

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
 Data File : BF144467.D
 Acq On : 15 Dec 2025 11:44
 Operator : RC/JU
 Sample : PB170598BL
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170598BL

Quant Time: Dec 15 12:04:11 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	6.792	152	190540	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	749712	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	403255	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	684483	20.000	ng	0.00
76) Chrysene-d12	13.939	240	530653	20.000	ng	0.00
86) Perylene-d12	15.374	264	387669	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1697855	134.357	ng	0.00
7) Phenol-d6	6.416	99	2119102	134.442	ng	0.00
23) Nitrobenzene-d5	7.351	82	1288764	107.572	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	585611	160.626	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2376473	90.407	ng	0.00
79) Terphenyl-d14	12.898	244	2674994	79.586	ng	0.00

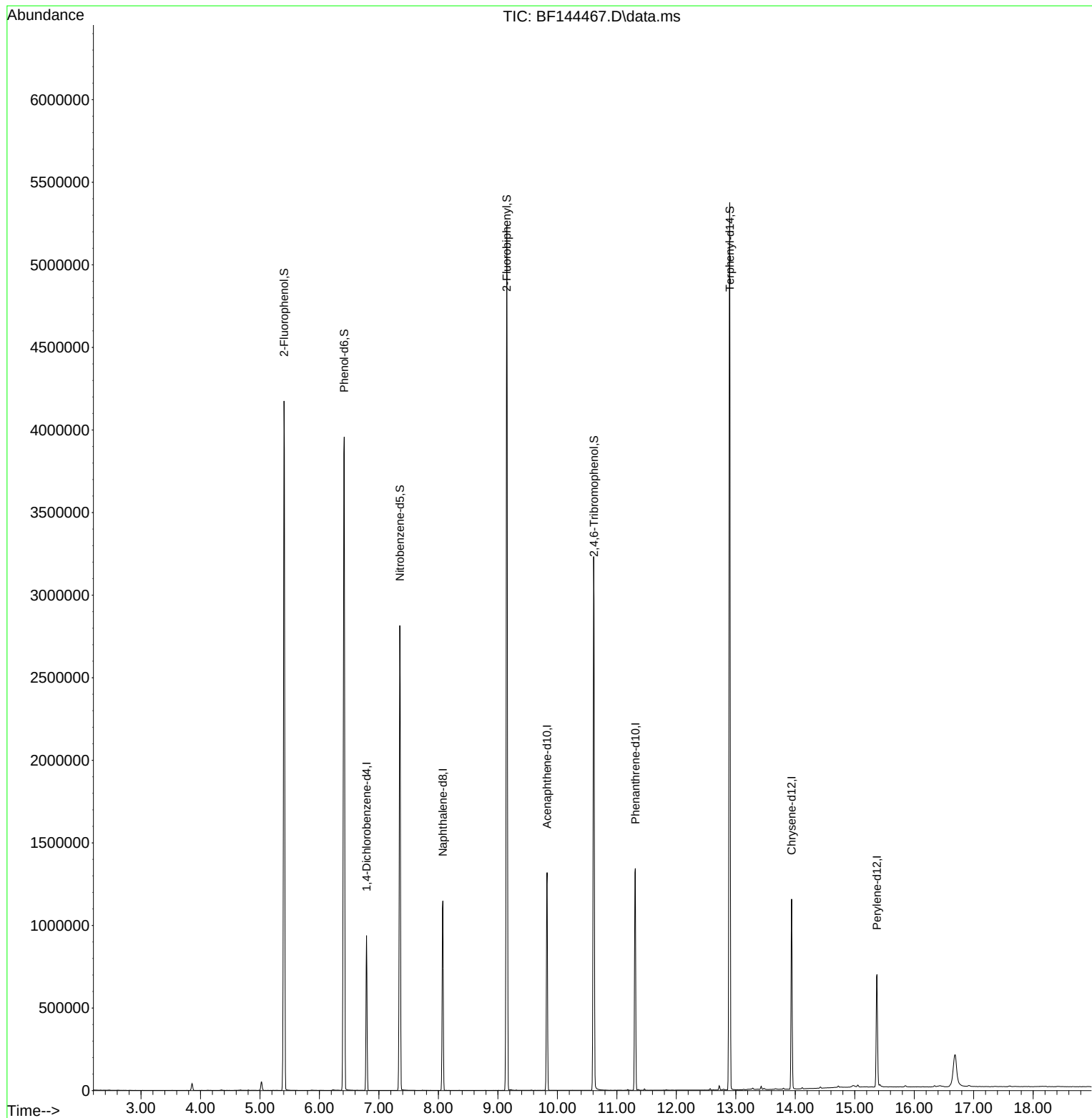
Target Compounds	Qvalue

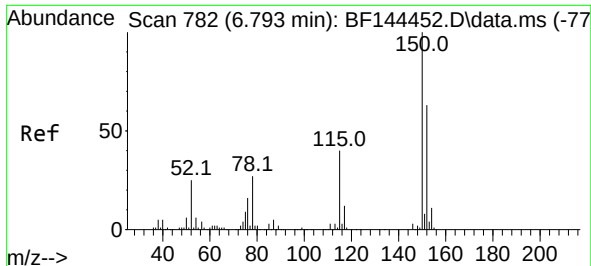
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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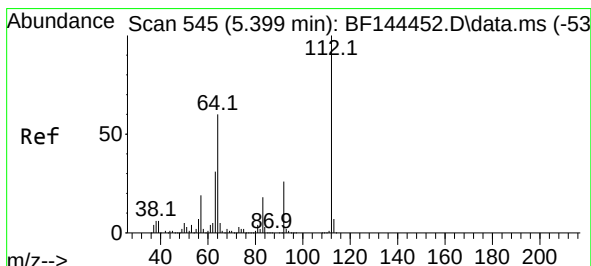
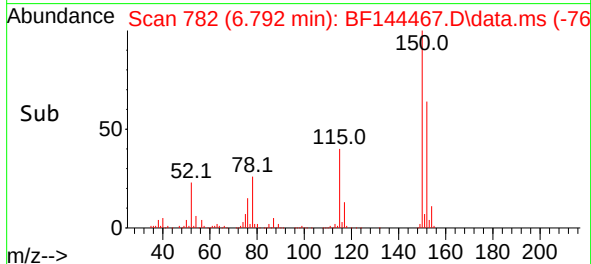
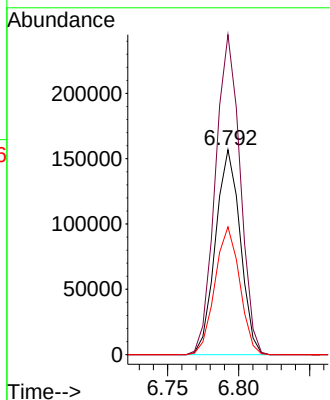
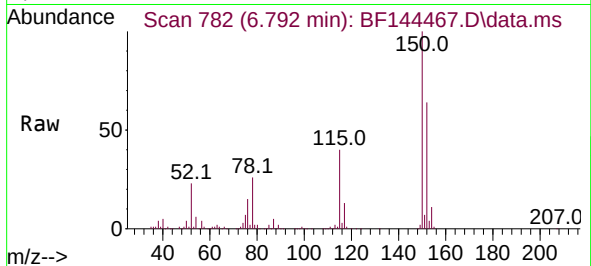




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 782
 Delta R.T. -0.001 min
 Lab File: BF144467.D
 Acq: 15 Dec 2025 11:44

