

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
 Data File : BF144468.D
 Acq On : 15 Dec 2025 12:13
 Operator : RC/JU
 Sample : PB170608BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170608BL

Quant Time: Dec 15 12:35:41 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	205039	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	804195	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	428264	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	738196	20.000	ng	0.00
76) Chrysene-d12	13.939	240	605978	20.000	ng	0.00
86) Perylene-d12	15.374	264	498999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1658191	121.940	ng	0.01
7) Phenol-d6	6.416	99	2027425	119.530	ng	0.00
23) Nitrobenzene-d5	7.351	82	1223408	95.199	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	548392	141.633	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2282806	81.772	ng	0.00
79) Terphenyl-d14	12.898	244	2607688	67.939	ng	0.00

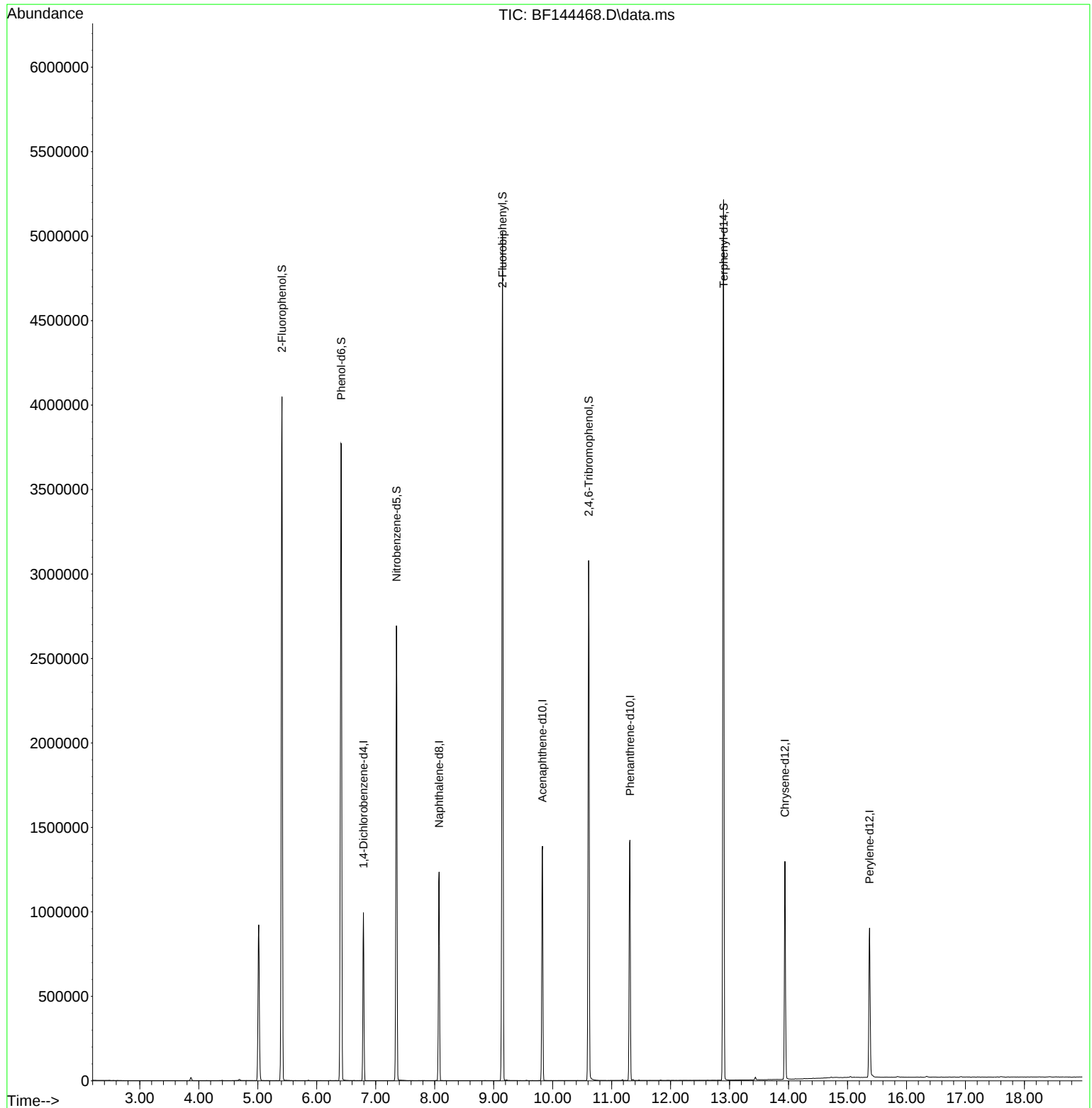
Target Compounds	Qvalue

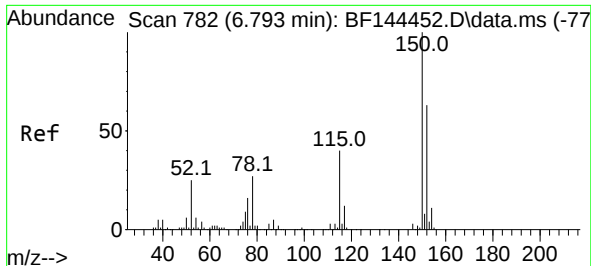
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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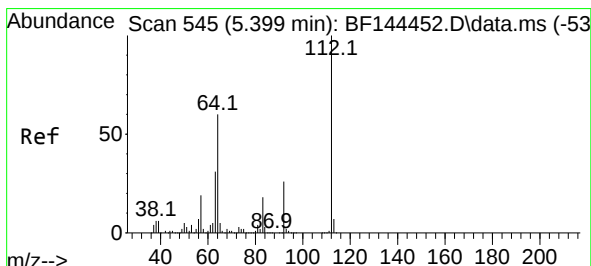
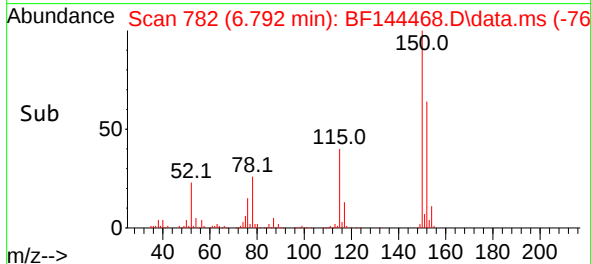
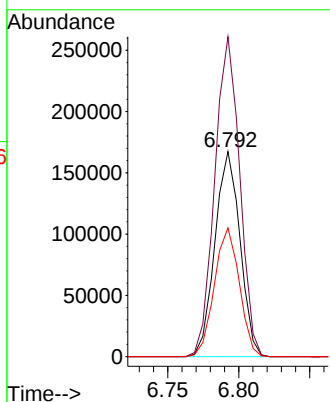
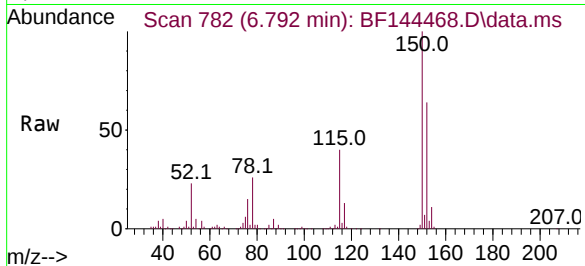




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 782
Delta R.T. -0.001 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

