
23) Nitrobenzene-d5	7.351	82	670879	54.425	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	286946	76.947	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1206157	44.860	ng	0.00
79) Terphenyl-d14	12.892	244	1153928	40.011	ng	0.00

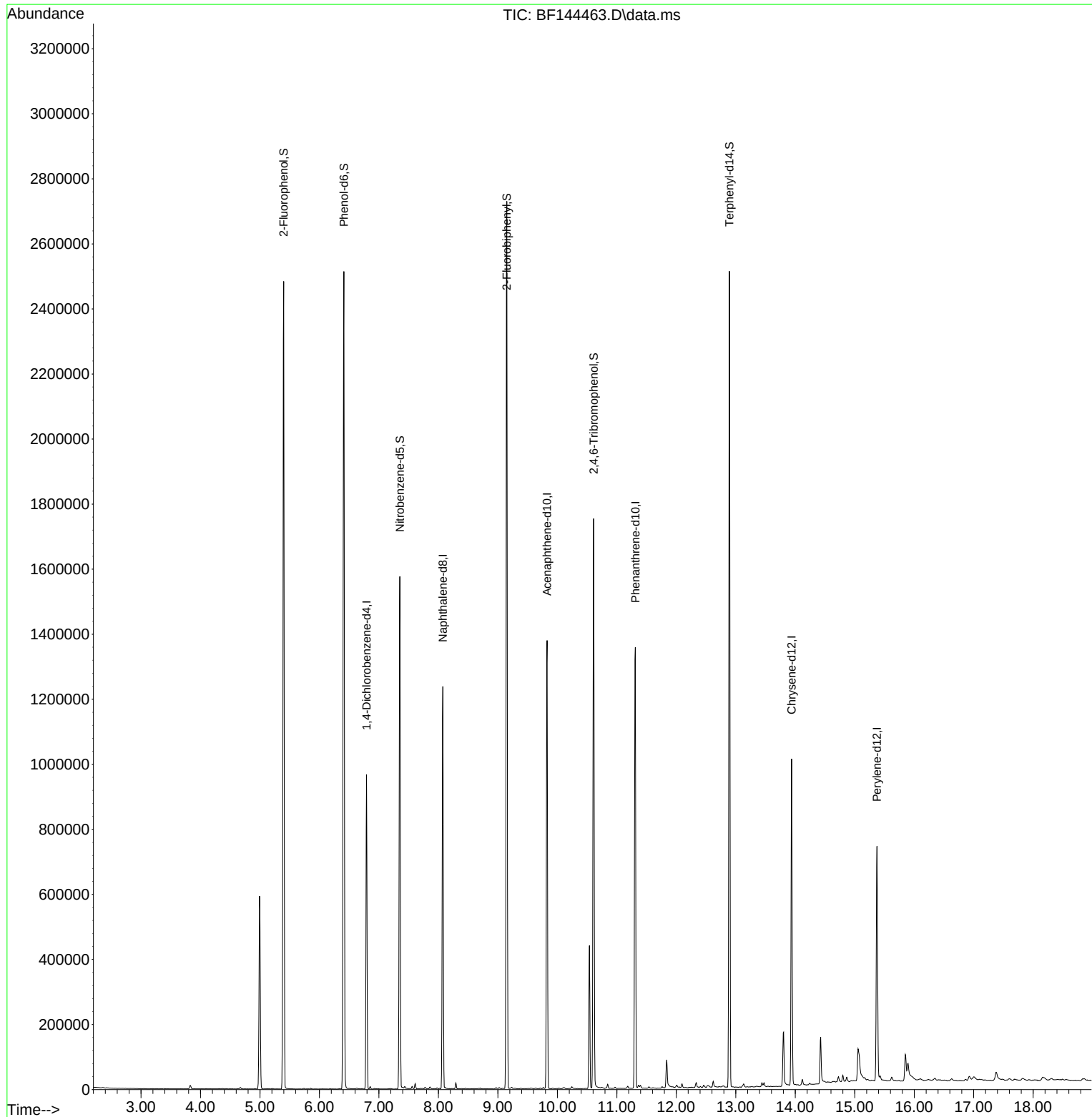
Target Compounds	Qvalue

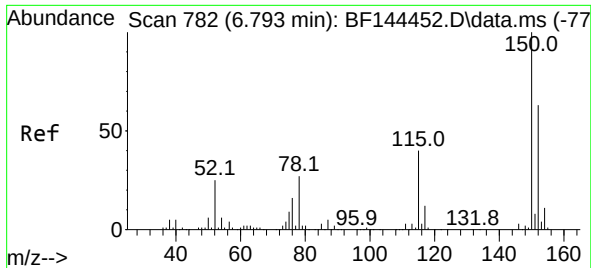
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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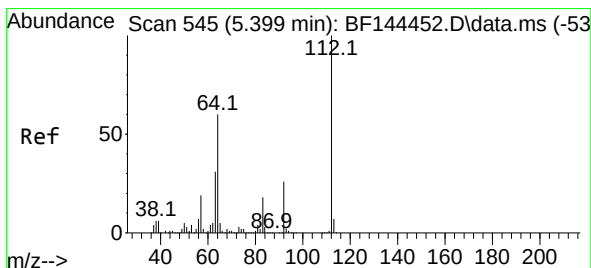
