

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144458.D
 Acq On : 12 Dec 2025 19:03
 Operator : RC/JU
 Sample : Q3839-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AN4

Quant Time: Dec 12 23:33:01 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)

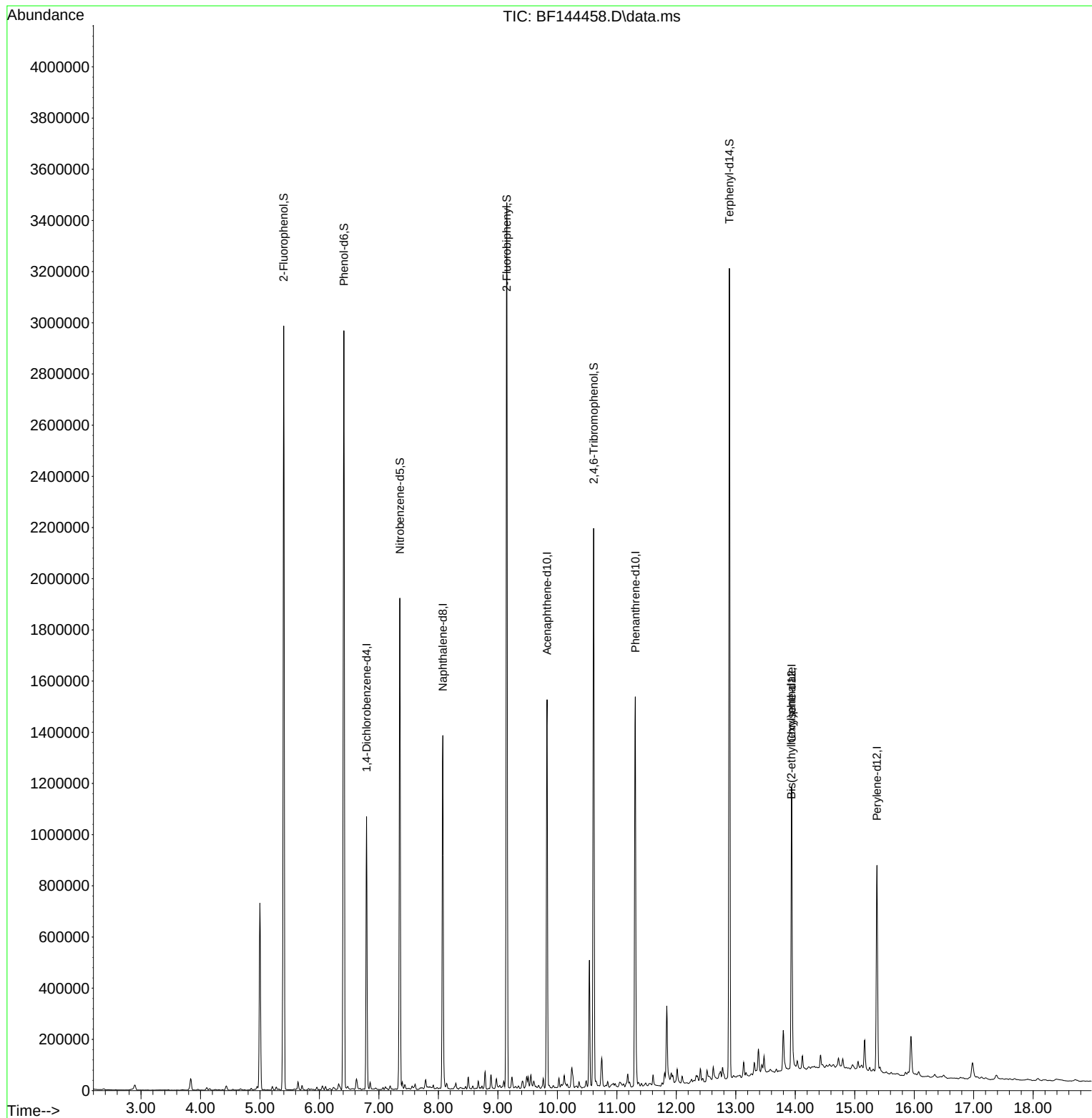
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	214898	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	837741	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	453322	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	763657	20.000	ng	0.00
76) Chrysene-d12	13.939	240	505911	20.000	ng	0.00
86) Perylene-d12	15.374	264	445129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1119678	78.561	ng	0.00
7) Phenol-d6	6.410	99	1416048	79.655	ng	0.00
23) Nitrobenzene-d5	7.351	82	821365	61.355	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	360825	88.039	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1506319	50.975	ng	0.00
79) Terphenyl-d14	12.892	244	1467249	45.788	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.933	149	3192	3.074	ng	Qvalue # 87

