

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144457.D
 Acq On : 12 Dec 2025 18:34
 Operator : RC/JU
 Sample : Q3839-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COAN3

Quant Time: Dec 12 23:32:39 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	211073	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	820560	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	442348	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	718548	20.000	ng	0.00
76) Chrysene-d12	13.939	240	467069	20.000	ng	0.00
86) Perylene-d12	15.374	264	417856	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1663548	118.836	ng	0.00
7) Phenol-d6	6.416	99	2113275	121.030	ng	0.00
23) Nitrobenzene-d5	7.351	82	1225867	93.488	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	551443	137.887	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2159778	74.902	ng	0.00
79) Terphenyl-d14	12.898	244	2244210	75.859	ng	0.00

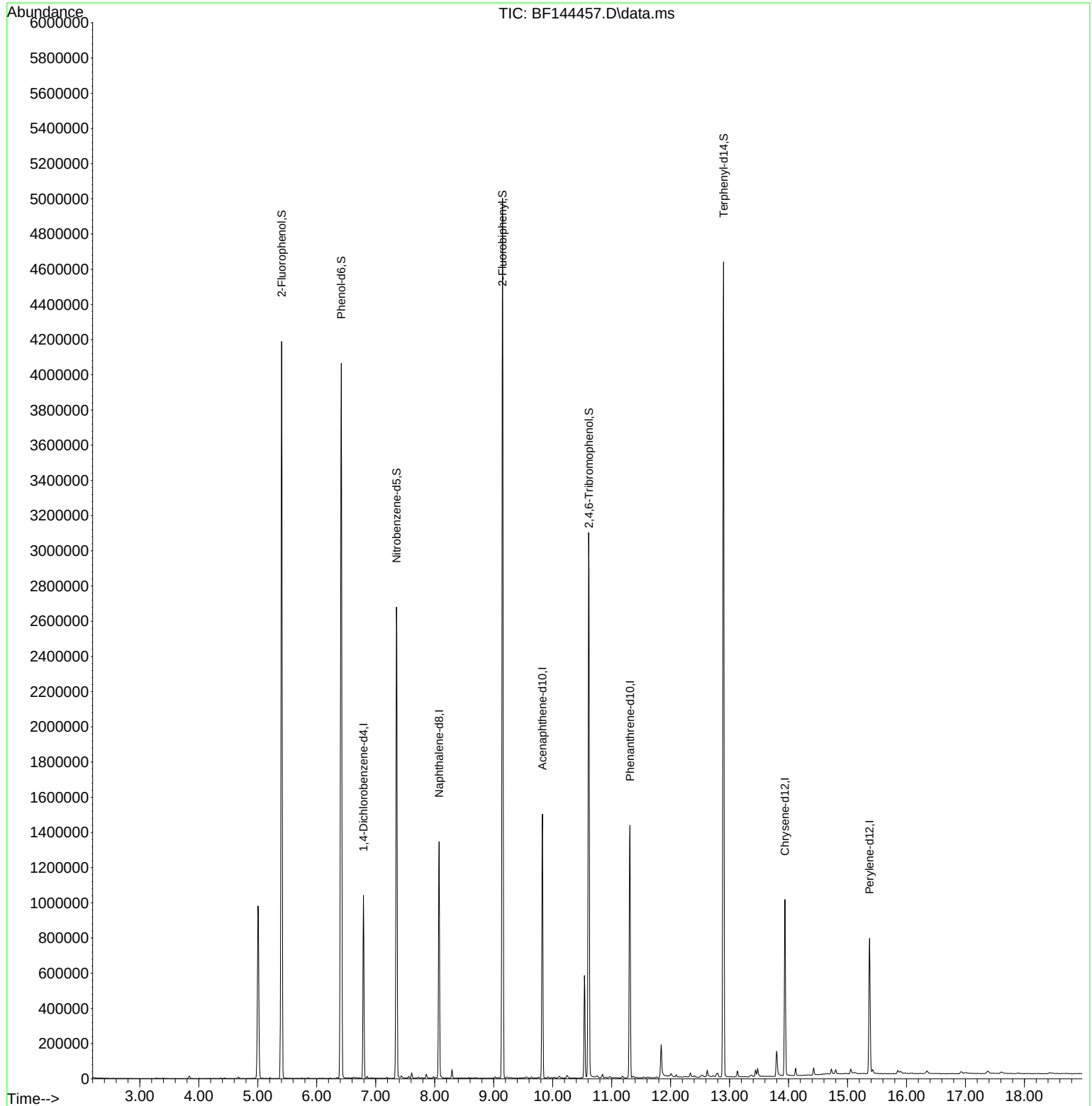
Target Compounds	Qvalue

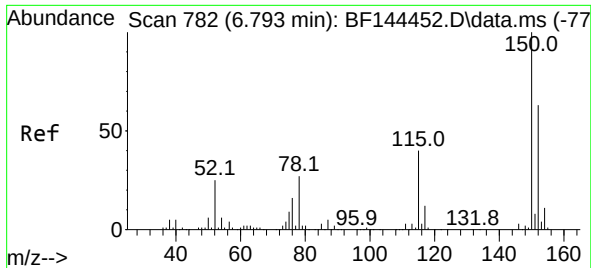
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
Data File : BF144457.D
Acq On : 12 Dec 2025 18:34
Operator : RC/JU
Sample : Q3839-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COAN3

Quant Time: Dec 12 23:32:39 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

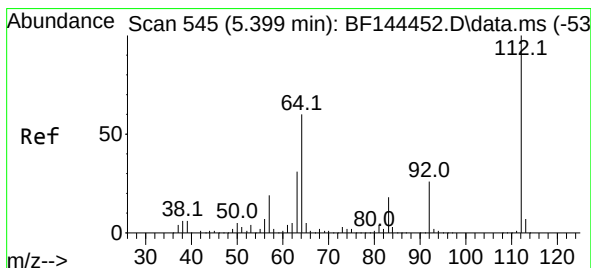
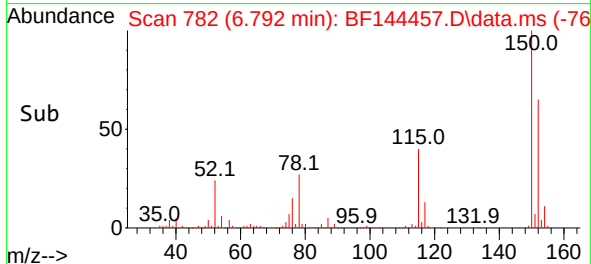
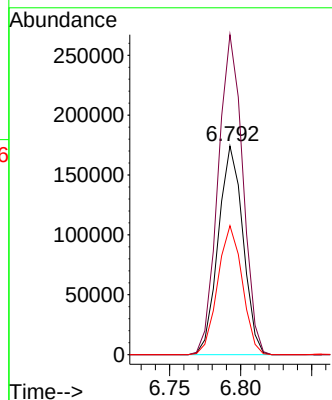
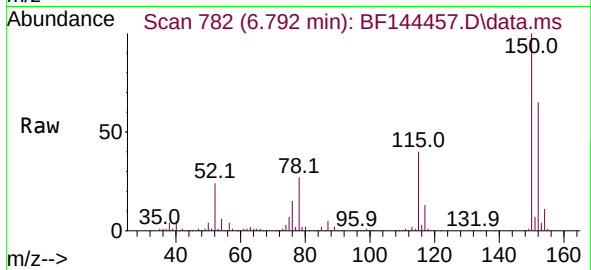




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 782
 Delta R.T. -0.001 min
 Lab File: BF144457.D
 Acq: 12 Dec 2025 18:34

