

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070325\
 Data File : BF142999.D
 Acq On : 03 Jul 2025 16:29
 Operator : RC/JU
 Sample : Q2463-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-WTS-11

Quant Time: Jul 03 16:51:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

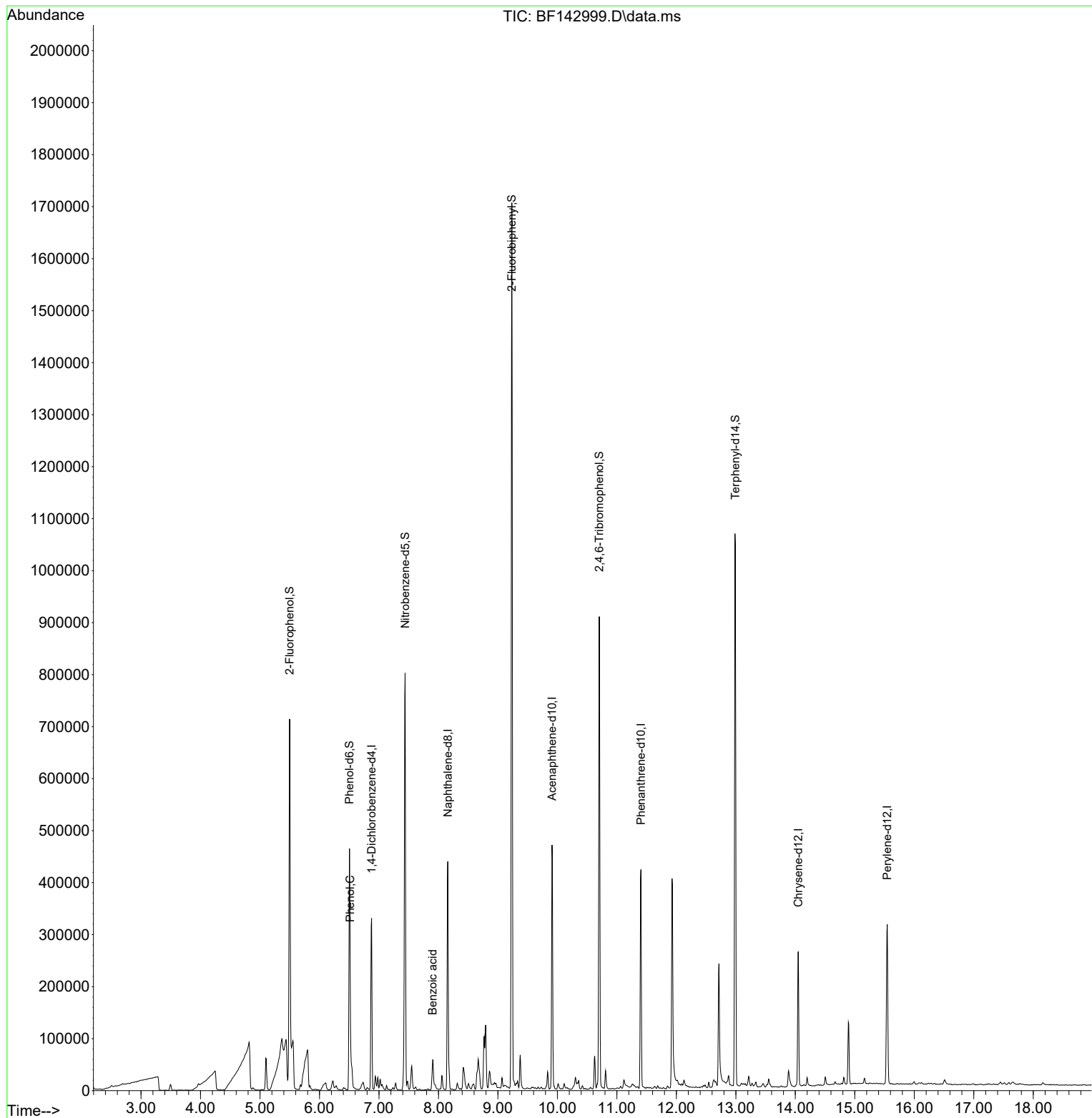
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	73371	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	276356	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	143543	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	222938	20.000	ng	0.00
76) Chrysene-d12	14.051	240	132431	20.000	ng	0.00
86) Perylene-d12	15.545	264	181741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	249436	56.602	ng	0.00
7) Phenol-d6	6.504	99	193655	37.247	ng	0.00
23) Nitrobenzene-d5	7.440	82	356833	70.824	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	157651	106.726	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	762502	69.782	ng	-0.01
79) Terphenyl-d14	12.992	244	530500	55.349	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.516	94	28737	4.972	ng	94
32) Benzoic acid	7.904	122	9571	4.364	ng	96