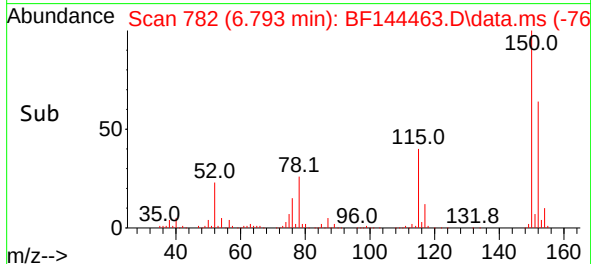
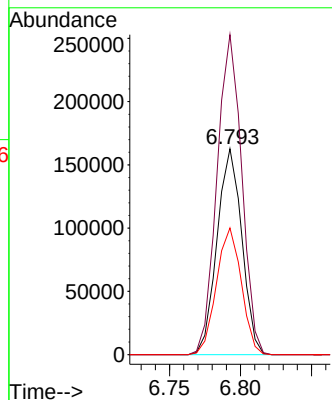
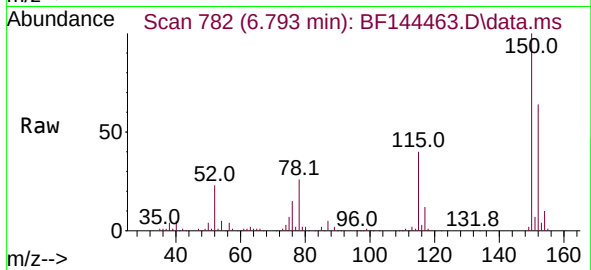




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: BF144463.D
 Acq: 12 Dec 2025 21:32

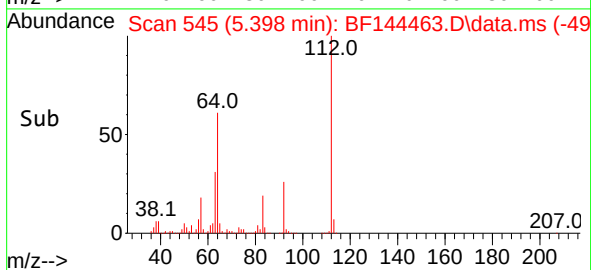
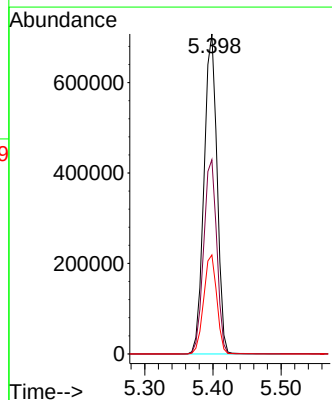
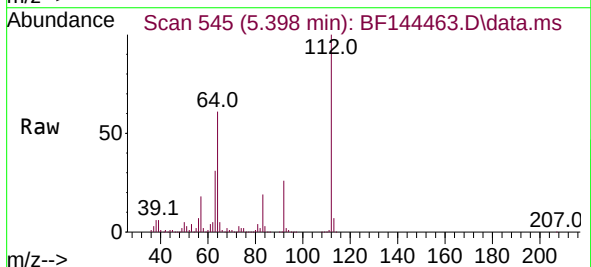
Instrument :
 BNA_F
 ClientSampleId :
 COB11