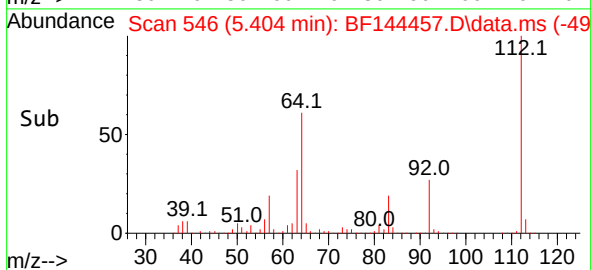
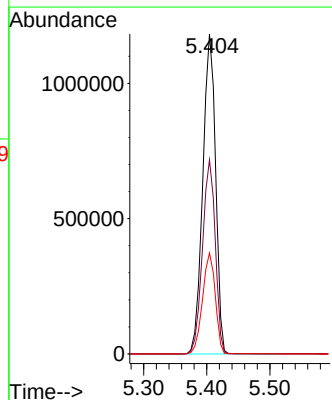
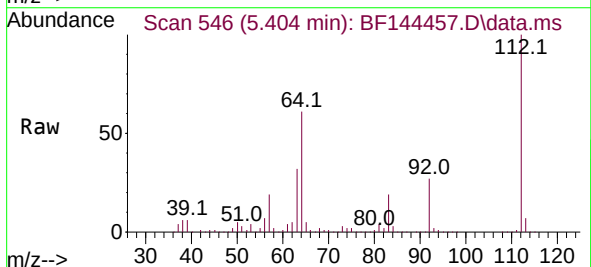
Instrument :
 BNA_F
 ClientSampleId :
 COAN3

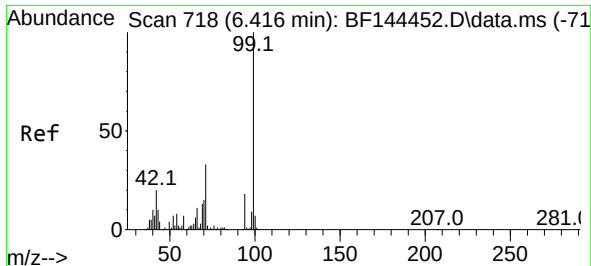
Tgt Ion:152 Resp: 211073
 Ion Ratio Lower Upper
 152 100
 150 153.4 127.4 191.2
 115 61.8 51.4 77.0



#5
 2-Fluorophenol
 Concen: 118.836 ng
 RT: 5.404 min Scan# 546
 Delta R.T. 0.006 min
 Lab File: BF144457.D
 Acq: 12 Dec 2025 18:34

Tgt Ion:112 Resp: 1663548
 Ion Ratio Lower Upper
 112 100
 64 60.6 47.8 71.6
 63 31.5 24.6 37.0





#7

Phenol-d6

Concen: 121.030 ng

RT: 6.416 min Scan# 718

Delta R.T. -0.000 min

Lab File: BF144457.D

Acq: 12 Dec 2025 18:34

Instrument :

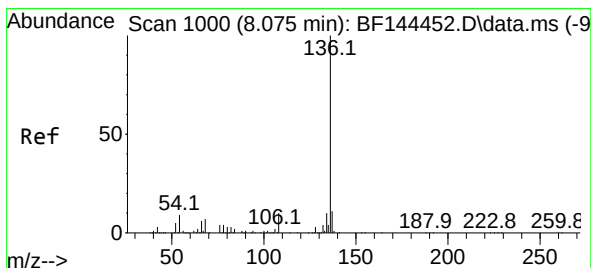
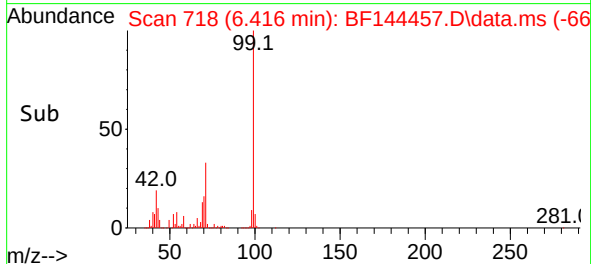
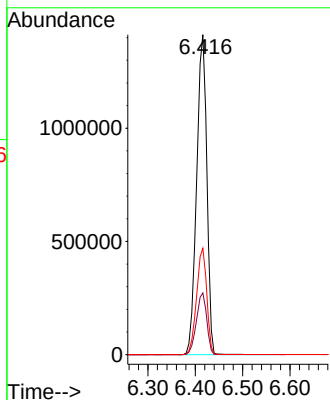
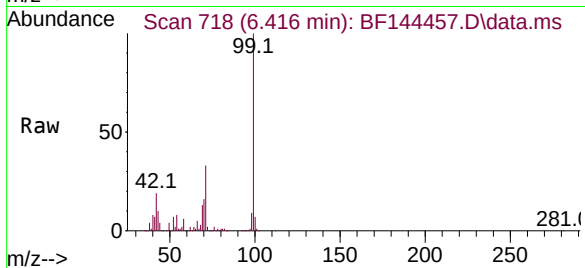
BNA_F

