

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
 Data File : BF144377.D
 Acq On : 26 Nov 2025 23:14
 Operator : RC/JU
 Sample : Q3721-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-2-112525

Quant Time: Nov 27 00:55:02 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)

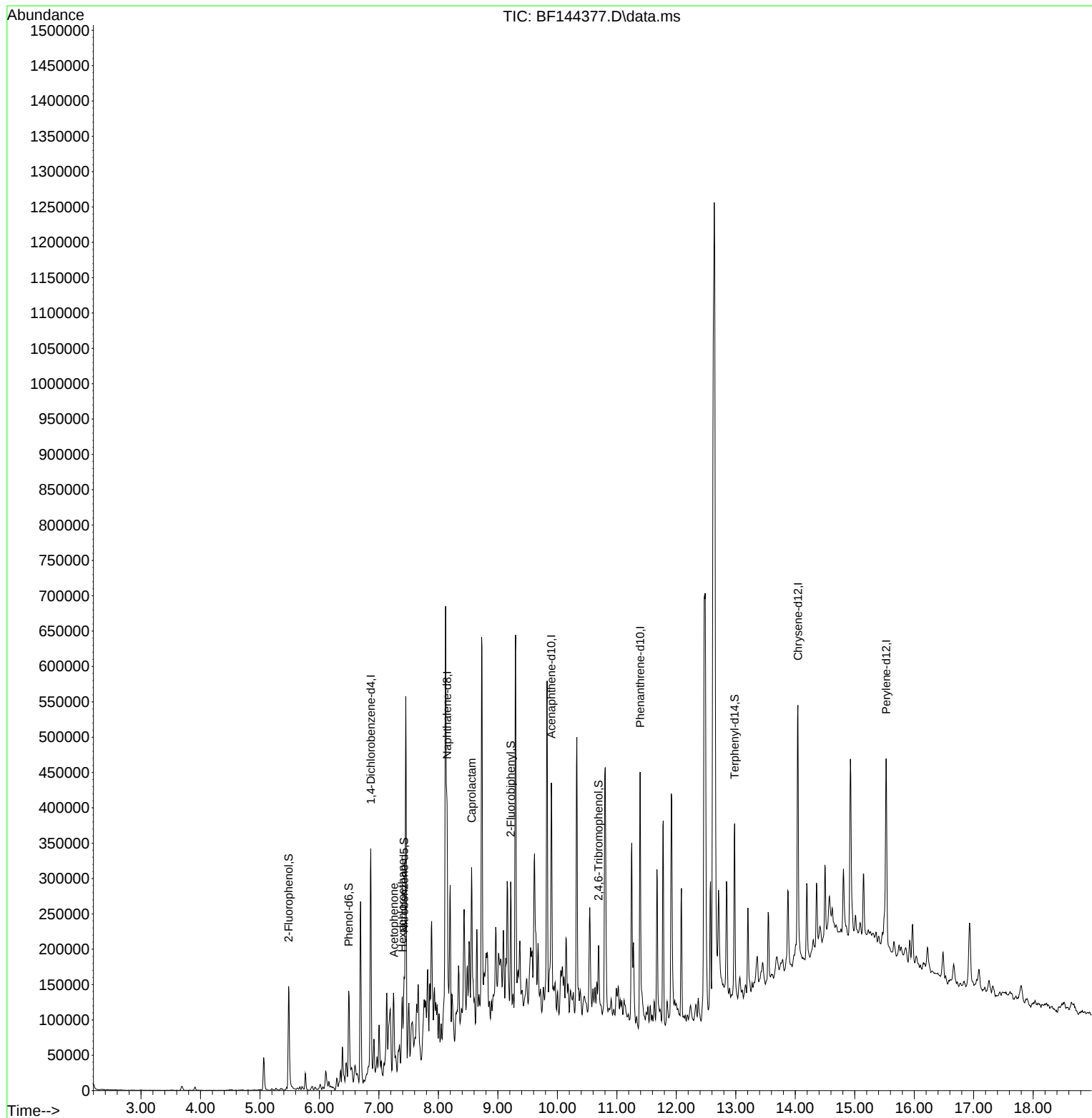
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58699	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	192348	20.000	ng	#-0.01
39) Acenaphthene-d10	9.898	164	96759	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	186285	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	188182	20.000	ng	0.00
86) Perylene-d12	15.527	264	139607	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	74573	19.881	ng	-0.01
7) Phenol-d6	6.493	99	80572	18.957	ng	0.00
23) Nitrobenzene-d5	7.422	82	45572	13.684	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	21632	17.816	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	86982	13.277	ng	-0.01
79) Terphenyl-d14	12.980	244	124924	10.545	ng	-0.01
Target Compounds						
18) Hexachloroethane	7.392	117	4783	3.166	ng	# 1
22) Acetophenone	7.251	105	17037	4.129	ng	# 41
35) Caprolactam	8.557	113	5449	6.432	ng	# 1

