

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144464.D
 Acq On : 12 Dec 2025 22:02
 Operator : RC/JU
 Sample : Q3839-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AS3

Quant Time: Dec 12 23:35:05 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)

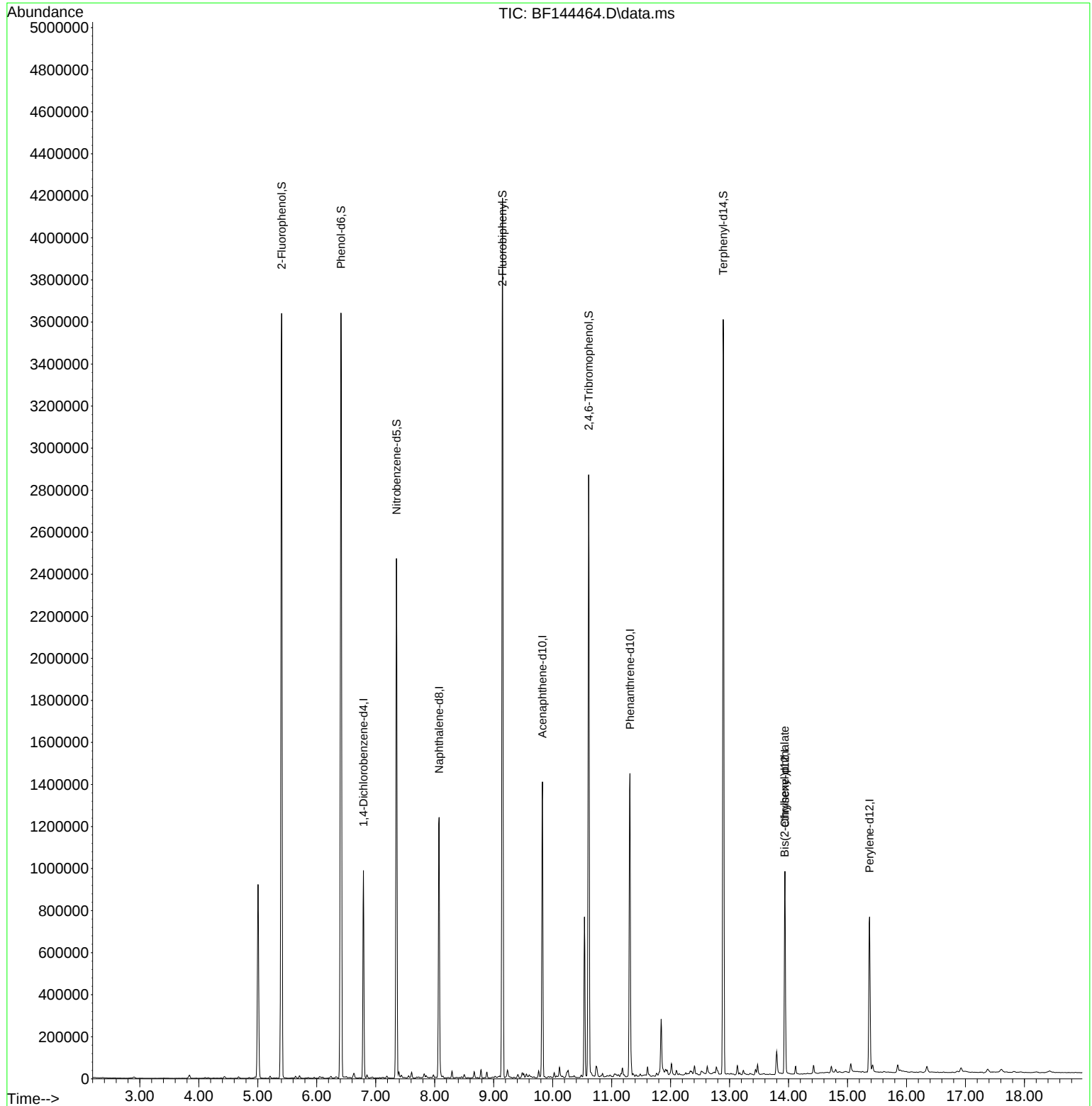
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	199620	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	787978	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	418216	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	726300	20.000	ng	0.00
76) Chrysene-d12	13.939	240	447898	20.000	ng	0.00
86) Perylene-d12	15.374	264	416236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1462111	110.439	ng	0.00
7) Phenol-d6	6.410	99	1828084	110.703	ng	0.00
23) Nitrobenzene-d5	7.351	82	1084177	86.101	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	490501	129.725	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1840008	67.494	ng	0.00
79) Terphenyl-d14	12.892	244	1746663	61.568	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.933	149	6975	3.321	ng	Qvalue # 95