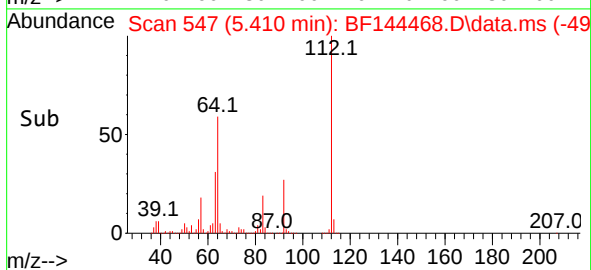
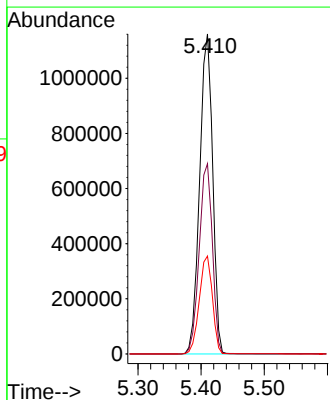
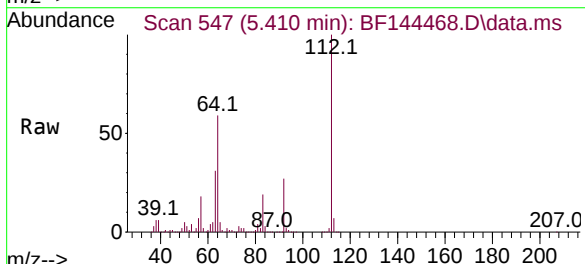
Instrument :
BNA_F
ClientSampleId :
PB170608BL

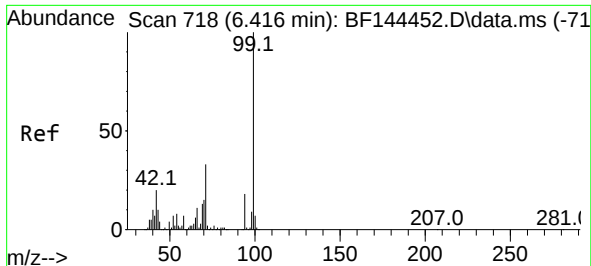
Tgt Ion:152 Resp: 205039
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.2
115 62.7 51.4 77.0



#5
2-Fluorophenol
Concen: 121.940 ng
RT: 5.410 min Scan# 547
Delta R.T. 0.012 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

Tgt Ion:112 Resp: 1658191
Ion Ratio Lower Upper
112 100
64 59.4 47.8 71.6
63 30.6 24.6 37.0

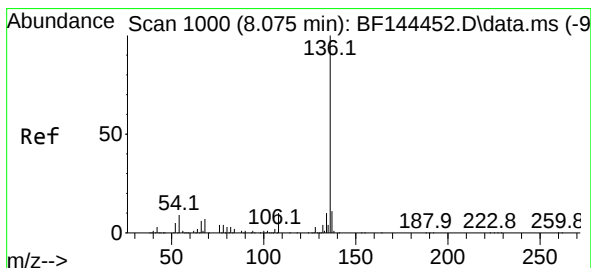
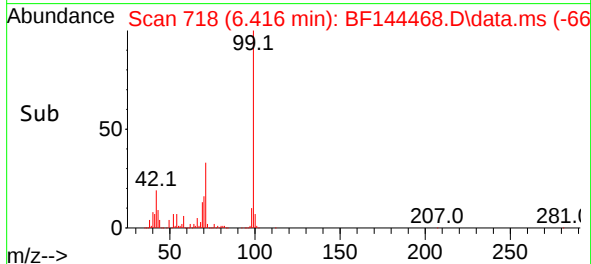
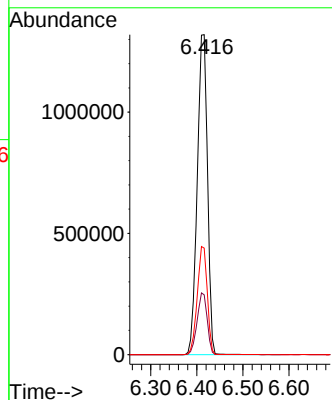
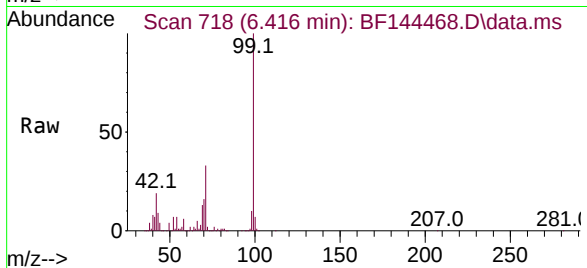




