

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144227.D
 Acq On : 12 Nov 2025 03:22
 Operator : RC/JU
 Sample : Q3593-04 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-LAW-25-0167-0175-COMP

Quant Time: Nov 12 03:51:19 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)

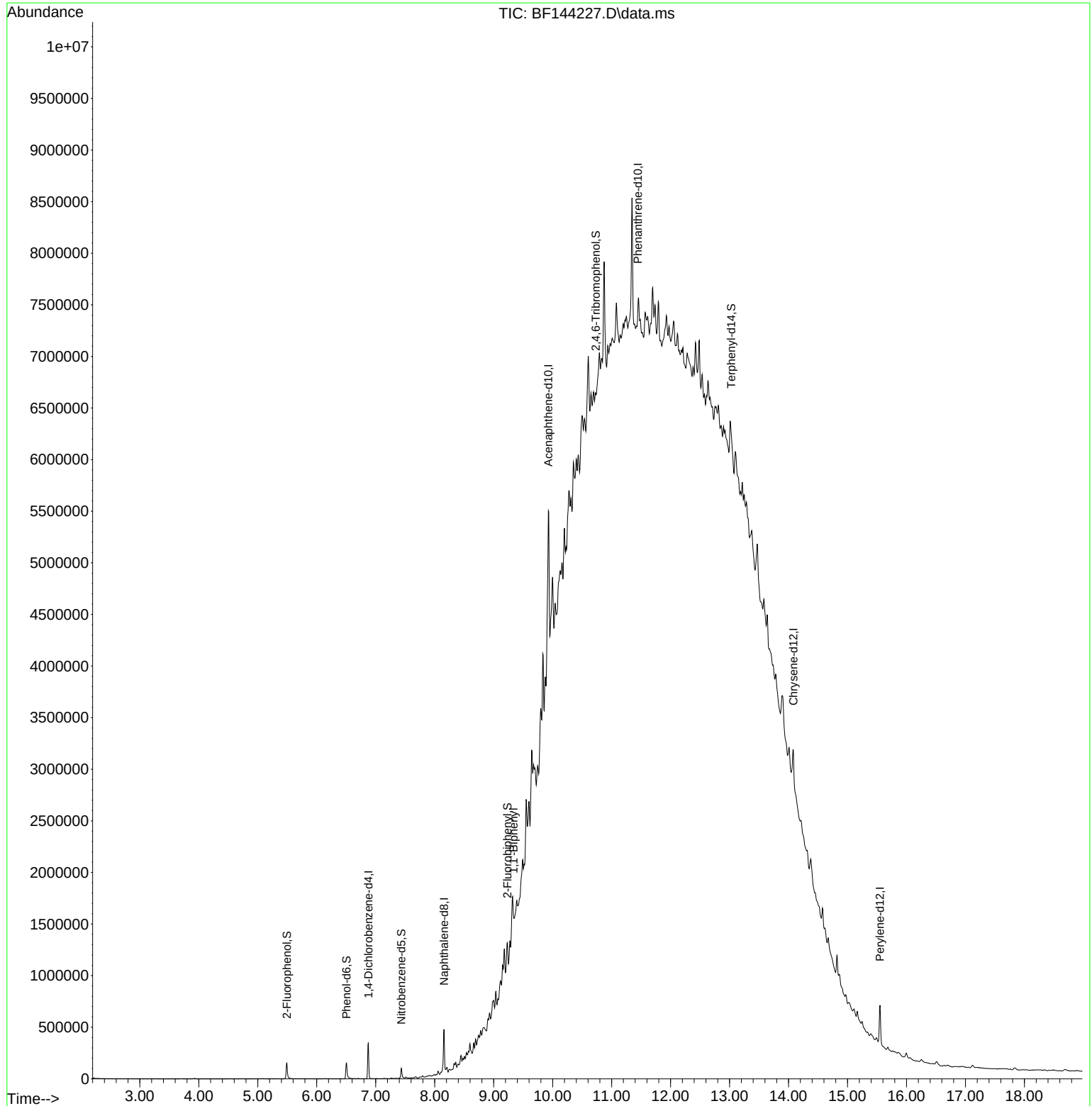
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	76890	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	257068	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	74415	20.000	ng	0.01
64) Phenanthrene-d10	11.445	188	114710	20.000	ng	# 0.04
76) Chrysene-d12	14.080	240	193282	20.000	ng	# 0.03
86) Perylene-d12	15.551	264	217571	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	74151	15.091	ng	0.00
7) Phenol-d6	6.504	99	83928	15.075	ng	0.00
23) Nitrobenzene-d5	7.434	82	43932	9.870	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	16102	17.243	ng	0.03
45) 2-Fluorobiphenyl	9.234	172	79914	15.861	ng	0.00
79) Terphenyl-d14	13.027	244	84057	6.908	ng	0.04
Target Compounds						
46) 1,1'-Biphenyl	9.339	154	33766	6.500	ng	Qvalue 90