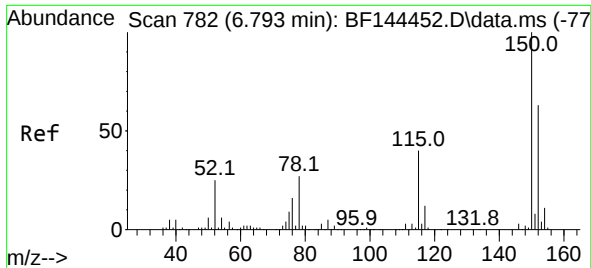
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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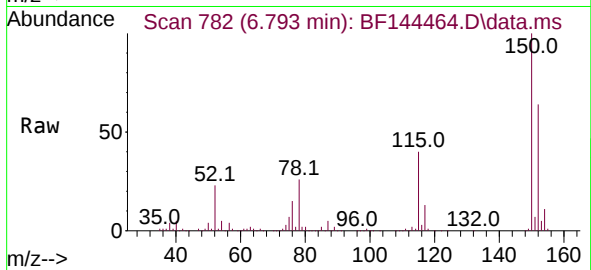
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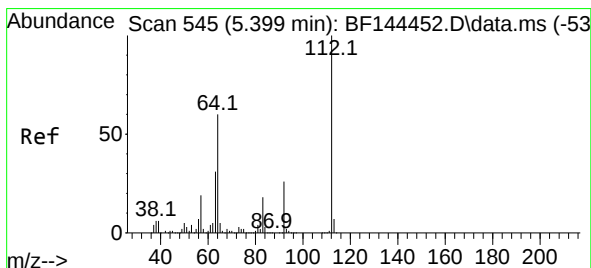
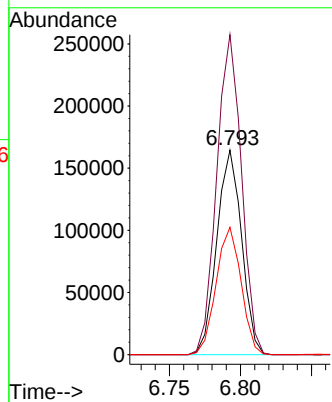
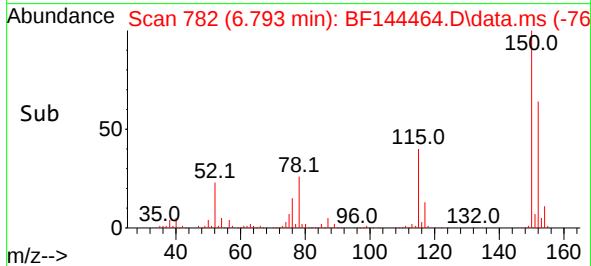


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF144464.D
Acq: 12 Dec 2025 22:02

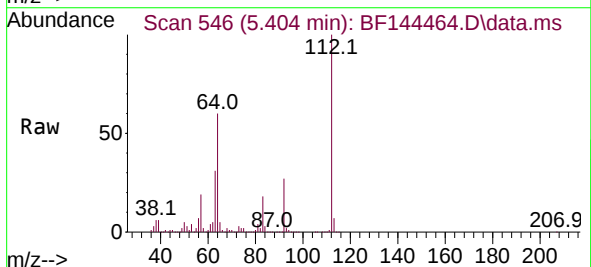
Instrument :
BNA_F
ClientSampleId :
C0AS3