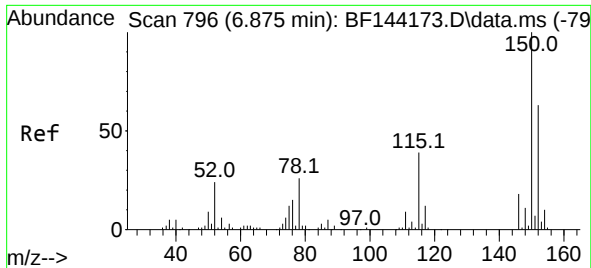
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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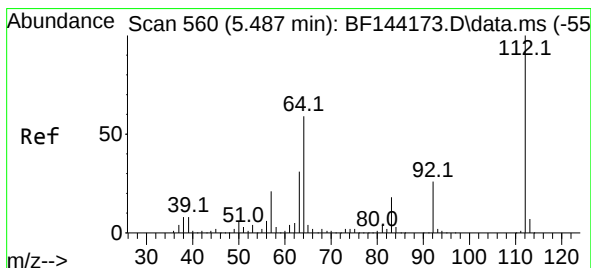
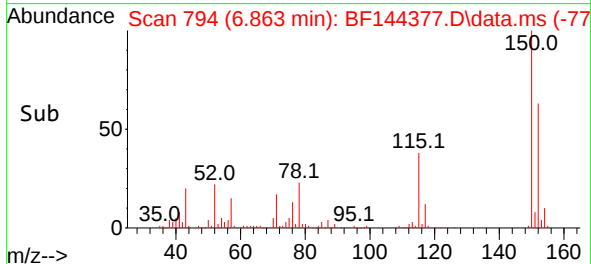
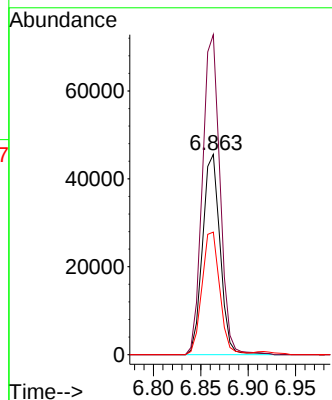
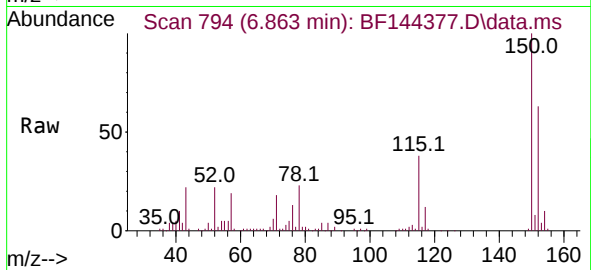




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144377.D
Acq: 26 Nov 2025 23:14

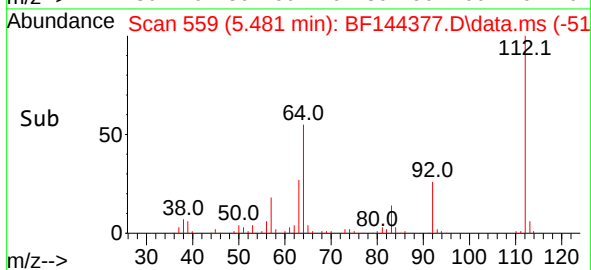
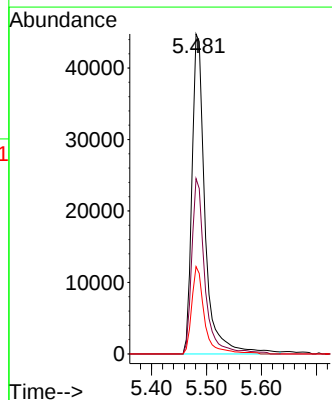
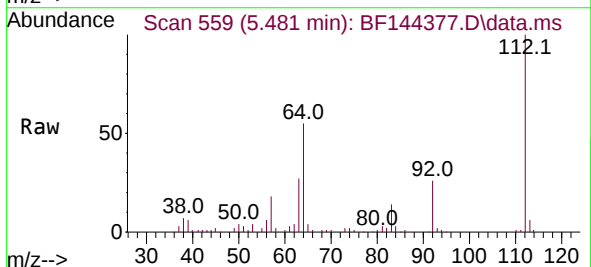
Instrument :
BNA_F
ClientSampleId :
EO-2-112525

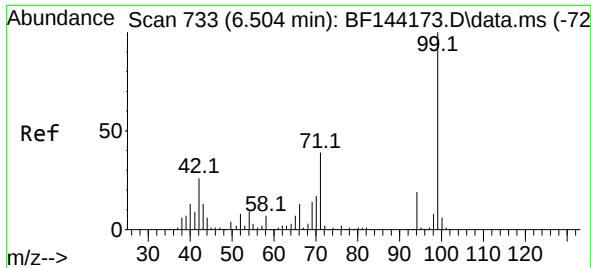
Tgt Ion:152 Resp: 58699
Ion Ratio Lower Upper
152 100
150 159.8 127.4 191.0
115 61.2 49.5 74.3