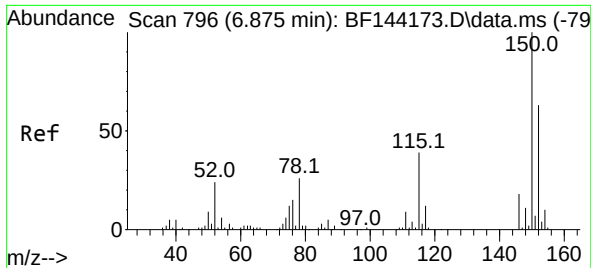
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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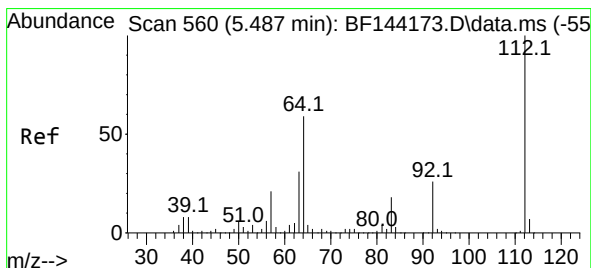
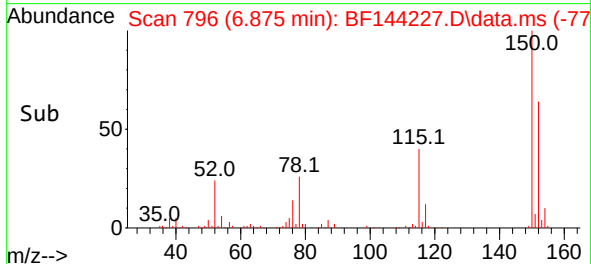
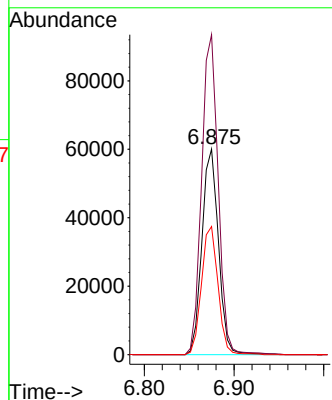
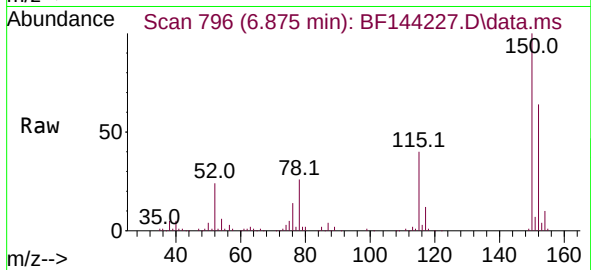




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: BF144227.D
 Acq: 12 Nov 2025 03:22

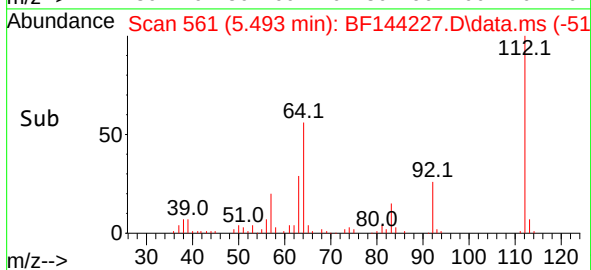
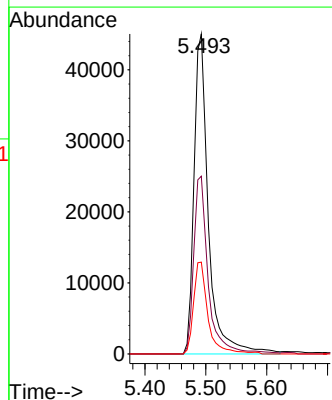
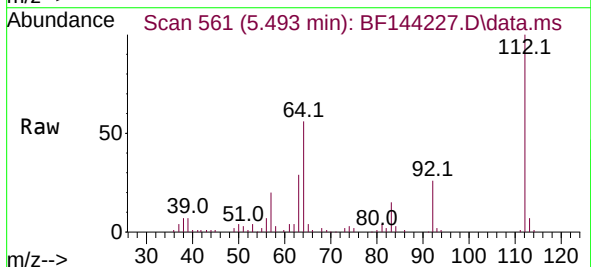
Instrument :
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 A-LAW-25-0167-0175-COMP