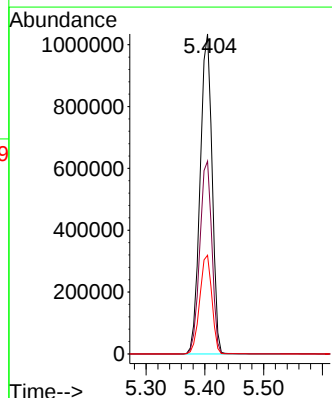
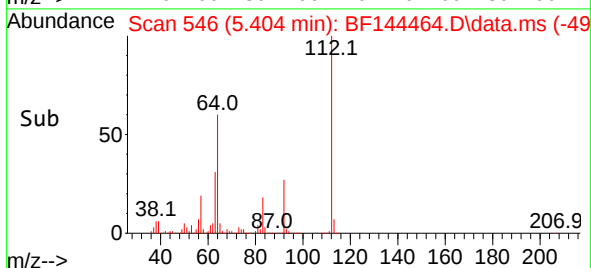
Tgt Ion:152 Resp: 199620
Ion Ratio Lower Upper
152 100
150 156.6 127.4 191.2
115 62.3 51.4 77.0

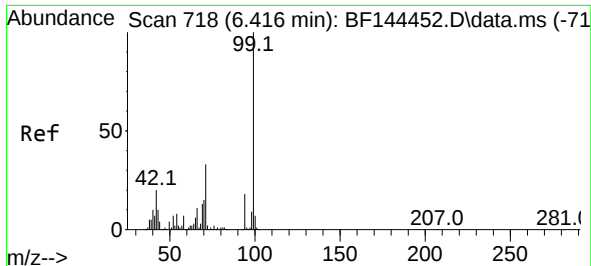


#5
2-Fluorophenol
Concen: 110.439 ng
RT: 5.404 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF144464.D
Acq: 12 Dec 2025 22:02



Tgt Ion:112 Resp: 1462111
Ion Ratio Lower Upper
112 100
64 60.2 47.8 71.6
63 30.8 24.6 37.0

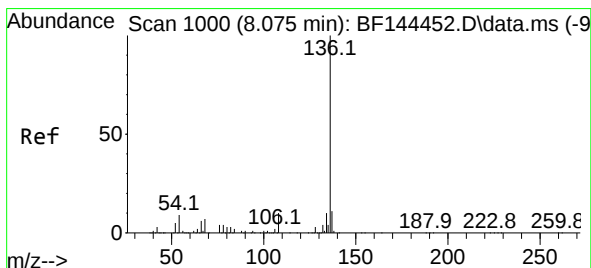
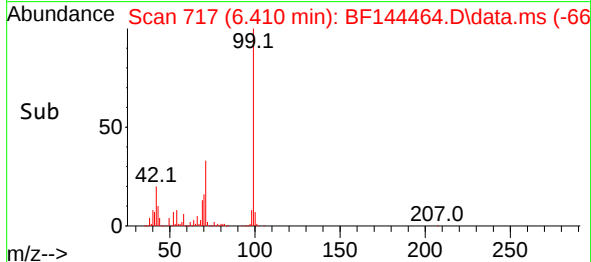
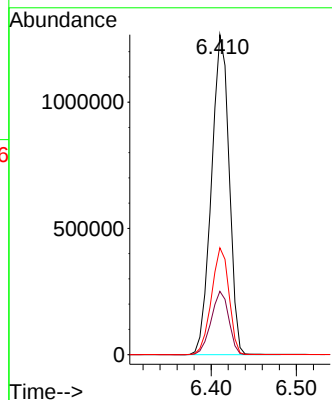
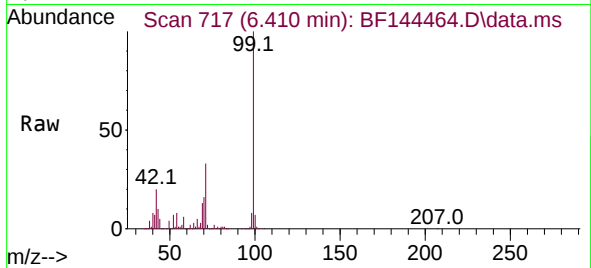




#7
Phenol-d6
Concen: 110.703 ng
RT: 6.410 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF144464.D
Acq: 12 Dec 2025 22:02

