

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144352.D
 Acq On : 25 Nov 2025 16:15
 Operator : RC/JU
 Sample : Q3700-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Nov 25 17:04:23 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	6.857	152	52716	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	150908	20.000	ng	#-0.01
39) Acenaphthene-d10	9.898	164	98746	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	159320	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	146743	20.000	ng	#-0.01
86) Perylene-d12	15.521	264	179293	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	175163	51.997	ng	0.00
7) Phenol-d6	6.498	99	137006	35.894	ng	0.00
23) Nitrobenzene-d5	7.422	82	277213	106.094	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	91468	73.815	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	508591	76.069	ng	-0.01
79) Terphenyl-d14	12.986	244	605062	65.494	ng	0.00

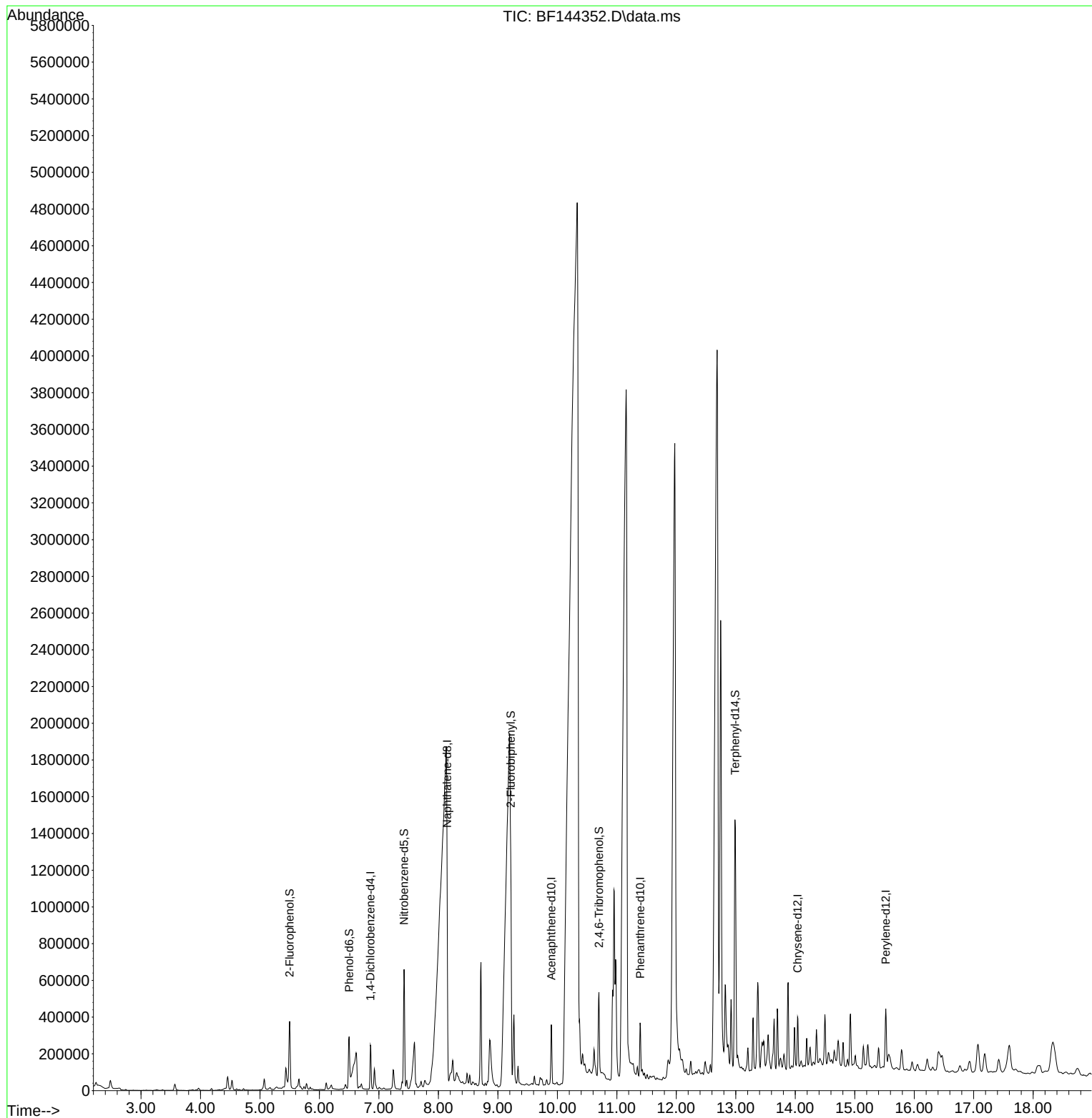
Target Compounds	Qvalue

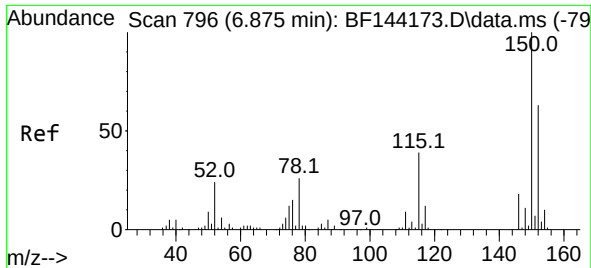
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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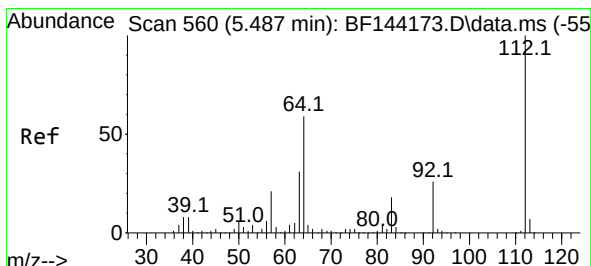
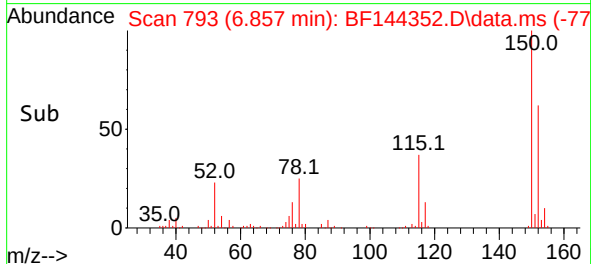
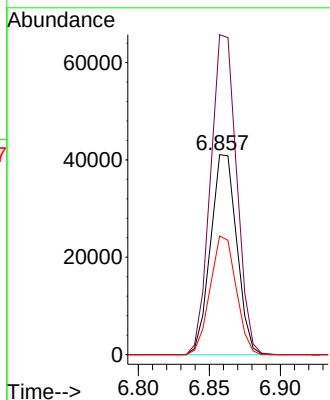
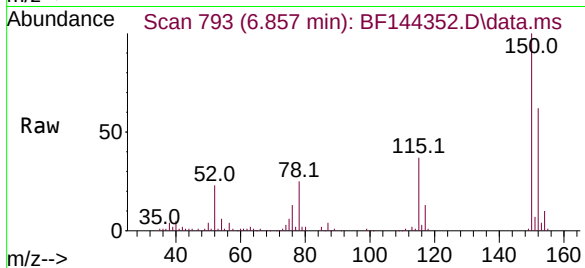




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 796
Delta R.T. -0.018 min
Lab File: BF144352.D
Acq: 25 Nov 2025 16:15