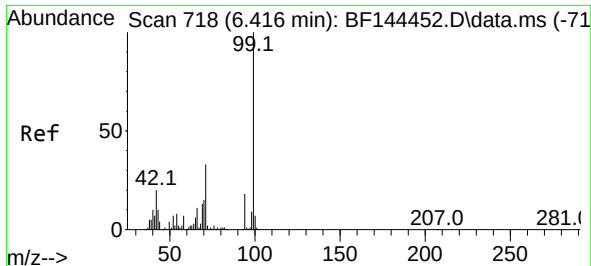
Tgt Ion:152 Resp: 197649
 Ion Ratio Lower Upper
 152 100
 150 155.4 127.4 191.2
 115 61.6 51.4 77.0



#5
 2-Fluorophenol
 Concen: 71.754 ng
 RT: 5.398 min Scan# 545
 Delta R.T. -0.000 min
 Lab File: BF144463.D
 Acq: 12 Dec 2025 21:32

Tgt Ion:112 Resp: 940581
 Ion Ratio Lower Upper
 112 100
 64 60.7 47.8 71.6
 63 30.9 24.6 37.0



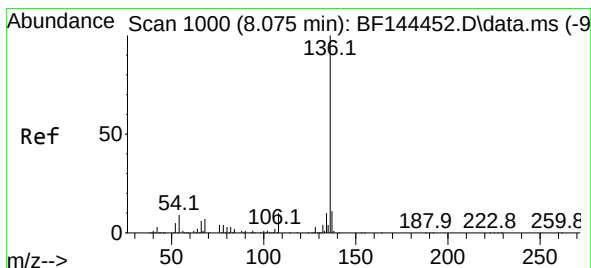
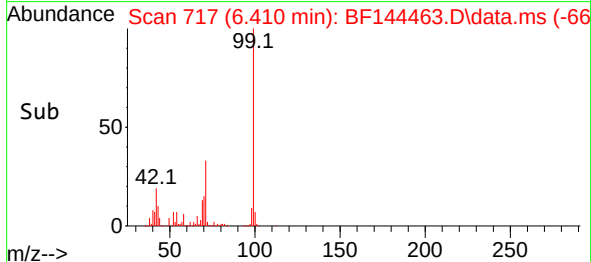
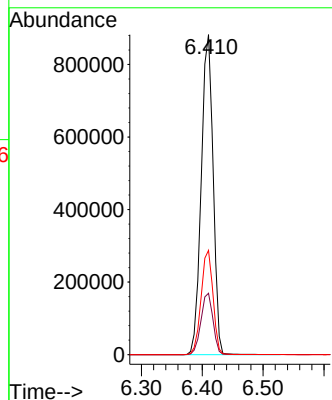
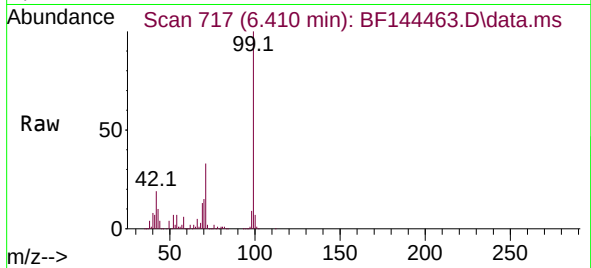