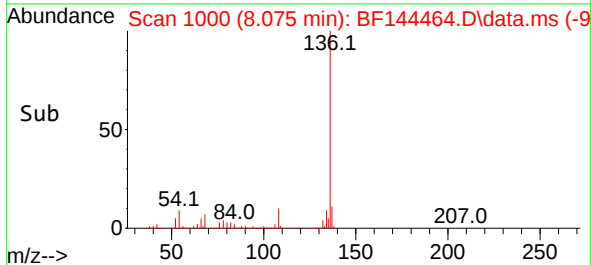
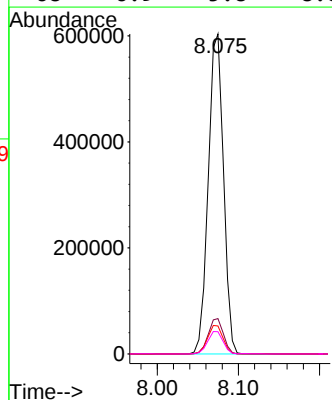
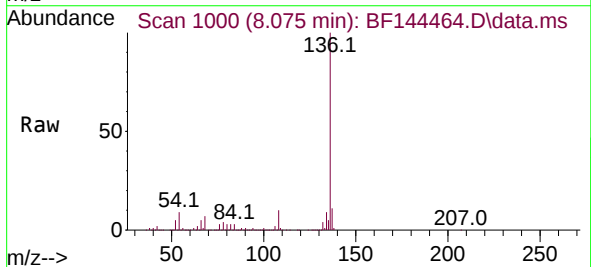
Instrument :
BNA_F
ClientSampleId :
C0AS3

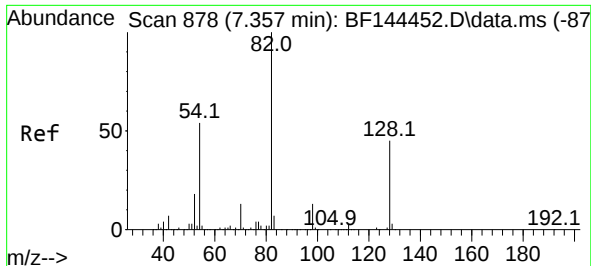
Tgt Ion: 99 Resp: 1828084
Ion Ratio Lower Upper
99 100
42 19.8 15.7 23.5
71 33.4 26.4 39.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF144464.D
Acq: 12 Dec 2025 22:02

Tgt Ion: 136 Resp: 787978
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.7 7.5 11.3
68 6.9 5.8 8.8





#23

Nitrobenzene-d5

Concen: 86.101 ng

RT: 7.351 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF144464.D

Acq: 12 Dec 2025 22:02

Instrument :

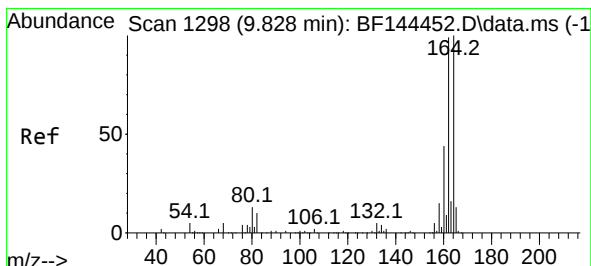
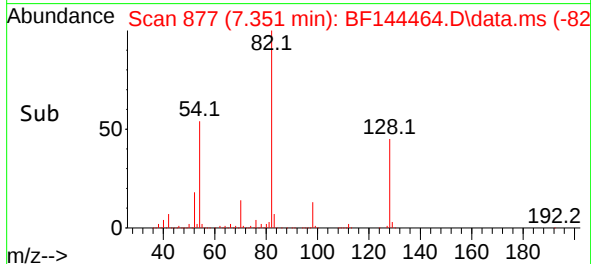
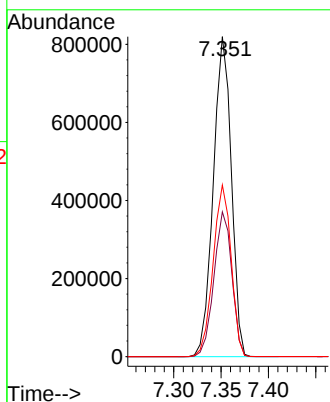
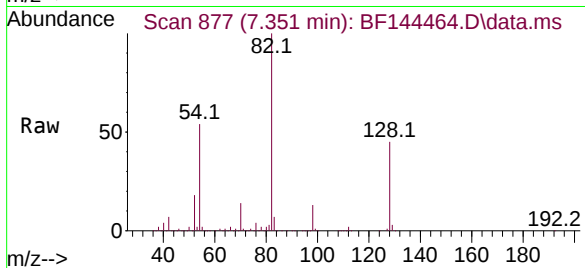
BNA_F