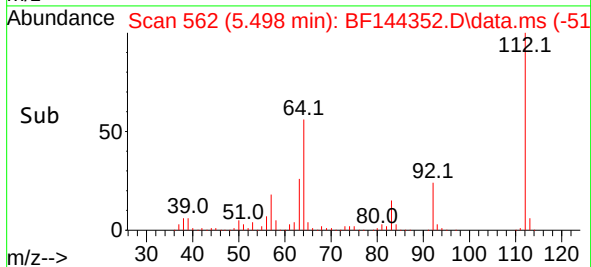
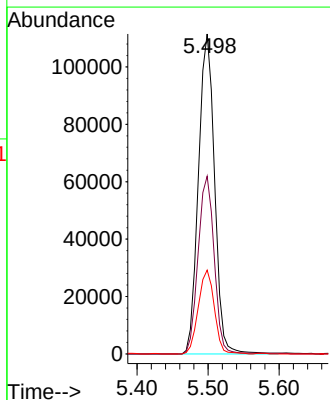
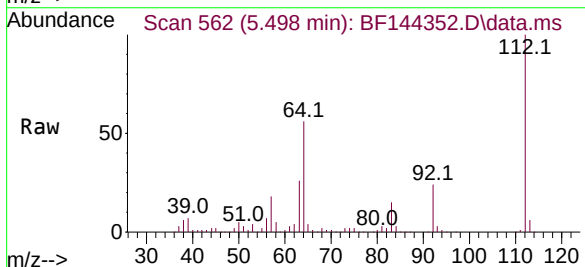
Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:152 Resp: 52716
Ion Ratio Lower Upper
152 100
150 160.1 127.4 191.0
115 59.4 49.5 74.3



#5
2-Fluorophenol
Concen: 51.997 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144352.D
Acq: 25 Nov 2025 16:15

Tgt Ion:112 Resp: 175163
Ion Ratio Lower Upper
112 100
64 55.5 47.2 70.8
63 26.2 24.4 36.6

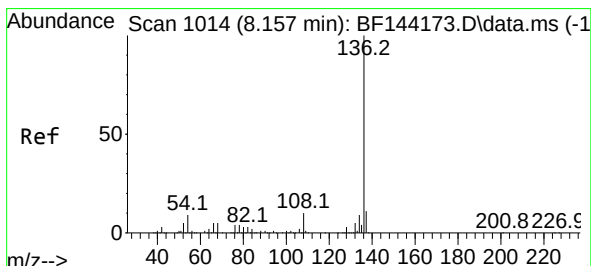
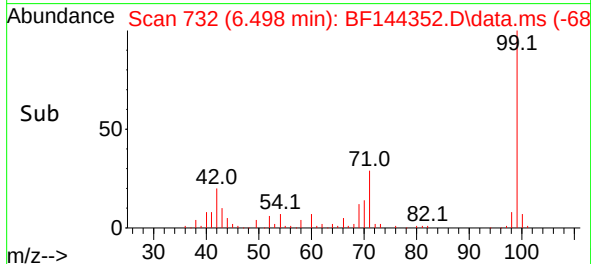
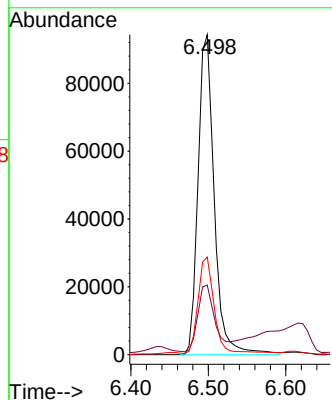
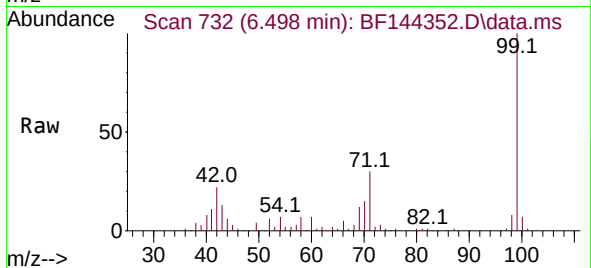