#5
2-Fluorophenol
Concen: 19.881 ng
RT: 5.481 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF144377.D
Acq: 26 Nov 2025 23:14

Tgt Ion:112 Resp: 74573
Ion Ratio Lower Upper
112 100
64 54.8 47.2 70.8
63 27.3 24.4 36.6

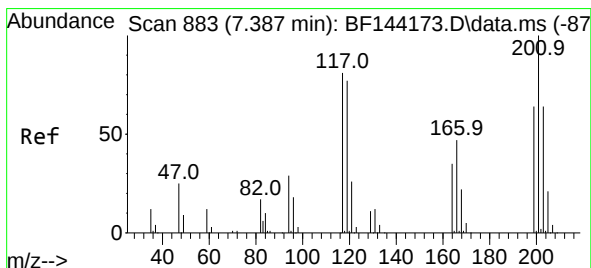
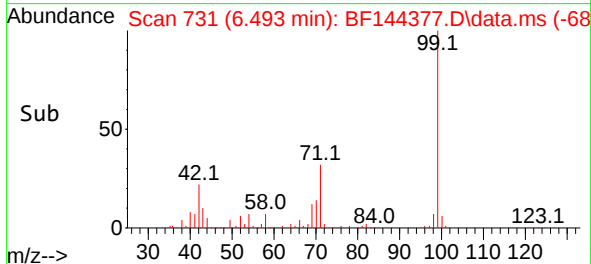
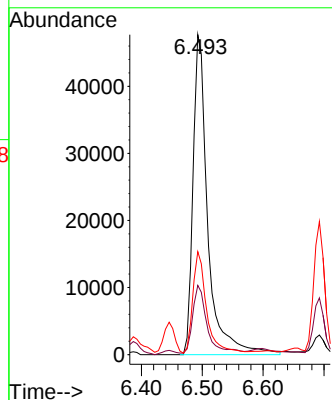
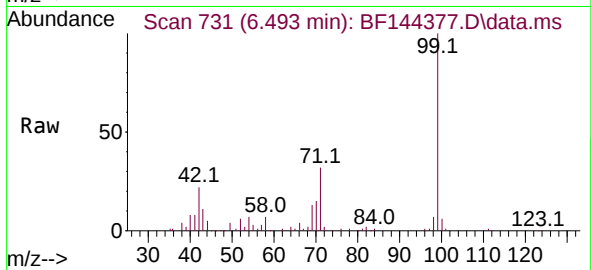




#7
Phenol-d6
Concen: 18.957 ng
RT: 6.493 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF144377.D
Acq: 26 Nov 2025 23:14

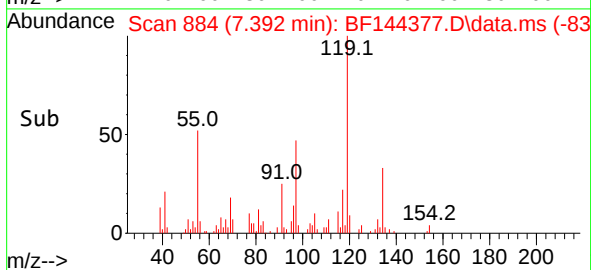
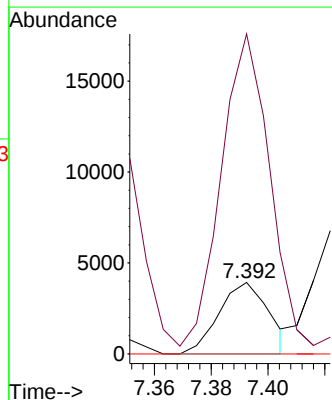
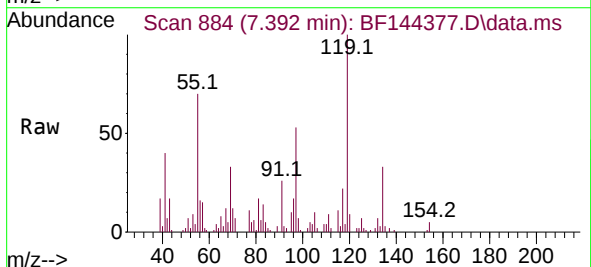
Instrument :
BNA_F
ClientSampleId :
EO-2-112525

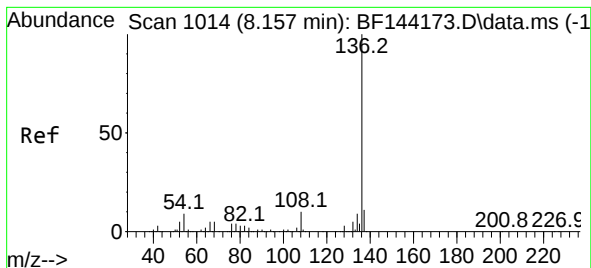
Tgt Ion: 99 Resp: 80572
Ion Ratio Lower Upper
99 100
42 21.6 20.9 31.3
71 32.2 31.4 47.2