#7
Phenol-d6
Concen: 119.530 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

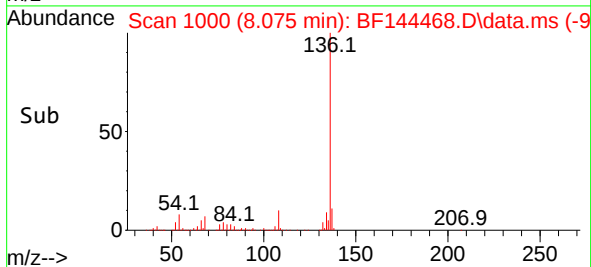
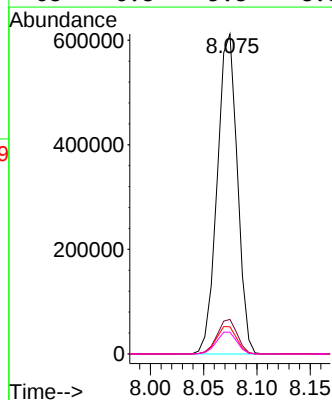
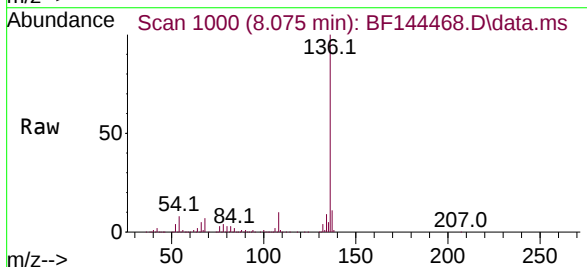
Instrument :
BNA_F
ClientSampleId :
PB170608BL

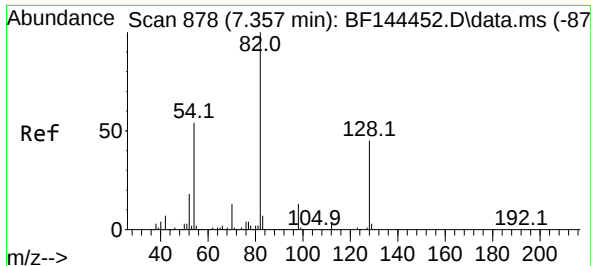
Tgt Ion: 99 Resp: 2027425
Ion Ratio Lower Upper
99 100
42 18.7 15.7 23.5
71 33.3 26.4 39.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF144468.D
Acq: 15 Dec 2025 12:13

Tgt Ion:136 Resp: 804195
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.5 7.5 11.3
68 6.8 5.8 8.8





#23

Nitrobenzene-d5

Concen: 95.199 ng

RT: 7.351 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF144468.D

Acq: 15 Dec 2025 12:13

Instrument :