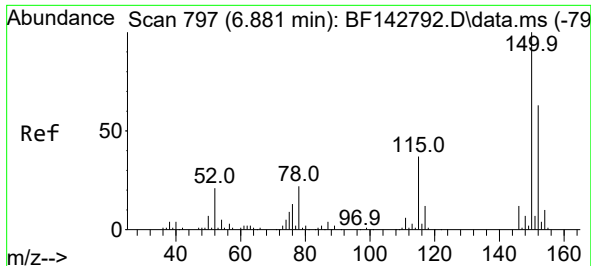
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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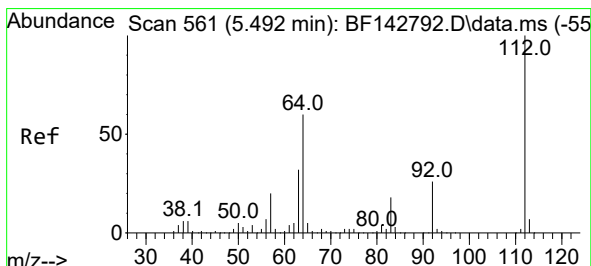
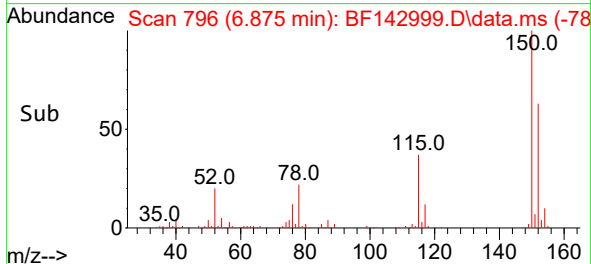
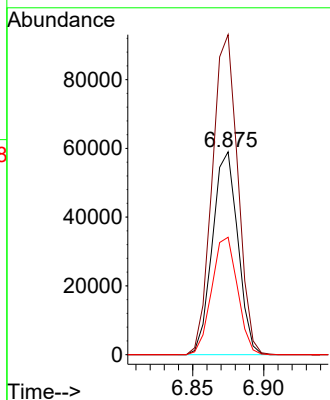
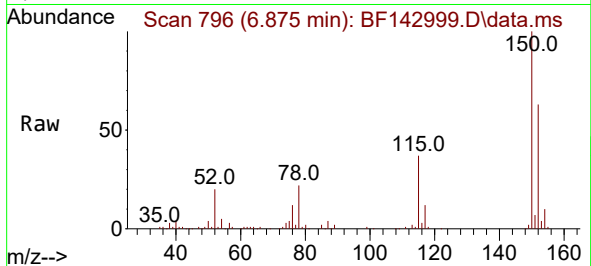




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF142999.D
 Acq: 03 Jul 2025 16:29

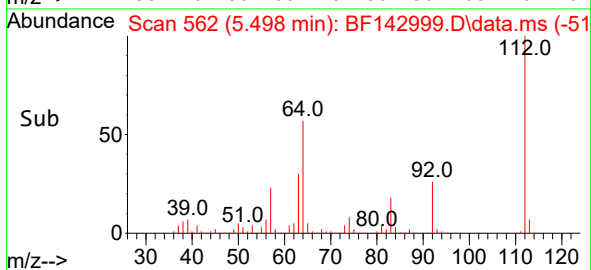
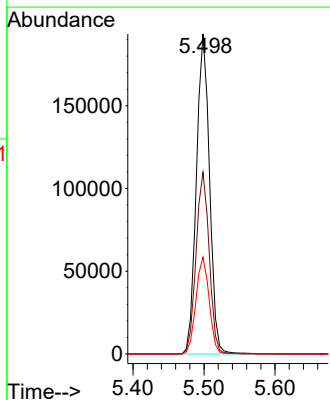
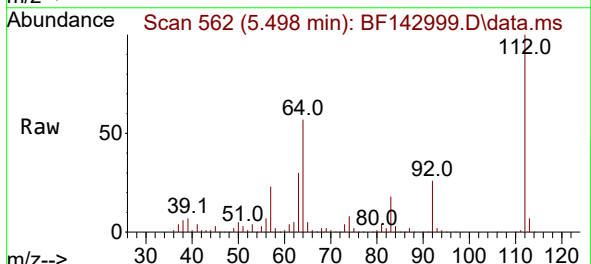
Instrument :
 BNA_F
 ClientSampleId :
 TW-WTS-11