#7
Phenol-d6
Concen: 73.008 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144463.D
Acq: 12 Dec 2025 21:32

Instrument :
BNA_F
ClientSampleId :
COB11

Tgt Ion: 99 Resp: 1193702

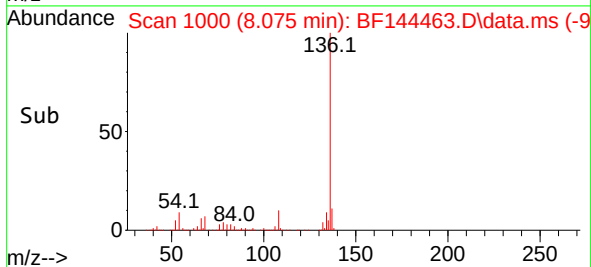
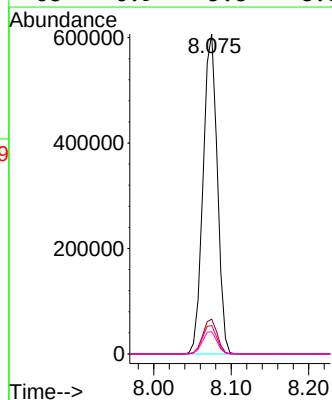
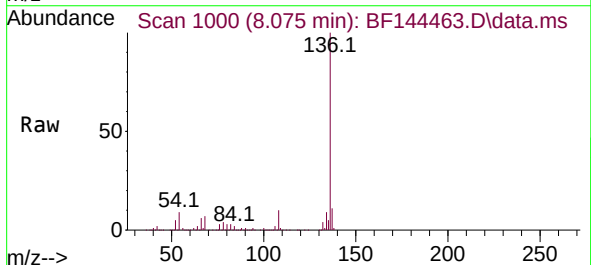
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.7	23.5
71	32.6	26.4	39.6

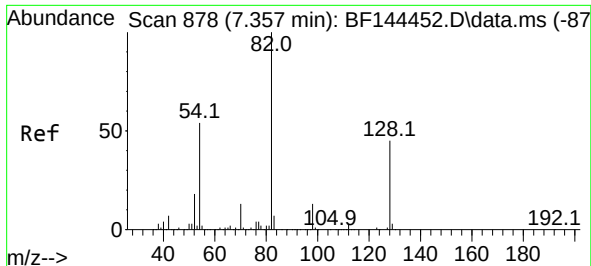


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF144463.D
Acq: 12 Dec 2025 21:32

Tgt Ion: 136 Resp: 771383

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.8	7.5	11.3
68	6.9	5.8	8.8

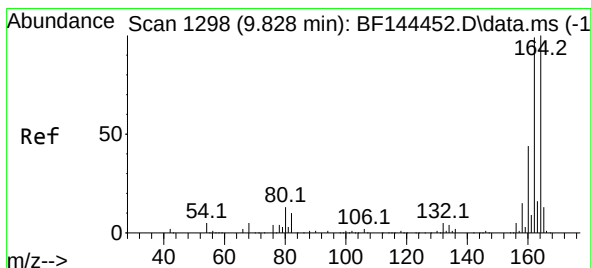
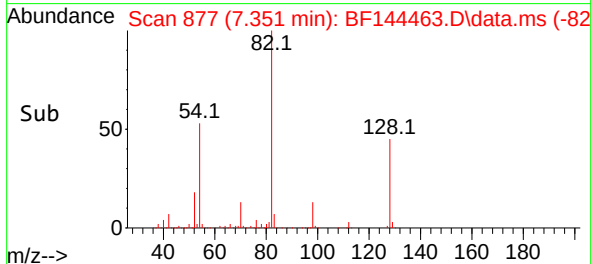
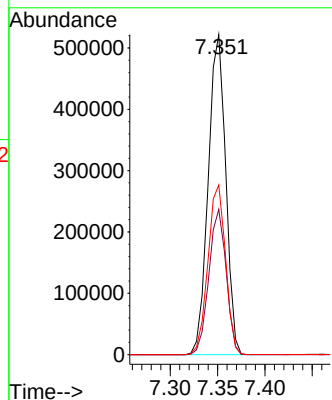
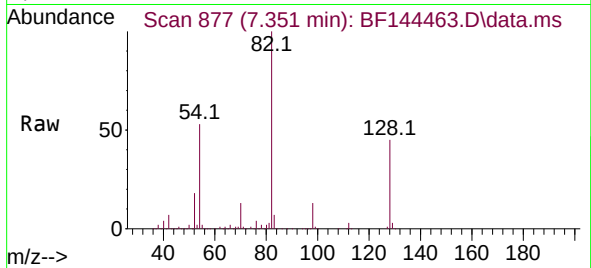