ClientSampleId :

COAN3

Tgt Ion: 99 Resp: 2113275

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.7	23.5
71	33.2	26.4	39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1000

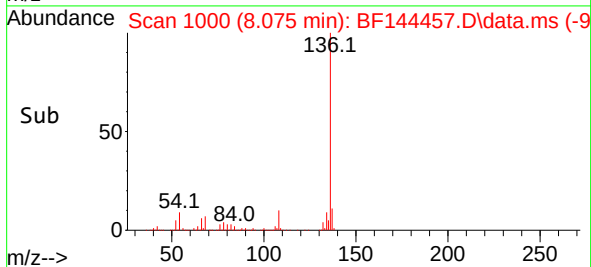
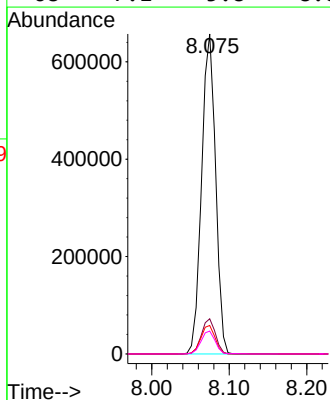
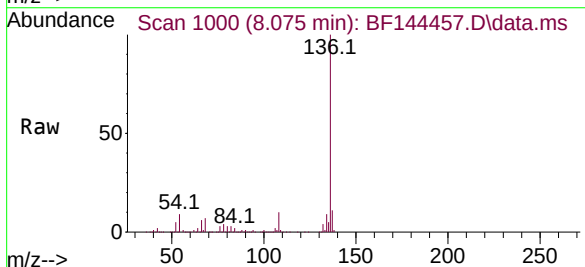
Delta R.T. -0.000 min

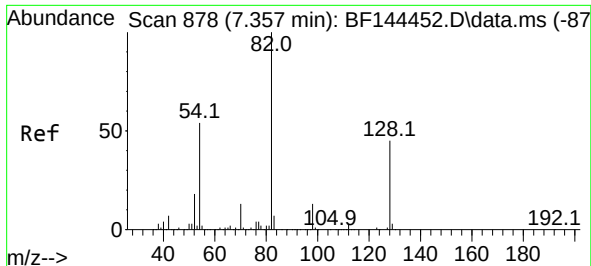
Lab File: BF144457.D

Acq: 12 Dec 2025 18:34

Tgt Ion: 136 Resp: 820560

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.9	7.5	11.3
68	7.1	5.8	8.8





#23

Nitrobenzene-d5

Concen: 93.488 ng

RT: 7.351 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF144457.D

Acq: 12 Dec 2025 18:34

Instrument :