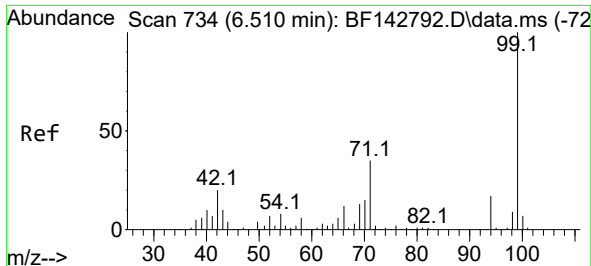
Tgt Ion:152 Resp: 73371
 Ion Ratio Lower Upper
 152 100
 150 157.7 127.2 190.8
 115 57.8 46.6 69.8



#5
 2-Fluorophenol
 Concen: 56.602 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF142999.D
 Acq: 03 Jul 2025 16:29

Tgt Ion:112 Resp: 249436
 Ion Ratio Lower Upper
 112 100
 64 56.7 48.2 72.2
 63 30.2 25.7 38.5

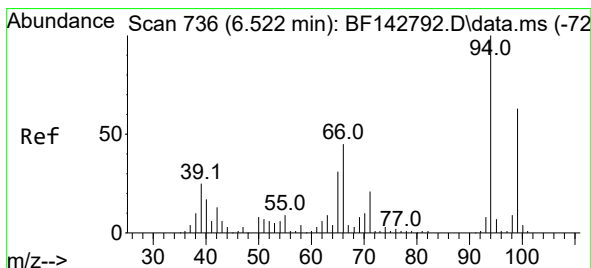
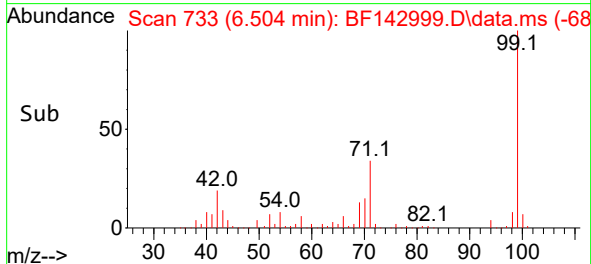
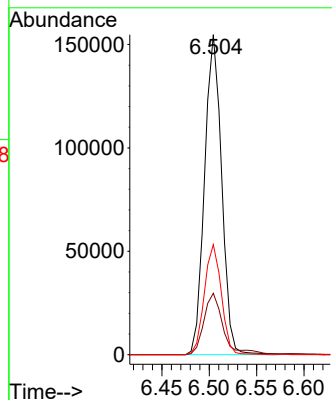
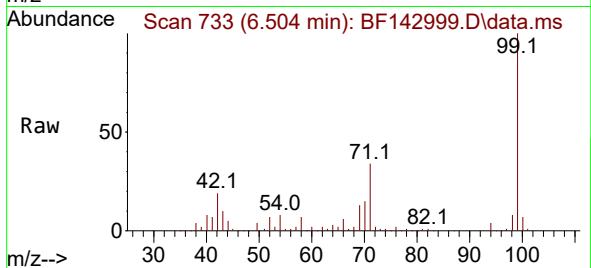




#7
Phenol-d6
Concen: 37.247 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142999.D
Acq: 03 Jul 2025 16:29

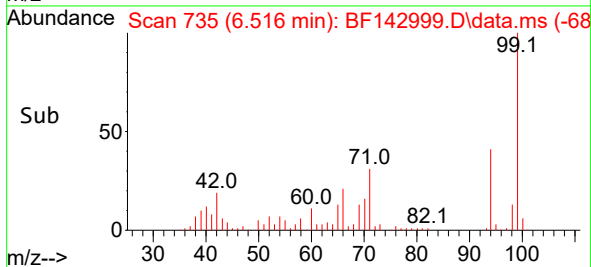
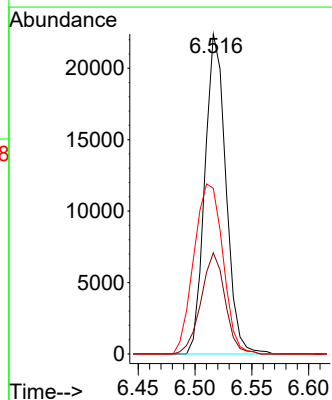
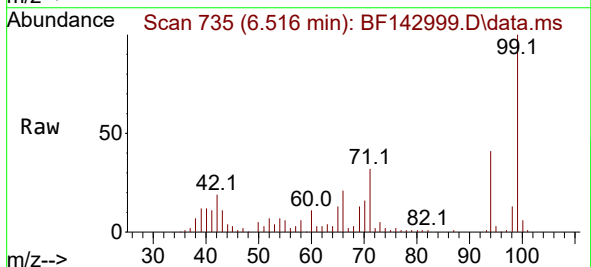
Instrument :
BNA_F
ClientSampleId :
TW-WTS-11