ClientSampleId :

C0AS3

Tgt Ion: 82 Resp: 1084177

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.5	53.3
54	53.6	43.3	64.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1298

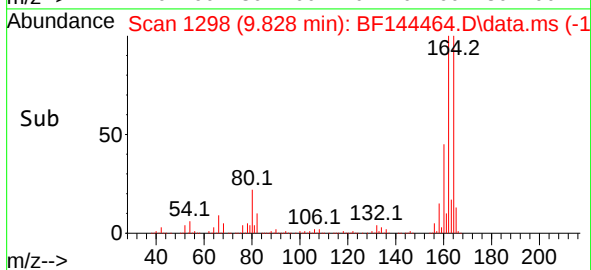
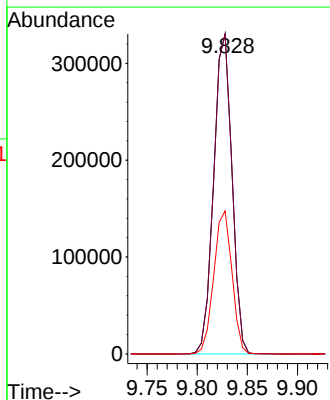
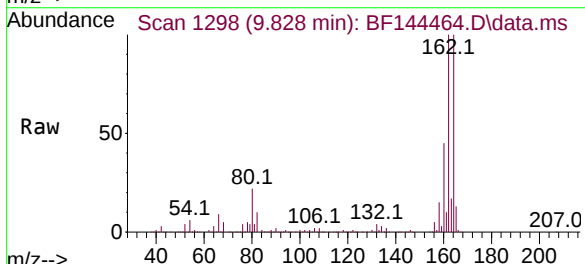
Delta R.T. -0.000 min

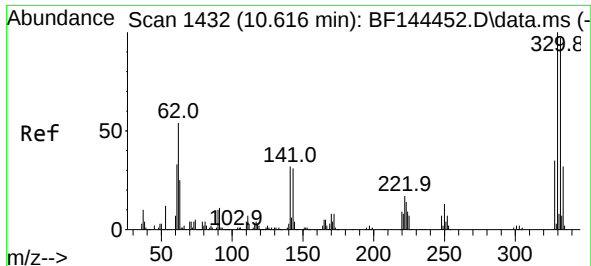
Lab File: BF144464.D

Acq: 12 Dec 2025 22:02

Tgt Ion:164 Resp: 418216

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.2	118.8
160	44.7	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 129.725 ng

RT: 10.610 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF144464.D

Acq: 12 Dec 2025 22:02

Instrument :

BNA_F

ClientSampleId :

C0AS3

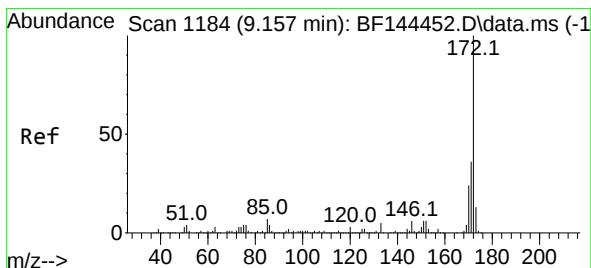
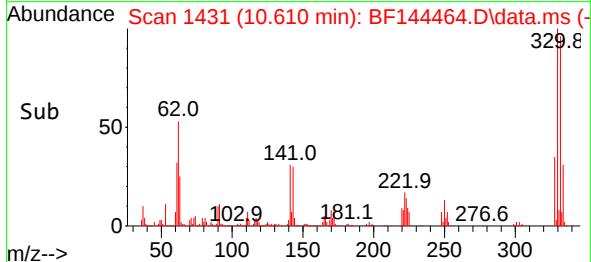
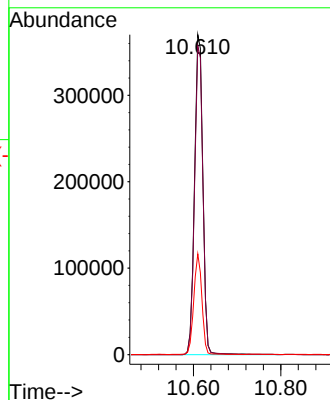
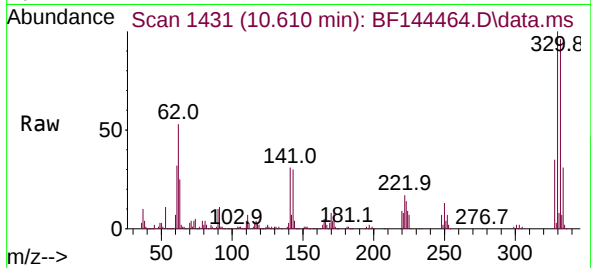
Tgt Ion:330 Resp: 490501