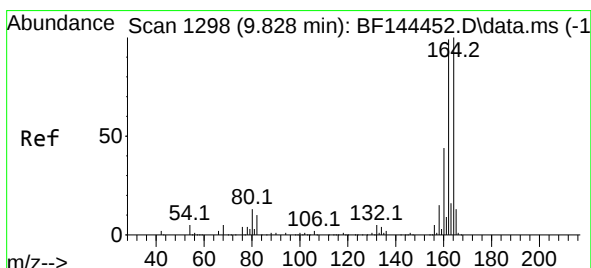
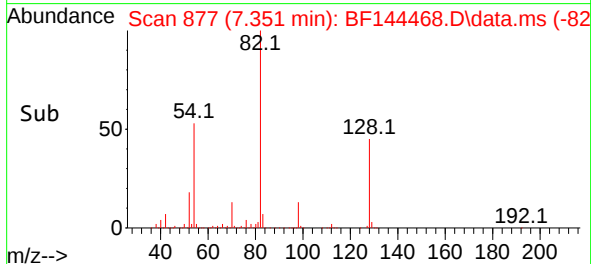
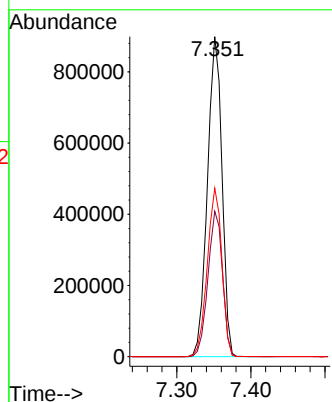
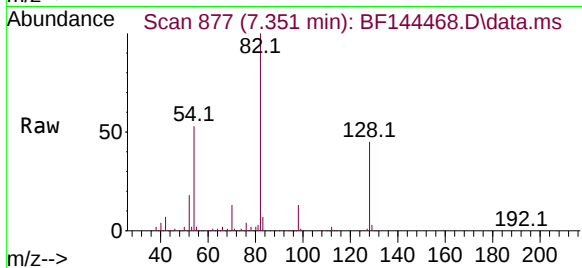
BNA_F

ClientSampleId :

PB170608BL

Tgt Ion: 82 Resp: 1223408

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.5	53.3
54	52.6	43.3	64.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1298

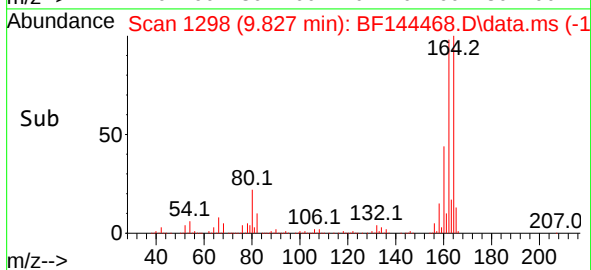
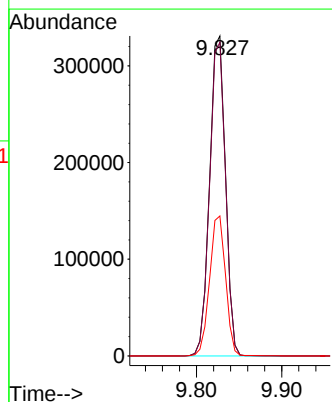
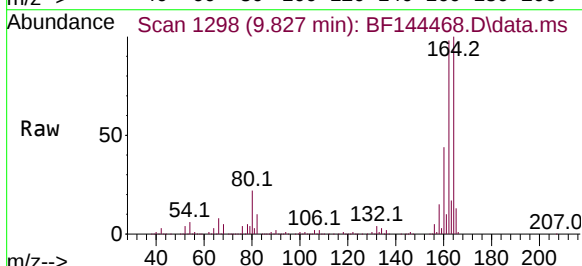
Delta R.T. -0.001 min

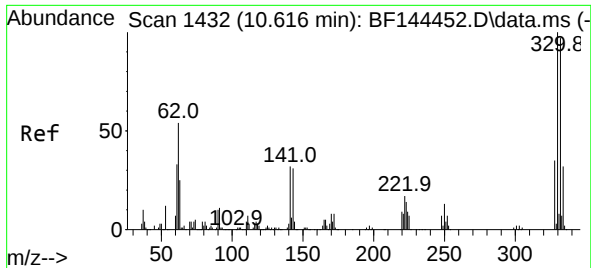
Lab File: BF144468.D

Acq: 15 Dec 2025 12:13

Tgt Ion: 164 Resp: 428264

Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.2	118.8
160	43.7	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 141.633 ng