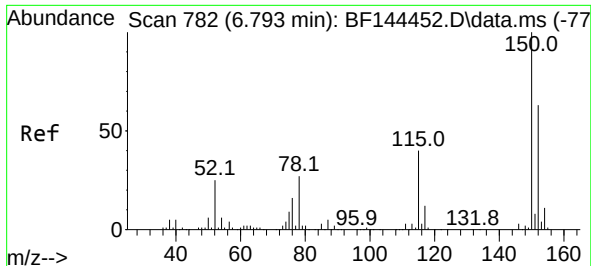
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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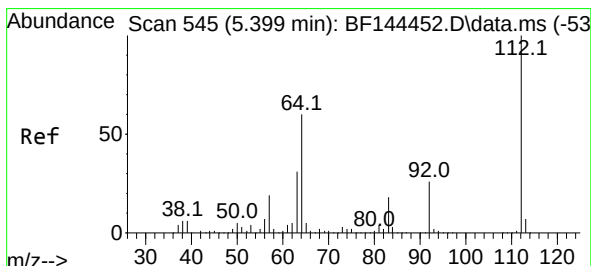
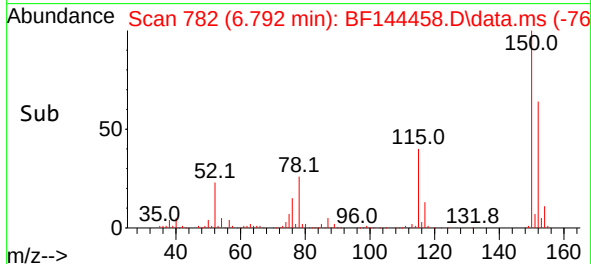
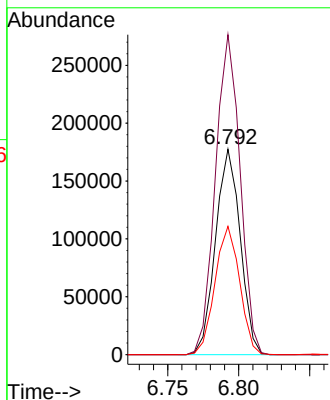
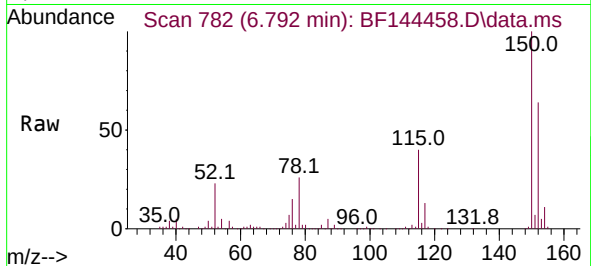




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 782
Delta R.T. -0.001 min
Lab File: BF144458.D
Acq: 12 Dec 2025 19:03

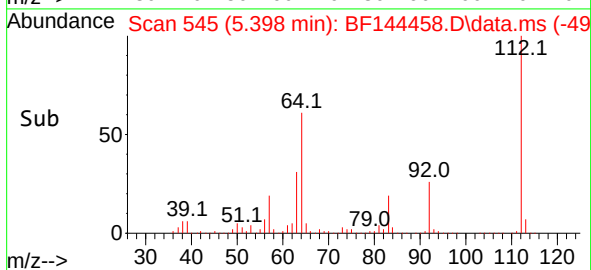
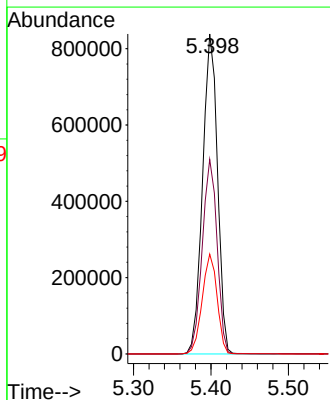
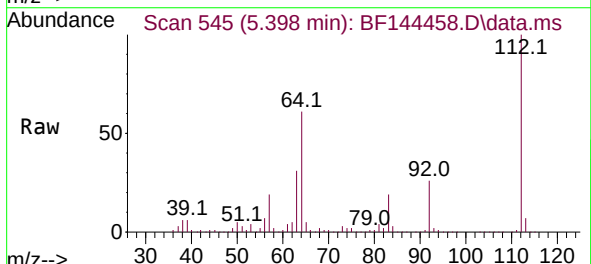
Instrument :
BNA_F
ClientSampleId :
COAN4