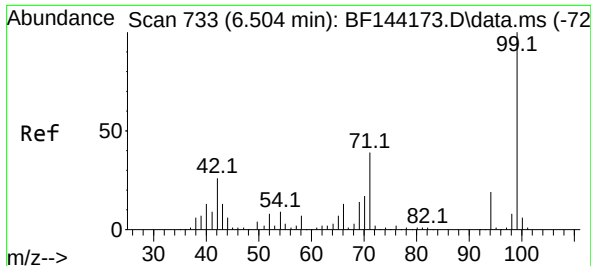
Tgt Ion:152 Resp: 76890
 Ion Ratio Lower Upper
 152 100
 150 155.7 127.4 191.0
 115 62.3 49.5 74.3



#5
 2-Fluorophenol
 Concen: 15.091 ng
 RT: 5.493 min Scan# 561
 Delta R.T. -0.000 min
 Lab File: BF144227.D
 Acq: 12 Nov 2025 03:22

Tgt Ion:112 Resp: 74151
 Ion Ratio Lower Upper
 112 100
 64 55.5 47.2 70.8
 63 28.7 24.4 36.6

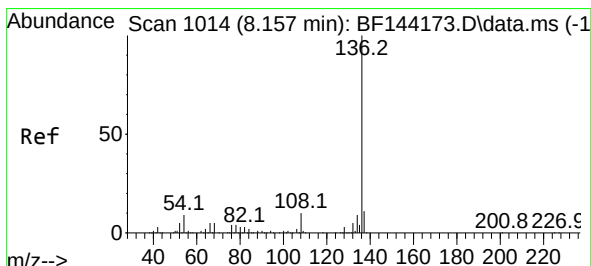
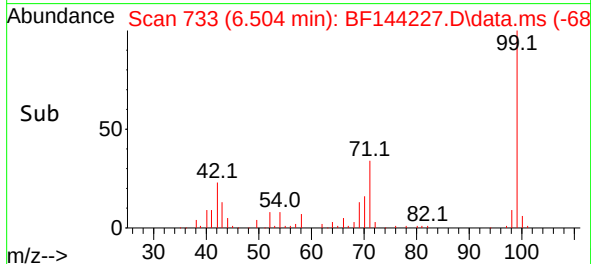
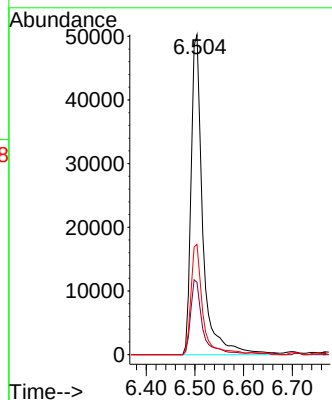
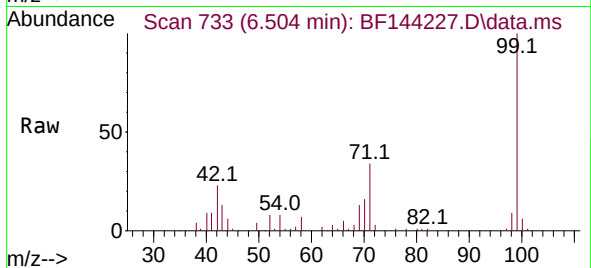




#7
Phenol-d6
Concen: 15.075 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144227.D
Acq: 12 Nov 2025 03:22