#7
Phenol-d6
Concen: 35.894 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144352.D
Acq: 25 Nov 2025 16:15

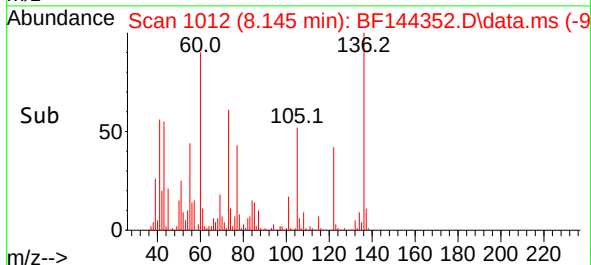
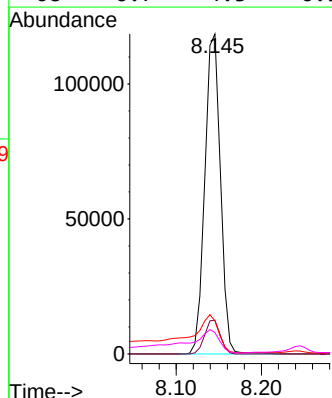
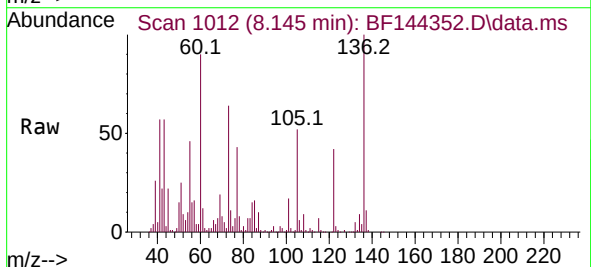
Instrument :
BNA_F
ClientSampleId :
EFF-WW

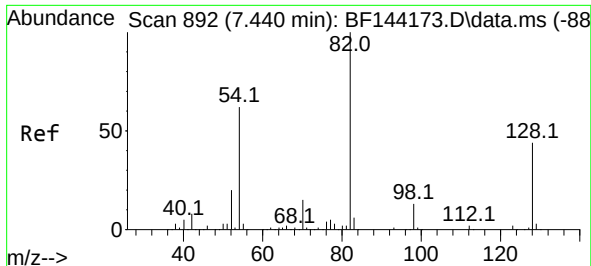
Tgt Ion: 99 Resp: 137006
Ion Ratio Lower Upper
99 100
42 21.7 20.9 31.3
71 30.5 31.4 47.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144352.D
Acq: 25 Nov 2025 16:15

Tgt Ion:136 Resp: 150908
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 10.3 7.0 10.6
68 6.7 4.3 6.5#





#23

Nitrobenzene-d5

Concen: 106.094 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144352.D

Acq: 25 Nov 2025 16:15

Instrument :

BNA_F

ClientSampleId :

