

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061025\
 Data File : BF142702.D
 Acq On : 10 Jun 2025 10:08
 Operator : RC/JU
 Sample : PB168351BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168351BL

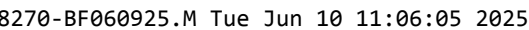
Quant Time: Jun 10 11:03:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 18:21:22 2025
 Response via : Initial Calibration

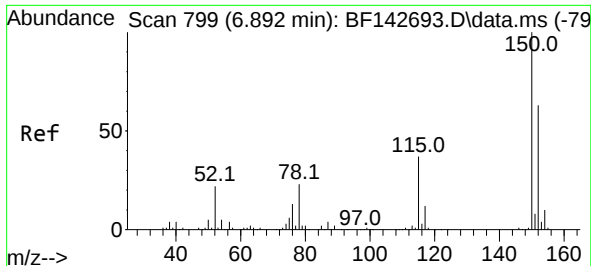
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	92057	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	355567	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	195730	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	351690	20.000	ng	0.00
76) Chrysene-d12	14.068	240	279030	20.000	ng	0.00
86) Perylene-d12	15.562	264	202587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	694414	128.082	ng	0.01
7) Phenol-d6	6.522	99	835164	131.356	ng	-0.01
23) Nitrobenzene-d5	7.457	82	520830	80.500	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	276598	125.781	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1122973	78.462	ng	-0.01
79) Terphenyl-d14	13.010	244	1276632	72.359	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	71049	19.063	ng	# 75
25) Isophorone	7.457	82	511982	48.775	ng	# 62
50) Dimethylphthalate	9.933	163	28039	2.129	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	25238	8.859	ng	# 29
57) 2,4-Dinitrotoluene	9.933	165	25238	6.609	ng	# 28
67) 4-Bromophenyl-phenylether	10.727	248	17431	4.484	ng	# 1

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

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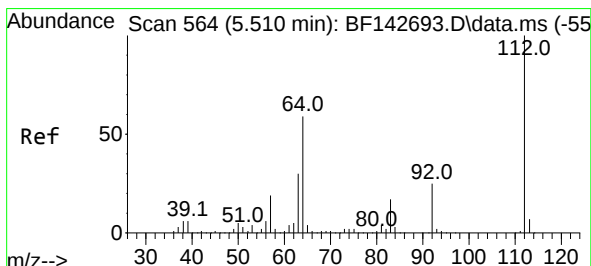
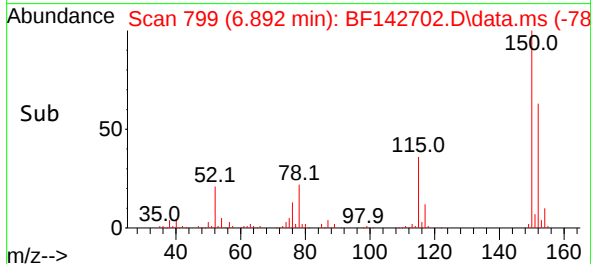
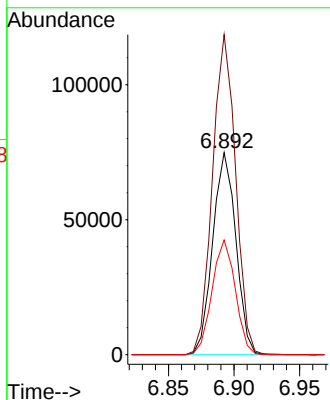
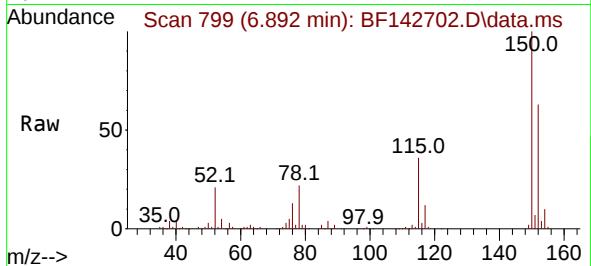




