

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144461.D
 Acq On : 12 Dec 2025 20:32
 Operator : RC/JU
 Sample : Q3839-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AS4

Quant Time: Dec 12 23:34:11 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)

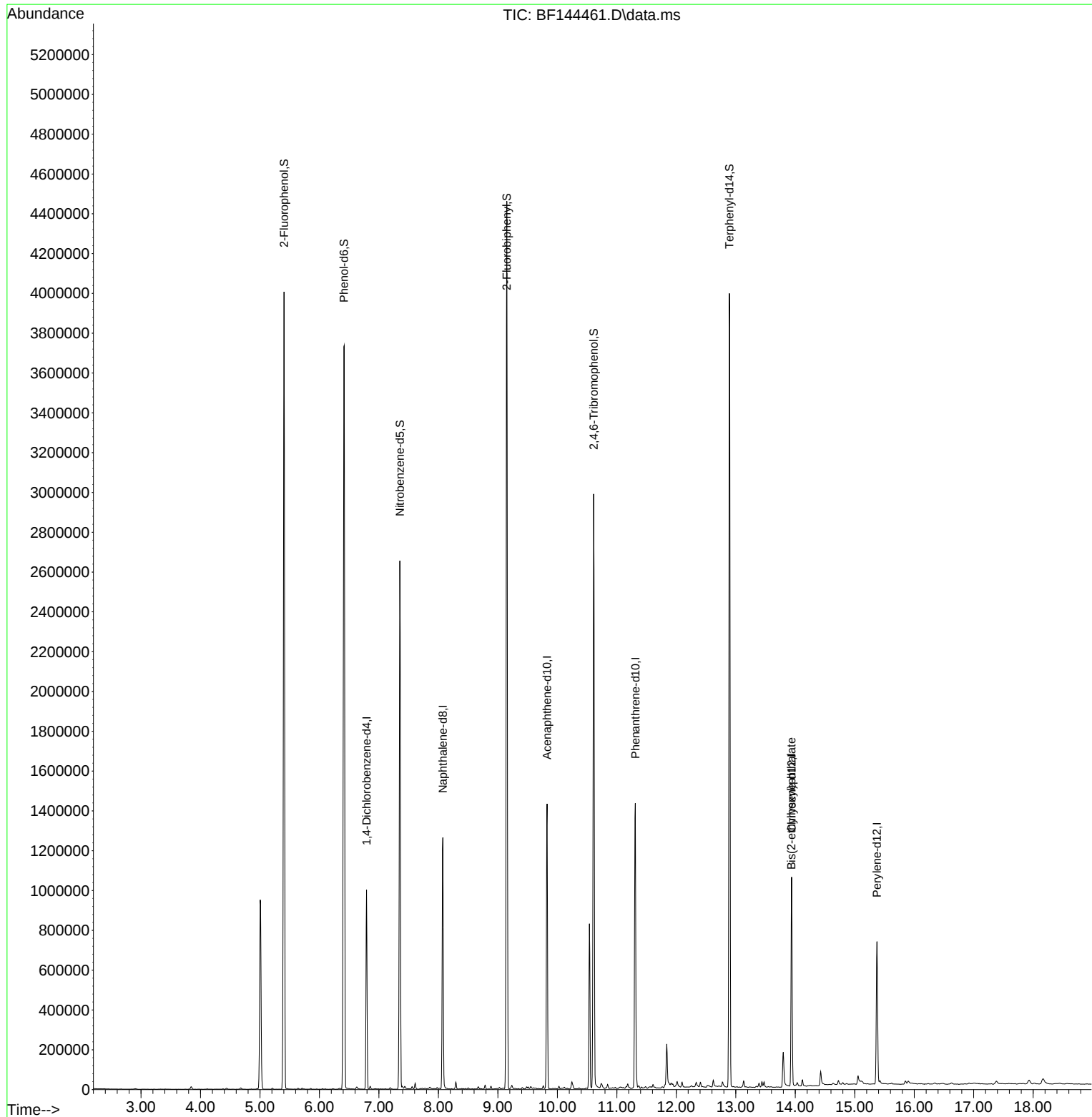
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	201476	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	796398	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	423572	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	721907	20.000	ng	0.00
76) Chrysene-d12	13.939	240	468002	20.000	ng	0.00
86) Perylene-d12	15.374	264	400019	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1581562	118.361	ng	0.00
7) Phenol-d6	6.410	99	1983719	119.022	ng	0.00
23) Nitrobenzene-d5	7.351	82	1178016	92.564	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	516373	134.841	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1961849	71.053	ng	0.00
79) Terphenyl-d14	12.892	244	1937298	65.354	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.933	149	17453	3.899	ng	Qvalue 99

