

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144456.D
 Acq On : 12 Dec 2025 18:05
 Operator : RC/JU
 Sample : Q3839-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AN2

Quant Time: Dec 12 23:32:15 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	203944	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	798756	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	431964	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	712411	20.000	ng	0.00
76) Chrysene-d12	13.939	240	481213	20.000	ng	0.00
86) Perylene-d12	15.374	264	446298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1101675	81.450	ng	0.00
7) Phenol-d6	6.410	99	1371655	81.302	ng	0.00
23) Nitrobenzene-d5	7.351	82	808596	63.349	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	333710	85.449	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1478834	52.519	ng	0.00
79) Terphenyl-d14	12.892	244	1479339	48.535	ng	0.00

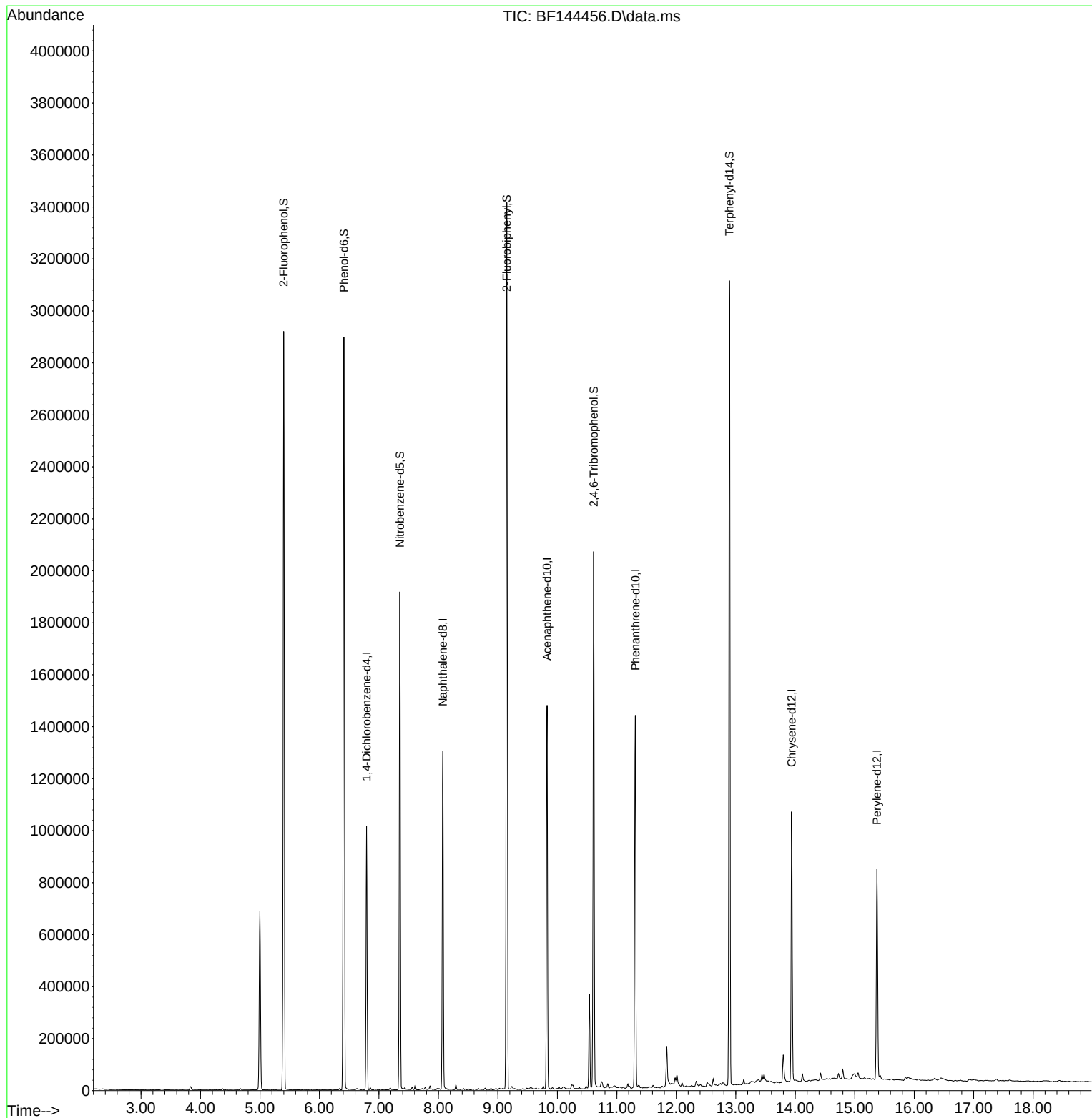
Target Compounds	Qvalue

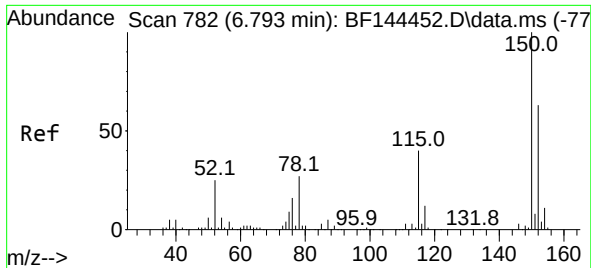
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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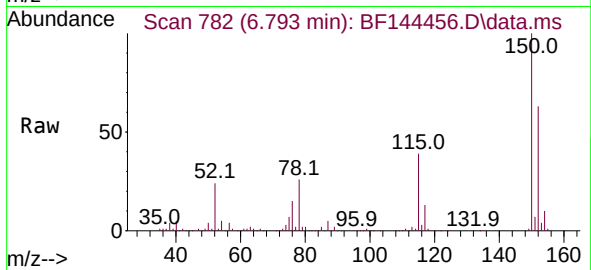
Quant Time: Dec 12 23:32:15 2025
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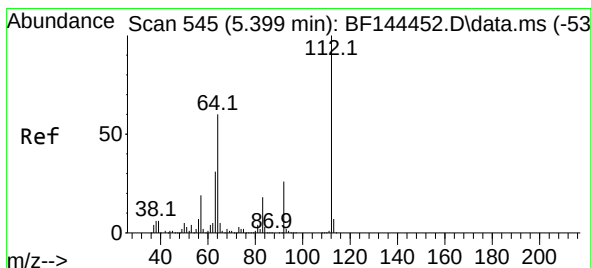
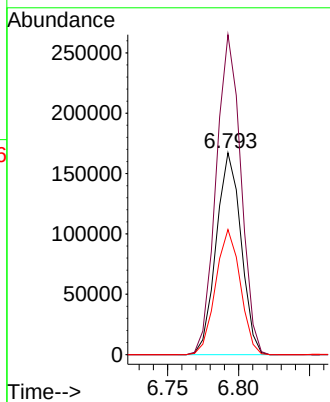
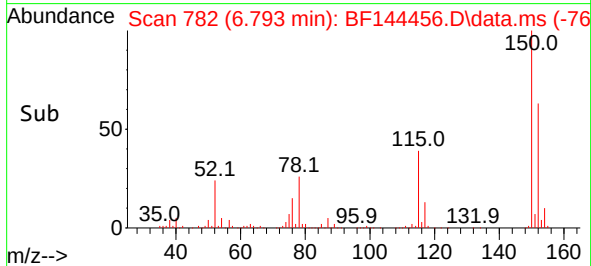


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: BF144456.D
 Acq: 12 Dec 2025 18:05

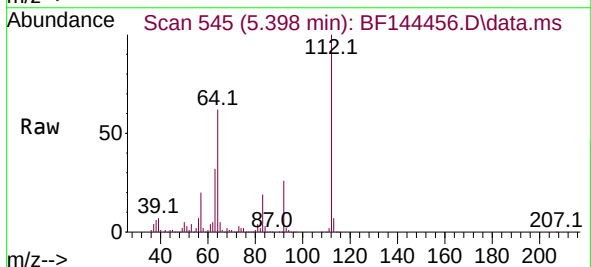
Instrument :
 BNA_F
 ClientSampleId :
 COAN2