#18
Hexachloroethane
Concen: 3.166 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF144377.D
Acq: 26 Nov 2025 23:14

Tgt Ion: 117 Resp: 4783
Ion Ratio Lower Upper
117 100
119 447.7 75.8 113.8#
201 0.0 98.9 148.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF144377.D

Acq: 26 Nov 2025 23:14

Instrument :

BNA_F

ClientSampleId :

EO-2-112525

Tgt Ion:136 Resp: 192348

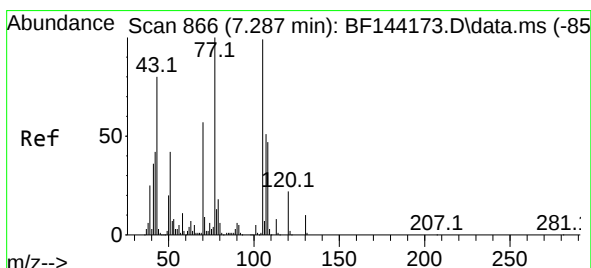
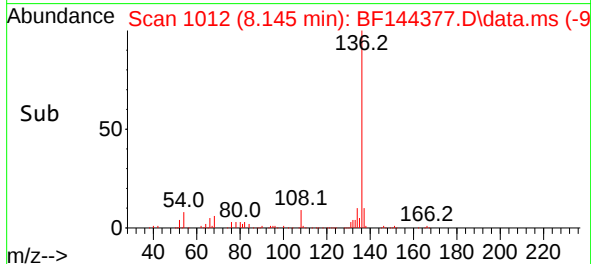
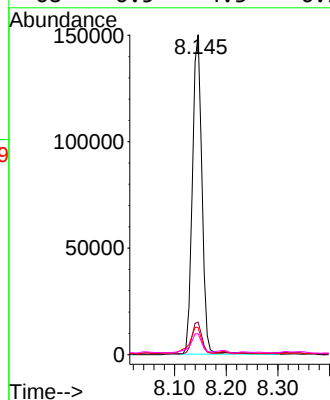
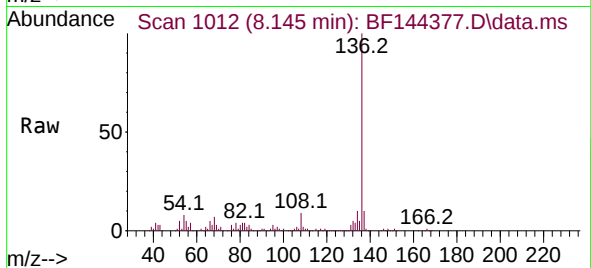
Ion Ratio Lower Upper

136 100

137 10.1 8.6 13.0

54 8.4 7.0 10.6

68 6.5 4.3 6.5#



#22

Acetophenone

Concen: 4.129 ng

RT: 7.251 min Scan# 860

Delta R.T. -0.029 min

Lab File: BF144377.D

Acq: 26 Nov 2025 23:14

Tgt Ion:105 Resp: 17037

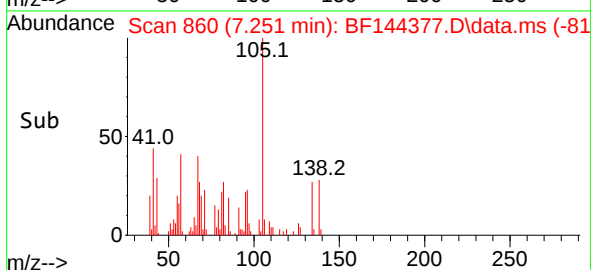
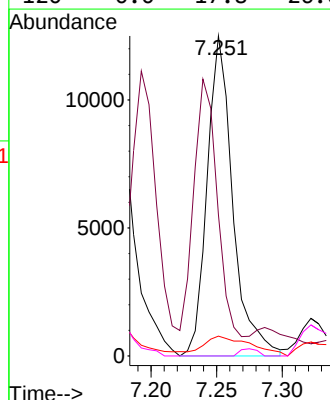
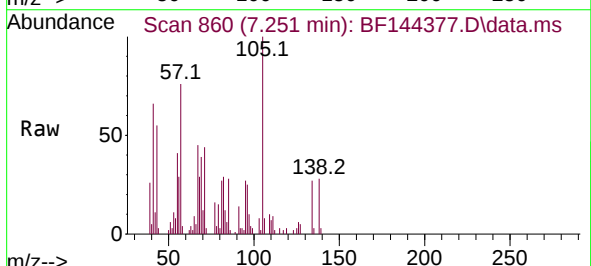
Ion Ratio Lower Upper

