

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112125\
 Data File : BF144317.D
 Acq On : 21 Nov 2025 19:49
 Operator : RC/JU
 Sample : Q3678-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-STONE

Quant Time: Nov 21 22:05:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	50249	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	183689	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	92301	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	161310	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	151042	20.000	ng	0.00
86) Perylene-d12	15.521	264	114429	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	346683	107.965	ng	0.00
7) Phenol-d6	6.498	99	351509	96.611	ng	0.00
23) Nitrobenzene-d5	7.428	82	256918	80.779	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	139140	120.127	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	513715	82.201	ng	0.00
79) Terphenyl-d14	12.980	244	649470	68.300	ng	-0.01

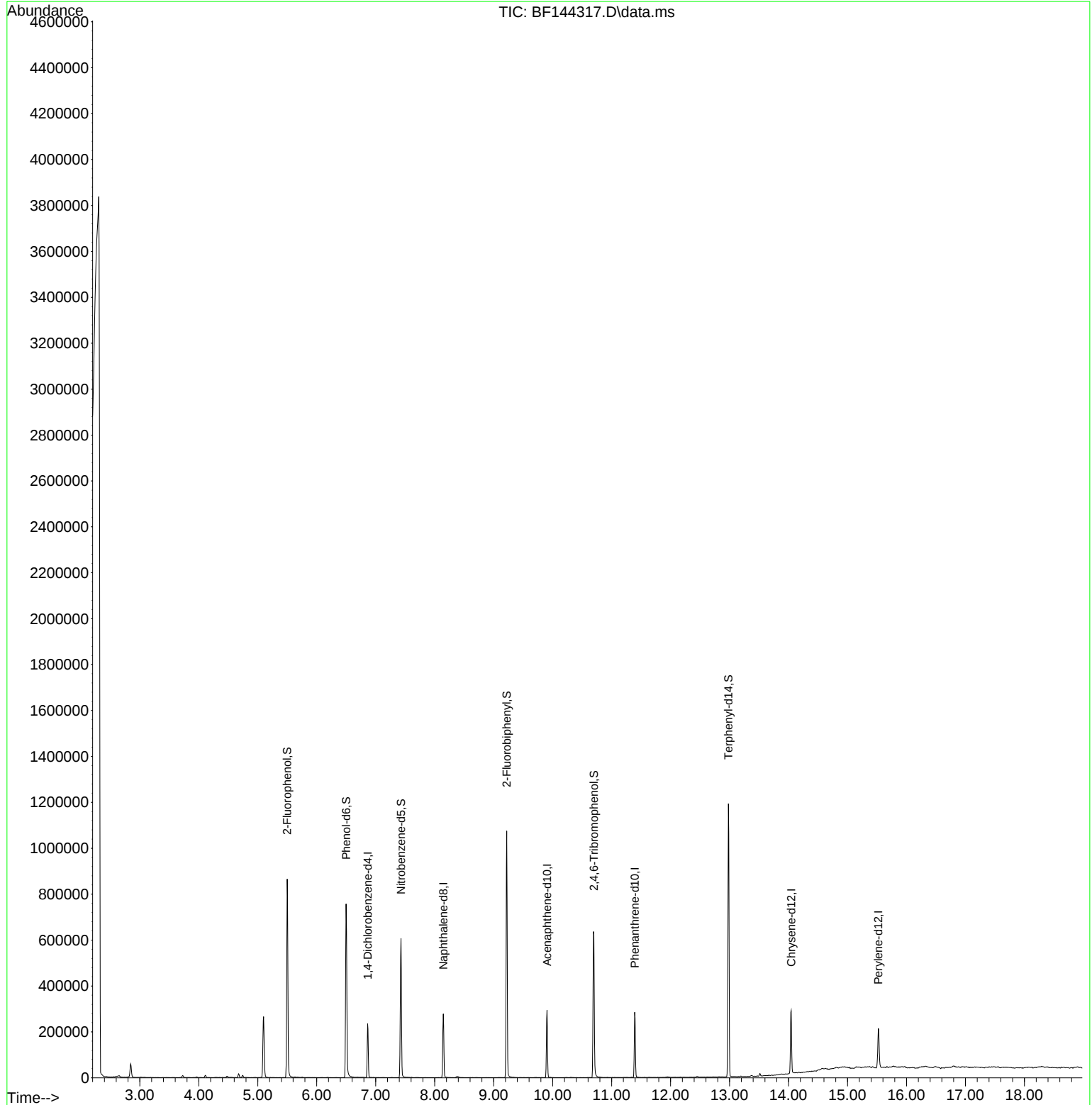
Target Compounds	Qvalue

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

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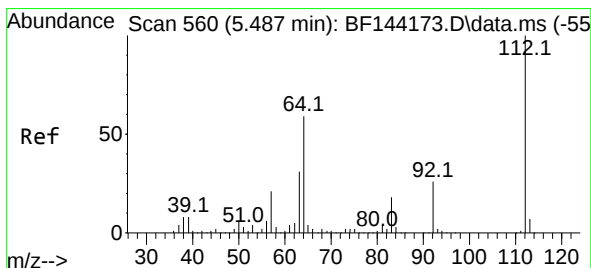
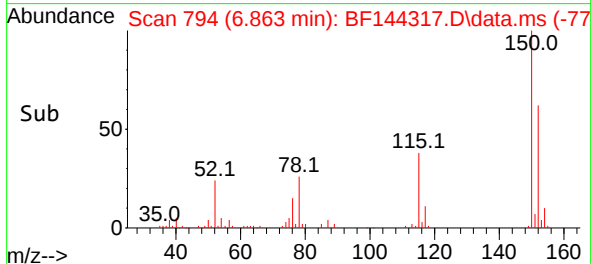
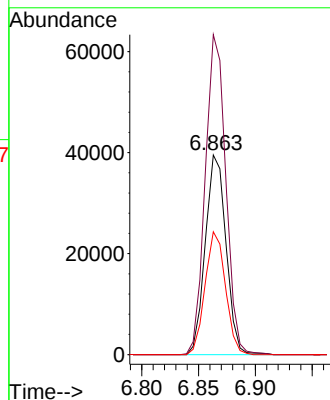
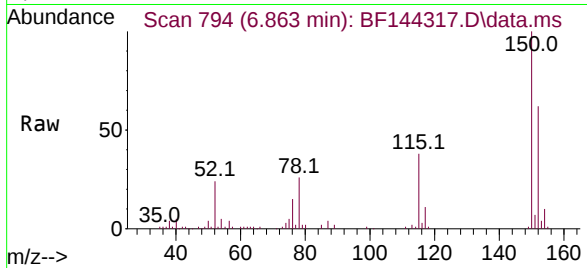




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144317.D
Acq: 21 Nov 2025 19:49

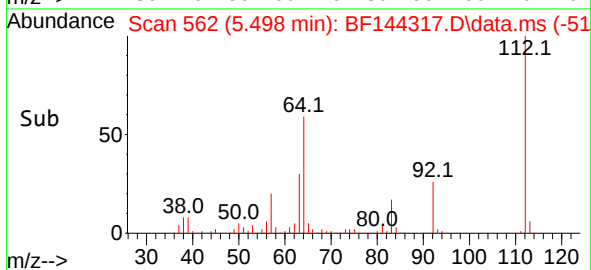
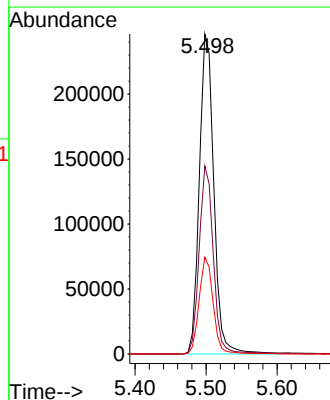
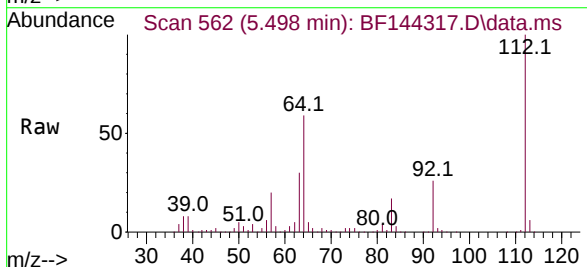
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONE

Tgt Ion:152 Resp: 50249
Ion Ratio Lower Upper
152 100
150 160.3 127.4 191.0
115 61.5 49.5 74.3