Ion Ratio Lower Upper

330 100

332 96.4 77.5 116.3

141 30.5 26.2 39.2



#45

2-Fluorobiphenyl

Concen: 67.494 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF144464.D

Acq: 12 Dec 2025 22:02

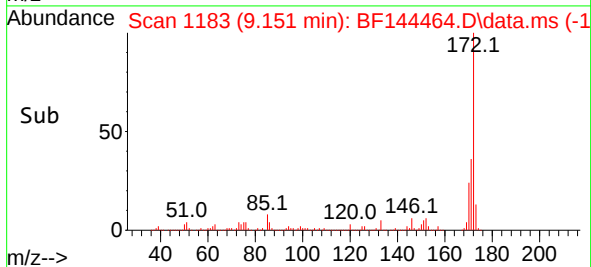
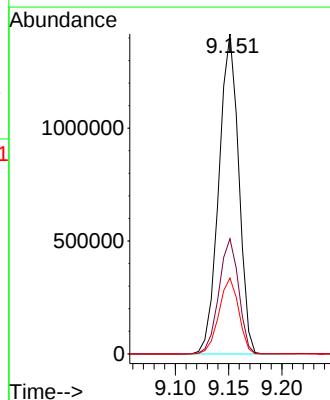
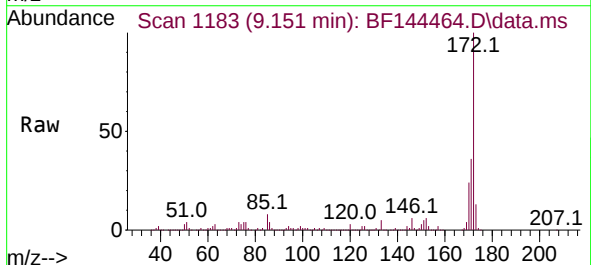
Tgt Ion:172 Resp: 1840008

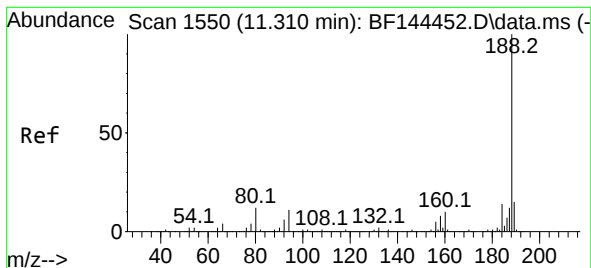
Ion Ratio Lower Upper

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: BF144464.D

Acq: 12 Dec 2025 22:02

Instrument :

BNA_F

ClientSampleId :