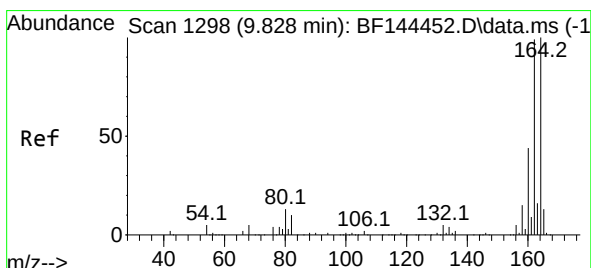
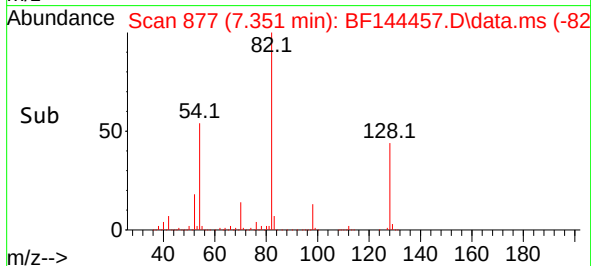
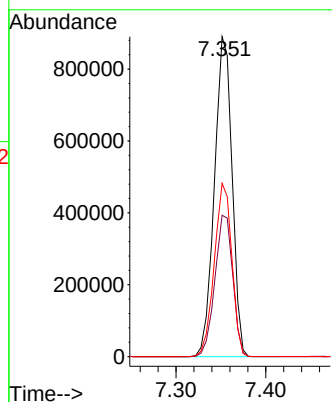
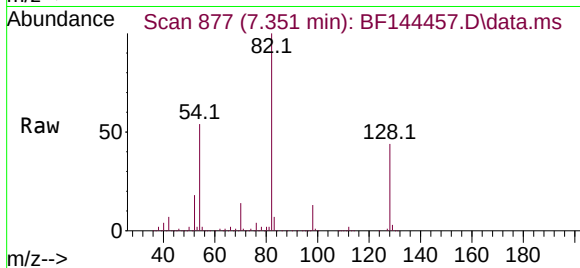
BNA_F

ClientSampleId :

COAN3

Tgt Ion: 82 Resp: 1225867

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.5	53.3
54	54.2	43.3	64.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1298

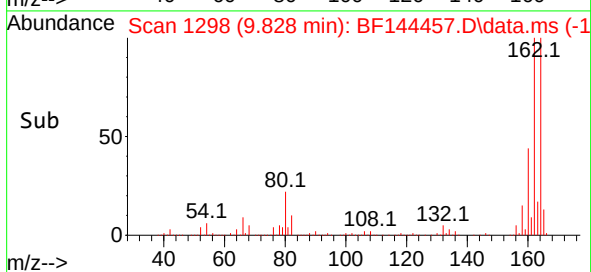
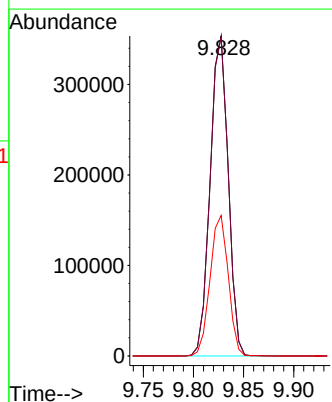
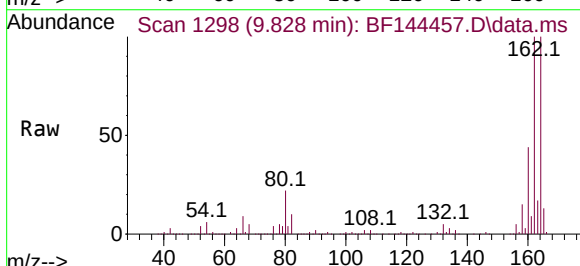
Delta R.T. -0.000 min

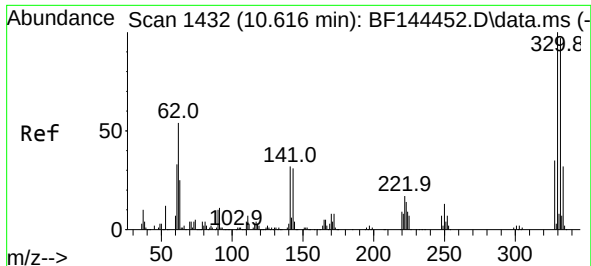
Lab File: BF144457.D

Acq: 12 Dec 2025 18:34

Tgt Ion:164 Resp: 442348

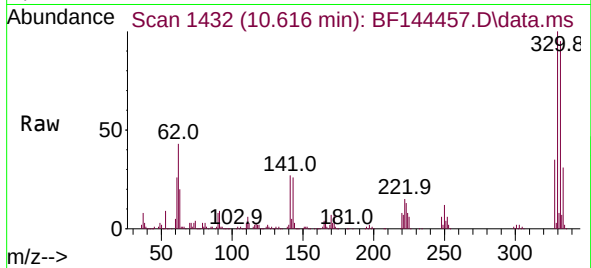
Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.2	118.8
160	43.9	35.3	52.9