EFF-WW

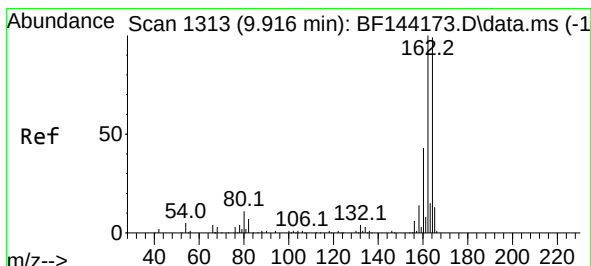
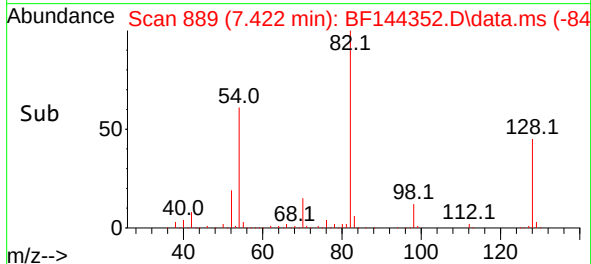
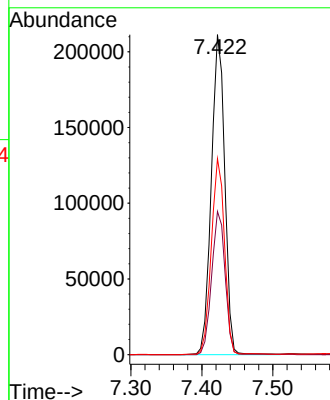
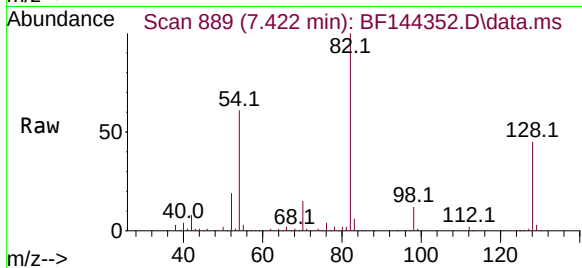
Tgt Ion: 82 Resp: 277213

Ion Ratio Lower Upper

82 100

128 44.7 34.7 52.1

54 61.2 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1310

Delta R.T. -0.018 min

Lab File: BF144352.D

Acq: 25 Nov 2025 16:15

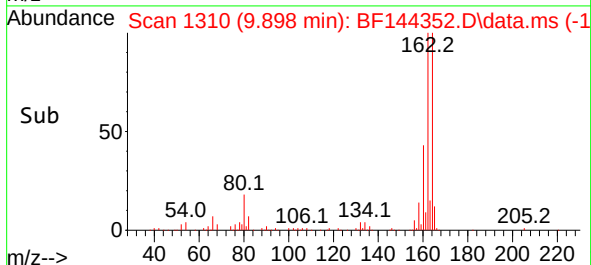
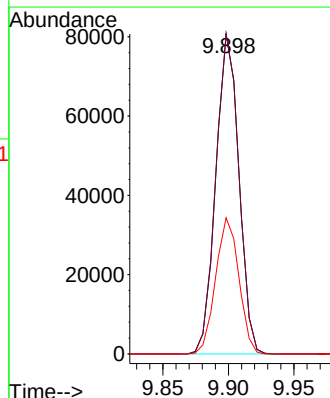
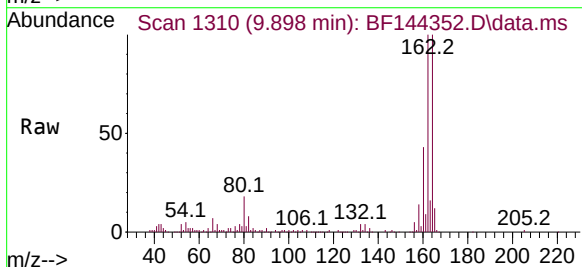
Tgt Ion:164 Resp: 98746