RT: 10.610 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF144468.D

Acq: 15 Dec 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB170608BL

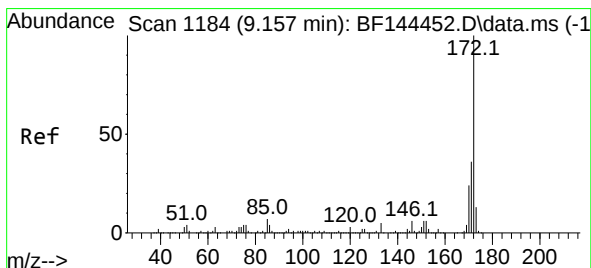
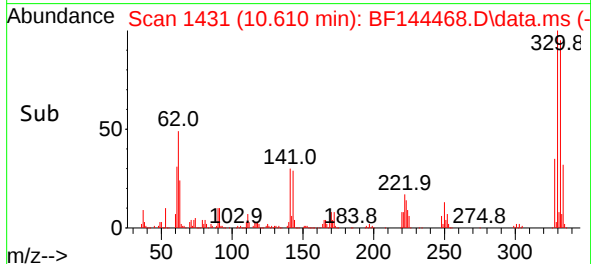
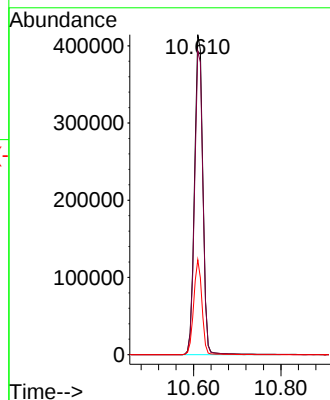
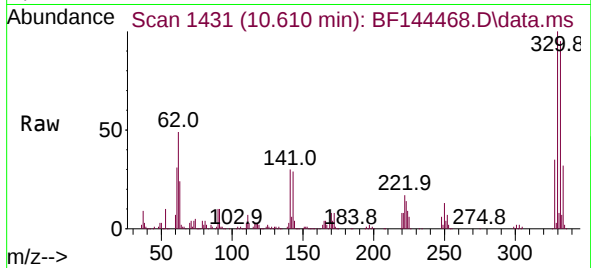
Tgt Ion:330 Resp: 548392

Ion Ratio Lower Upper

330 100

332 95.3 77.5 116.3

141 29.1 26.2 39.2



#45

2-Fluorobiphenyl

Concen: 81.772 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF144468.D

Acq: 15 Dec 2025 12:13

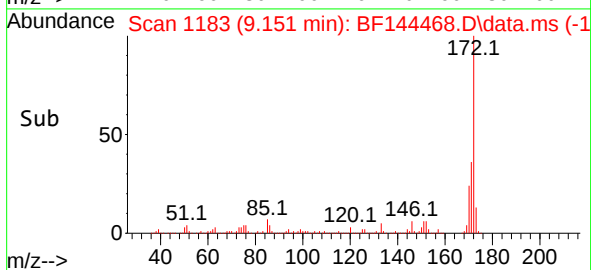
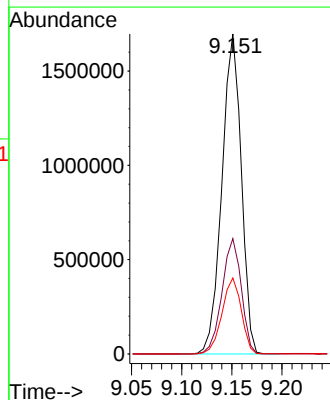
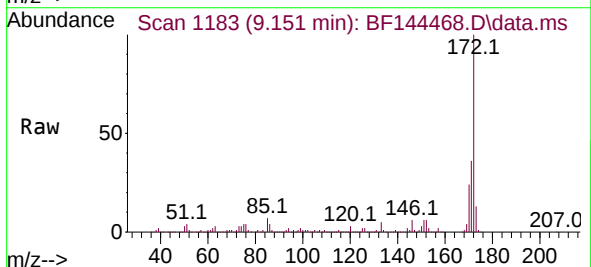
Tgt Ion:172 Resp: 2282806