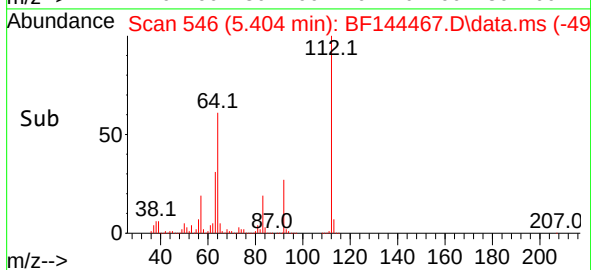
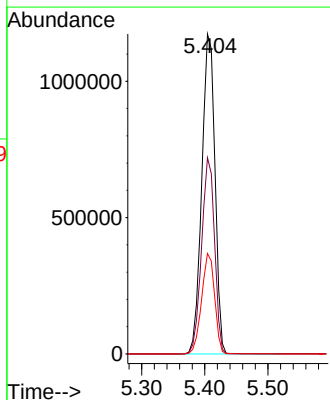
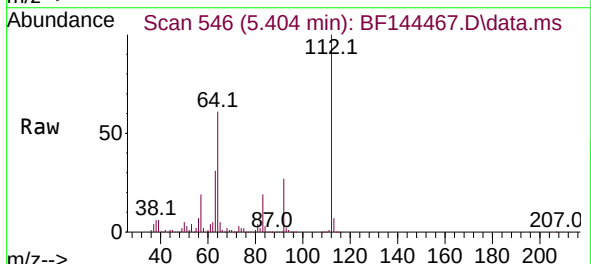
Instrument :
 BNA_F
 ClientSampleId :
 PB170598BL

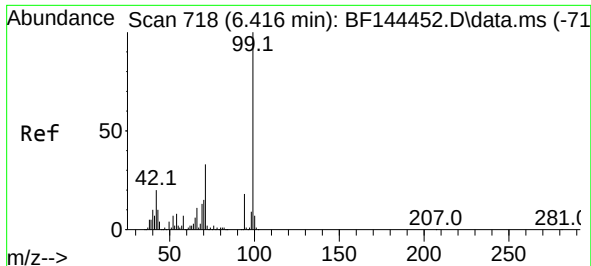
Tgt Ion:152 Resp: 190540
 Ion Ratio Lower Upper
 152 100
 150 156.2 127.4 191.2
 115 62.3 51.4 77.0



#5
 2-Fluorophenol
 Concen: 134.357 ng
 RT: 5.404 min Scan# 546
 Delta R.T. 0.006 min
 Lab File: BF144467.D
 Acq: 15 Dec 2025 11:44

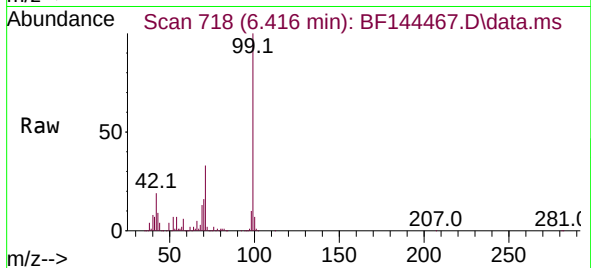
Tgt Ion:112 Resp: 1697855
 Ion Ratio Lower Upper
 112 100
 64 61.3 47.8 71.6
 63 31.4 24.6 37.0





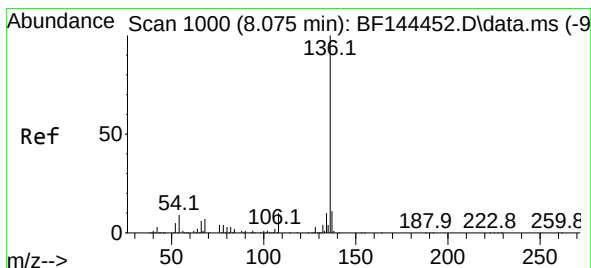
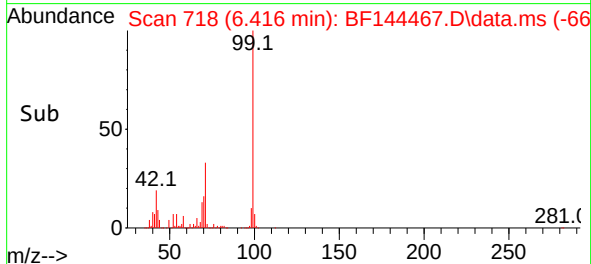
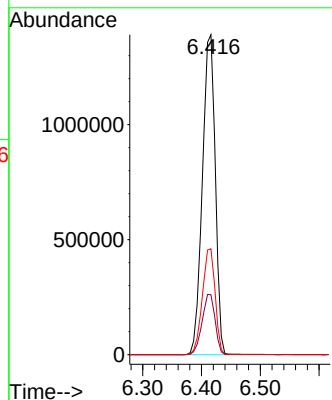
#7
Phenol-d6
Concen: 134.442 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF144467.D
Acq: 15 Dec 2025 11:44