#23
Nitrobenzene-d5
Concen: 54.425 ng
RT: 7.351 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144463.D
Acq: 12 Dec 2025 21:32

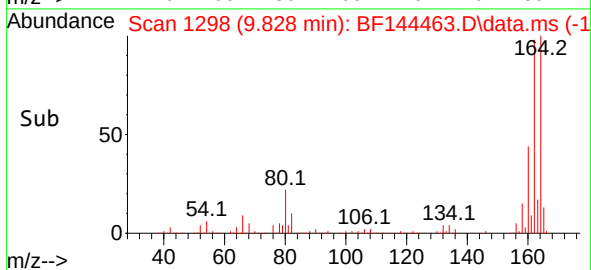
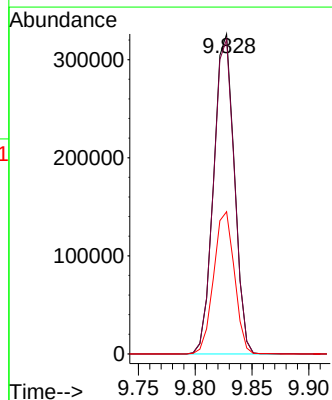
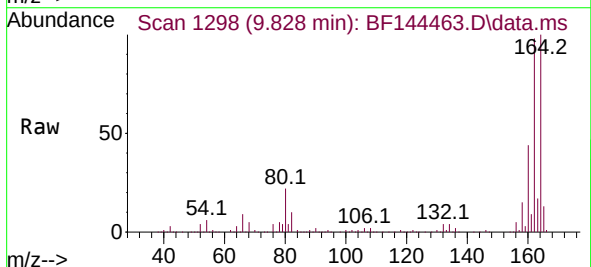
Instrument :
BNA_F
ClientSampleId :
COB11

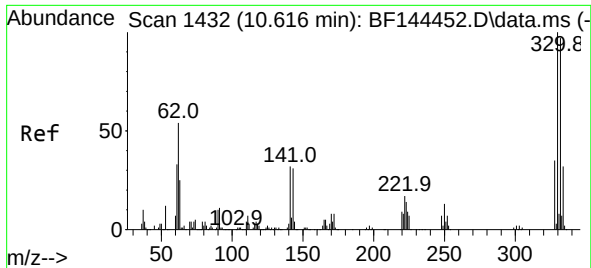
Tgt Ion: 82 Resp: 670879
Ion Ratio Lower Upper
82 100
128 45.4 35.5 53.3
54 53.0 43.3 64.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF144463.D
Acq: 12 Dec 2025 21:32

Tgt Ion: 164 Resp: 412469
Ion Ratio Lower Upper
164 100
162 98.3 79.2 118.8
160 44.4 35.3 52.9