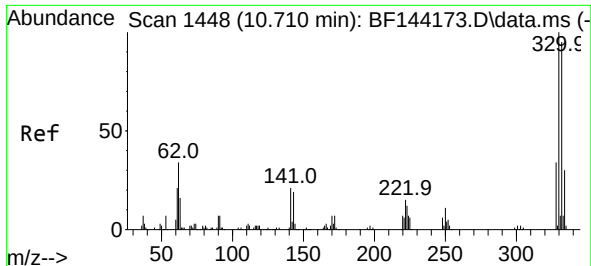
Ion Ratio Lower Upper

164 100

162 99.9 81.1 121.7

160 42.5 34.5 51.7

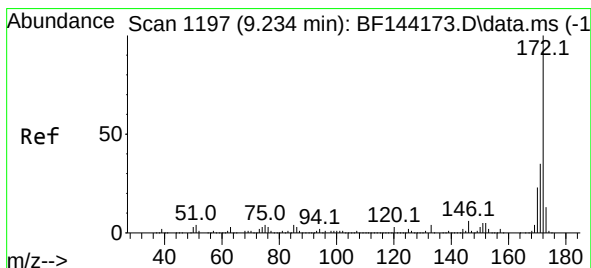
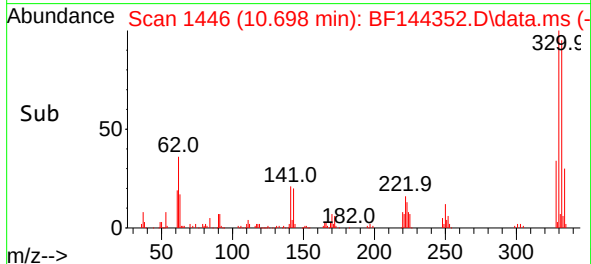
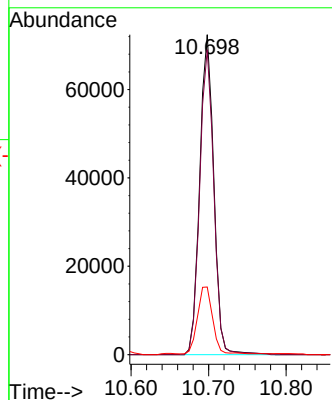
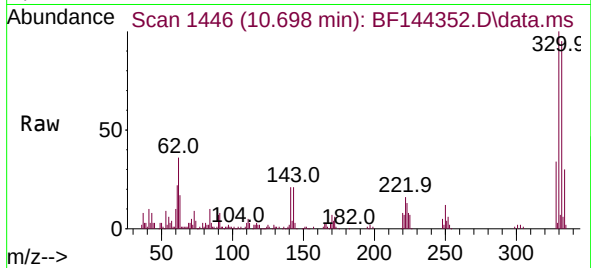




#42
2,4,6-Tribromophenol
Concen: 73.815 ng
RT: 10.698 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144352.D
Acq: 25 Nov 2025 16:15

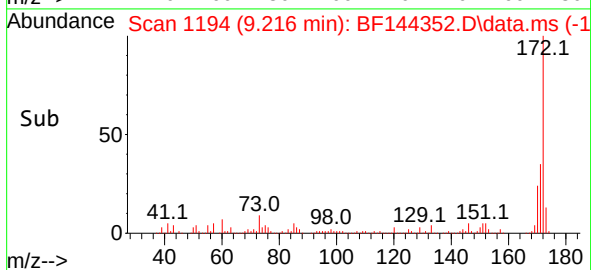
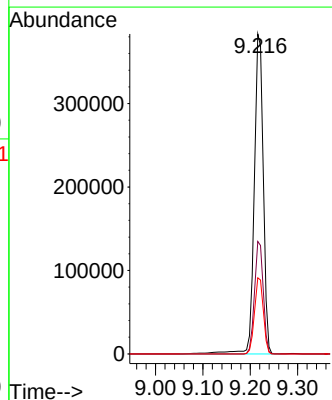
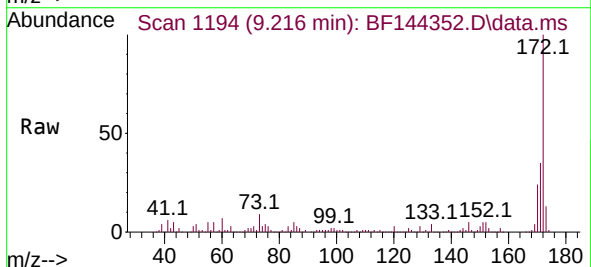
Instrument :
BNA_F
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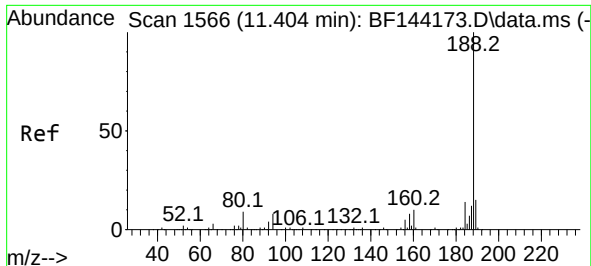
Tgt Ion: 330 Resp: 91468
Ion Ratio Lower Upper
330 100
332 95.4 76.7 115.1
141 22.2 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 76.069 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144352.D
Acq: 25 Nov 2025 16:15