Instrument :
BNA_F
ClientSampleId :
PB170598BL



Tgt Ion: 99 Resp: 2119102

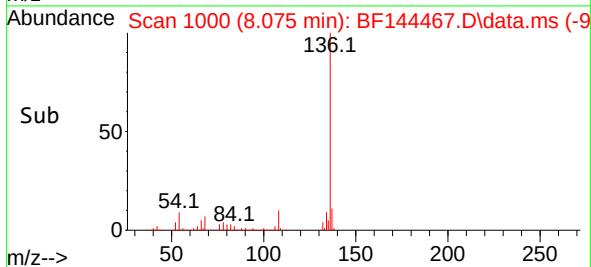
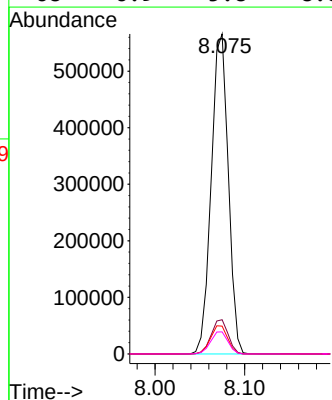
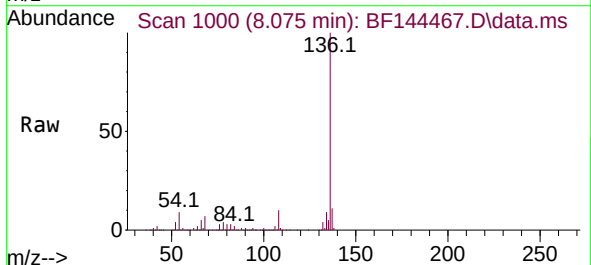
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.7	23.5
71	33.1	26.4	39.6

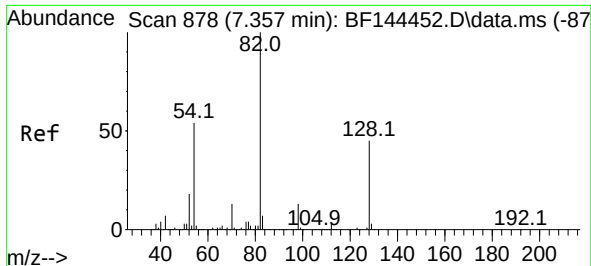


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF144467.D
Acq: 15 Dec 2025 11:44