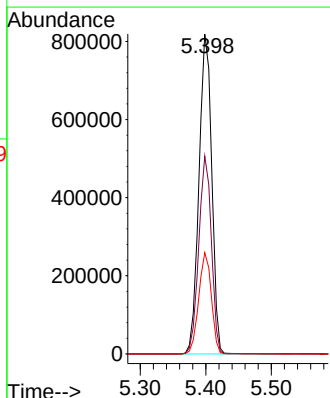
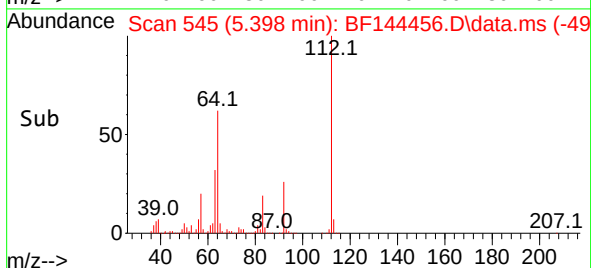
Tgt Ion:152 Resp: 203944
 Ion Ratio Lower Upper
 152 100
 150 158.5 127.4 191.2
 115 61.9 51.4 77.0

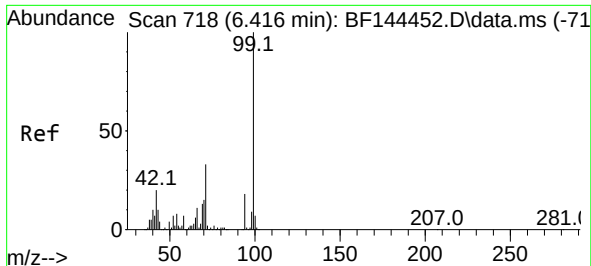


#5
 2-Fluorophenol
 Concen: 81.450 ng
 RT: 5.398 min Scan# 545
 Delta R.T. -0.000 min
 Lab File: BF144456.D
 Acq: 12 Dec 2025 18:05



Tgt Ion:112 Resp: 1101675
 Ion Ratio Lower Upper
 112 100
 64 61.8 47.8 71.6
 63 31.6 24.6 37.0





#7

Phenol-d6

Concen: 81.302 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144456.D

Acq: 12 Dec 2025 18:05

Instrument :

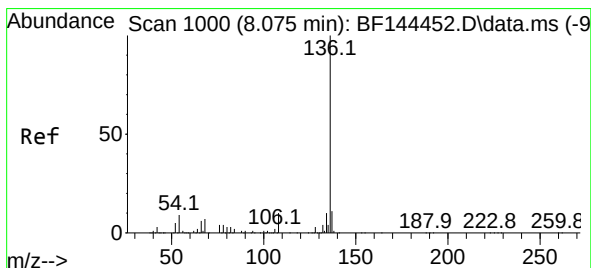
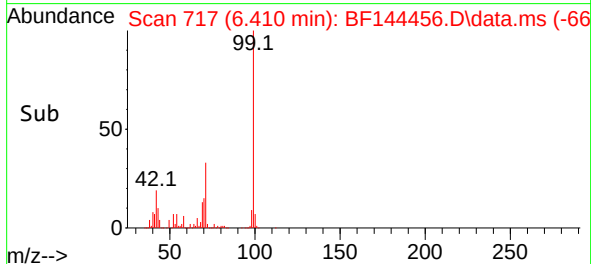
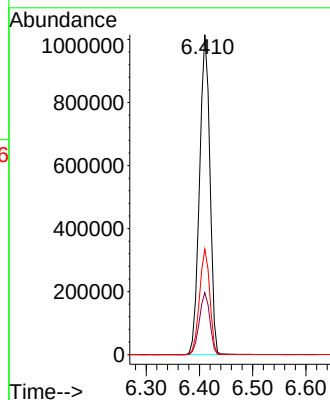
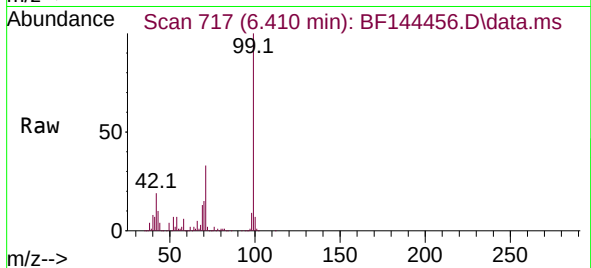
BNA_F