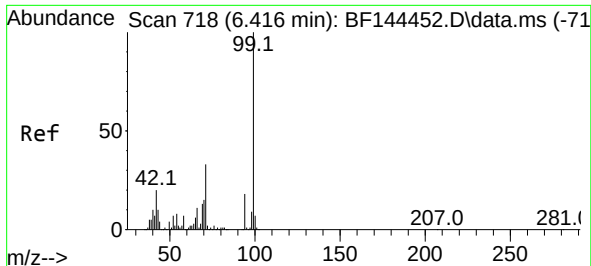
Tgt Ion:152 Resp: 214898
Ion Ratio Lower Upper
152 100
150 155.8 127.4 191.2
115 62.4 51.4 77.0



#5
2-Fluorophenol
Concen: 78.561 ng
RT: 5.398 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF144458.D
Acq: 12 Dec 2025 19:03

Tgt Ion:112 Resp: 1119678
Ion Ratio Lower Upper
112 100
64 60.8 47.8 71.6
63 31.2 24.6 37.0





#7

Phenol-d6

Concen: 79.655 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144458.D

Acq: 12 Dec 2025 19:03

Instrument :

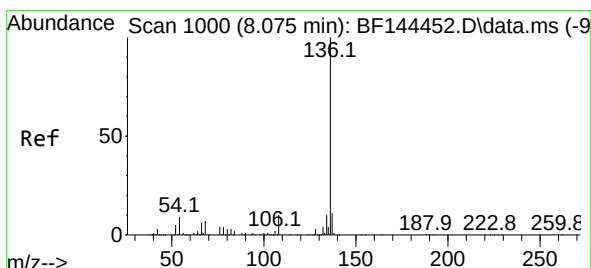
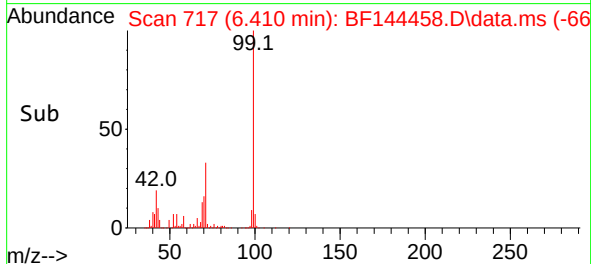
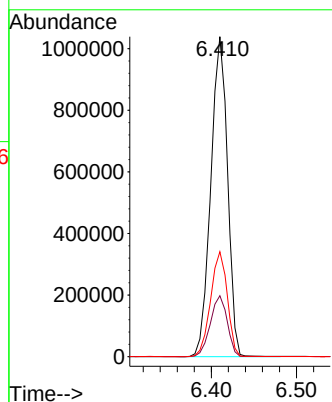
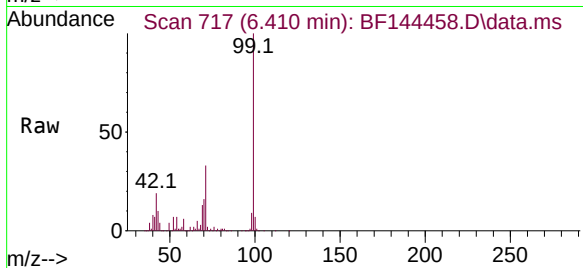
BNA_F

ClientSampleId :

C0AN4

Tgt Ion: 99 Resp: 1416048

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.7	23.5
71	32.8	26.4	39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1000