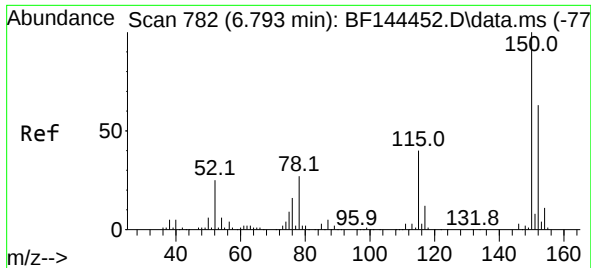
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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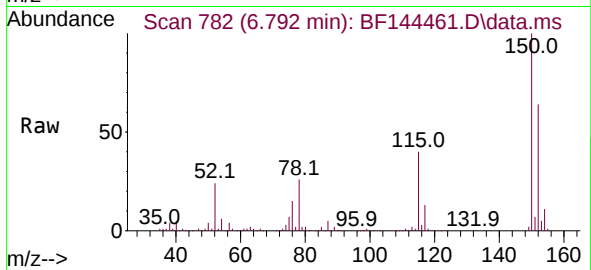
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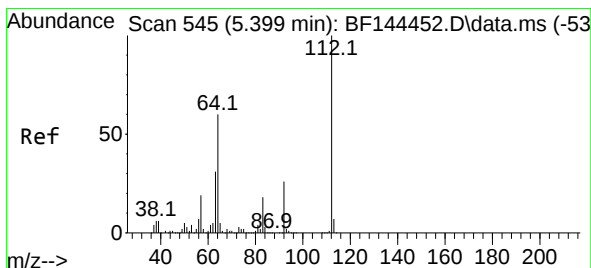
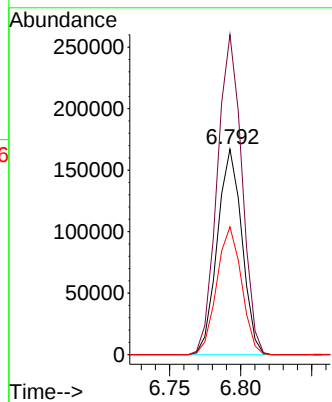
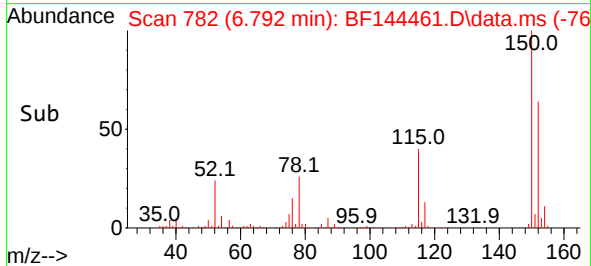


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 782
Delta R.T. -0.001 min
Lab File: BF144461.D
Acq: 12 Dec 2025 20:32

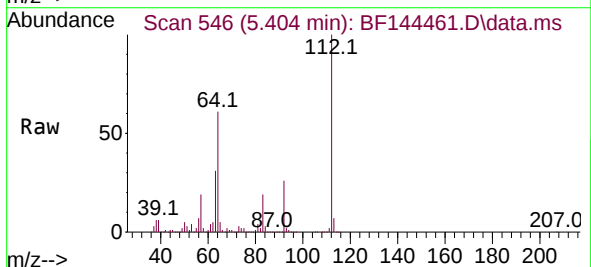
Instrument :
BNA_F
ClientSampleId :
C0AS4