ClientSampleId :

COAN2

Tgt Ion: 99 Resp: 1371655

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.7	23.5
71	33.0	26.4	39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1000

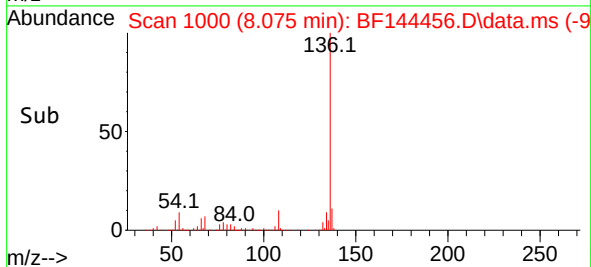
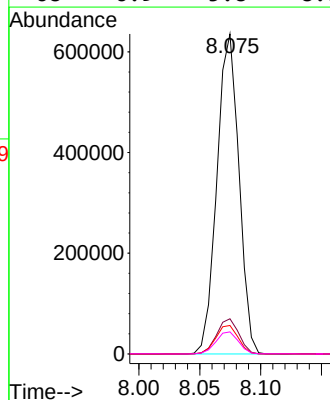
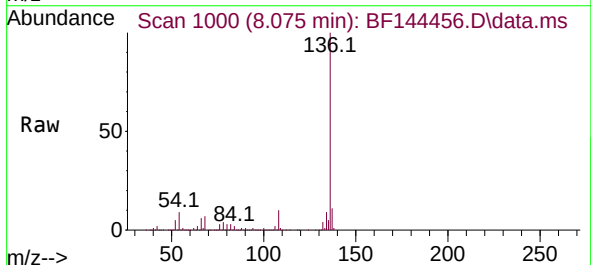
Delta R.T. -0.000 min

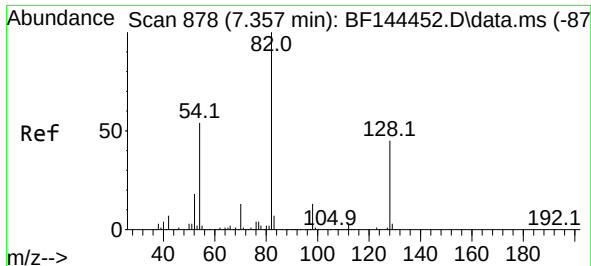
Lab File: BF144456.D

Acq: 12 Dec 2025 18:05

Tgt Ion: 136 Resp: 798756

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.9	7.5	11.3
68	6.9	5.8	8.8





#23

Nitrobenzene-d5

Concen: 63.349 ng

RT: 7.351 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF144456.D

Acq: 12 Dec 2025 18:05

Instrument :

BNA_F

ClientSampleId :