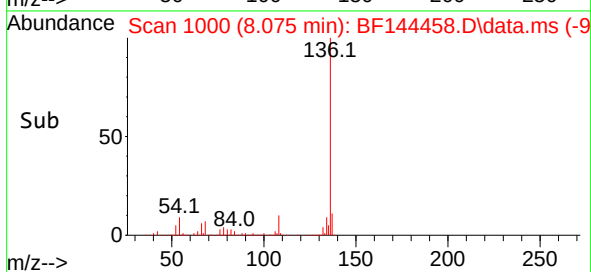
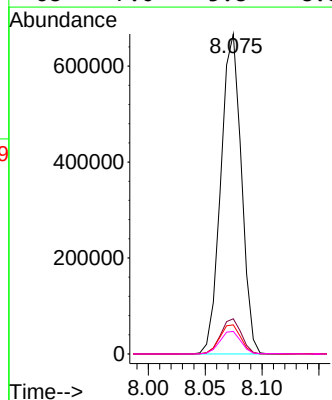
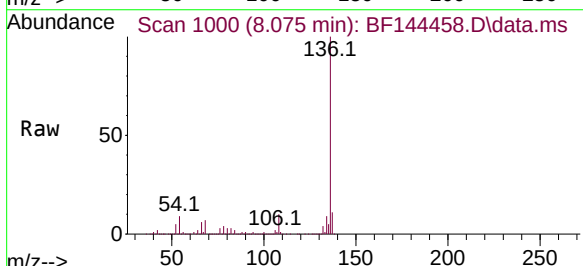
Delta R.T. -0.000 min

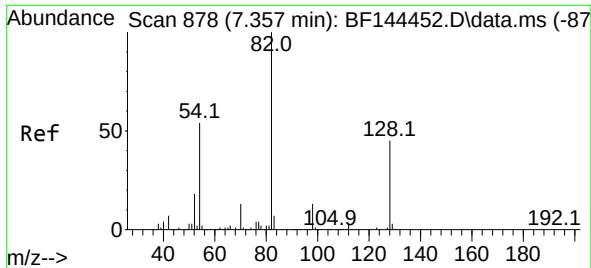
Lab File: BF144458.D

Acq: 12 Dec 2025 19:03

Tgt Ion: 136 Resp: 837741

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.1	7.5	11.3
68	7.0	5.8	8.8

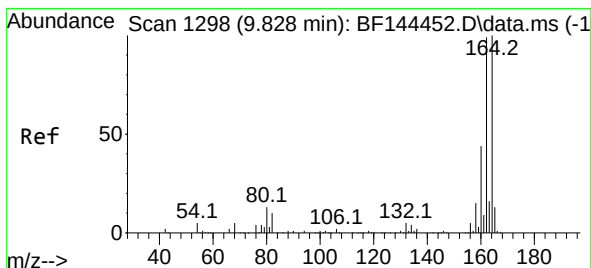
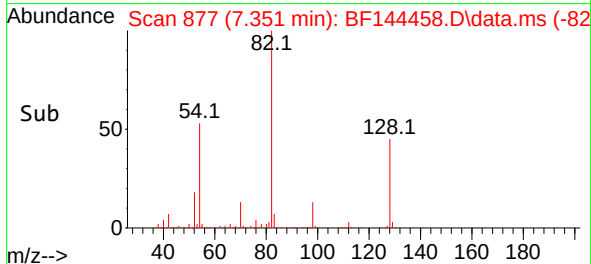
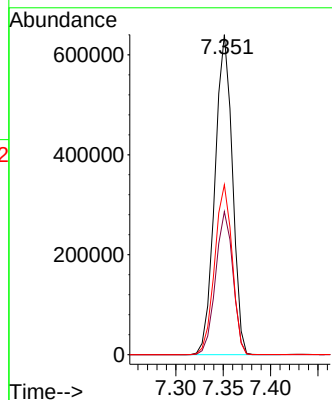
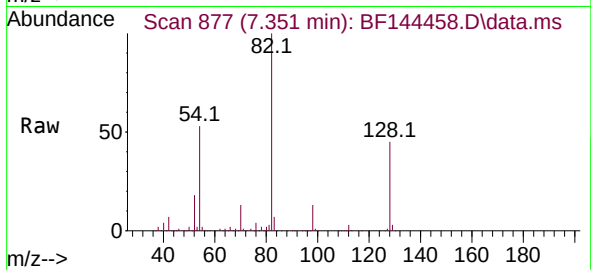




#23
Nitrobenzene-d5
Concen: 61.355 ng
RT: 7.351 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144458.D
Acq: 12 Dec 2025 19:03