#5
2-Fluorophenol
Concen: 107.965 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144317.D
Acq: 21 Nov 2025 19:49

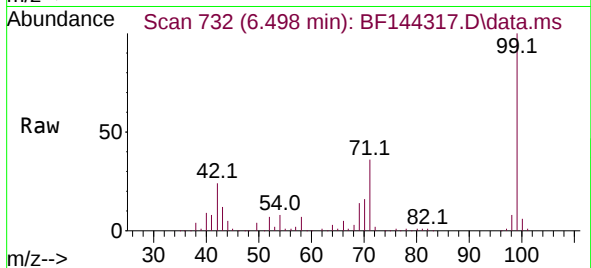
Tgt Ion:112 Resp: 346683
Ion Ratio Lower Upper
112 100
64 58.7 47.2 70.8
63 30.2 24.4 36.6



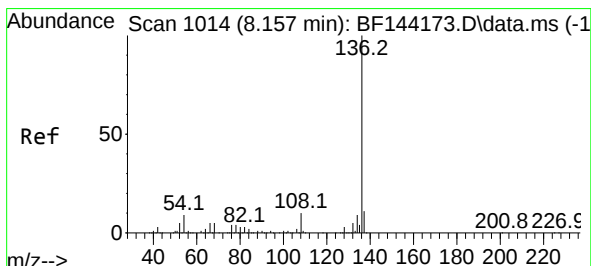
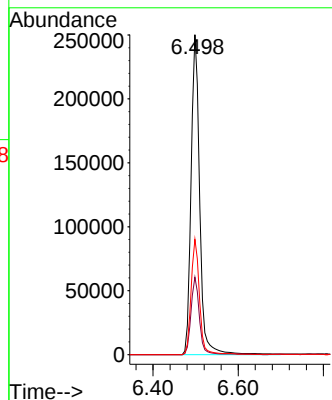
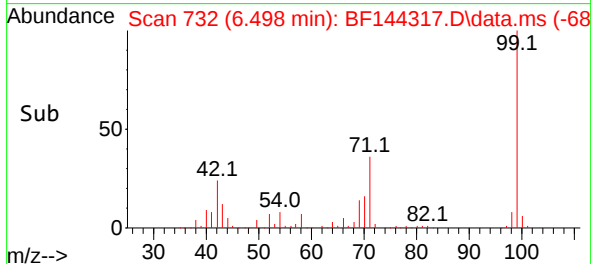


#7
Phenol-d6
Concen: 96.611 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144317.D
Acq: 21 Nov 2025 19:49

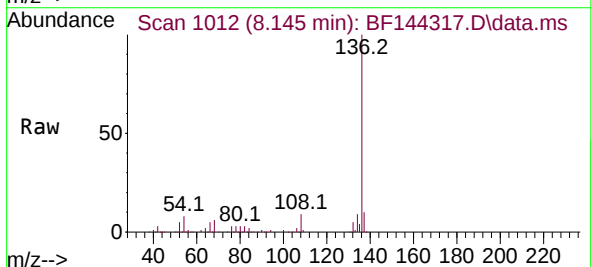
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-STONE



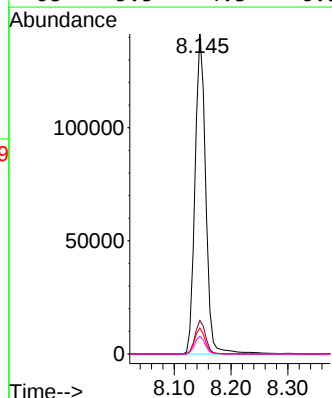
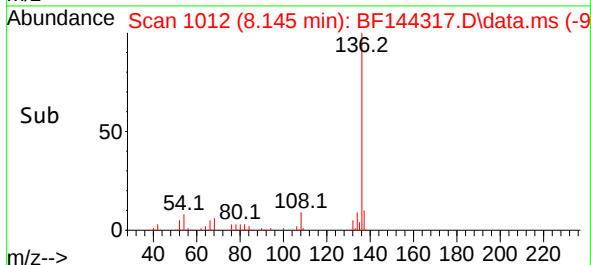
Tgt Ion: 99 Resp: 351509
Ion Ratio Lower Upper
99 100
42 24.2 20.9 31.3
71 36.0 31.4 47.2