COAN2

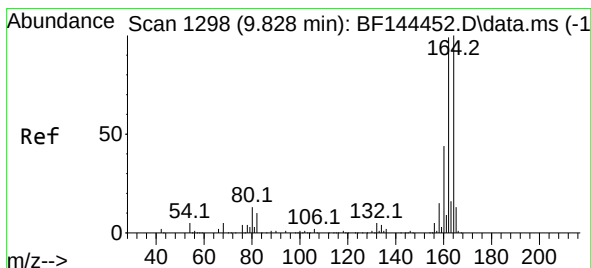
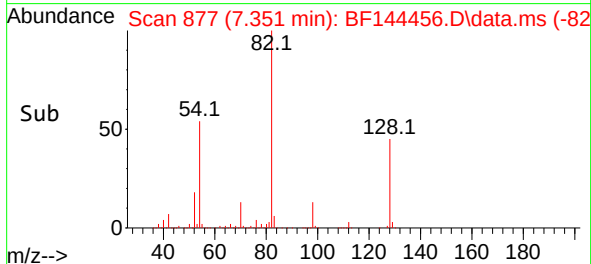
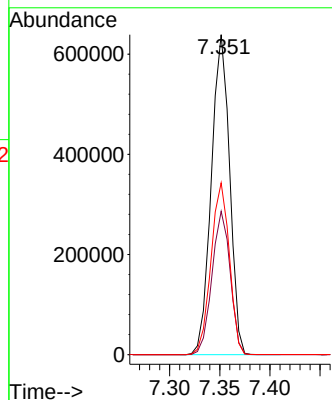
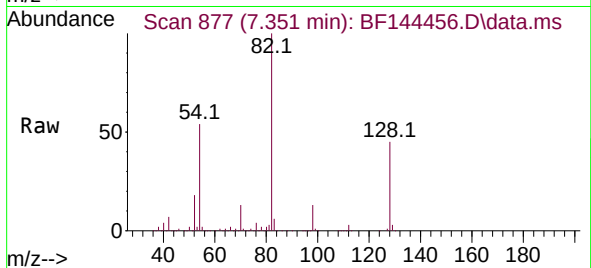
Tgt Ion: 82 Resp: 808596

Ion Ratio Lower Upper

82 100

128 44.8 35.5 53.3

54 53.7 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: BF144456.D

Acq: 12 Dec 2025 18:05

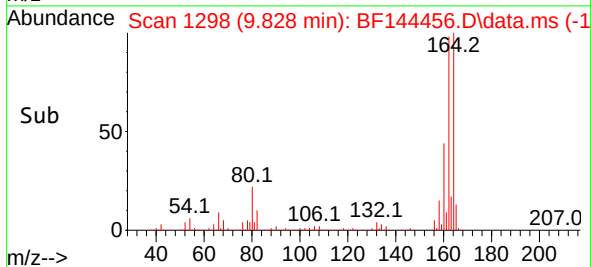
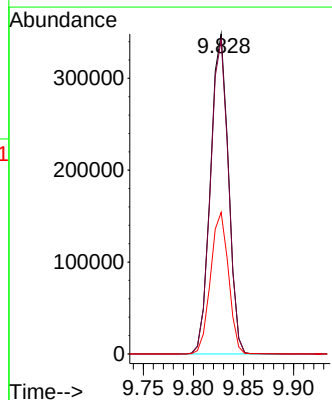
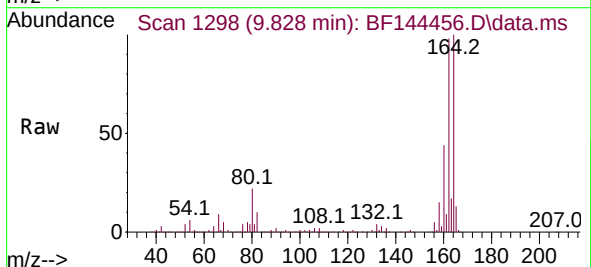
Tgt Ion:164 Resp: 431964

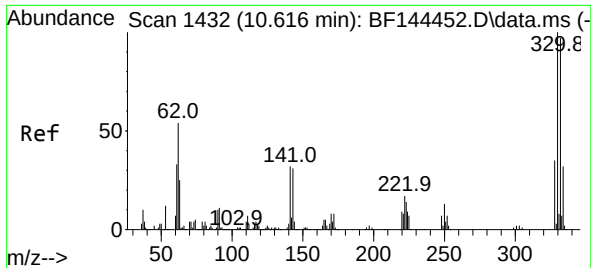
Ion Ratio Lower Upper

164 100

162 98.2 79.2 118.8

160 44.2 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 85.449 ng

RT: 10.610 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF144456.D

Acq: 12 Dec 2025 18:05

Instrument :