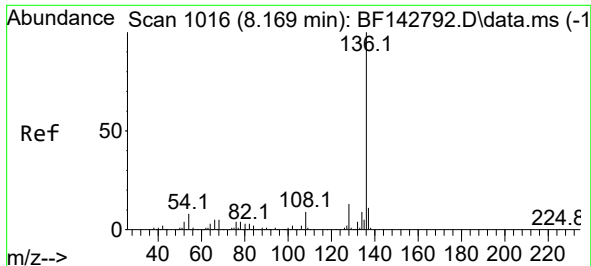
Tgt Ion: 99 Resp: 193655
Ion Ratio Lower Upper
99 100
42 19.2 15.9 23.9
71 34.4 27.8 41.8



#10
Phenol
Concen: 4.972 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF142999.D
Acq: 03 Jul 2025 16:29

Tgt Ion: 94 Resp: 28737
Ion Ratio Lower Upper
94 100
65 31.6 11.3 51.3
66 51.7 24.9 64.9

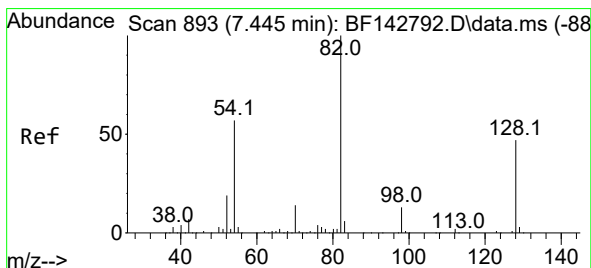
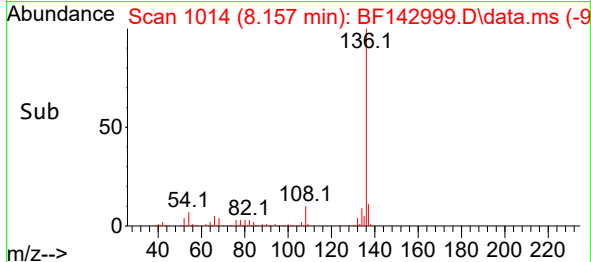
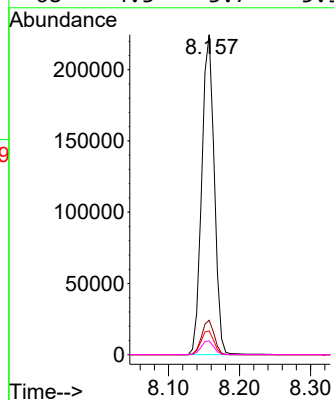
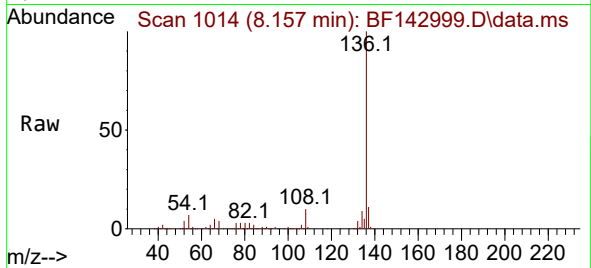




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142999.D
Acq: 03 Jul 2025 16:29

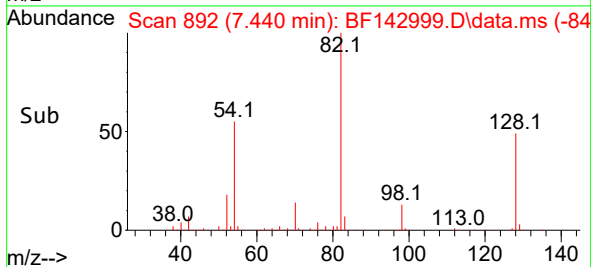
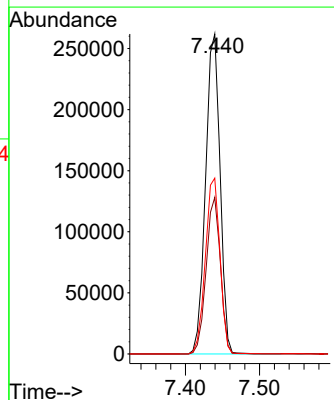
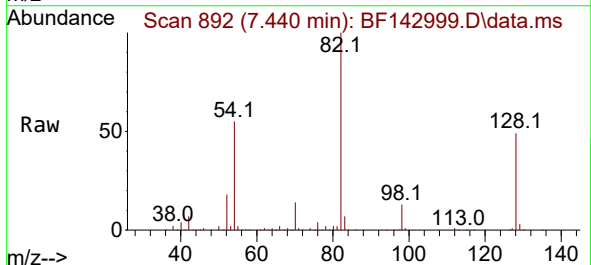
Instrument :
BNA_F
ClientSampleId :
TW-WTS-11