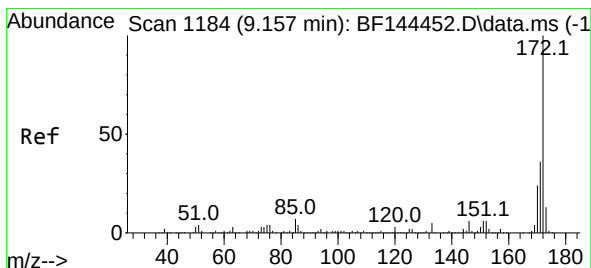
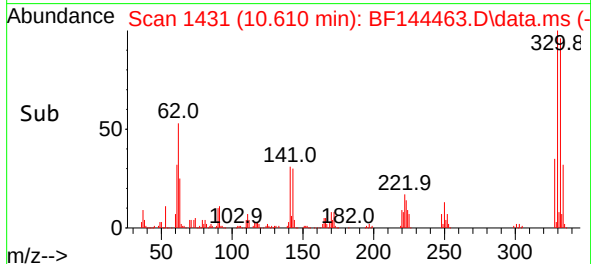
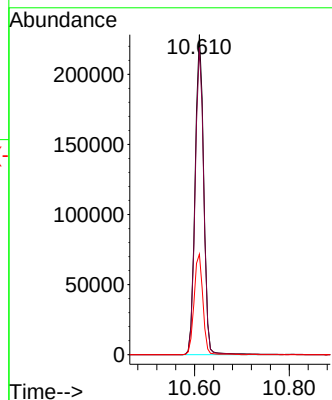
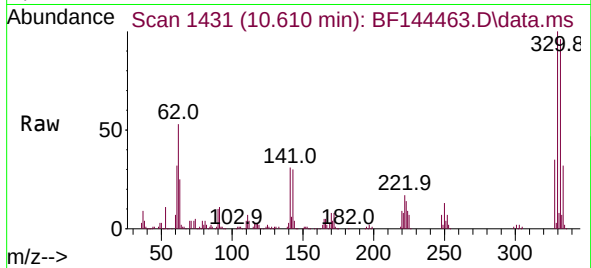




#42
2,4,6-Tribromophenol
Concen: 76.947 ng
RT: 10.610 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144463.D
Acq: 12 Dec 2025 21:32

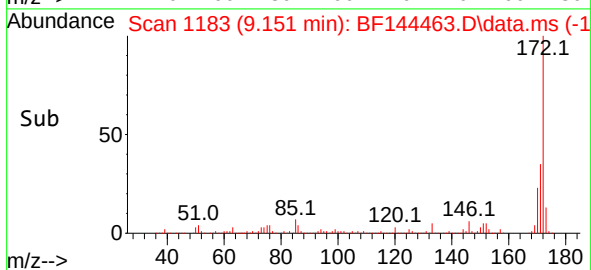
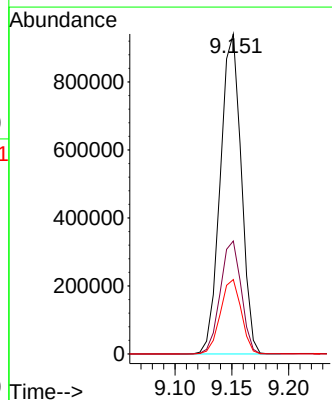
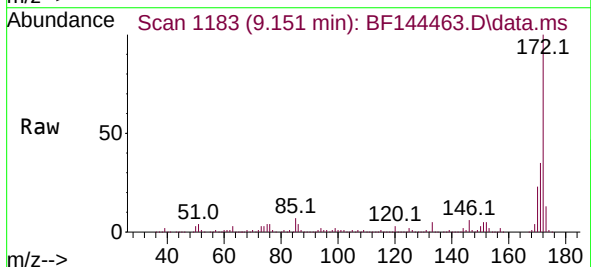
Instrument :
BNA_F
ClientSampleId :
COB11

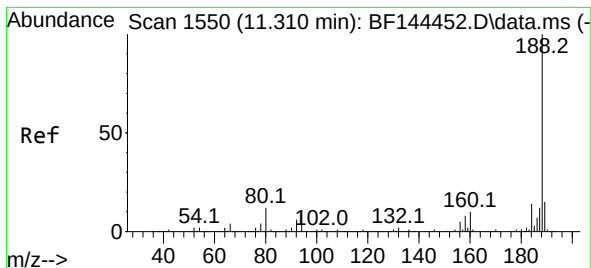
Tgt Ion:330 Resp: 286946
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 32.1 26.2 39.2