BNA_F

ClientSampleId :

COAN2

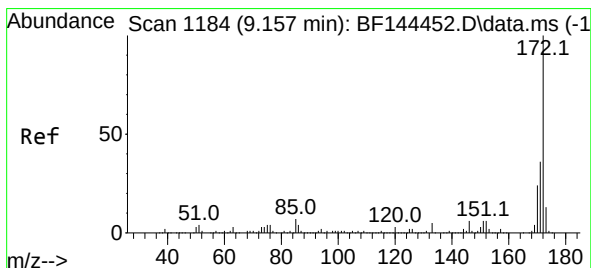
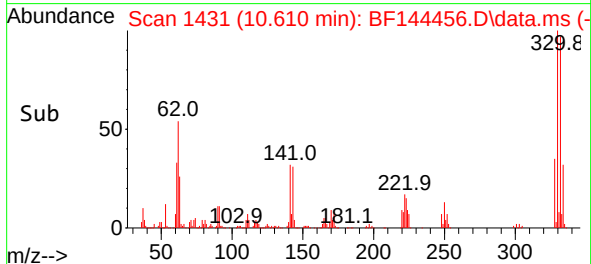
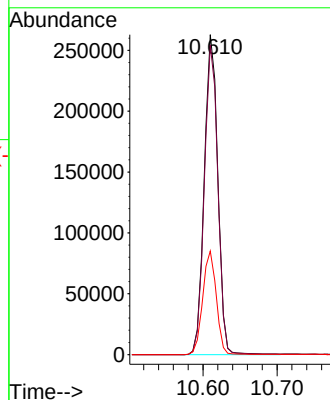
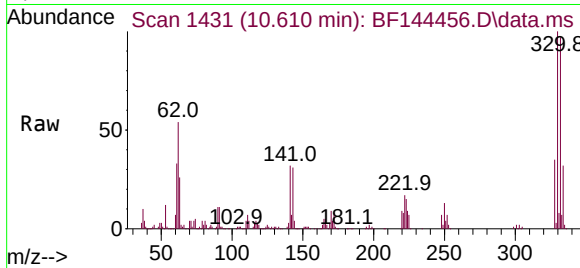
Tgt Ion:330 Resp: 333710

Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

141 32.4 26.2 39.2



#45

2-Fluorobiphenyl

Concen: 52.519 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF144456.D

Acq: 12 Dec 2025 18:05

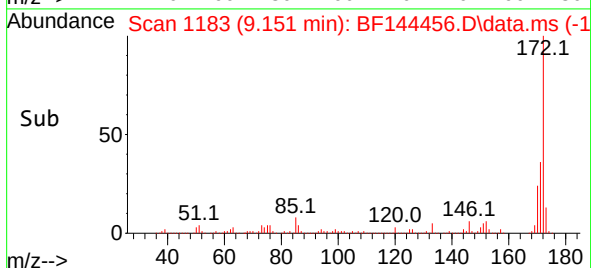
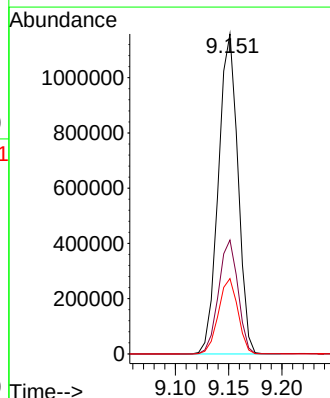
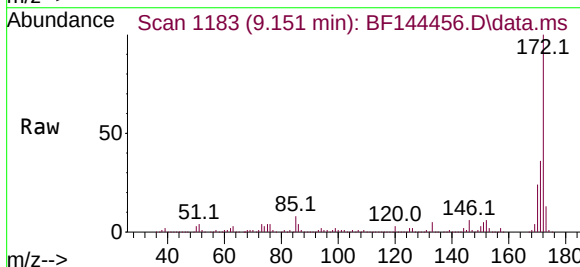
Tgt Ion:172 Resp: 1478834