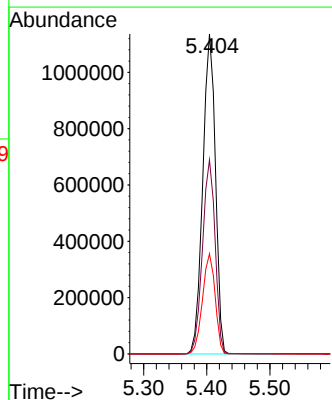
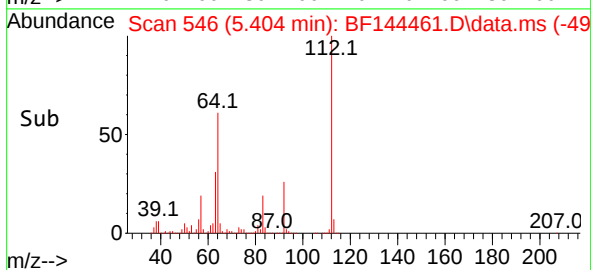
Tgt Ion:152 Resp: 201476
Ion Ratio Lower Upper
152 100
150 155.8 127.4 191.2
115 62.2 51.4 77.0

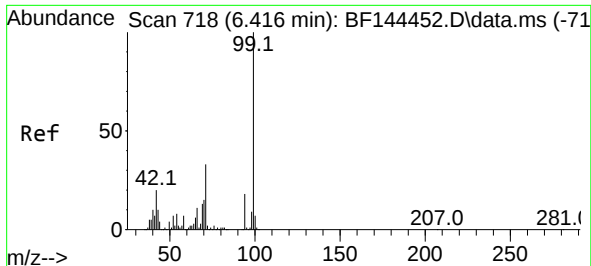


#5
2-Fluorophenol
Concen: 118.361 ng
RT: 5.404 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF144461.D
Acq: 12 Dec 2025 20:32



Tgt Ion:112 Resp: 1581562
Ion Ratio Lower Upper
112 100
64 60.6 47.8 71.6
63 31.3 24.6 37.0



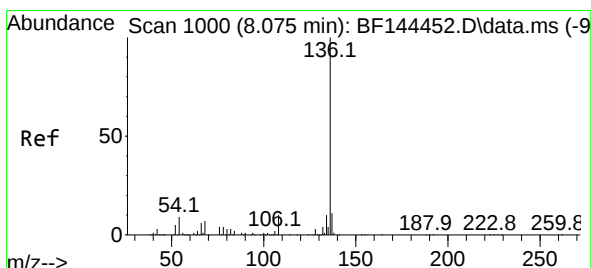
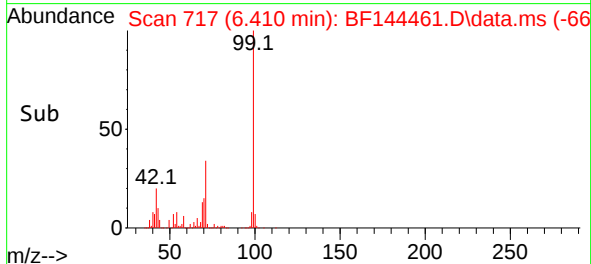
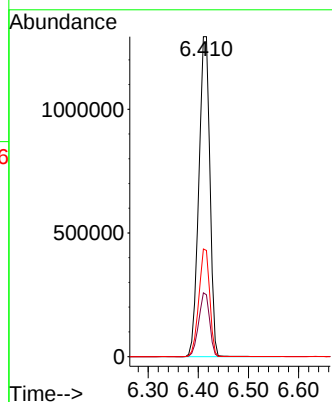
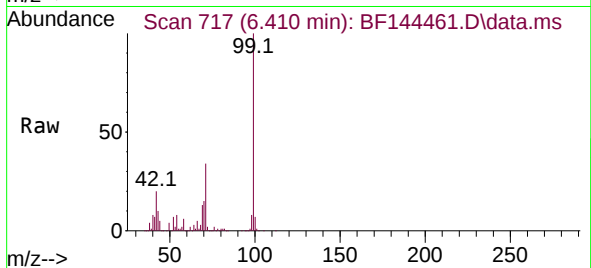


#7
Phenol-d6
Concen: 119.022 ng
RT: 6.410 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF144461.D
Acq: 12 Dec 2025 20:32