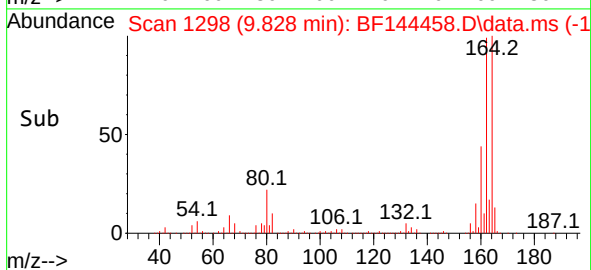
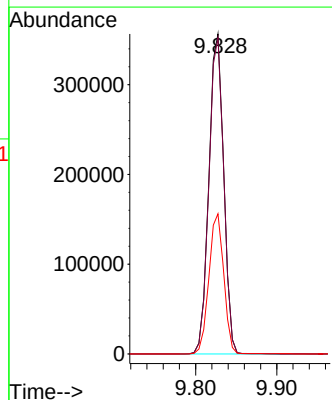
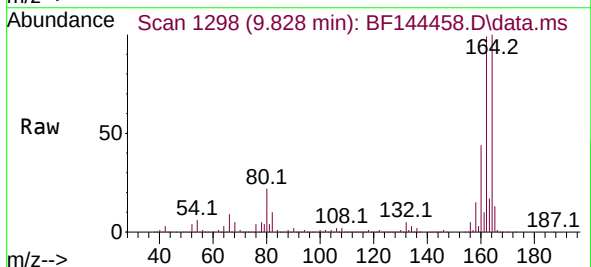
Instrument :
BNA_F
ClientSampleId :
C0AN4

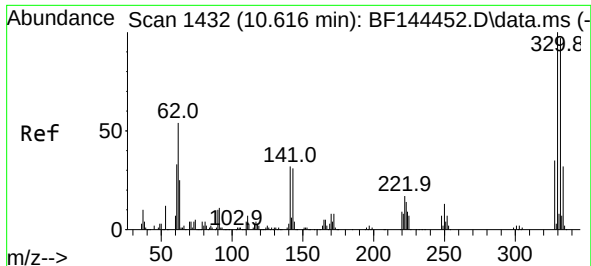
Tgt Ion: 82 Resp: 821365
Ion Ratio Lower Upper
82 100
128 44.7 35.5 53.3
54 53.1 43.3 64.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF144458.D
Acq: 12 Dec 2025 19:03

Tgt Ion:164 Resp: 453322
Ion Ratio Lower Upper
164 100
162 98.8 79.2 118.8
160 43.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 88.039 ng

RT: 10.610 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF144458.D

Acq: 12 Dec 2025 19:03

Instrument :

BNA_F

ClientSampleId :

C0AN4

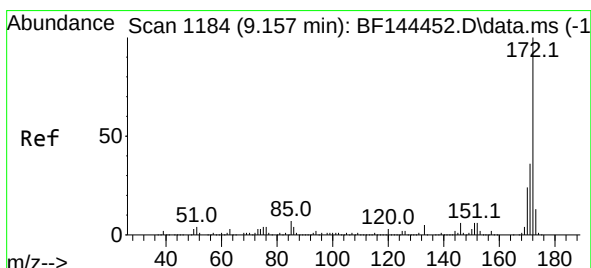
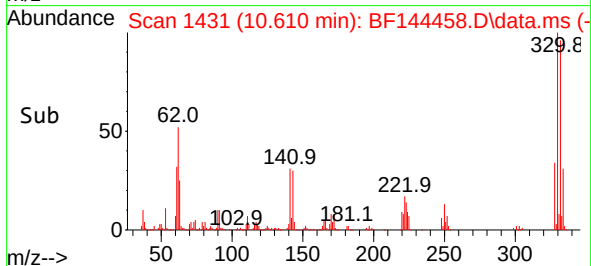
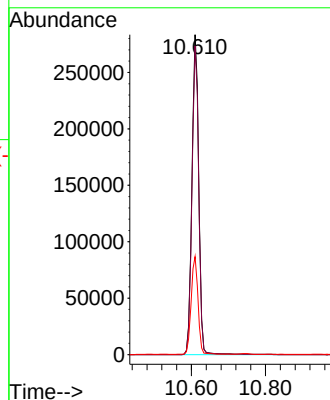
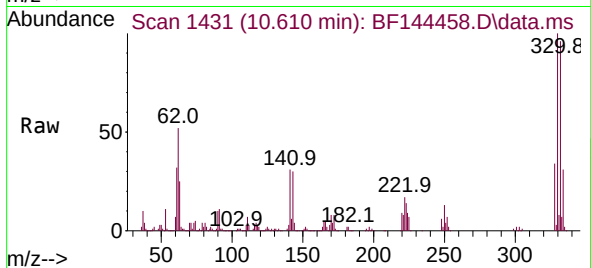
Tgt Ion:330 Resp: 360825