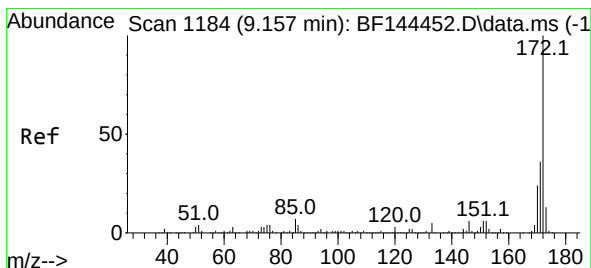
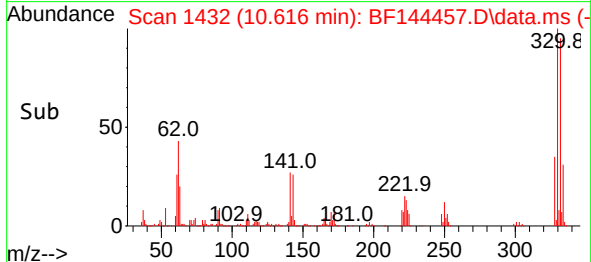
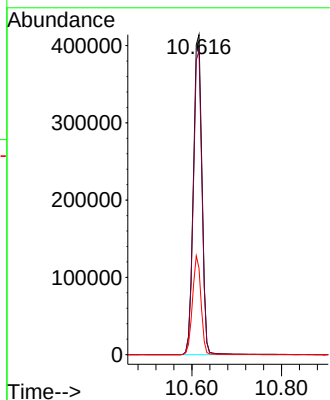


#42
2,4,6-Tribromophenol
Concen: 137.887 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF144457.D
Acq: 12 Dec 2025 18:34

Instrument :
BNA_F
ClientSampleId :
COAN3

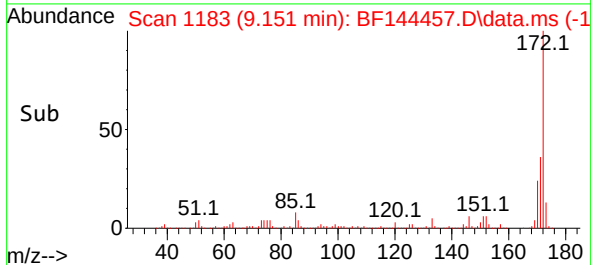
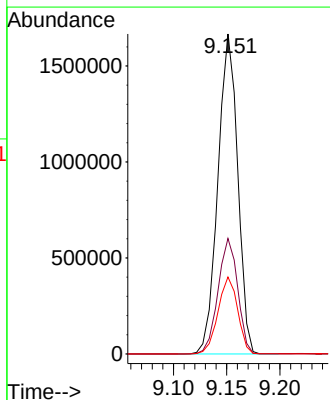
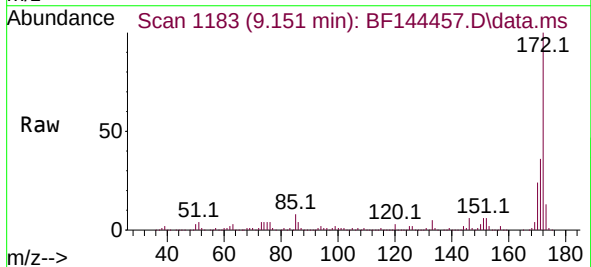