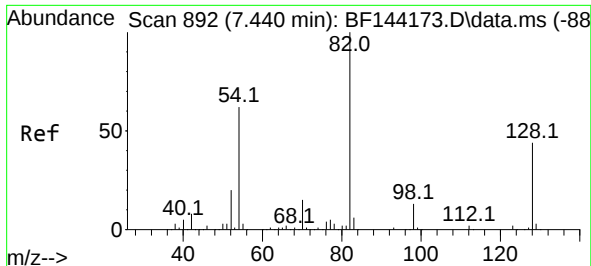


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144317.D
Acq: 21 Nov 2025 19:49



Tgt Ion: 136 Resp: 183689
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.1 7.0 10.6
68 5.5 4.3 6.5





#23

Nitrobenzene-d5

Concen: 80.779 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144317.D

Acq: 21 Nov 2025 19:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONE

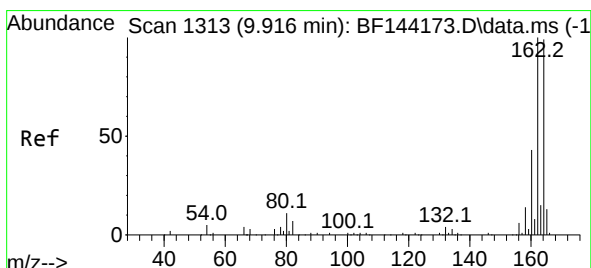
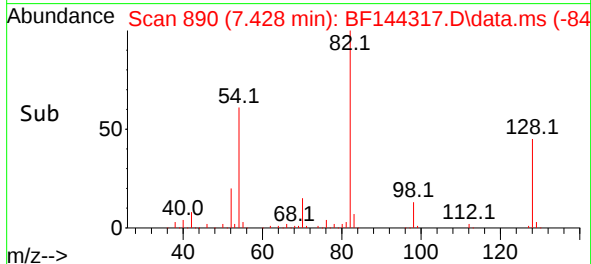
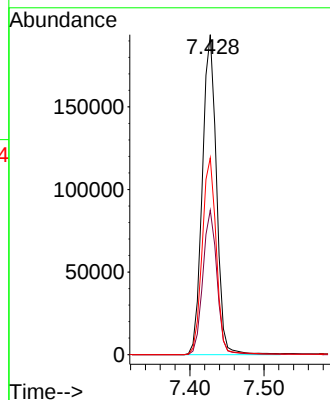
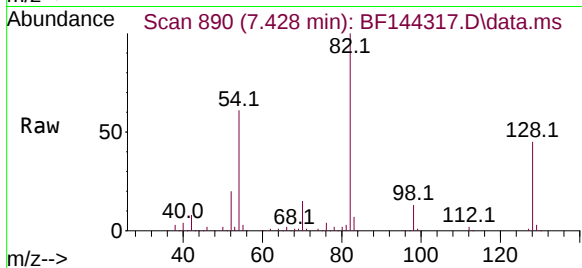
Tgt Ion: 82 Resp: 256918

Ion Ratio Lower Upper

82 100

128 45.1 34.7 52.1

54 61.5 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF144317.D

Acq: 21 Nov 2025 19:49

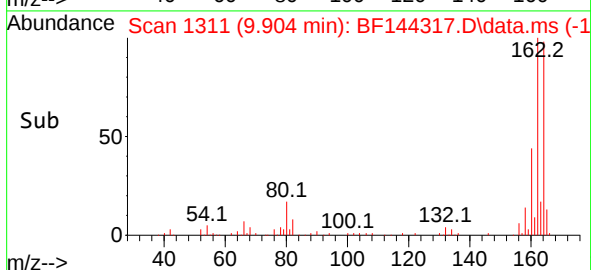
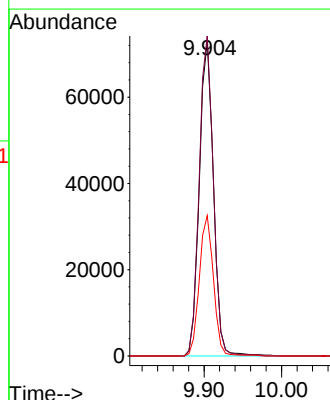
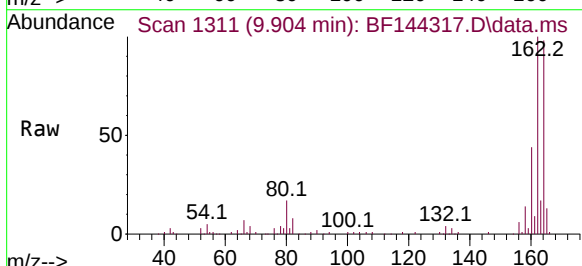
Tgt Ion:164 Resp: 92301