Ion Ratio Lower Upper

330 100

332 95.9 77.5 116.3

141 30.8 26.2 39.2



#45

2-Fluorobiphenyl

Concen: 50.975 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF144458.D

Acq: 12 Dec 2025 19:03

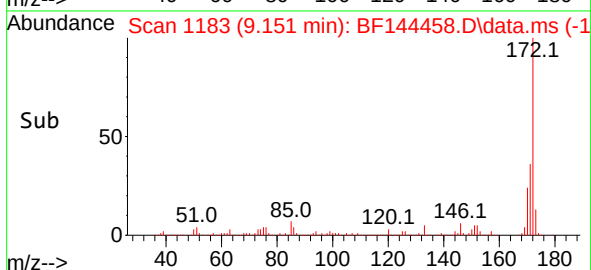
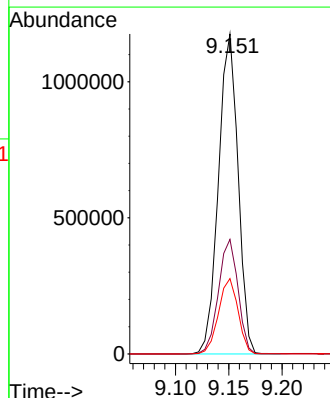
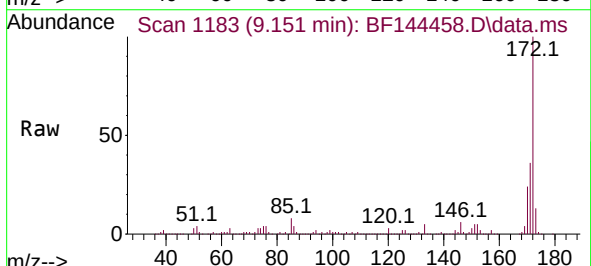
Tgt Ion:172 Resp: 1506319

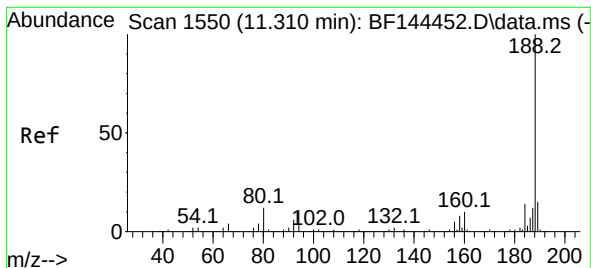
Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.5 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: BF144458.D

Acq: 12 Dec 2025 19:03

Instrument :

BNA_F

ClientSampleId :

COAN4

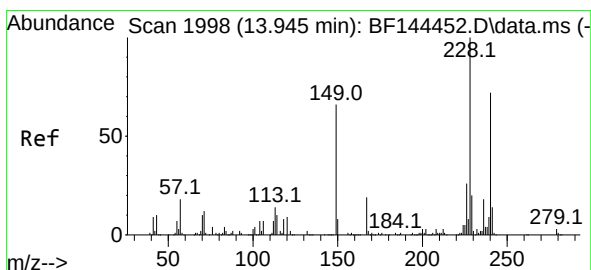
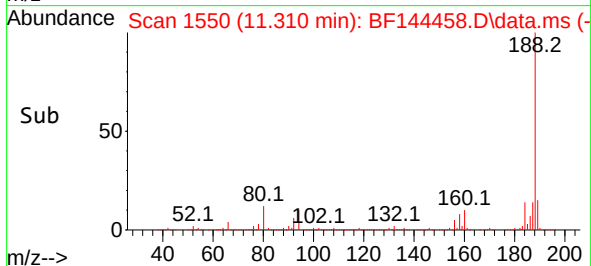
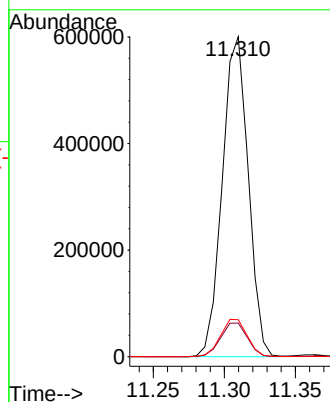
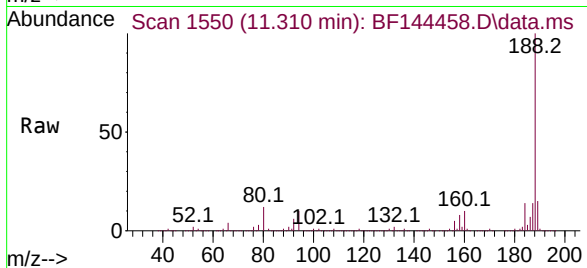
Tgt Ion:188 Resp: 763657