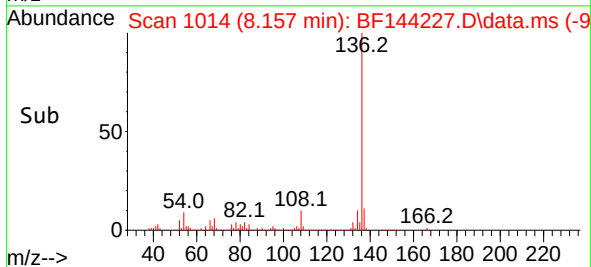
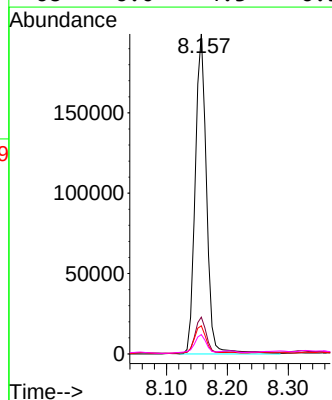
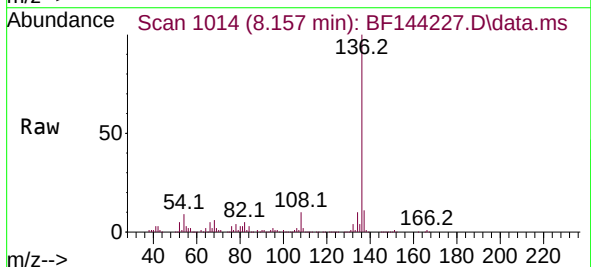
Instrument :
BNA_F
ClientSampleId :
A-LAW-25-0167-0175-COMP

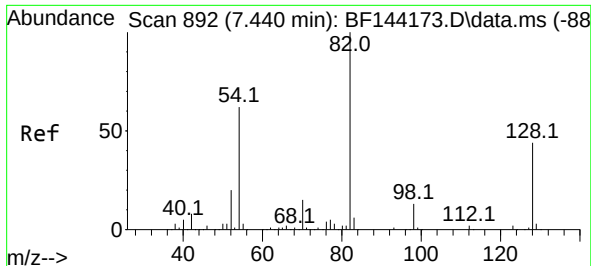
Tgt Ion: 99 Resp: 83928
Ion Ratio Lower Upper
99 100
42 22.6 20.9 31.3
71 34.4 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144227.D
Acq: 12 Nov 2025 03:22

Tgt Ion: 136 Resp: 257068
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 8.8 7.0 10.6
68 6.0 4.3 6.5

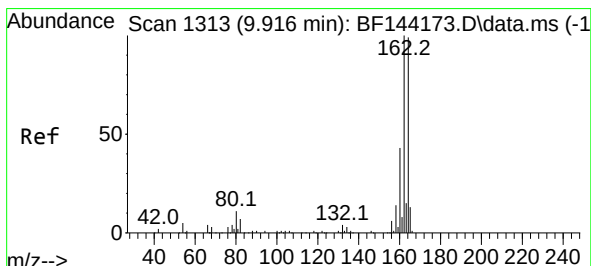
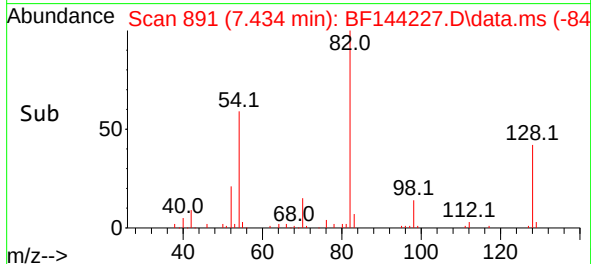
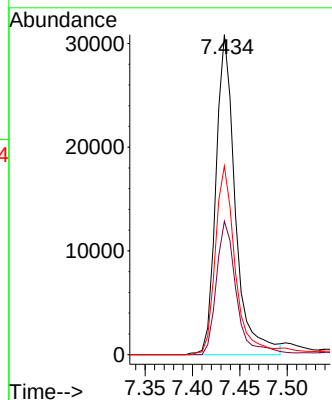
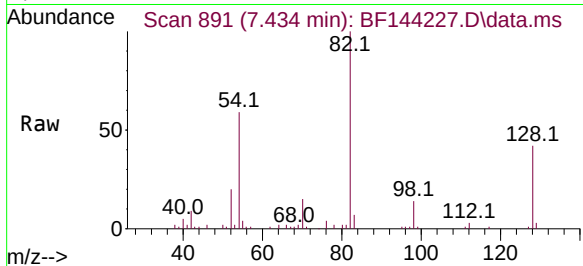




#23
Nitrobenzene-d5
Concen: 9.870 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF144227.D
Acq: 12 Nov 2025 03:22