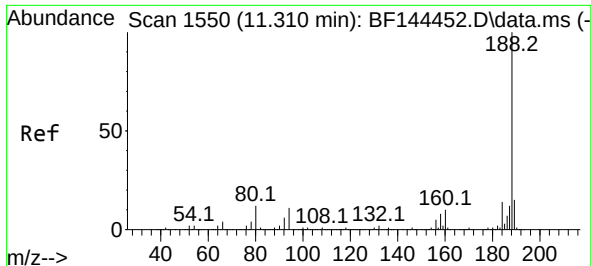
Tgt Ion:330 Resp: 551443
Ion Ratio Lower Upper
330 100
332 95.0 77.5 116.3
141 30.4 26.2 39.2



#45
2-Fluorobiphenyl
Concen: 74.902 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF144457.D
Acq: 12 Dec 2025 18:34

Tgt Ion:172 Resp: 2159778
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.0 19.3 28.9

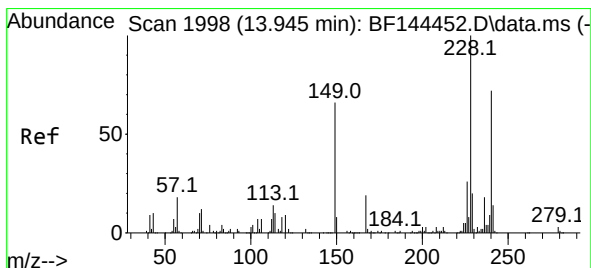
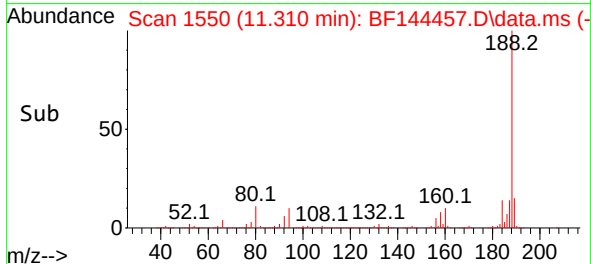
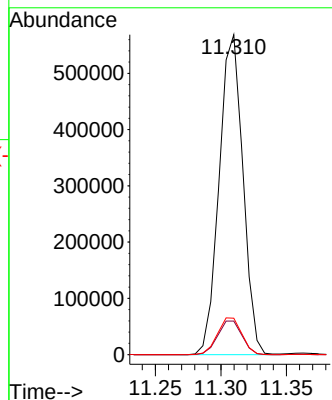
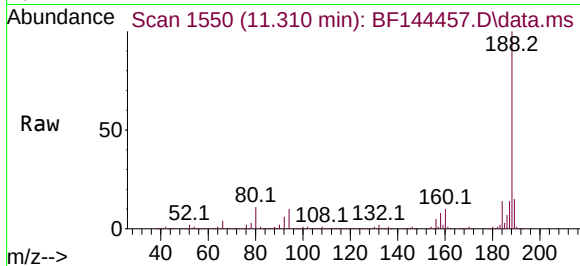




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144457.D
Acq: 12 Dec 2025 18:34

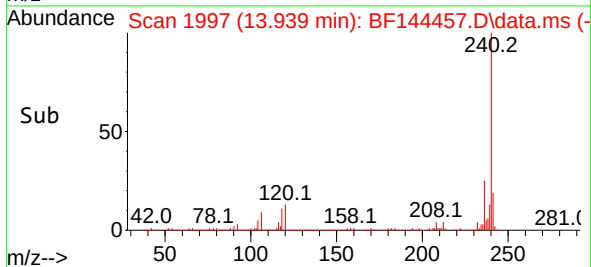
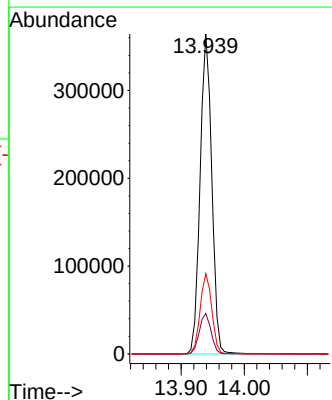
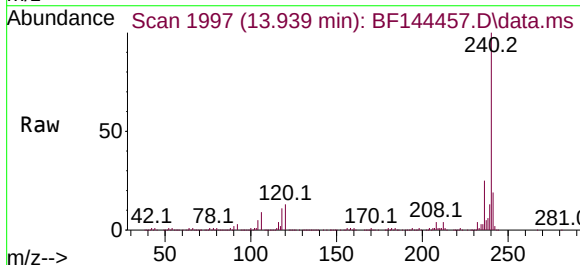
Instrument :
BNA_F
ClientSampleId :
COAN3