Ion Ratio Lower Upper

164 100

162 101.7 81.1 121.7

160 44.6 34.5 51.7

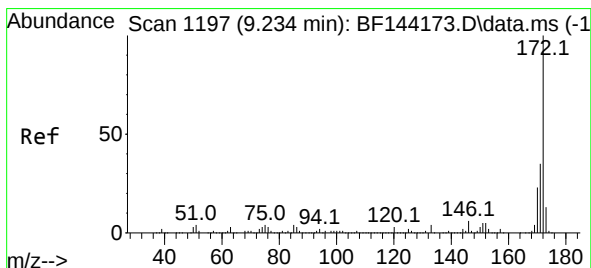
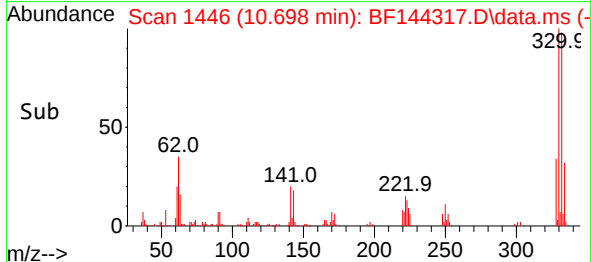
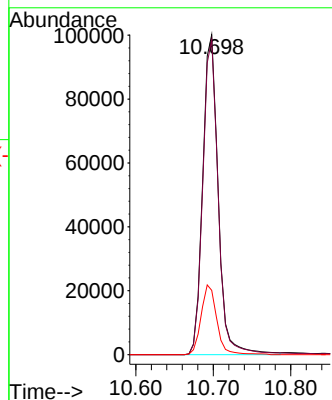
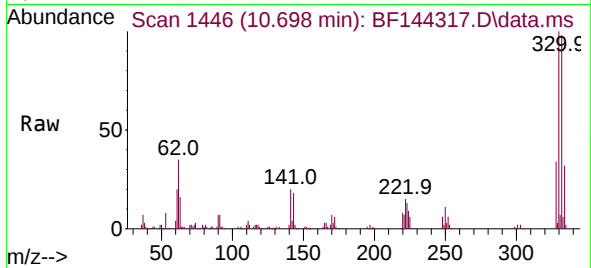




#42
2,4,6-Tribromophenol
Concen: 120.127 ng
RT: 10.698 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144317.D
Acq: 21 Nov 2025 19:49

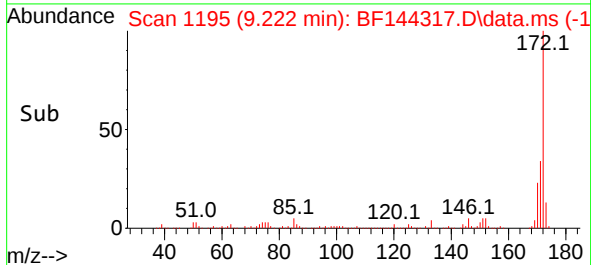
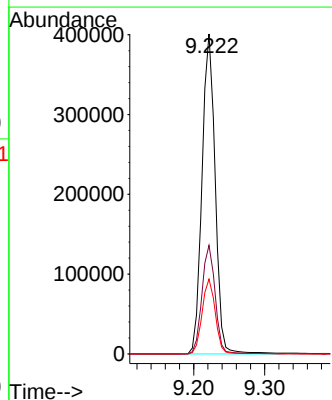
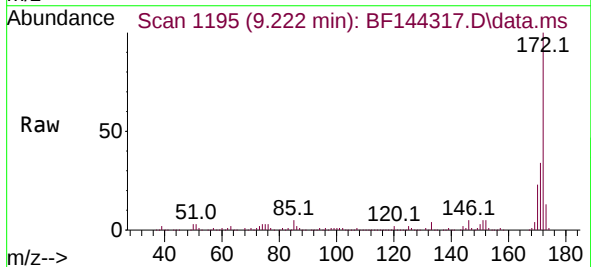
Instrument :
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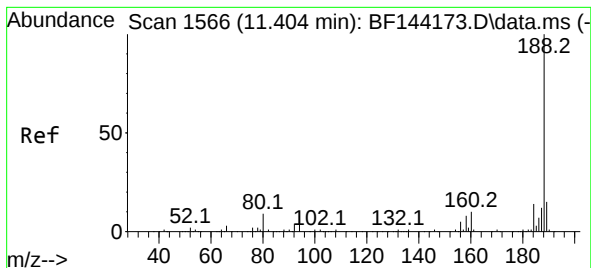
Tgt Ion:330 Resp: 139140
Ion Ratio Lower Upper
330 100
332 98.2 76.7 115.1
141 22.0 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 82.201 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144317.D
Acq: 21 Nov 2025 19:49