C0AS3

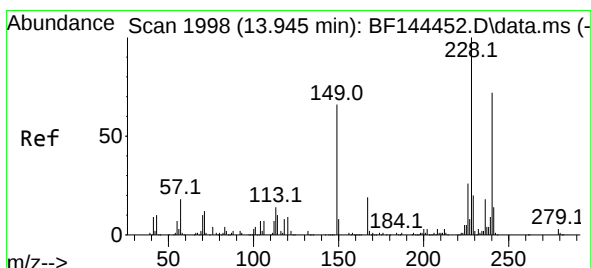
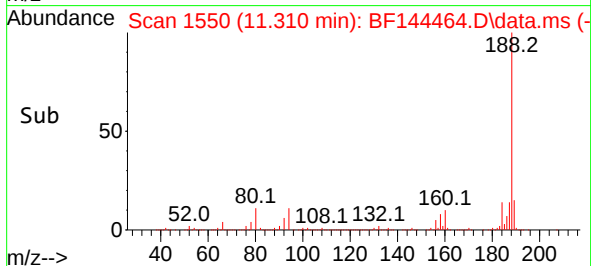
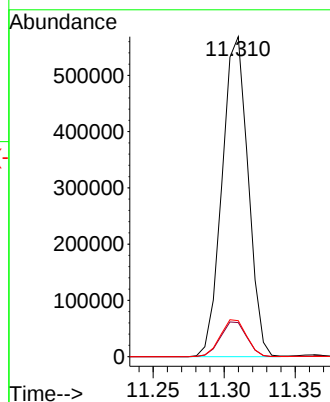
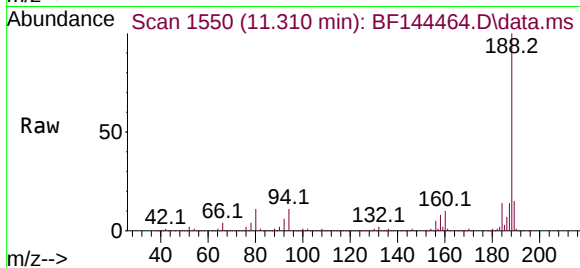
Tgt Ion:188 Resp: 726300

Ion Ratio Lower Upper

188 100

94 10.6 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: BF144464.D

Acq: 12 Dec 2025 22:02

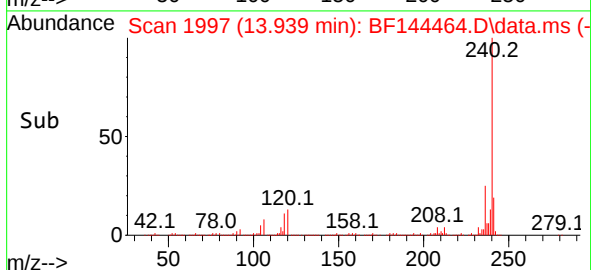
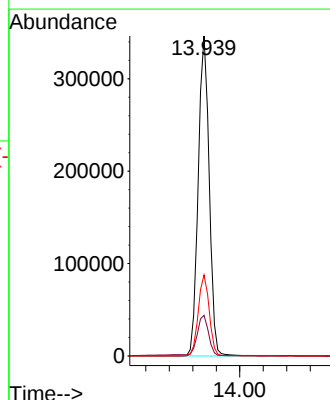
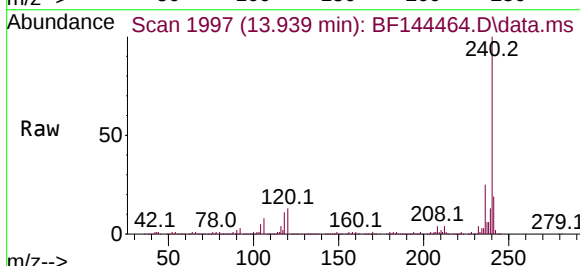
Tgt Ion:240 Resp: 447898