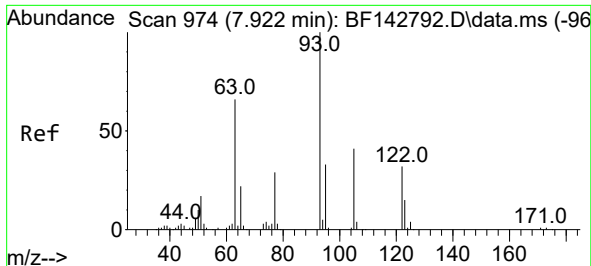
Tgt Ion:	136	Resp:	276356
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.4	12.6
54	7.5	6.3	9.5
68	4.3	3.7	5.5



#23
Nitrobenzene-d5
Concen: 70.824 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.005 min
Lab File: BF142999.D
Acq: 03 Jul 2025 16:29

Tgt Ion:	82	Resp:	356833
Ion Ratio	Lower	Upper	
82	100		
128	48.9	37.7	56.5
54	55.0	45.7	68.5

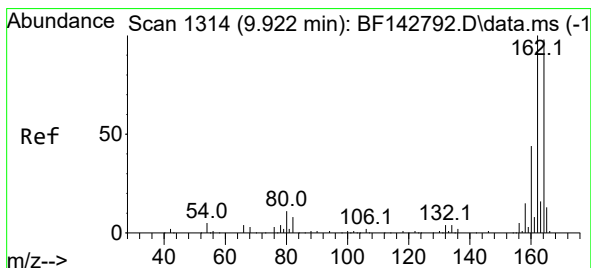
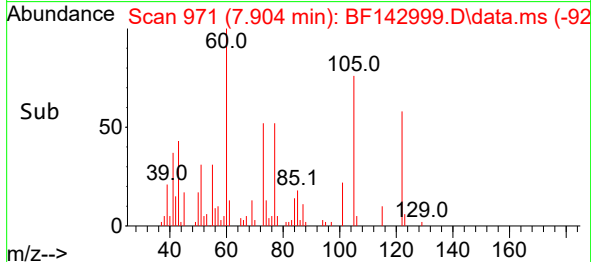
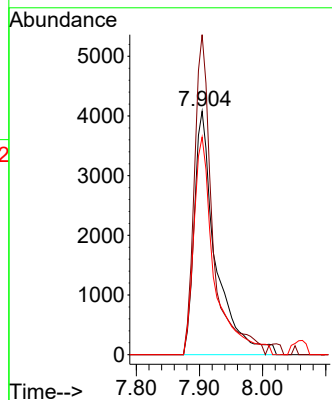
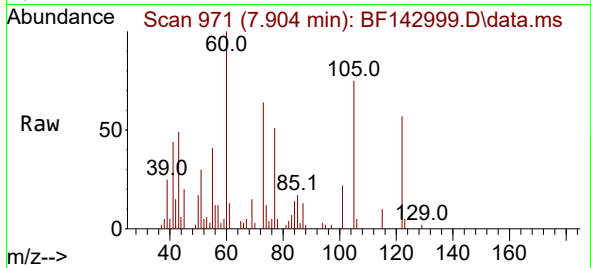




#32
Benzoic acid
Concen: 4.364 ng
RT: 7.904 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF142999.D
Acq: 03 Jul 2025 16:29