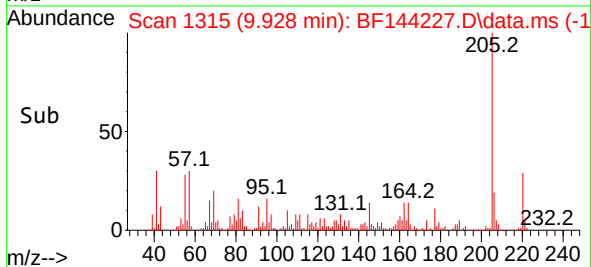
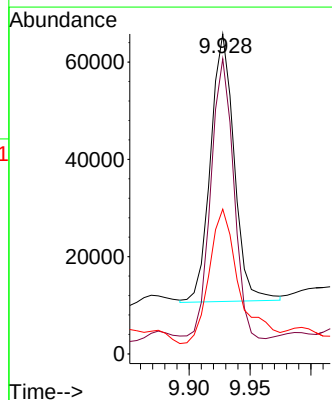
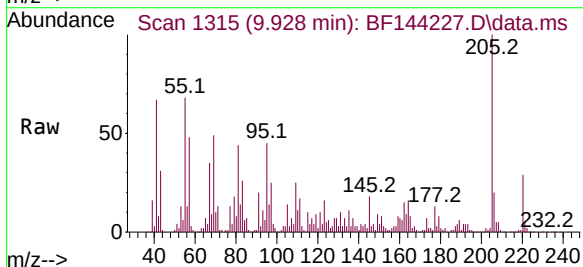
Instrument :
BNA_F
ClientSampleId :
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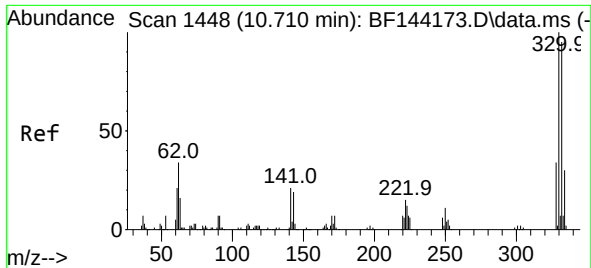
Tgt Ion: 82 Resp: 43932
Ion Ratio Lower Upper
82 100
128 41.7 34.7 52.1
54 58.9 49.5 74.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1315
Delta R.T. 0.012 min
Lab File: BF144227.D
Acq: 12 Nov 2025 03:22

Tgt Ion:164 Resp: 74415
Ion Ratio Lower Upper
164 100
162 92.2 81.1 121.7
160 45.2 34.5 51.7

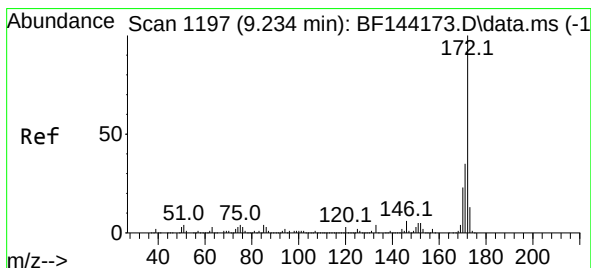
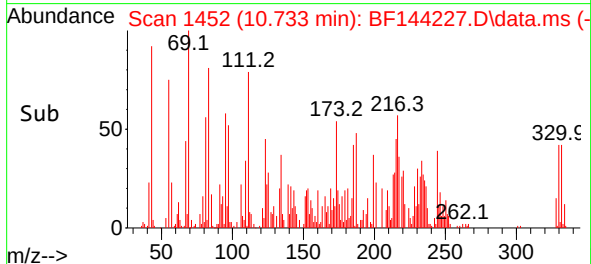
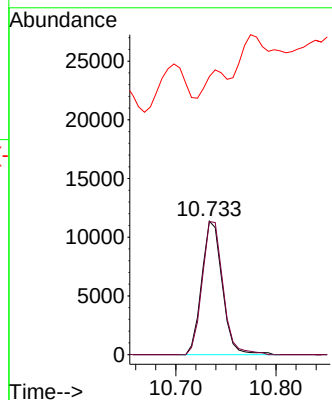
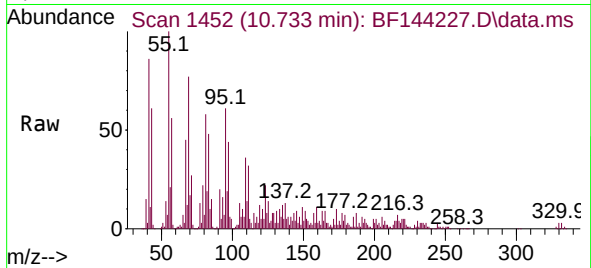