Instrument :
BNA_F
ClientSampleId :
C0AS4

Tgt Ion: 99 Resp: 1983719

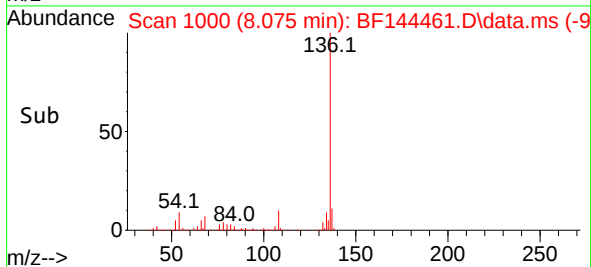
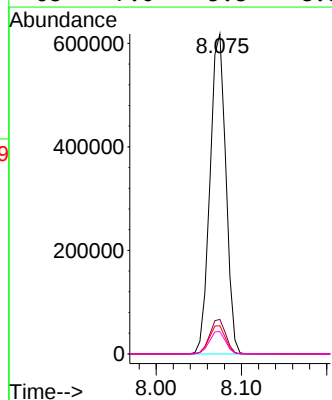
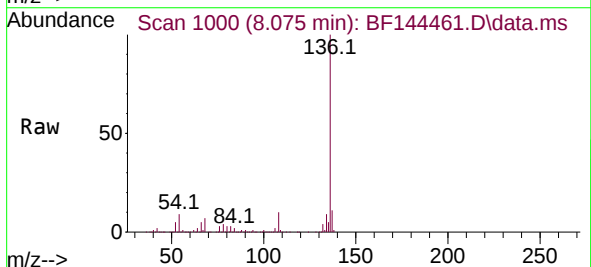
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.7	23.5
71	33.6	26.4	39.6

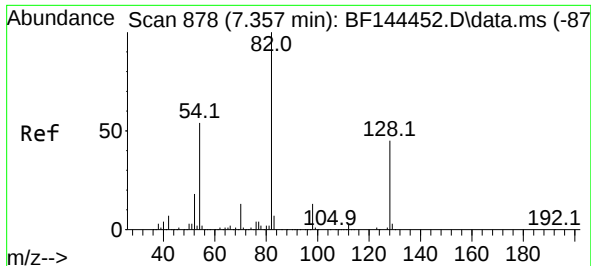


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF144461.D
Acq: 12 Dec 2025 20:32

Tgt Ion: 136 Resp: 796398

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.8	7.5	11.3
68	7.0	5.8	8.8





#23

Nitrobenzene-d5

Concen: 92.564 ng

RT: 7.351 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF144461.D

Acq: 12 Dec 2025 20:32

Instrument :

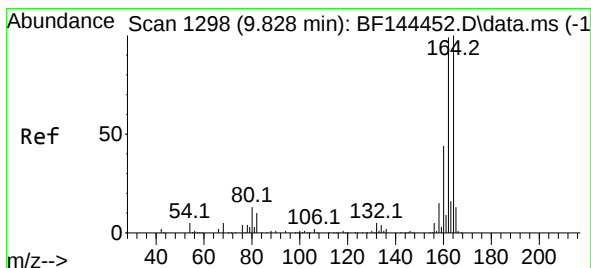
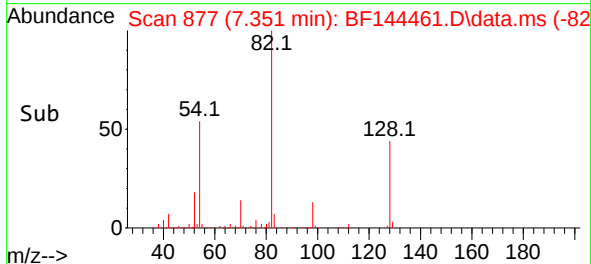
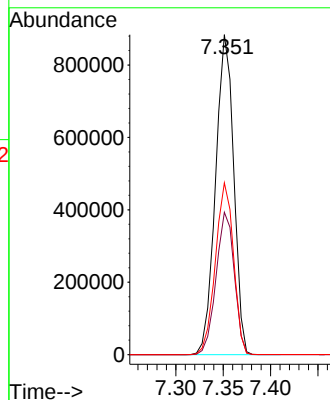
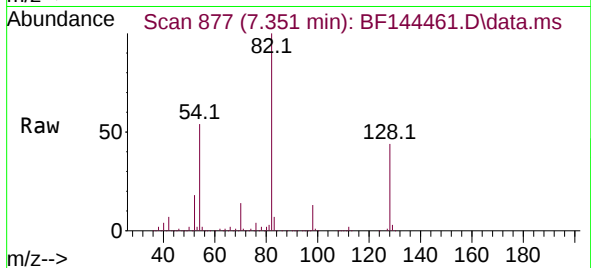
BNA_F

ClientSampleId :

C0AS4

Tgt Ion: 82 Resp: 1178016

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.5	53.3
54	53.7	43.3	64.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1298