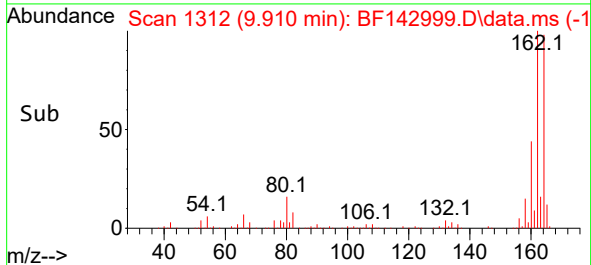
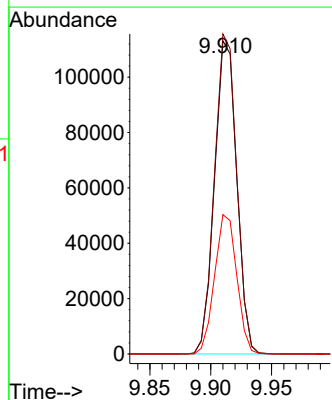
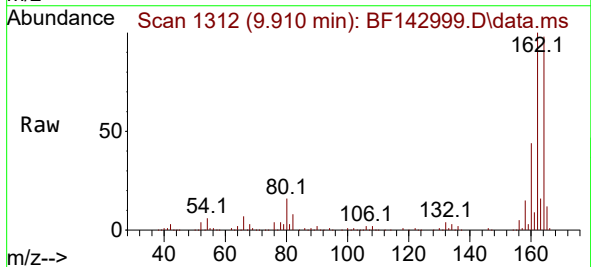
Instrument :
BNA_F
ClientSampleId :
TW-WTS-11

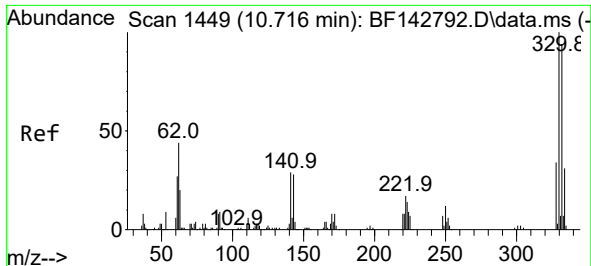
Tgt Ion:122 Resp: 9571
Ion Ratio Lower Upper
122 100
105 131.5 104.7 144.7
77 89.4 70.2 110.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF142999.D
Acq: 03 Jul 2025 16:29

Tgt Ion:164 Resp: 143543
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.8
160 44.5 36.0 54.0

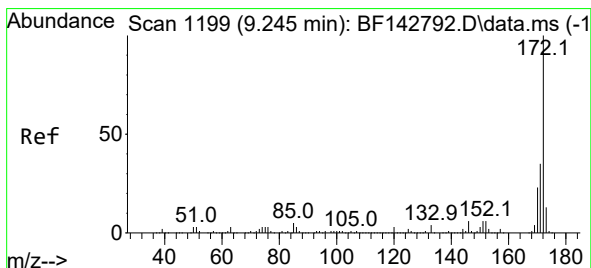
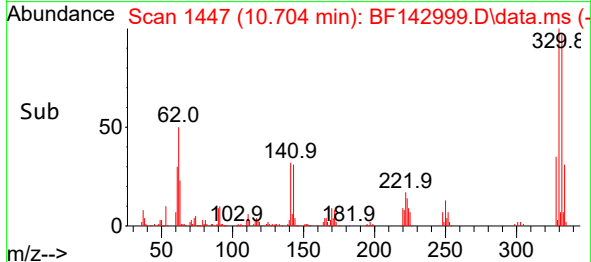
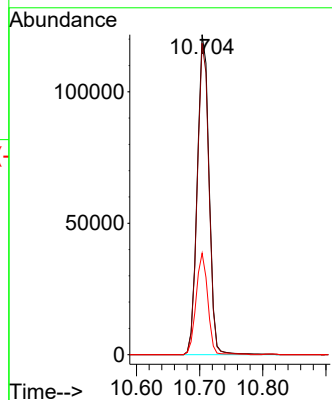
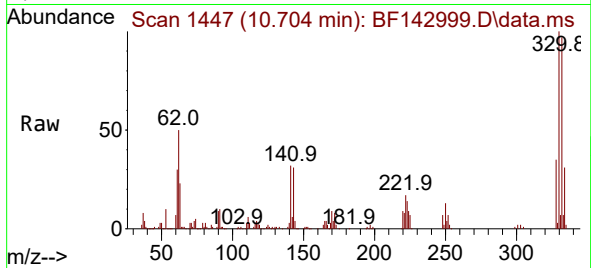




#42
2,4,6-Tribromophenol
Concen: 106.726 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF142999.D
Acq: 03 Jul 2025 16:29