#42
2,4,6-Tribromophenol
Concen: 17.243 ng
RT: 10.733 min Scan# 1448
Delta R.T. 0.029 min
Lab File: BF144227.D
Acq: 12 Nov 2025 03:22

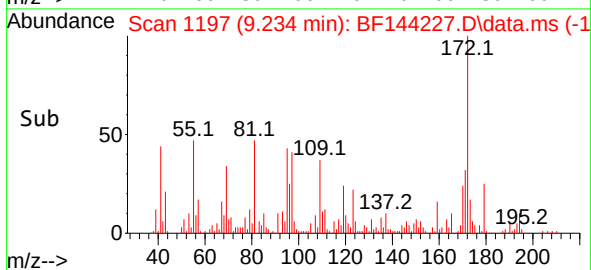
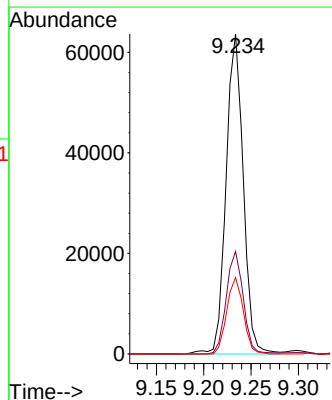
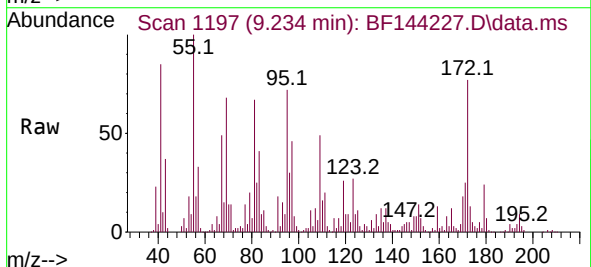
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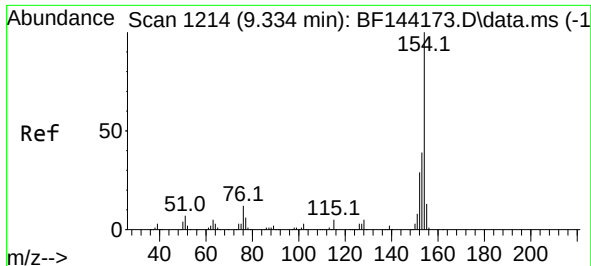
Tgt Ion:	330	Resp:	16102
Ion Ratio	Lower	Upper	
330	100		
332	100.9	76.7	115.1
141	19.4	17.8	26.8



#45
2-Fluorobiphenyl
Concen: 15.861 ng
RT: 9.234 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144227.D
Acq: 12 Nov 2025 03:22

Tgt Ion:	172	Resp:	79914
Ion Ratio	Lower	Upper	
172	100		
171	32.0	28.1	42.1
170	23.8	18.6	28.0

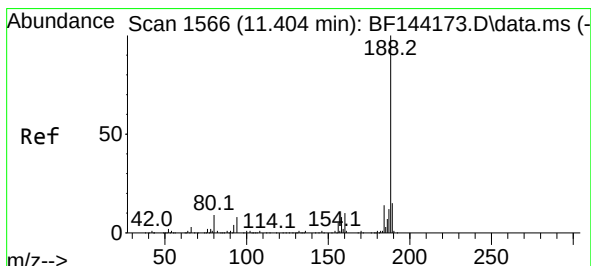
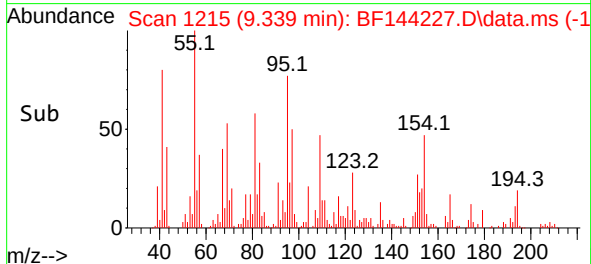
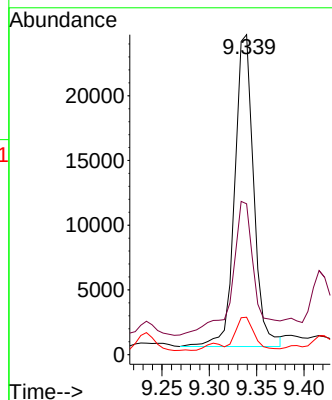
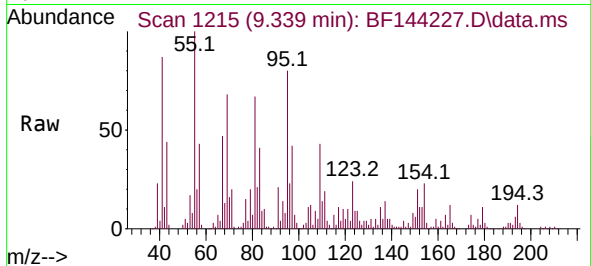