Ion Ratio Lower Upper

188 100

94 10.5 9.0 13.6

80 11.5 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: BF144458.D

Acq: 12 Dec 2025 19:03

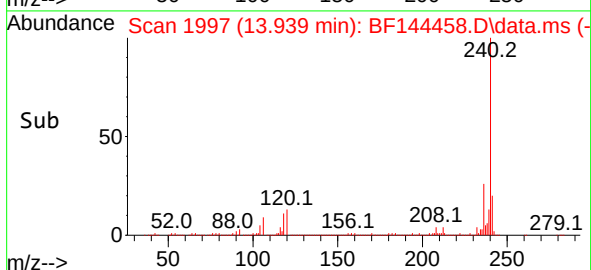
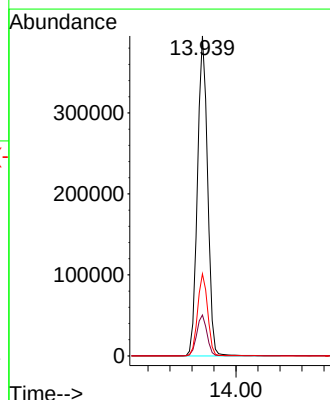
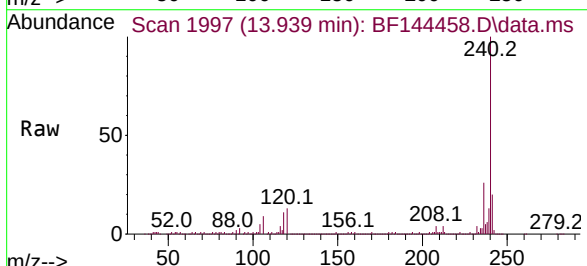
Tgt Ion:240 Resp: 505911