Tgt Ion: 136 Resp: 749712

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.7	7.5	11.3
68	6.9	5.8	8.8

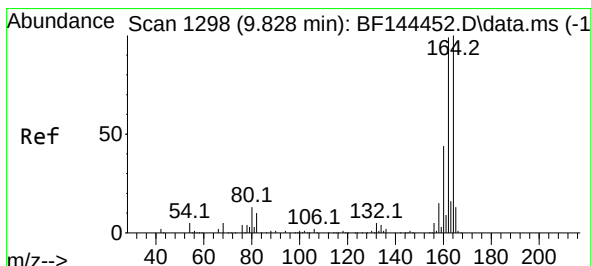
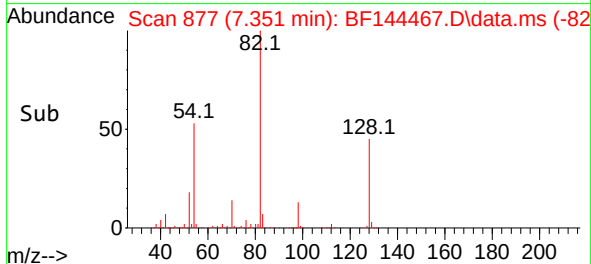
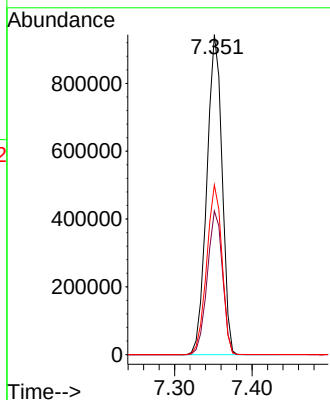
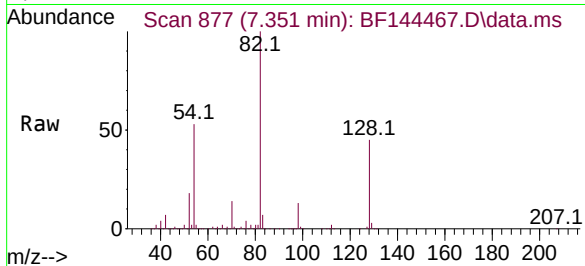




#23
Nitrobenzene-d5
Concen: 107.572 ng
RT: 7.351 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144467.D
Acq: 15 Dec 2025 11:44

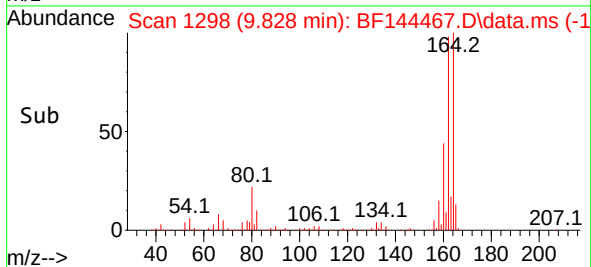
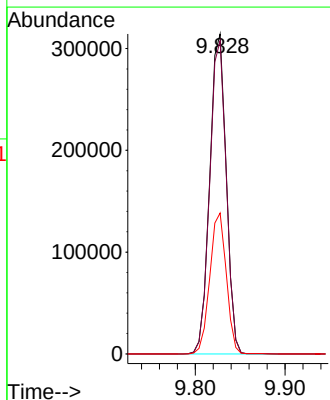
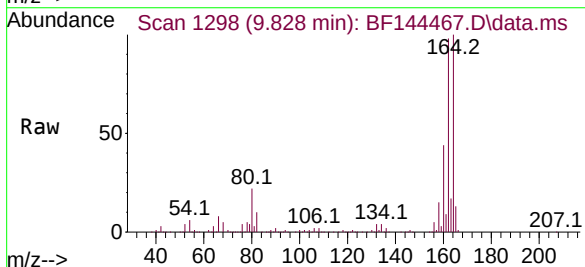
Instrument :
BNA_F
ClientSampleId :
PB170598BL

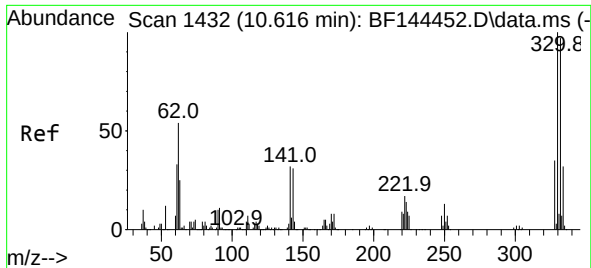
Tgt Ion: 82 Resp: 1288764
Ion Ratio Lower Upper
82 100
128 44.9 35.5 53.3
54 53.0 43.3 64.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF144467.D
Acq: 15 Dec 2025 11:44

Tgt Ion:164 Resp: 403255
Ion Ratio Lower Upper
164 100
162 97.9 79.2 118.8
160 44.0 35.3 52.9