Tgt Ion: 172 Resp: 508591
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.8 18.6 28.0

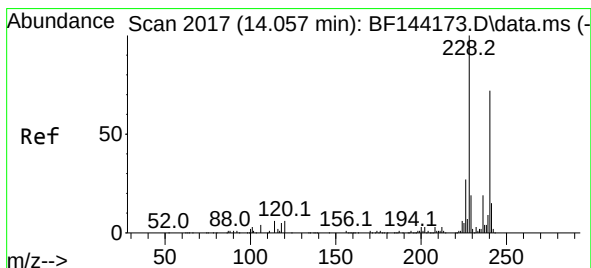
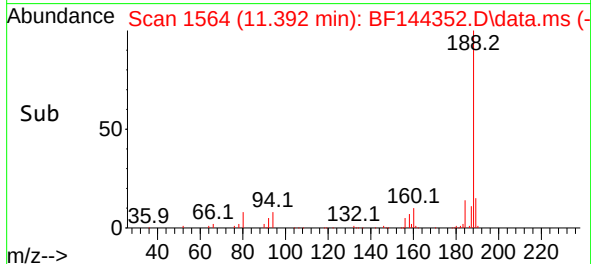
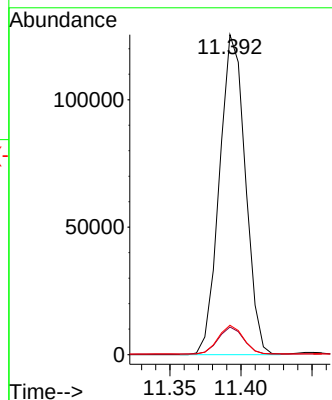
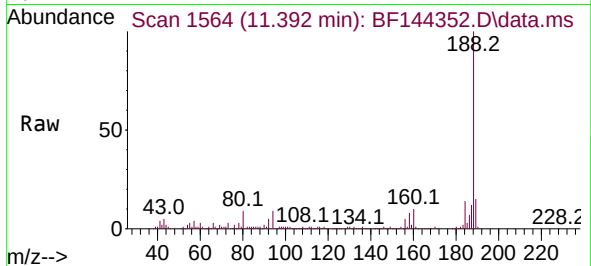




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144352.D
Acq: 25 Nov 2025 16:15

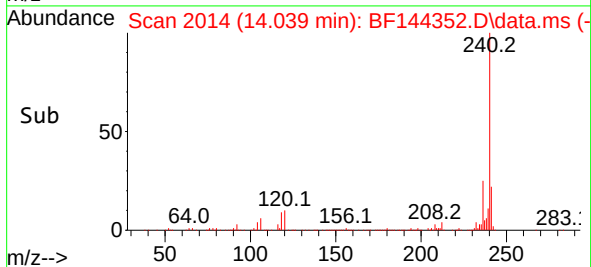
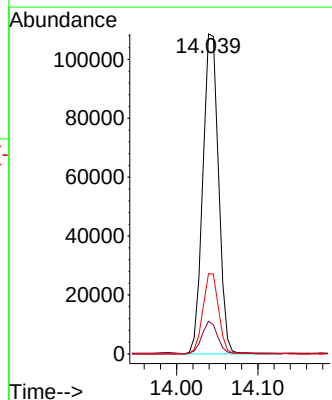
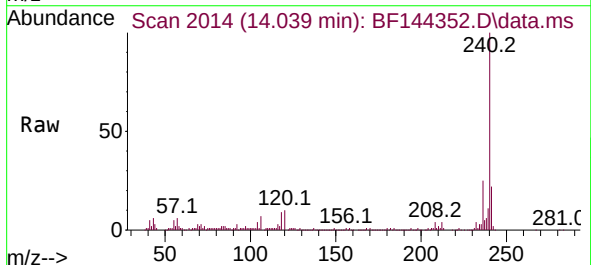
Instrument :
BNA_F
ClientSampleId :
EFF-WW