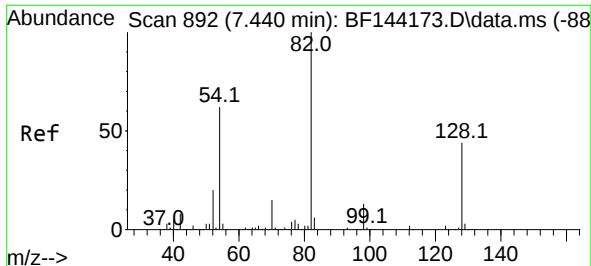
105 100

71 44.1 7.2 10.8#

51 6.2 34.0 51.0#

120 0.0 17.8 26.6#





#23

Nitrobenzene-d5

Concen: 13.684 ng

RT: 7.422 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF144377.D

Acq: 26 Nov 2025 23:14

Instrument :

BNA_F

ClientSampleId :

EO-2-112525

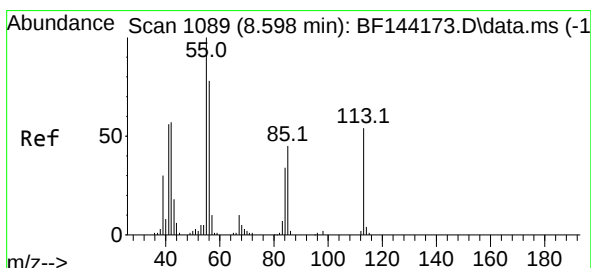
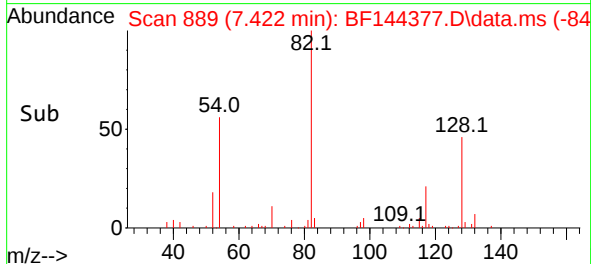
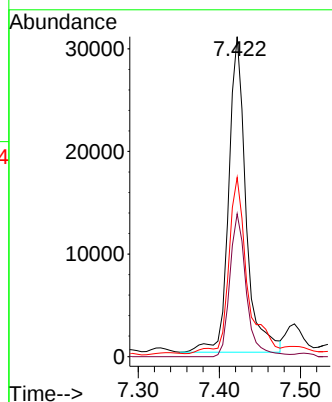
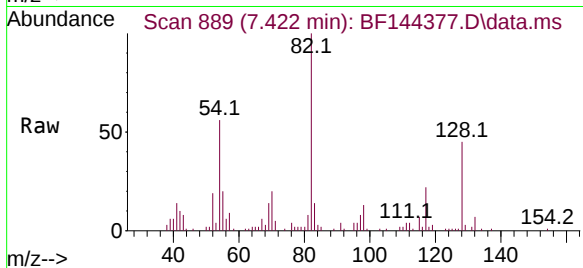
Tgt Ion: 82 Resp: 45572

Ion Ratio Lower Upper

82 100

128 44.6 34.7 52.1

54 56.0 49.5 74.3



#35

Caprolactam

Concen: 6.432 ng

RT: 8.557 min Scan# 1082

Delta R.T. -0.065 min

Lab File: BF144377.D

Acq: 26 Nov 2025 23:14

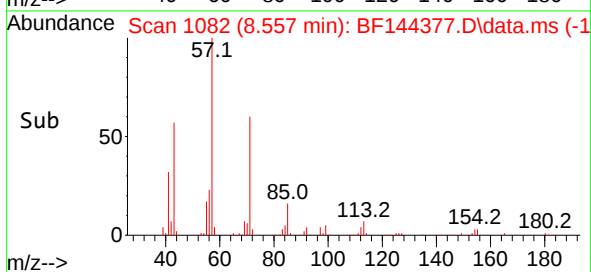
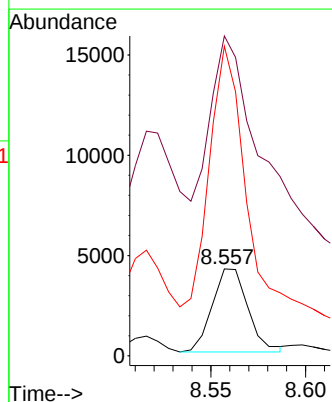
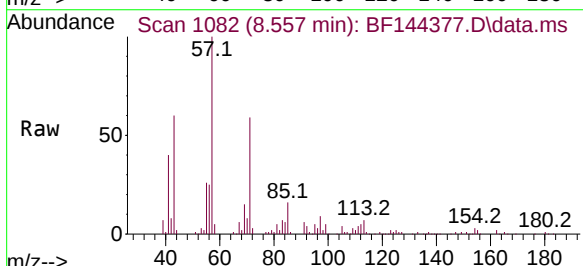
Tgt Ion: 113 Resp: 5449