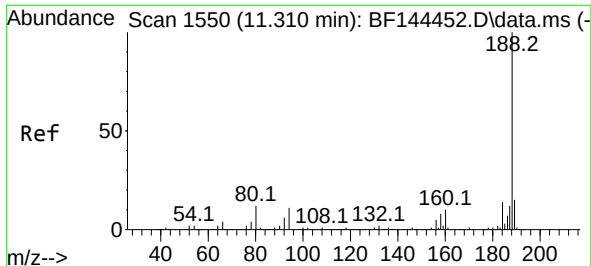
Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.5 19.3 28.9

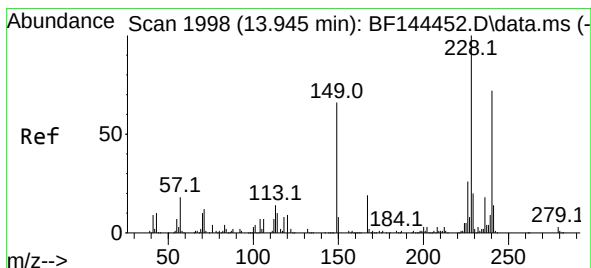
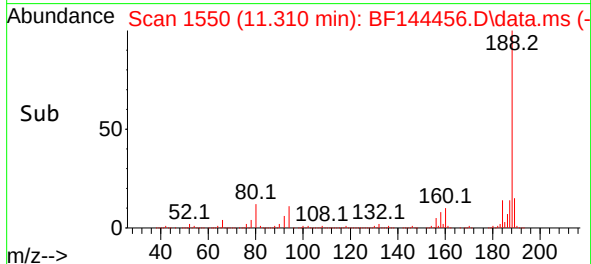
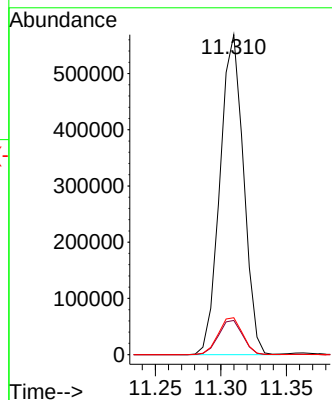
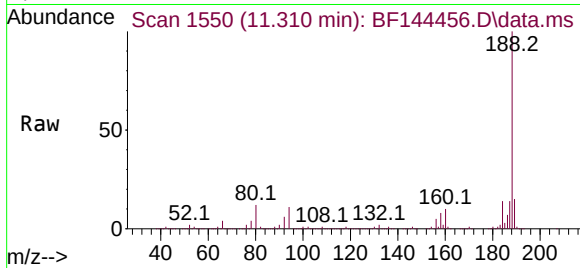




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144456.D
Acq: 12 Dec 2025 18:05

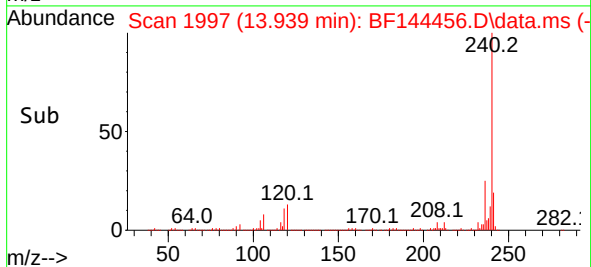
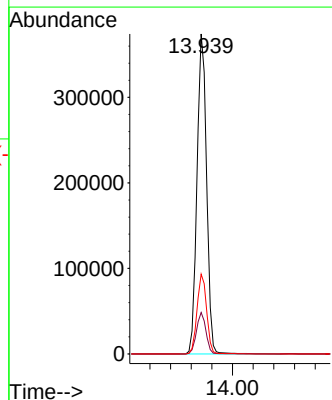
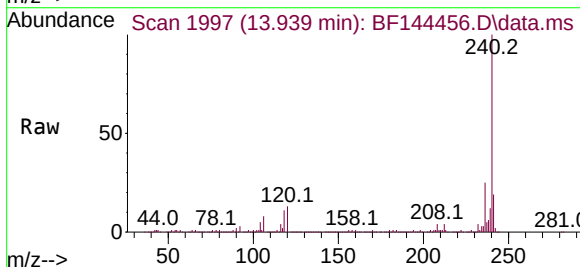
Instrument :
BNA_F
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COAN2