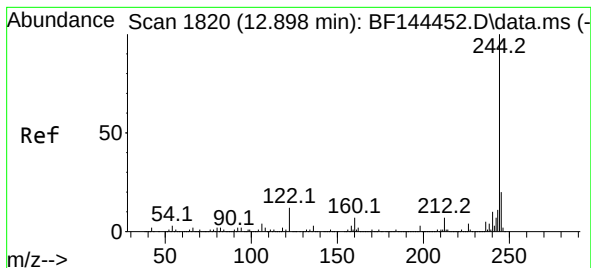
Tgt Ion:188 Resp: 718548
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.6
80 11.4 9.8 14.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF144457.D
Acq: 12 Dec 2025 18:34

Tgt Ion:240 Resp: 467069
Ion Ratio Lower Upper
240 100
120 12.6 10.3 15.5
236 25.1 20.2 30.4





#79

Terphenyl-d14

Concen: 75.859 ng

RT: 12.898 min Scan# 1820

Delta R.T. -0.000 min

Lab File: BF144457.D

Acq: 12 Dec 2025 18:34

Instrument :

BNA_F

ClientSampleId :

COAN3

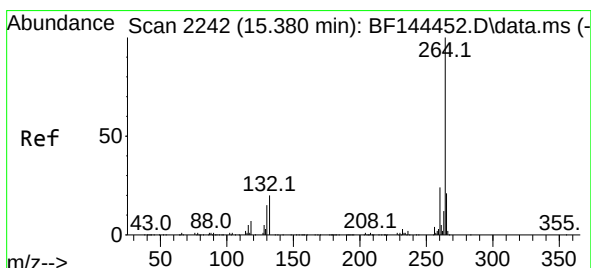
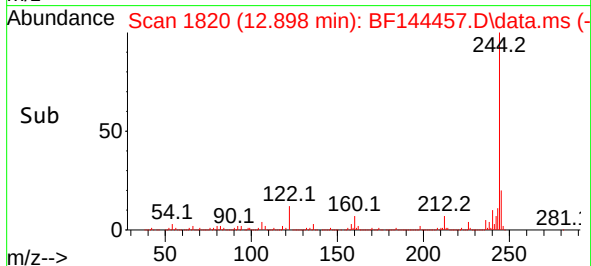
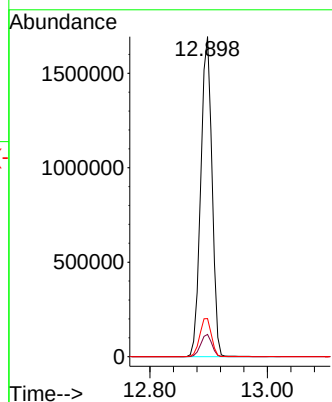
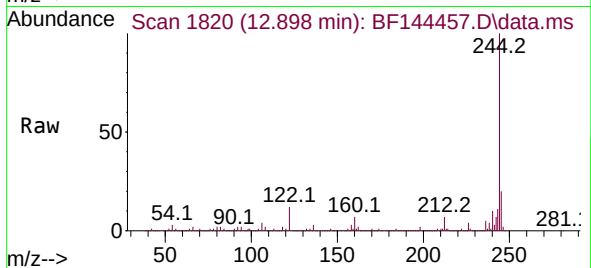
Tgt Ion:244 Resp: 2244210

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 11.9 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: BF144457.D

Acq: 12 Dec 2025 18:34

Tgt Ion:264 Resp: 417856

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.8 17.1 25.7