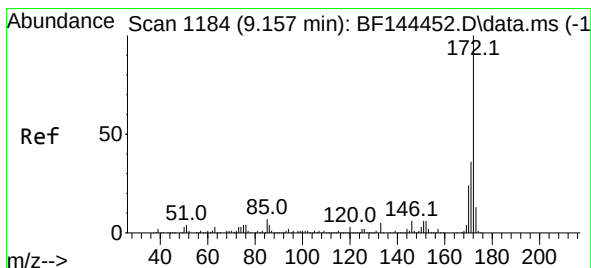
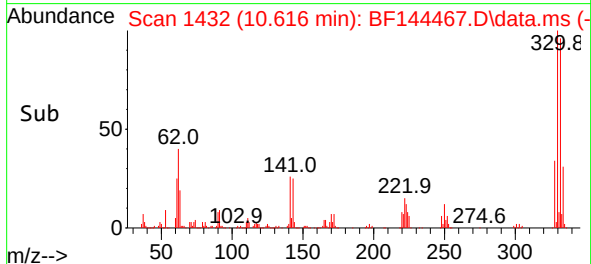
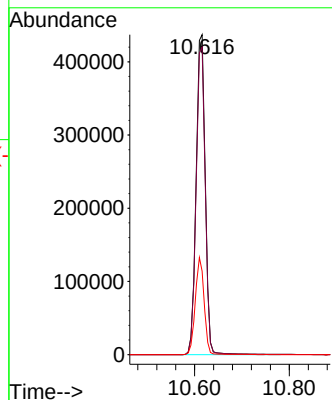
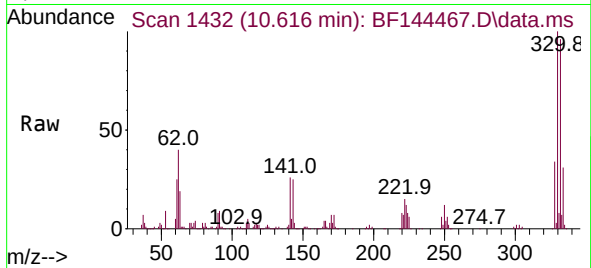




#42
2,4,6-Tribromophenol
Concen: 160.626 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF144467.D
Acq: 15 Dec 2025 11:44

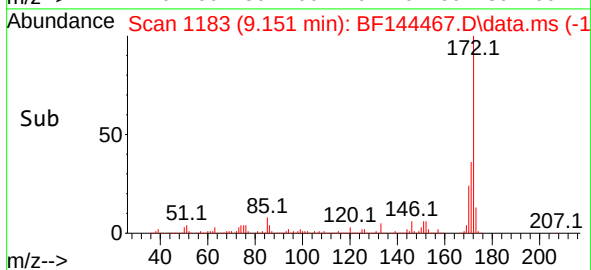
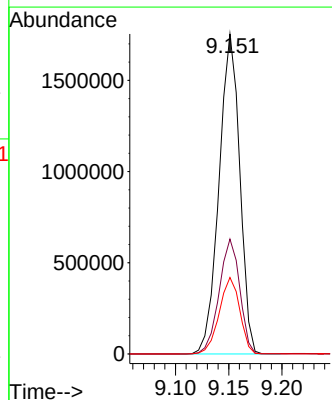
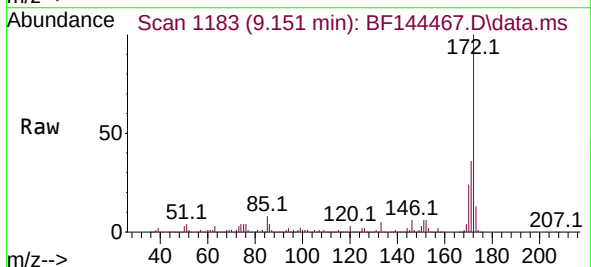
Instrument :
BNA_F
ClientSampleId :
PB170598BL