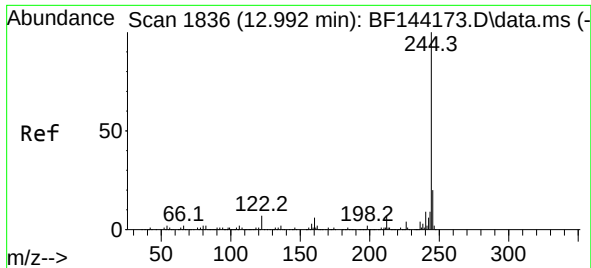
Tgt Ion:188 Resp: 159320
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.2
80 9.2 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144352.D
Acq: 25 Nov 2025 16:15

Tgt Ion:240 Resp: 146743
Ion Ratio Lower Upper
240 100
120 10.2 6.6 10.0#
236 25.1 21.4 32.2

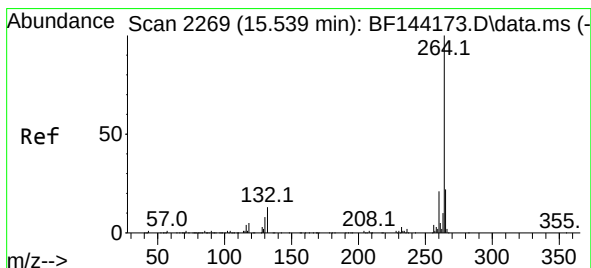
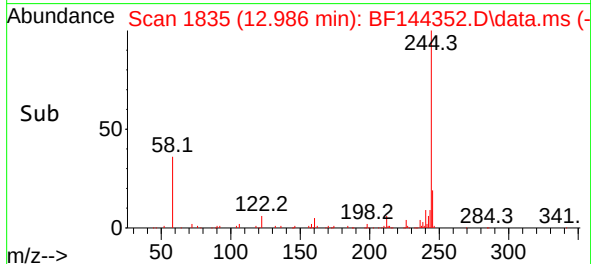
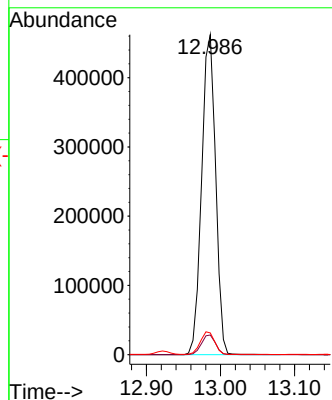
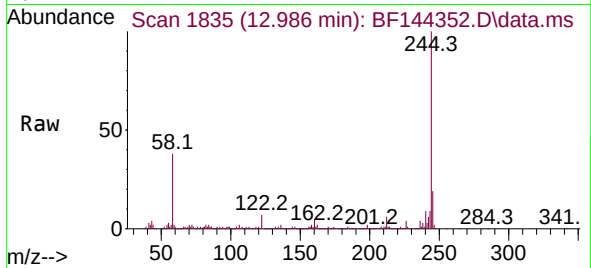




#79
 Terphenyl-d14
 Concen: 65.494 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion:244 Resp: 605062
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.3 7.9
 122 6.8 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: BF144352.D
 Acq: 25 Nov 2025 16:15

Tgt Ion:264 Resp: 179293
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.1 25.7
 265 21.3 17.4 26.0