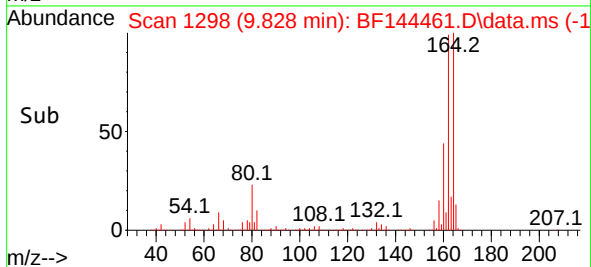
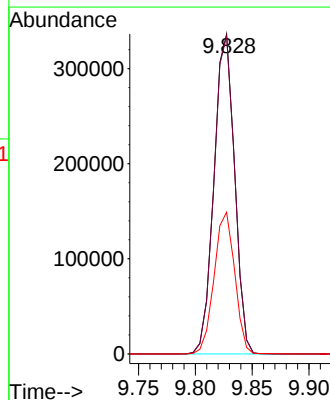
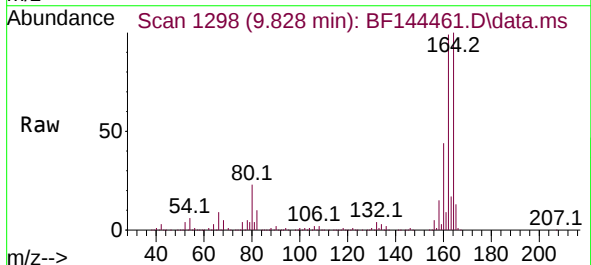
Delta R.T. -0.000 min

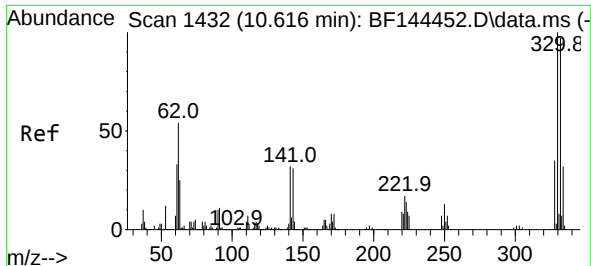
Lab File: BF144461.D

Acq: 12 Dec 2025 20:32

Tgt Ion: 164 Resp: 423572

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.2	118.8
160	44.3	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 134.841 ng

RT: 10.610 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF144461.D

Acq: 12 Dec 2025 20:32

Instrument :

BNA_F

ClientSampleId :

C0AS4

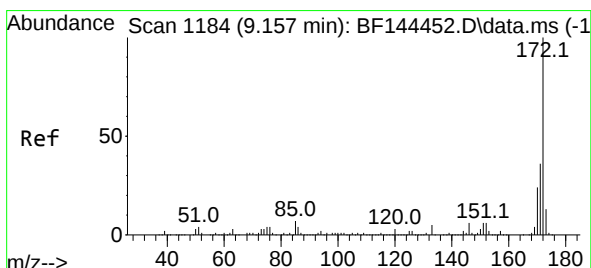
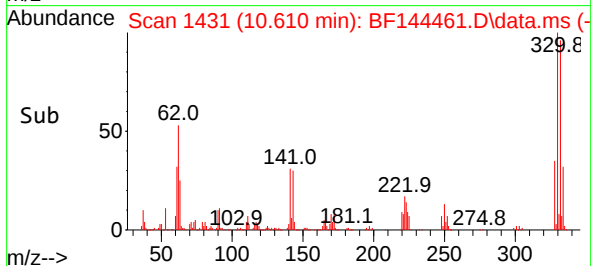
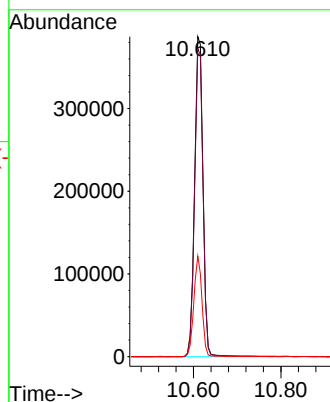
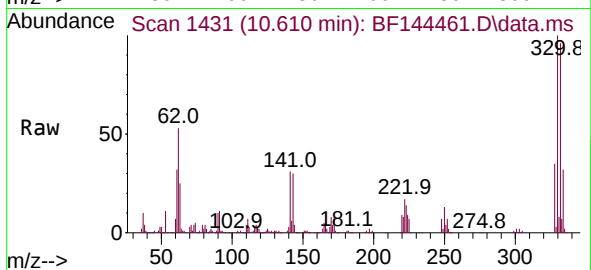
Tgt Ion:330 Resp: 516373