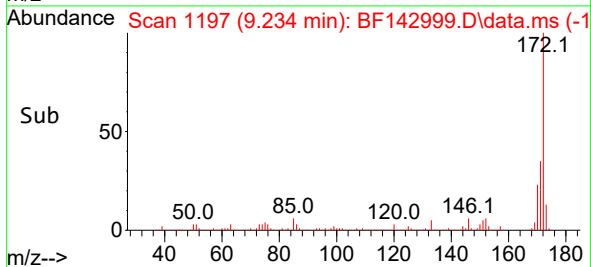
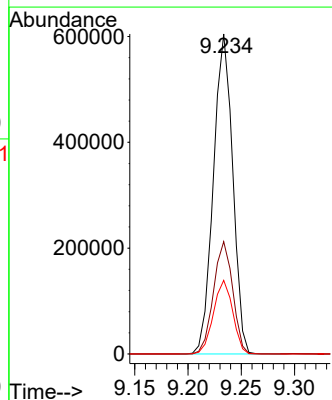
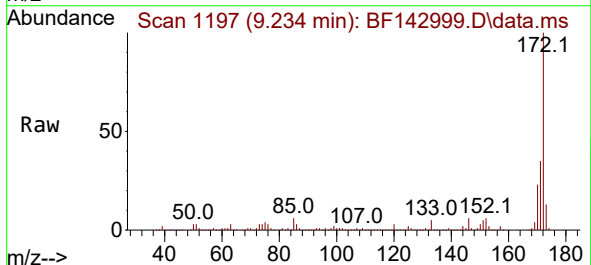
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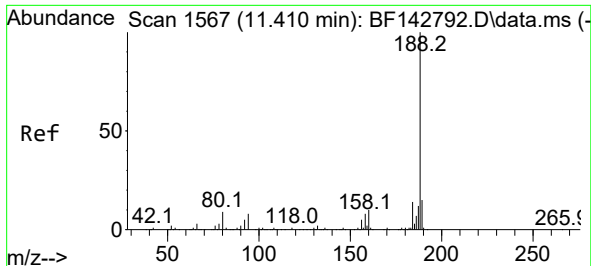
Tgt Ion:330 Resp: 157651
Ion Ratio Lower Upper
330 100
332 96.6 75.0 112.6
141 31.4 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 69.782 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF142999.D
Acq: 03 Jul 2025 16:29

Tgt Ion:172 Resp: 762502
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.0 18.5 27.7

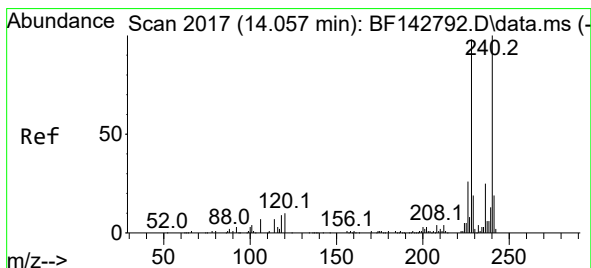
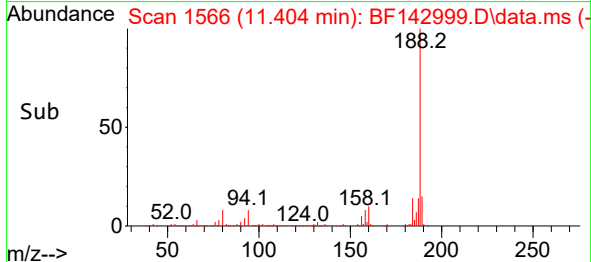
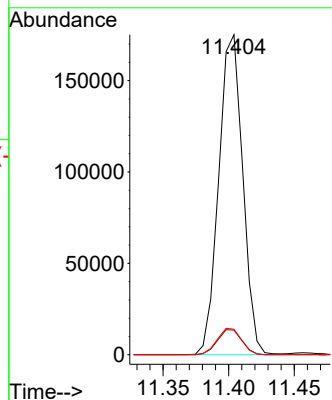
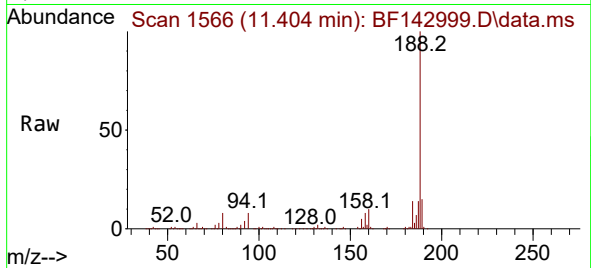




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142999.D
Acq: 03 Jul 2025 16:29