Tgt Ion:172 Resp: 513715
Ion Ratio Lower Upper
172 100
171 33.9 28.1 42.1
170 23.4 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144317.D

Acq: 21 Nov 2025 19:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-STONE

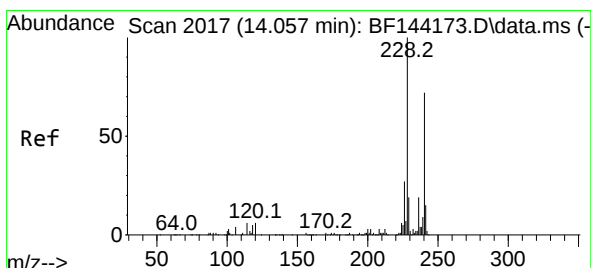
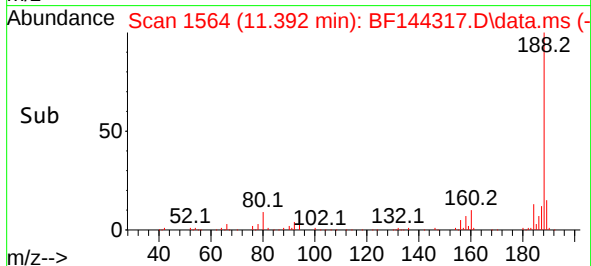
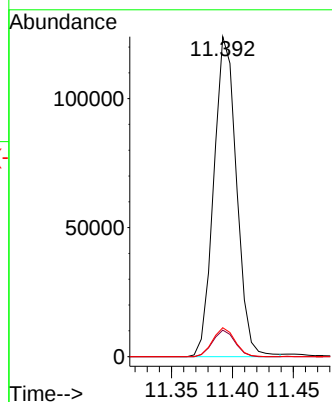
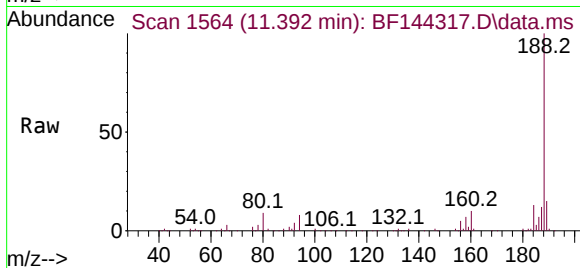
Tgt Ion:188 Resp: 161310