#46
1,1'-Biphenyl
Concen: 6.500 ng
RT: 9.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144227.D
Acq: 12 Nov 2025 03:22

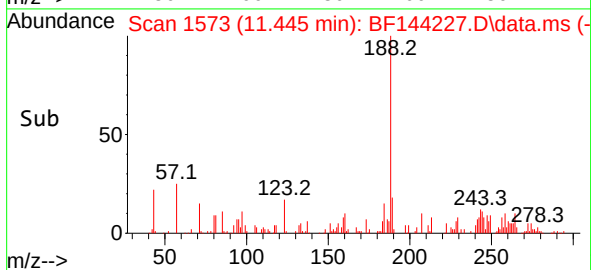
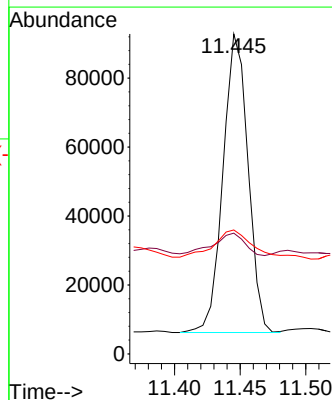
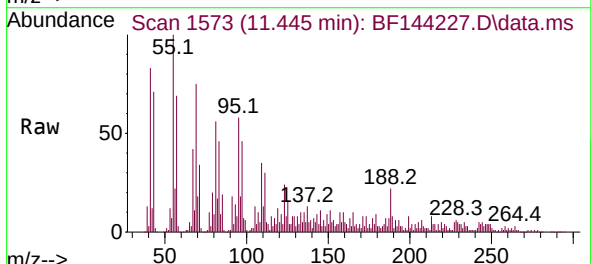
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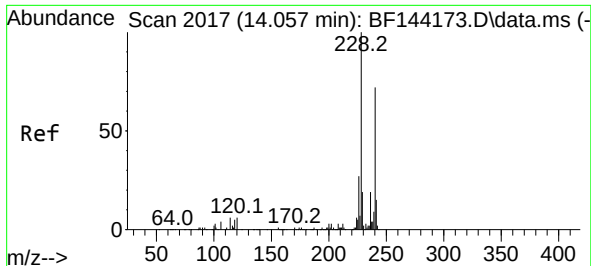
Tgt Ion:154 Resp: 33766
Ion Ratio Lower Upper
154 100
153 47.1 19.2 59.2
76 11.7 0.0 31.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1573
Delta R.T. 0.041 min
Lab File: BF144227.D
Acq: 12 Nov 2025 03:22

Tgt Ion:188 Resp: 114710
Ion Ratio Lower Upper
188 100
94 37.7 6.2 9.2#
80 38.7 6.9 10.3#