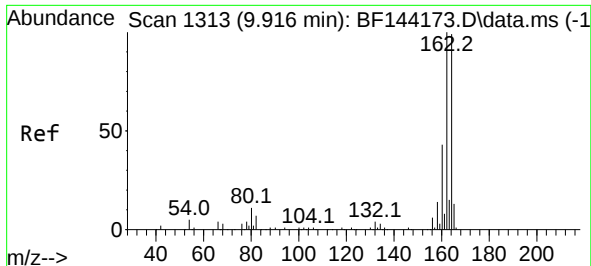
Ion Ratio Lower Upper

113 100

55 367.8 166.8 206.8#

56 356.0 125.9 165.9#

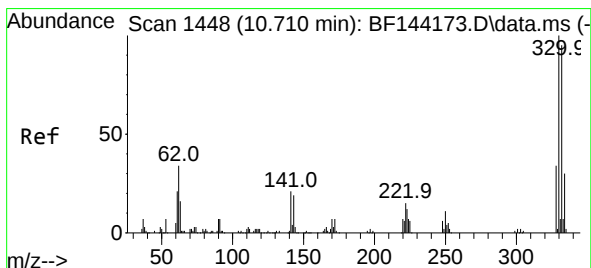
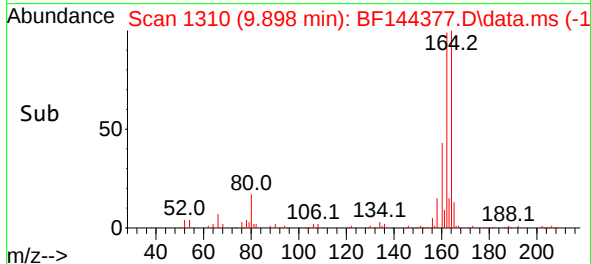
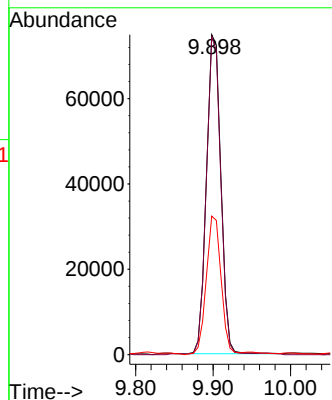
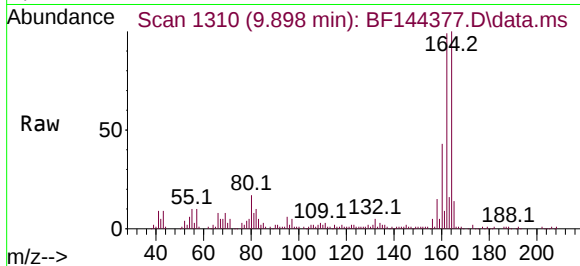




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144377.D
Acq: 26 Nov 2025 23:14

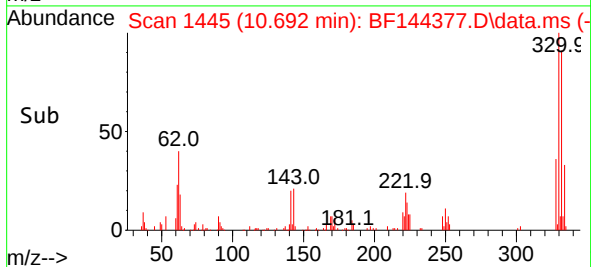
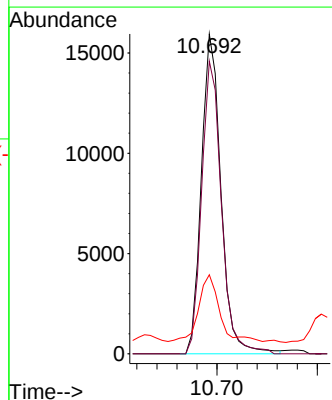
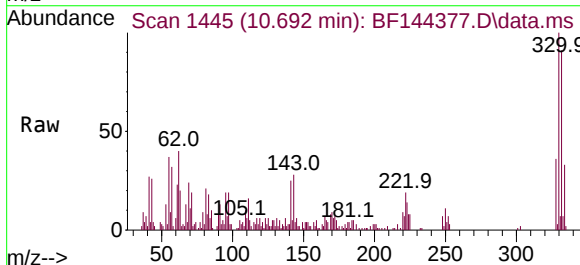
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EO-2-112525

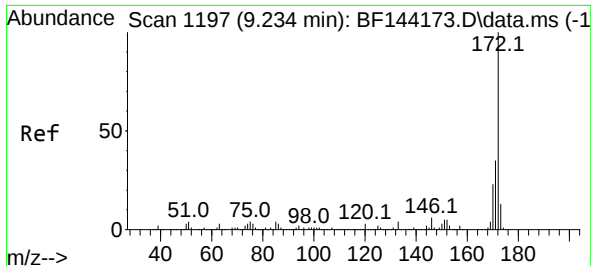
Tgt Ion:164 Resp: 96759
Ion Ratio Lower Upper
164 100
162 99.3 81.1 121.7
160 43.3 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 17.816 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144377.D
Acq: 26 Nov 2025 23:14