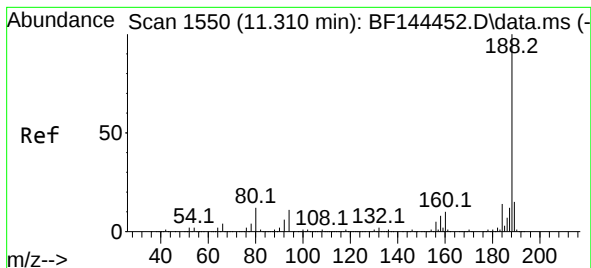
Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

170 23.7 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: BF144468.D

Acq: 15 Dec 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB170608BL

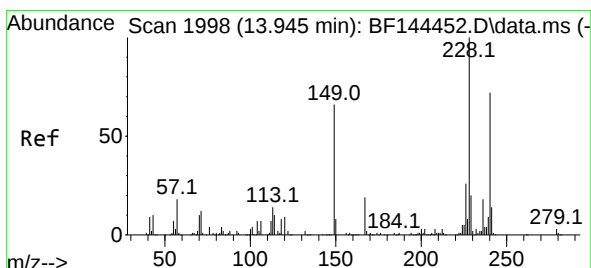
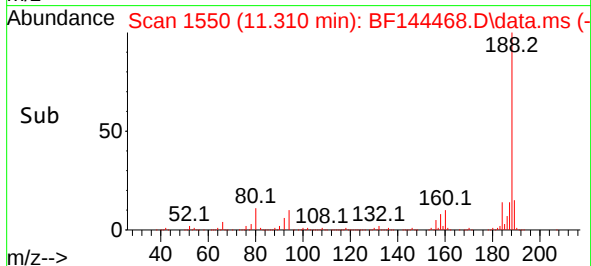
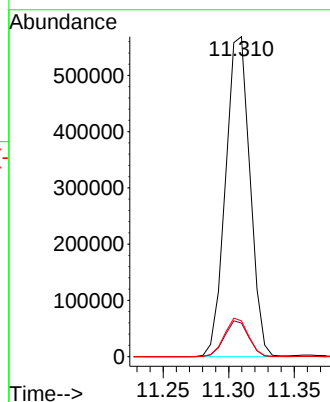
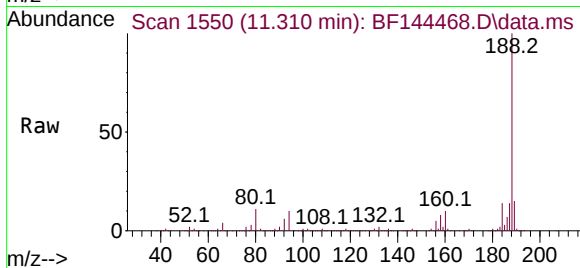
Tgt Ion:188 Resp: 738196

Ion Ratio Lower Upper

188 100

94 10.5 9.0 13.6

80 11.2 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: BF144468.D

Acq: 15 Dec 2025 12:13

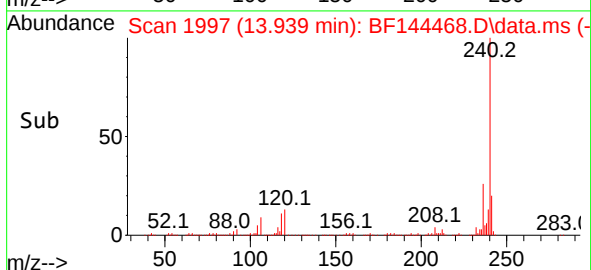
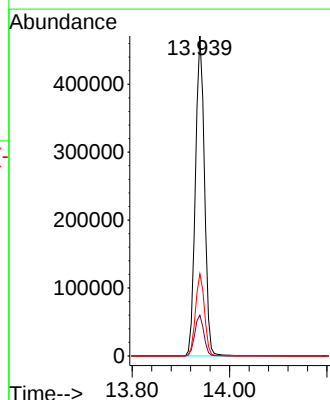
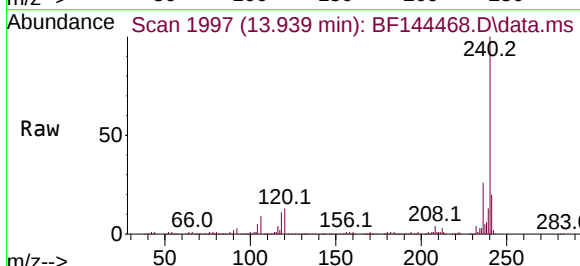
Tgt Ion:240 Resp: 605978