Ion Ratio Lower Upper

330 100

332 96.1 77.5 116.3

141 30.5 26.2 39.2



#45

2-Fluorobiphenyl

Concen: 71.053 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF144461.D

Acq: 12 Dec 2025 20:32

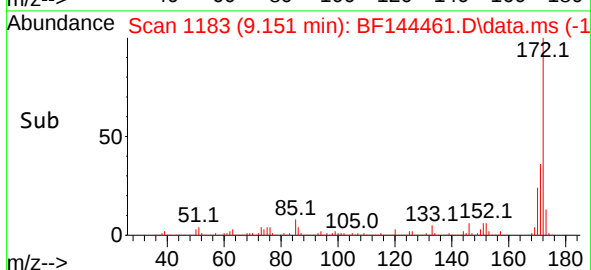
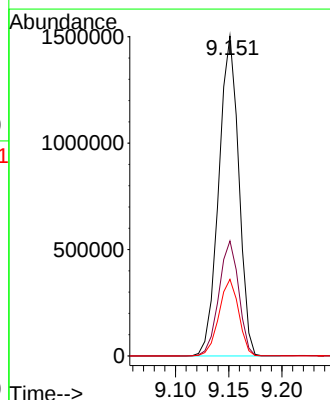
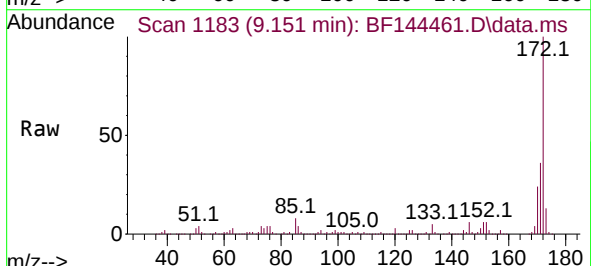
Tgt Ion:172 Resp: 1961849

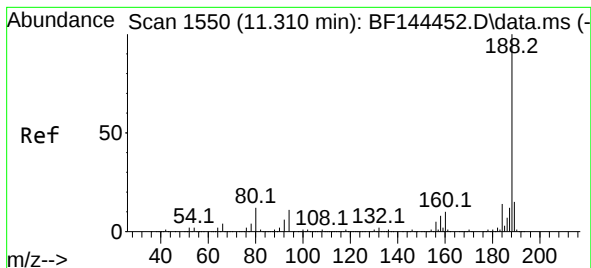
Ion Ratio Lower Upper

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: BF144461.D

Acq: 12 Dec 2025 20:32

Instrument :

BNA_F

ClientSampleId :

C0AS4

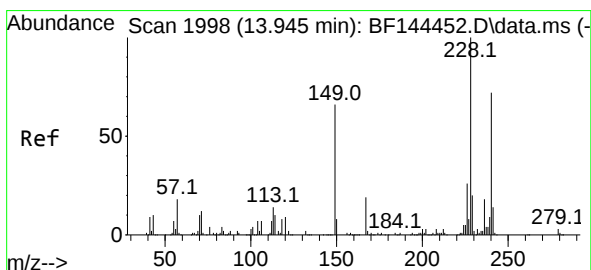
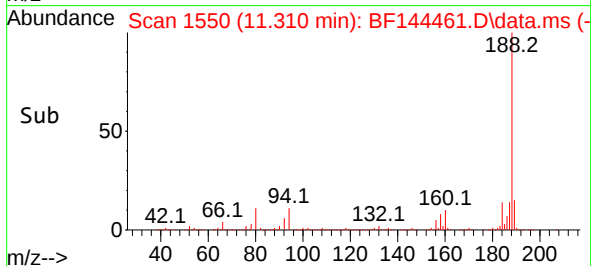
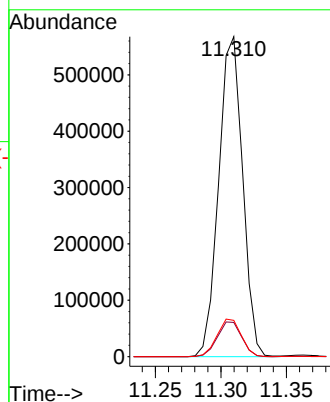
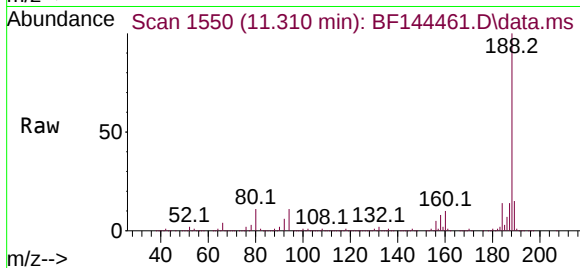
Tgt Ion:188 Resp: 721907