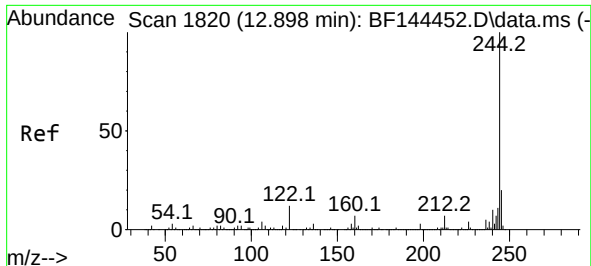
Tgt Ion:188 Resp: 712411
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.6
80 11.5 9.8 14.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF144456.D
Acq: 12 Dec 2025 18:05

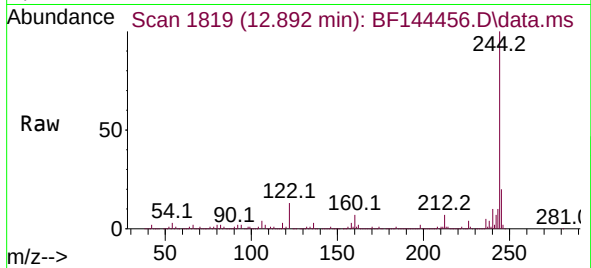
Tgt Ion:240 Resp: 481213
Ion Ratio Lower Upper
240 100
120 12.9 10.3 15.5
236 24.9 20.2 30.4



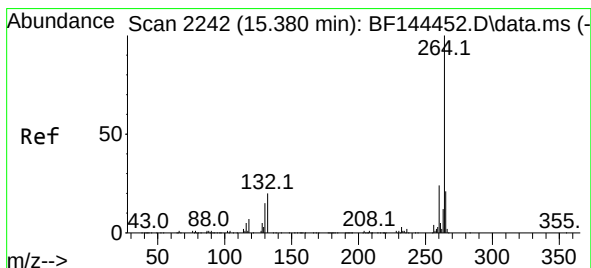
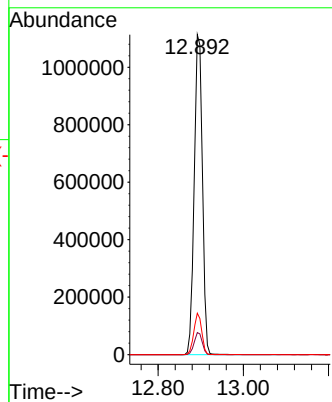
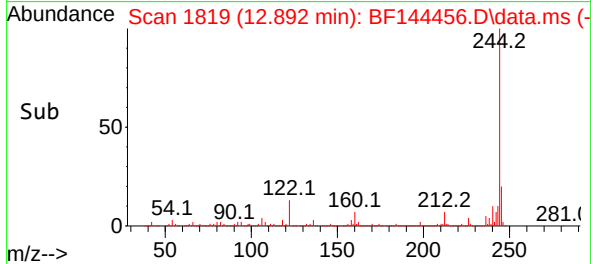


#79
 Terphenyl-d14
 Concen: 48.535 ng
 RT: 12.892 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF144456.D
 Acq: 12 Dec 2025 18:05

Instrument :
 BNA_F
 ClientSampleId :
 COAN2



Tgt Ion:244 Resp: 1479339
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 12.9 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: BF144456.D
 Acq: 12 Dec 2025 18:05

Tgt Ion:264 Resp: 446298
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.6 17.1 25.7