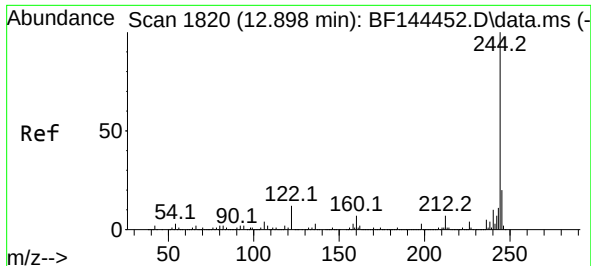
Ion Ratio Lower Upper

240 100

120 12.8 10.3 15.5

236 25.6 20.2 30.4

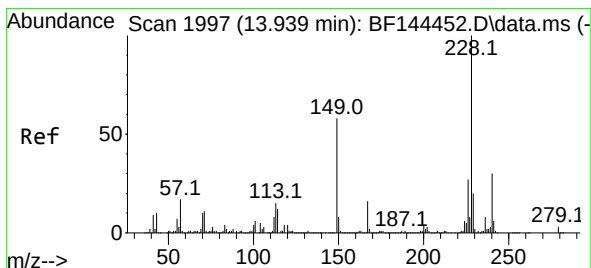
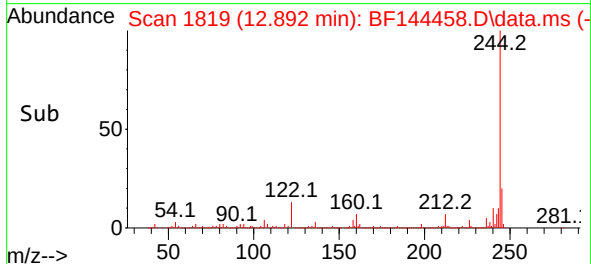
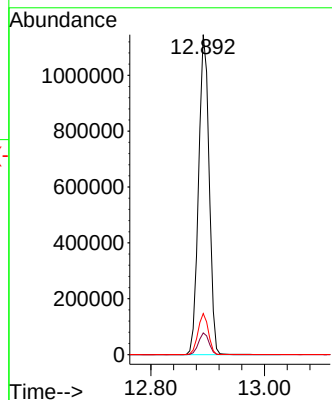
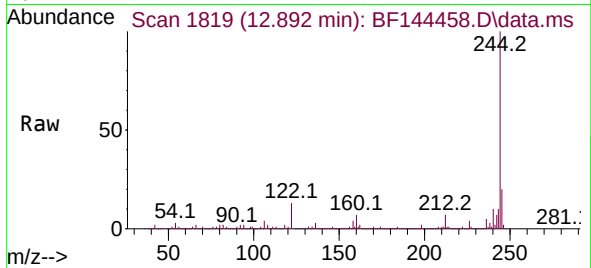




#79
 Terphenyl-d14
 Concen: 45.788 ng
 RT: 12.892 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF144458.D
 Acq: 12 Dec 2025 19:03

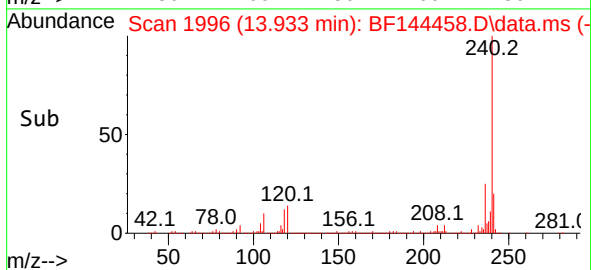
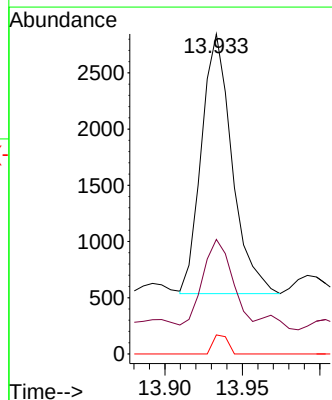
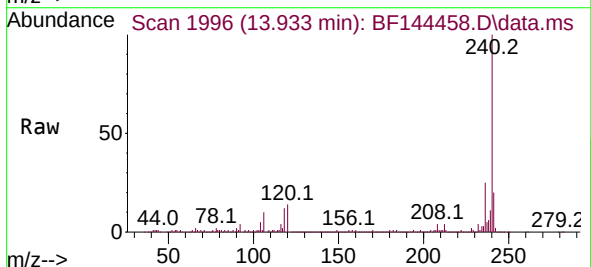
Instrument :
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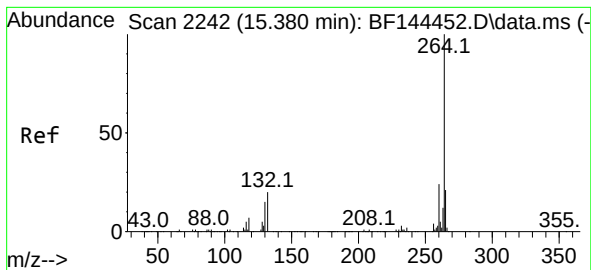
Tgt Ion:244 Resp: 1467249
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 12.8 9.9 14.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.074 ng
 RT: 13.933 min Scan# 1996
 Delta R.T. -0.006 min
 Lab File: BF144458.D
 Acq: 12 Dec 2025 19:03

Tgt Ion:149 Resp: 3192
 Ion Ratio Lower Upper
 149 100
 167 35.8 22.6 34.0#
 279 5.9 3.7 5.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.374 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF144458.D
 Acq: 12 Dec 2025 19:03

Instrument :
 BNA_F
 ClientSampleId :
 C0AN4

Tgt Ion:264 Resp: 445129
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.5 17.1 25.7