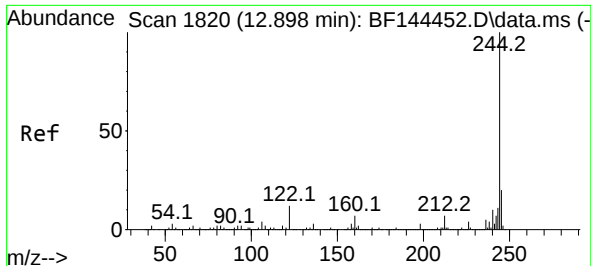
Ion Ratio Lower Upper

240 100

120 12.7 10.3 15.5

236 25.3 20.2 30.4

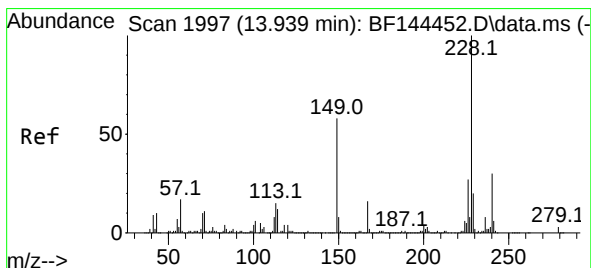
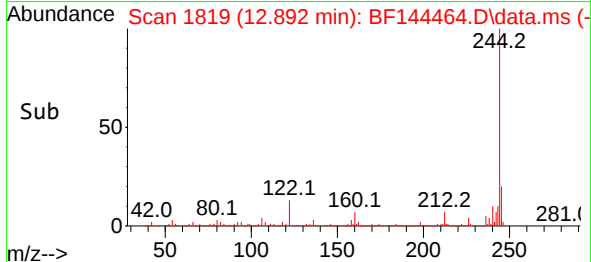
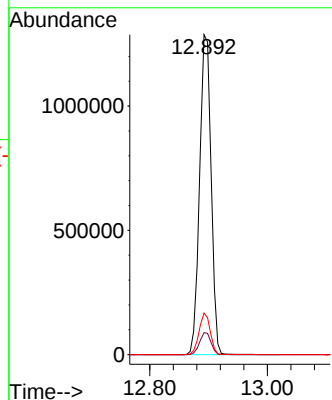
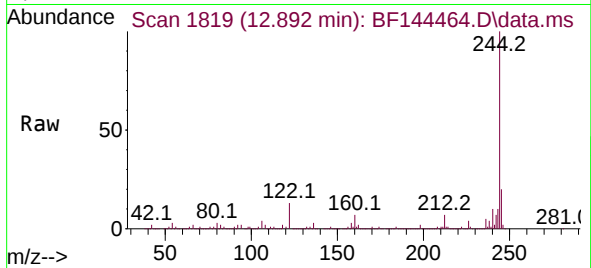




#79
 Terphenyl-d14
 Concen: 61.568 ng
 RT: 12.892 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF144464.D
 Acq: 12 Dec 2025 22:02

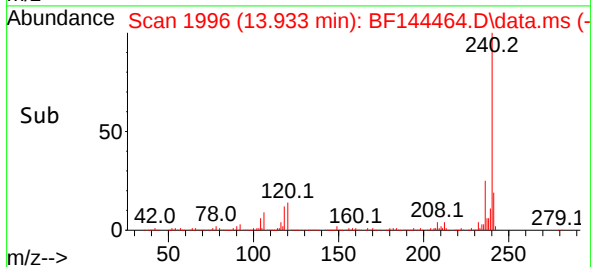
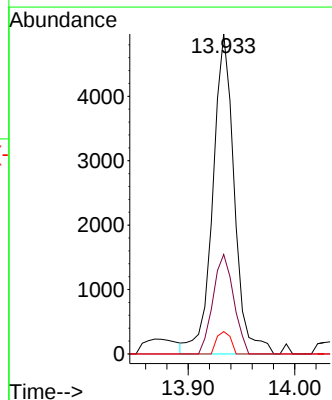
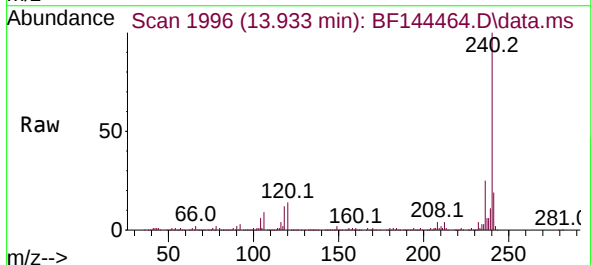
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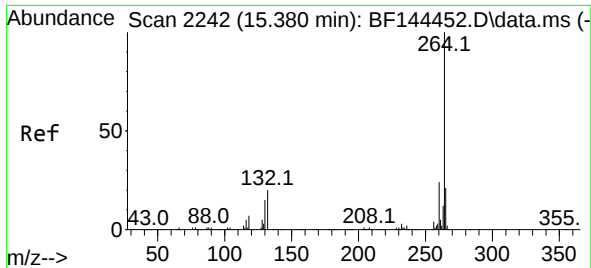
Tgt Ion:244 Resp: 1746663
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 13.0 9.9 14.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.321 ng
 RT: 13.933 min Scan# 1996
 Delta R.T. -0.006 min
 Lab File: BF144464.D
 Acq: 12 Dec 2025 22:02

Tgt Ion:149 Resp: 6975
 Ion Ratio Lower Upper
 149 100
 167 31.1 22.6 34.0
 279 7.0 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: BF144464.D
 Acq: 12 Dec 2025 22:02

Instrument :
 BNA_F
 ClientSampleId :
 C0AS3

Tgt Ion:264 Resp: 416236
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.3 17.1 25.7