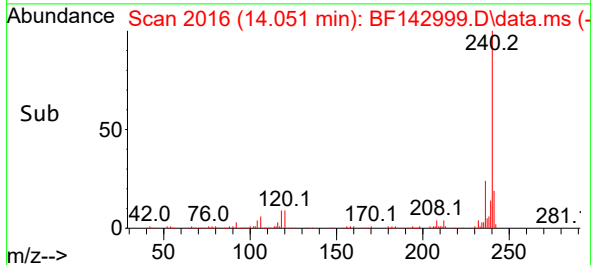
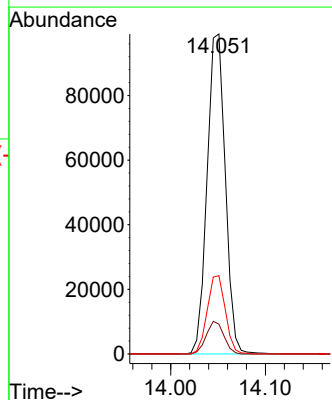
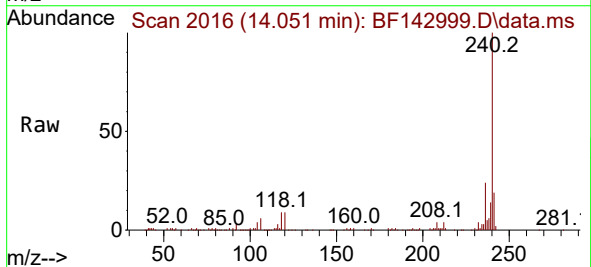
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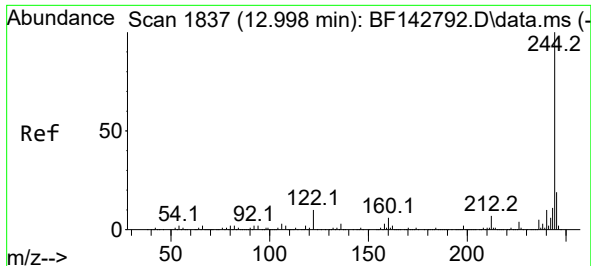
Tgt Ion:188 Resp: 222938
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 7.9 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142999.D
Acq: 03 Jul 2025 16:29

Tgt Ion:240 Resp: 132431
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 24.5 19.8 29.8

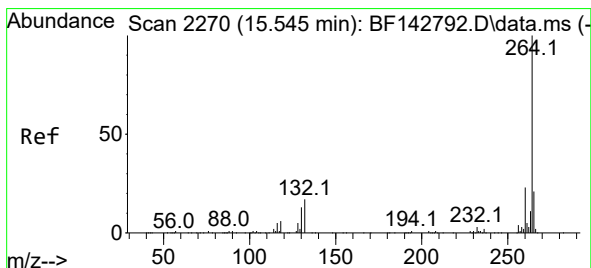
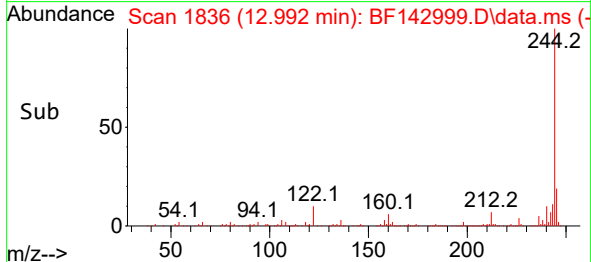
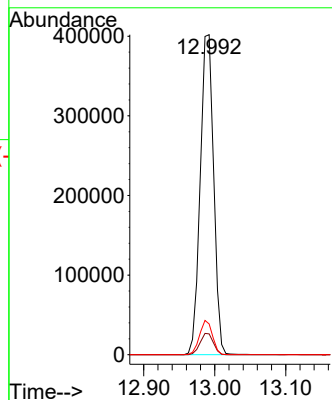
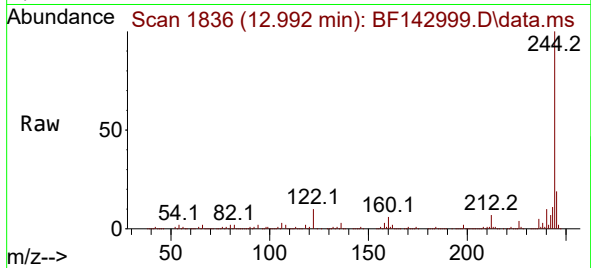




#79
 Terphenyl-d14
 Concen: 55.349 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142999.D
 Acq: 03 Jul 2025 16:29

Instrument :
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Tgt Ion:244 Resp: 530500
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.6 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF142999.D
 Acq: 03 Jul 2025 16:29

Tgt Ion:264 Resp: 181741
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.1 27.1
 265 21.4 16.6 25.0