Tgt Ion:330 Resp: 21632
Ion Ratio Lower Upper
330 100
332 92.3 76.7 115.1
141 23.4 17.8 26.8

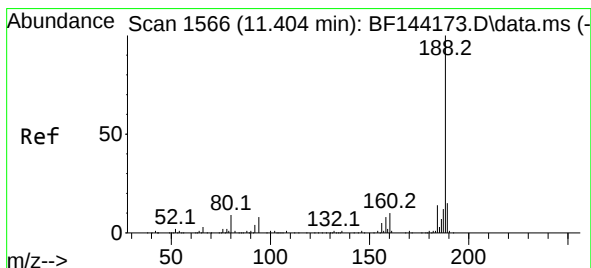
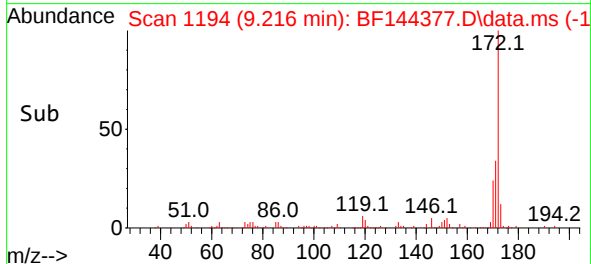
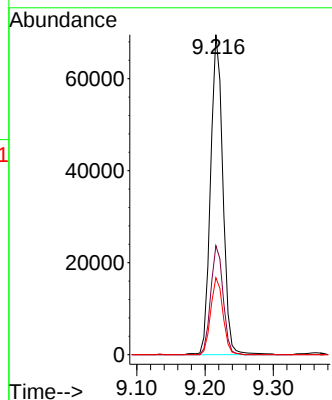
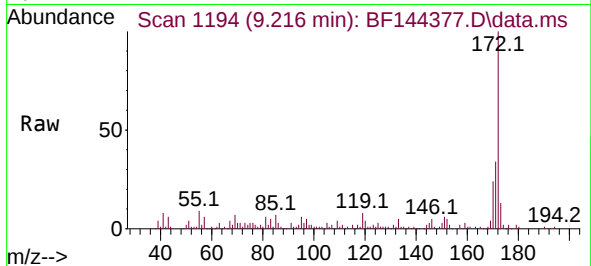




#45
2-Fluorobiphenyl
Concen: 13.277 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144377.D
Acq: 26 Nov 2025 23:14

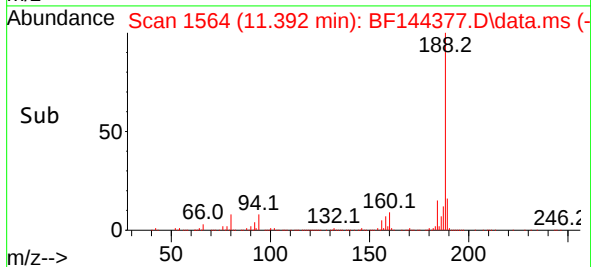
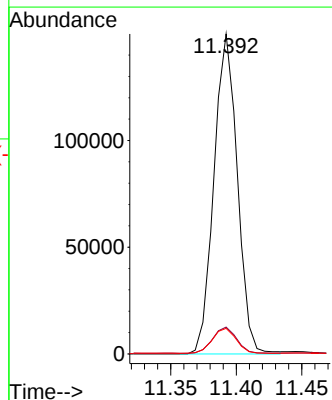
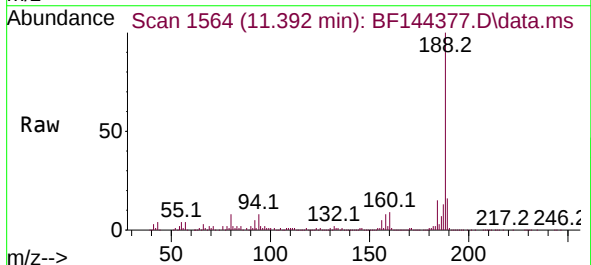
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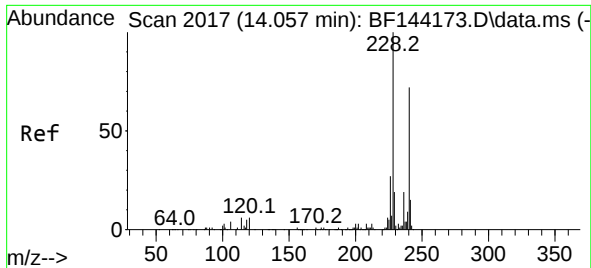
Tgt Ion:172 Resp: 86982
Ion Ratio Lower Upper
172 100
171 34.0 28.1 42.1
170 24.0 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144377.D
Acq: 26 Nov 2025 23:14

Tgt Ion:188 Resp: 186285
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 8.0 6.9 10.3