#45
2-Fluorobiphenyl
Concen: 44.860 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF144463.D
Acq: 12 Dec 2025 21:32

Tgt Ion:172 Resp: 1206157
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.2 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144463.D

Acq: 12 Dec 2025 21:32

Instrument :

BNA_F

ClientSampleId :

COB11

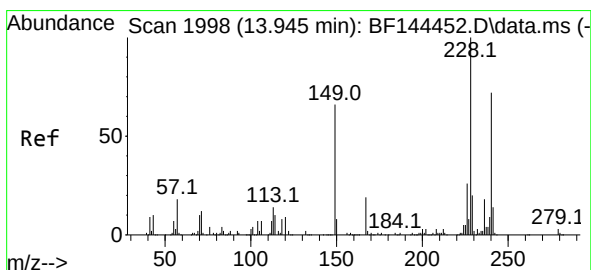
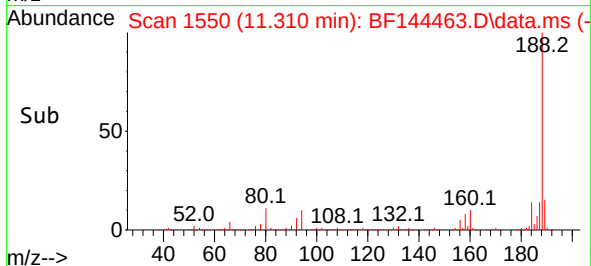
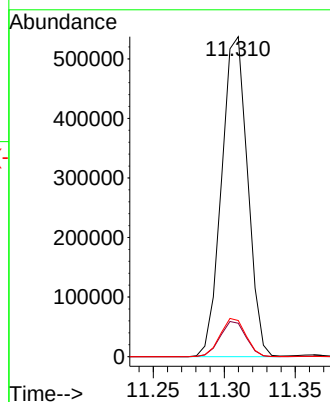
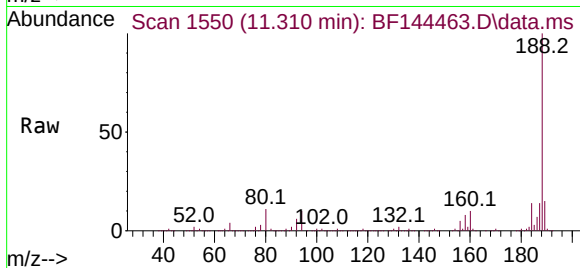
Tgt Ion:188 Resp: 685891

Ion Ratio Lower Upper

188 100

94 10.4 9.0 13.6

80 11.3 9.8 14.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 1997

Delta R.T. -0.006 min

Lab File: BF144463.D

Acq: 12 Dec 2025 21:32

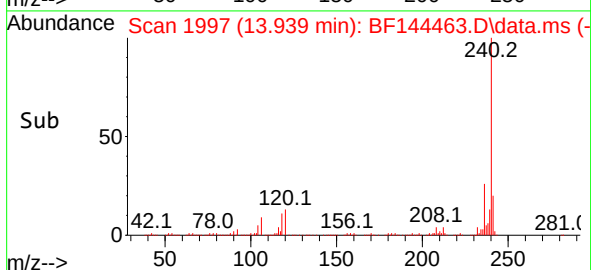
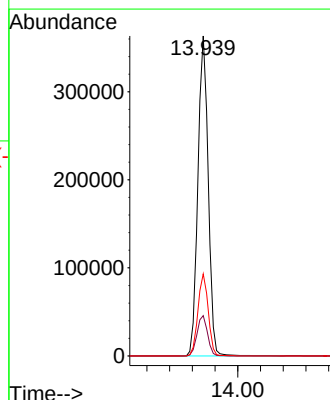
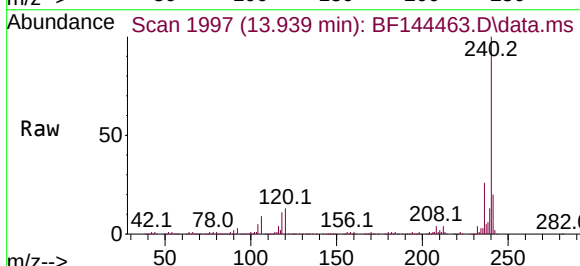
Tgt Ion:240 Resp: 455330