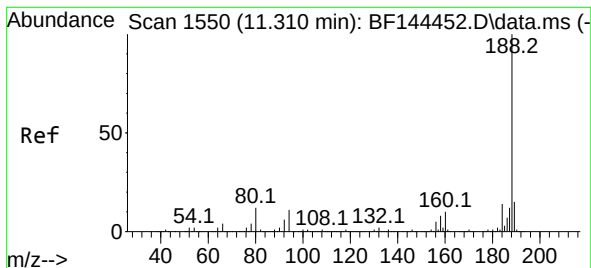
Tgt Ion:330 Resp: 585611
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 29.4 26.2 39.2



#45
2-Fluorobiphenyl
Concen: 90.407 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF144467.D
Acq: 15 Dec 2025 11:44

Tgt Ion:172 Resp: 2376473
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.9 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: BF144467.D

Acq: 15 Dec 2025 11:44

Instrument :

BNA_F

ClientSampleId :

PB170598BL

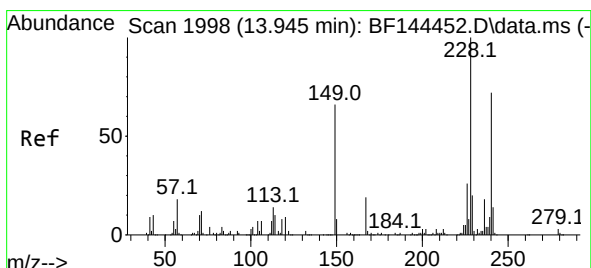
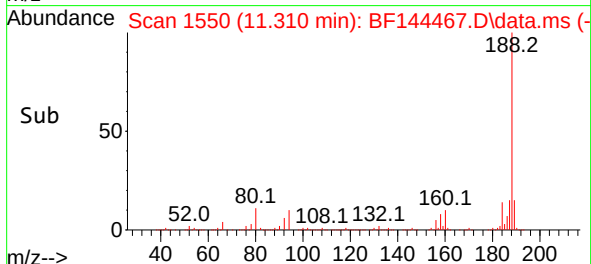
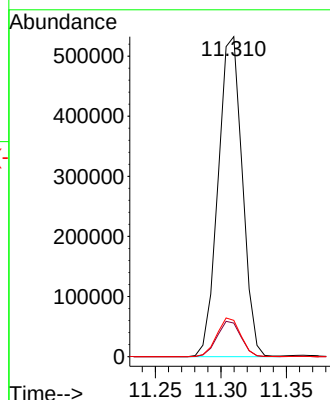
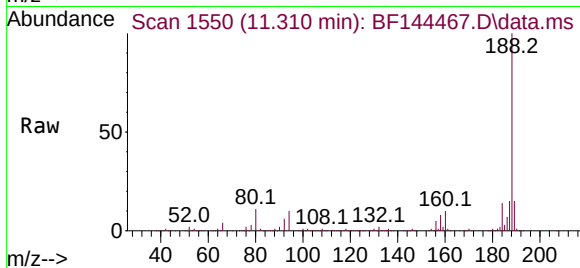
Tgt Ion:188 Resp: 684483

Ion Ratio Lower Upper

188 100

94 10.5 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: BF144467.D

Acq: 15 Dec 2025 11:44

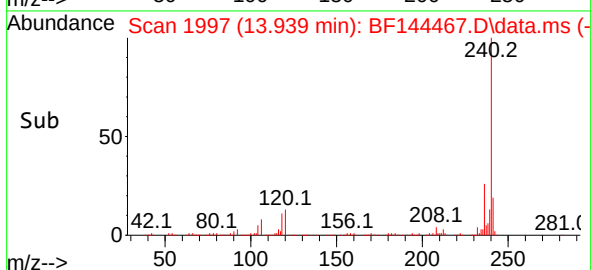
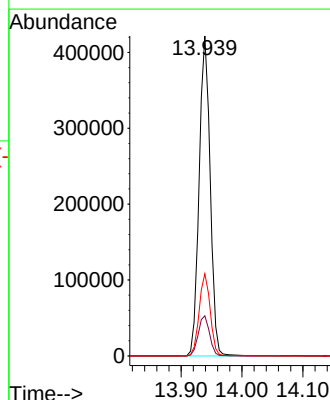
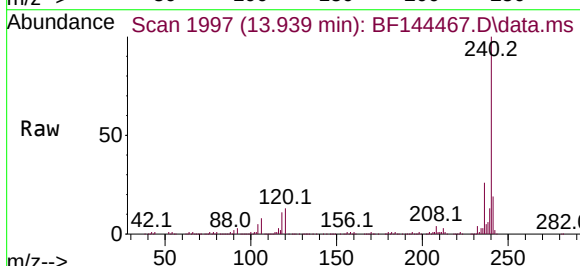
Tgt Ion:240 Resp: 530653