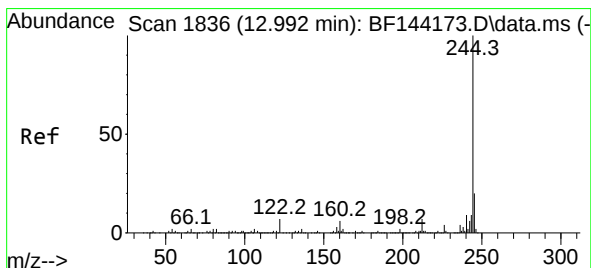
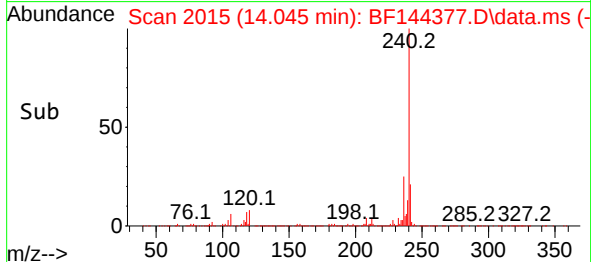
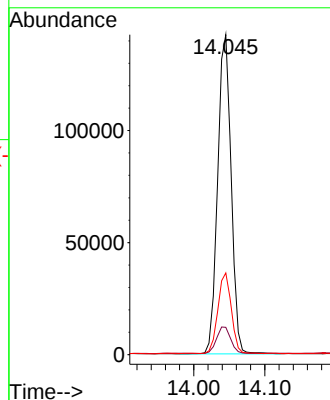
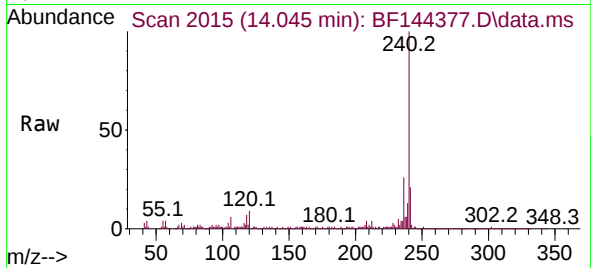




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144377.D
Acq: 26 Nov 2025 23:14

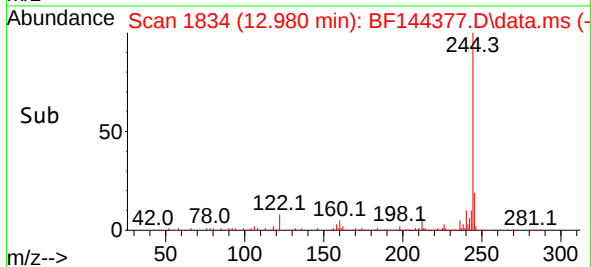
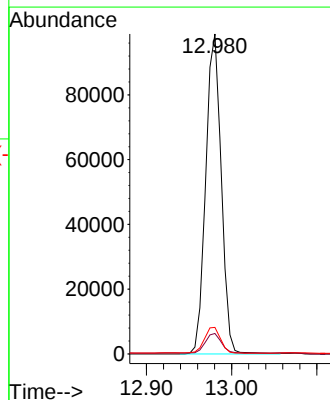
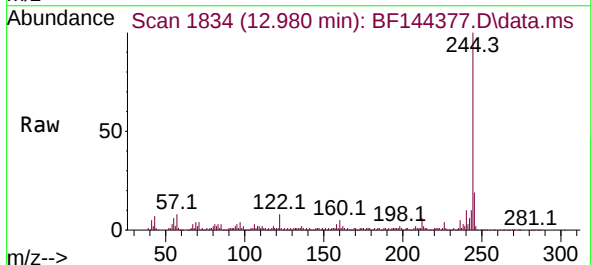
Instrument :
BNA_F
ClientSampleId :
EO-2-112525

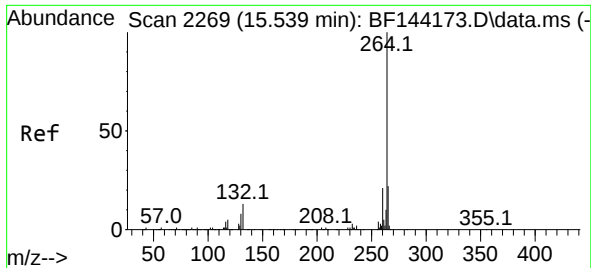
Tgt Ion:240 Resp: 188182
Ion Ratio Lower Upper
240 100
120 8.5 6.6 10.0
236 25.5 21.4 32.2



#79
Terphenyl-d14
Concen: 10.545 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144377.D
Acq: 26 Nov 2025 23:14

Tgt Ion:244 Resp: 124924
Ion Ratio Lower Upper
244 100
212 6.4 5.3 7.9
122 8.3 5.6 8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144377.D
Acq: 26 Nov 2025 23:14

Instrument :
BNA_F
ClientSampleId :
EO-2-112525

Tgt Ion:264 Resp: 139607

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.1	25.7
265	21.8	17.4	26.0