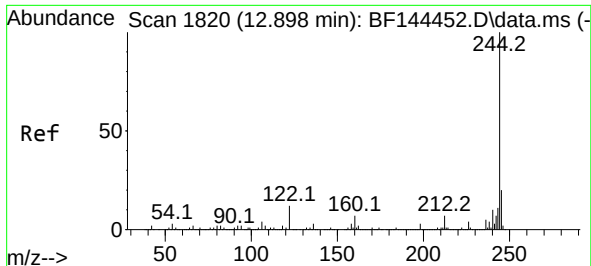
Ion Ratio Lower Upper

240 100

120 12.6 10.3 15.5

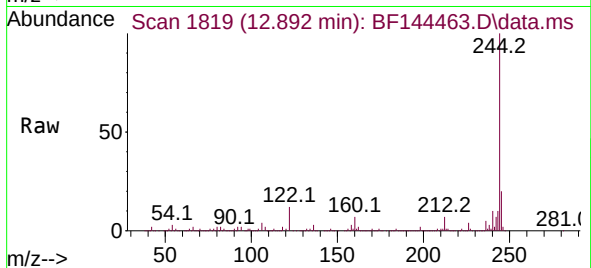
236 25.6 20.2 30.4





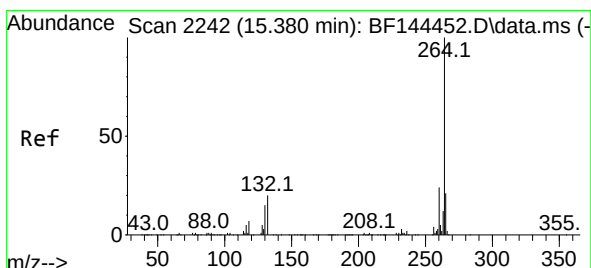
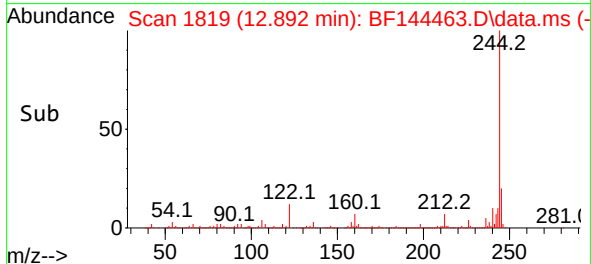
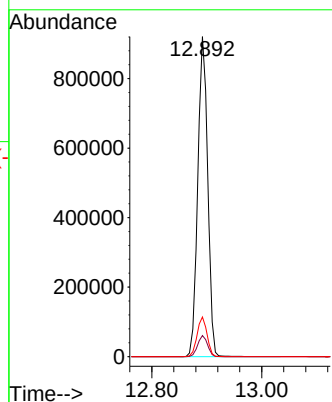
#79
 Terphenyl-d14
 Concen: 40.011 ng
 RT: 12.892 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF144463.D
 Acq: 12 Dec 2025 21:32

Instrument :
 BNA_F
 ClientSampleId :
 COB11



Tgt Ion:244 Resp: 1153928

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	12.4	9.9	14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.374 min Scan# 2241
 Delta R.T. -0.006 min
 Lab File: BF144463.D
 Acq: 12 Dec 2025 21:32

Tgt Ion:264 Resp: 397808

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	21.0	17.1	25.7