Ion Ratio Lower Upper

188 100

94 8.3 6.2 9.2

80 9.0 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144317.D

Acq: 21 Nov 2025 19:49

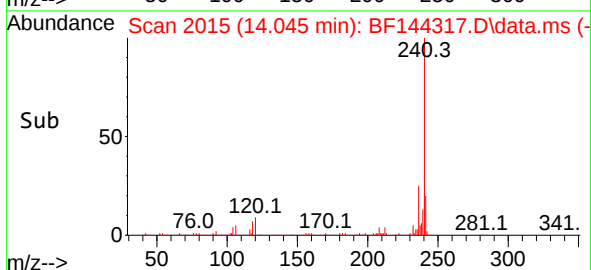
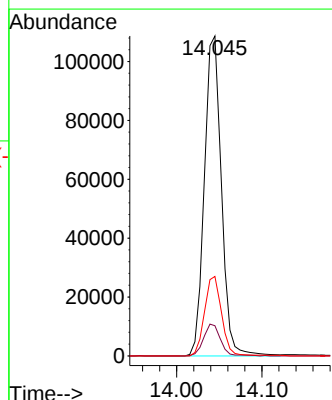
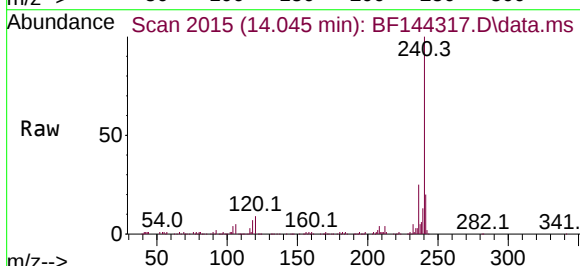
Tgt Ion:240 Resp: 151042

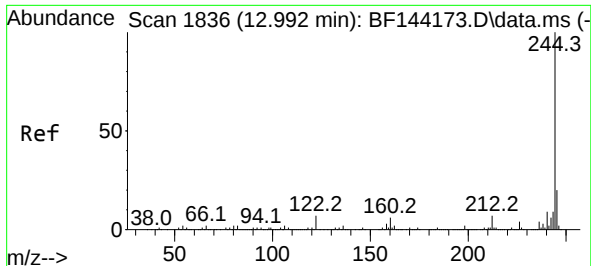
Ion Ratio Lower Upper

240 100

120 9.4 6.6 10.0

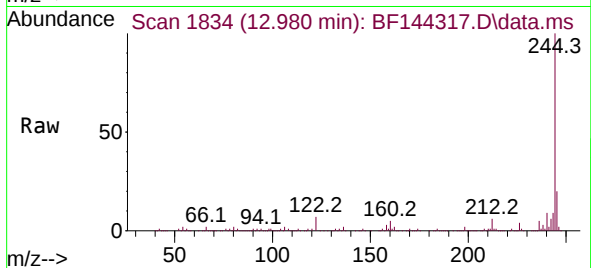
236 24.8 21.4 32.2



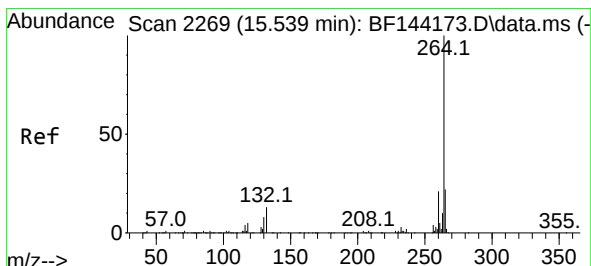
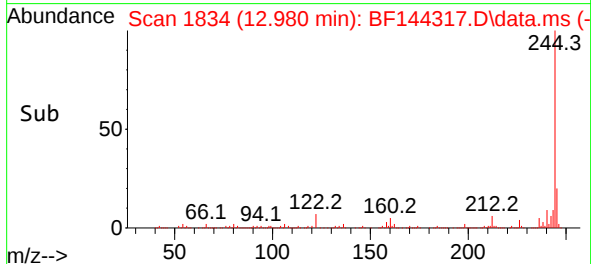
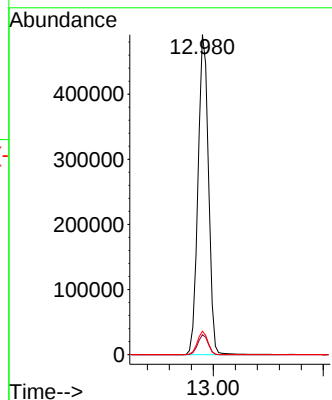


#79
 Terphenyl-d14
 Concen: 68.300 ng
 RT: 12.980 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF144317.D
 Acq: 21 Nov 2025 19:49

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 649470
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.3 7.9
 122 7.3 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF144317.D
 Acq: 21 Nov 2025 19:49

Tgt Ion:264 Resp: 114429
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.1 25.7
 265 21.9 17.4 26.0