Ion Ratio Lower Upper

188 100

94 10.7 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: BF144461.D

Acq: 12 Dec 2025 20:32

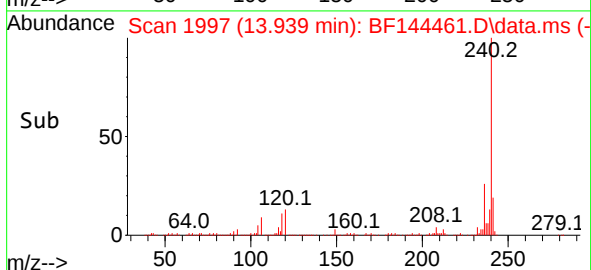
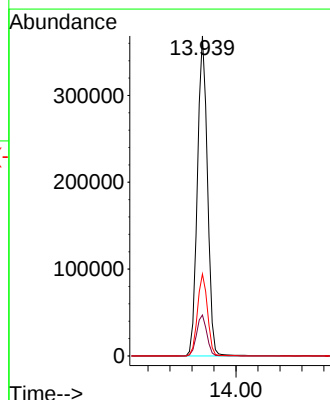
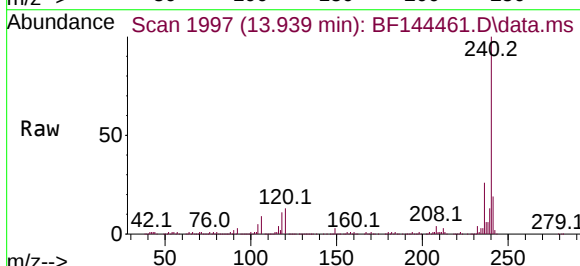
Tgt Ion:240 Resp: 468002

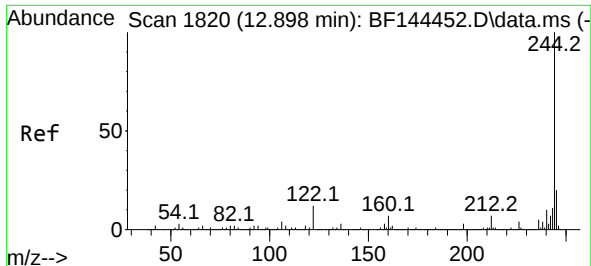
Ion Ratio Lower Upper

240 100

120 12.8 10.3 15.5

236 25.6 20.2 30.4

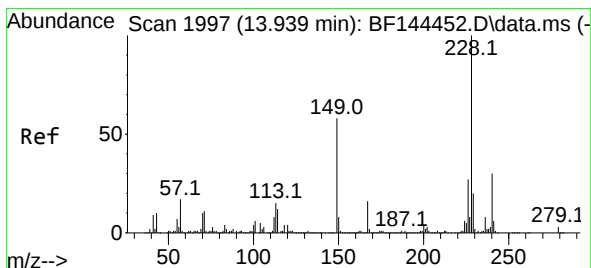
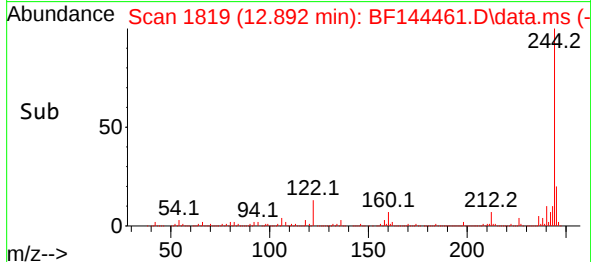
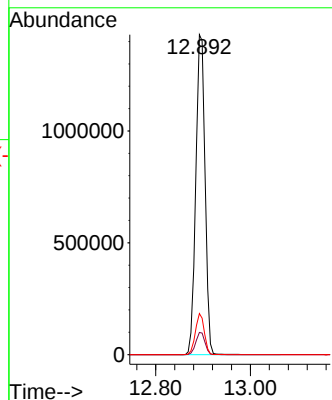
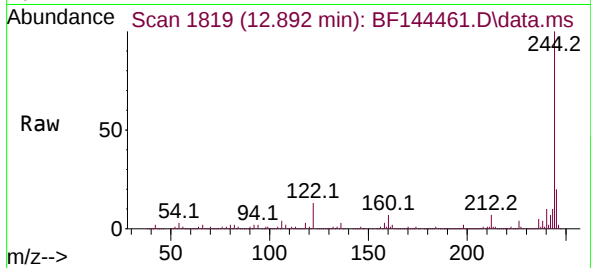