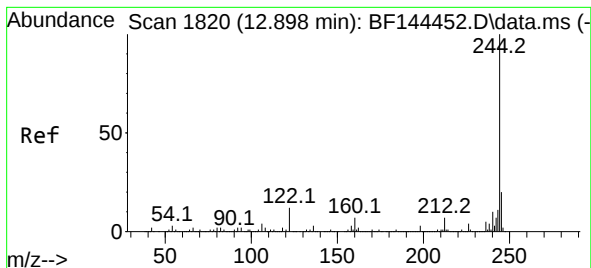
Ion Ratio Lower Upper

240 100

120 12.7 10.3 15.5

236 25.6 20.2 30.4





#79

Terphenyl-d14

Concen: 67.939 ng

RT: 12.898 min Scan# 1820

Delta R.T. -0.000 min

Lab File: BF144468.D

Acq: 15 Dec 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB170608BL

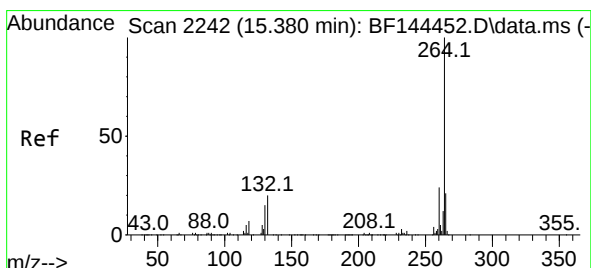
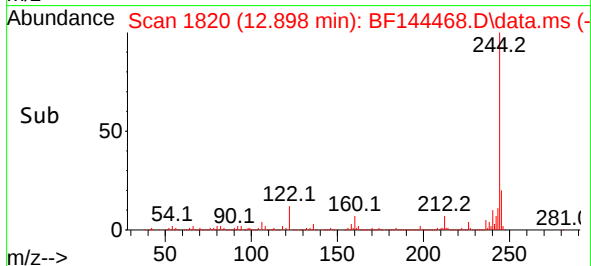
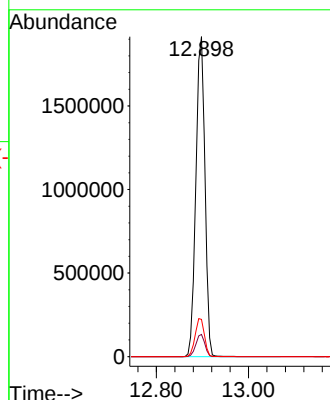
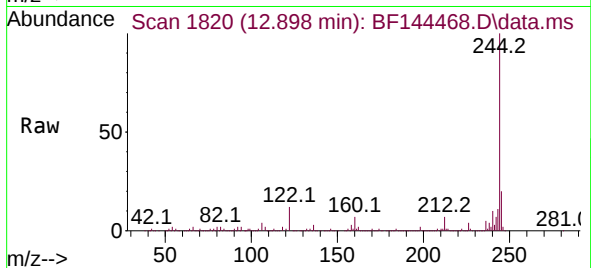
Tgt Ion:244 Resp: 2607688

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 11.6 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: BF144468.D

Acq: 15 Dec 2025 12:13

Tgt Ion:264 Resp: 498999

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.1 17.1 25.7