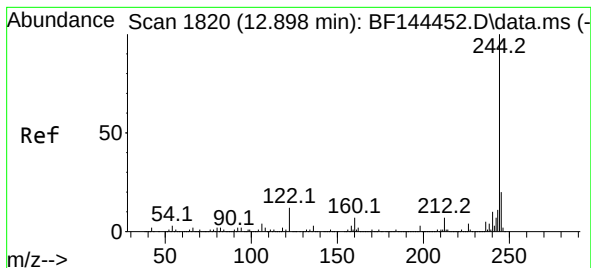
Ion Ratio Lower Upper

240 100

120 12.5 10.3 15.5

236 25.7 20.2 30.4





#79

Terphenyl-d14

Concen: 79.586 ng

RT: 12.898 min Scan# 1820

Delta R.T. -0.000 min

Lab File: BF144467.D

Acq: 15 Dec 2025 11:44

Instrument :

BNA_F

ClientSampleId :

PB170598BL

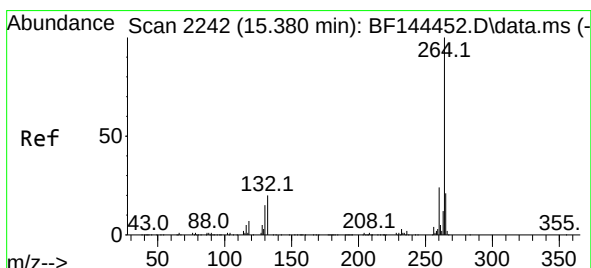
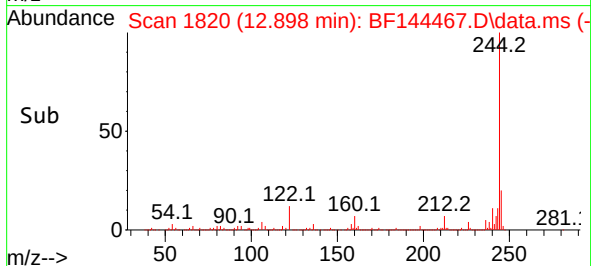
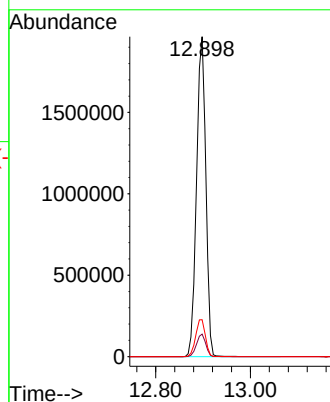
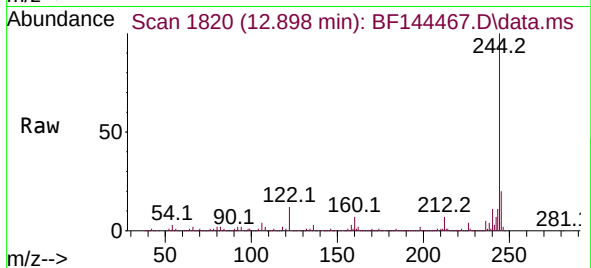
Tgt Ion:244 Resp: 2674994

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 11.5 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: BF144467.D

Acq: 15 Dec 2025 11:44

Tgt Ion:264 Resp: 387669

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.5 17.1 25.7