#79
 Terphenyl-d14
 Concen: 65.354 ng
 RT: 12.892 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF144461.D
 Acq: 12 Dec 2025 20:32

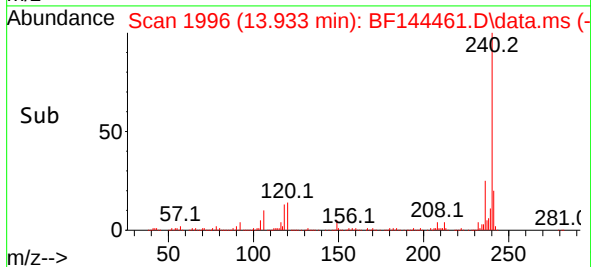
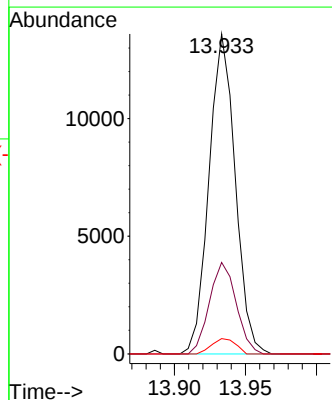
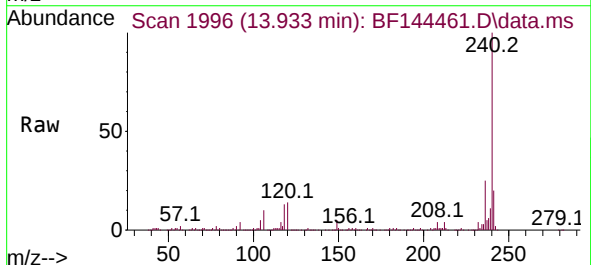
Instrument :
 BNA_F
 ClientSampleId :
 C0AS4

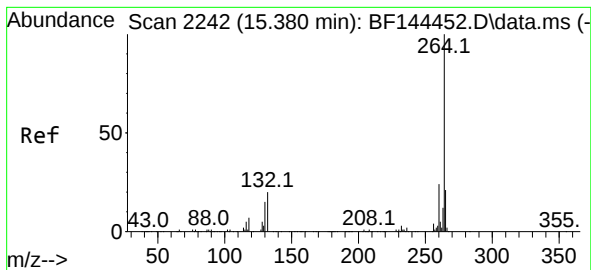
Tgt Ion:244 Resp: 1937298
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 12.8 9.9 14.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.899 ng
 RT: 13.933 min Scan# 1996
 Delta R.T. -0.006 min
 Lab File: BF144461.D
 Acq: 12 Dec 2025 20:32

Tgt Ion:149 Resp: 17453
 Ion Ratio Lower Upper
 149 100
 167 28.6 22.6 34.0
 279 4.8 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: BF144461.D

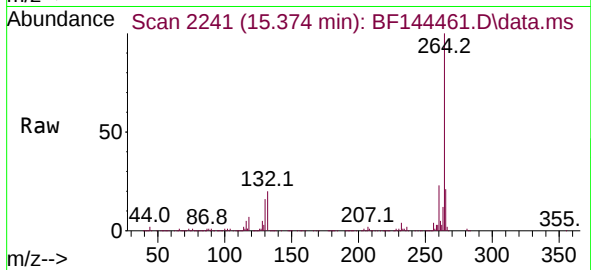
Acq: 12 Dec 2025 20:32

Instrument :

BNA_F

ClientSampleId :

C0AS4



Tgt Ion:264 Resp: 400019

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 21.3 17.1 25.7