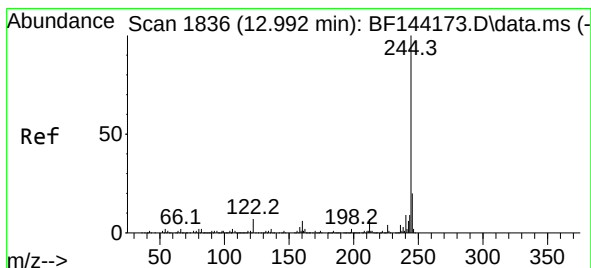
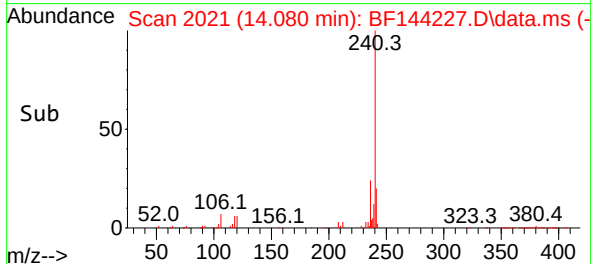
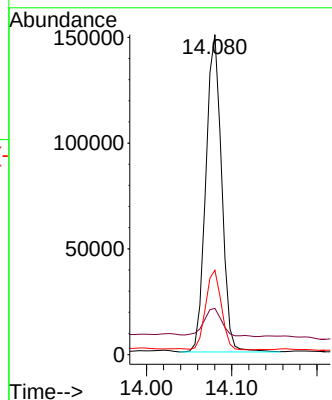
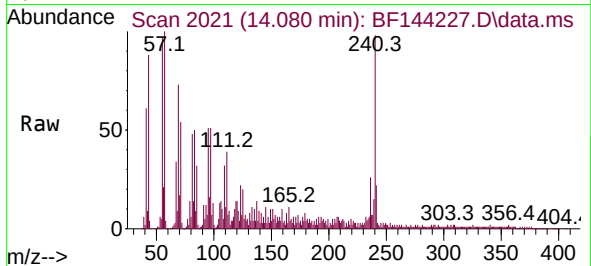




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2017
Delta R.T. 0.029 min
Lab File: BF144227.D
Acq: 12 Nov 2025 03:22

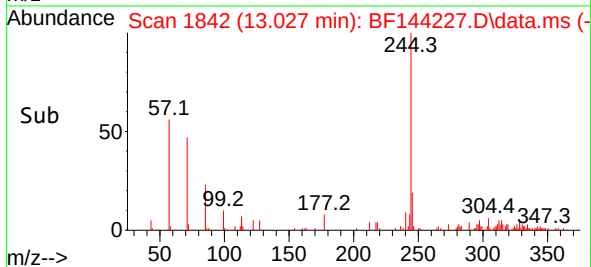
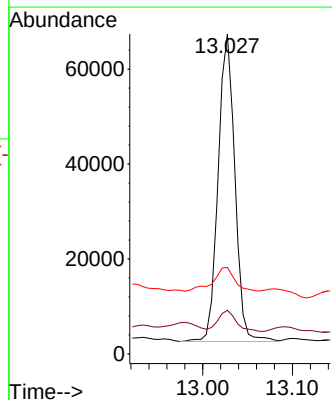
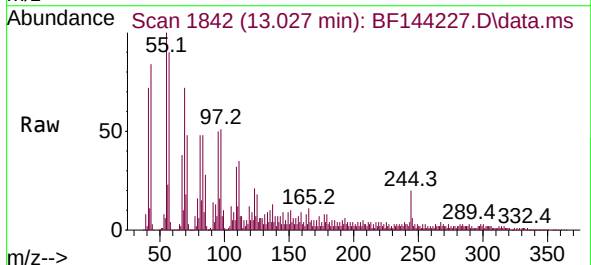
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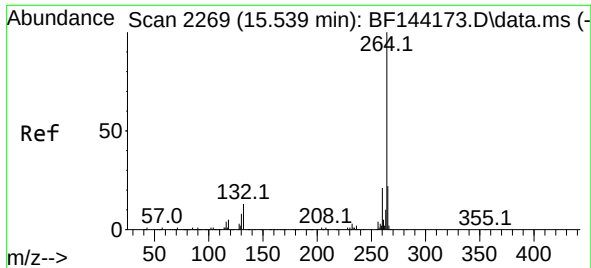
Tgt Ion:240 Resp: 193282
Ion Ratio Lower Upper
240 100
120 14.4 6.6 10.0#
236 26.4 21.4 32.2



#79
Terphenyl-d14
Concen: 6.908 ng
RT: 13.027 min Scan# 1842
Delta R.T. 0.035 min
Lab File: BF144227.D
Acq: 12 Nov 2025 03:22

Tgt Ion:244 Resp: 84057
Ion Ratio Lower Upper
244 100
212 13.6 5.3 7.9#
122 27.0 5.6 8.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF144227.D
Acq: 12 Nov 2025 03:22

Instrument :
BNA_F
ClientSampleId :
A-LAW-25-0167-0175-COMP

Tgt Ion:264 Resp: 217571

Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.1	25.7
265	22.2	17.4	26.0