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

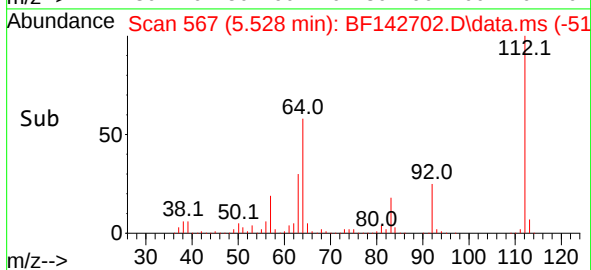
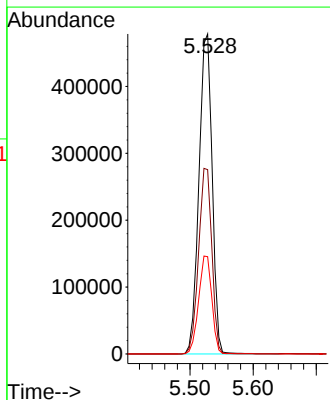
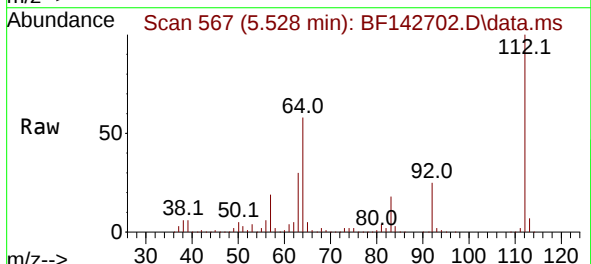
Instrument :
BNA_F
ClientSampleId :
PB168351BL

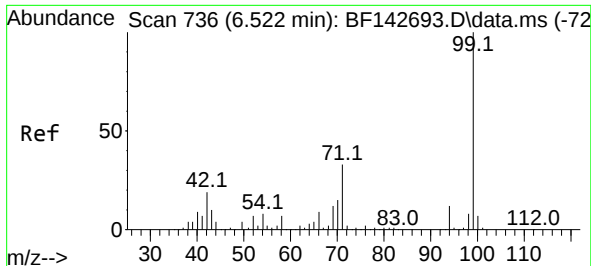
Tgt Ion:152 Resp: 92057
Ion Ratio Lower Upper
152 100
150 158.3 126.8 190.2
115 56.8 46.8 70.2



#5
2-Fluorophenol
Concen: 128.082 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

Tgt Ion:112 Resp: 694414
Ion Ratio Lower Upper
112 100
64 57.6 46.9 70.3
63 30.4 24.3 36.5

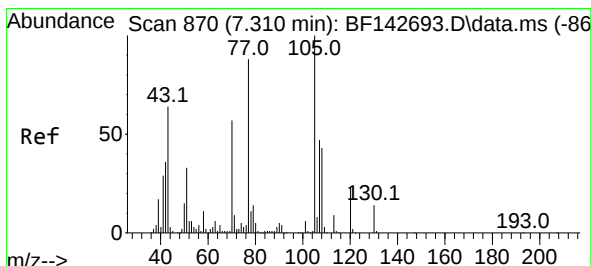
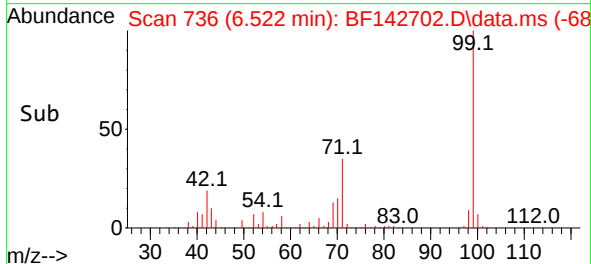
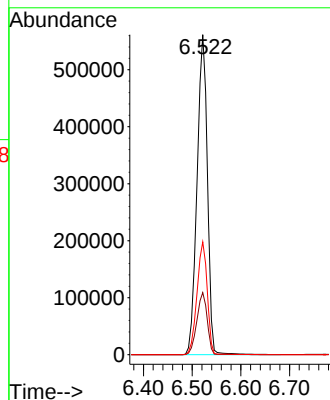
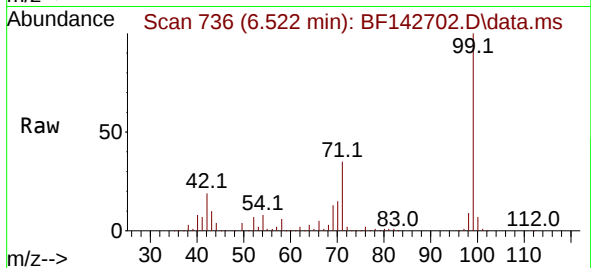




#7
Phenol-d6
Concen: 131.356 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

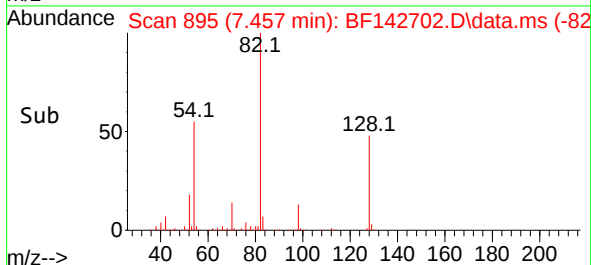
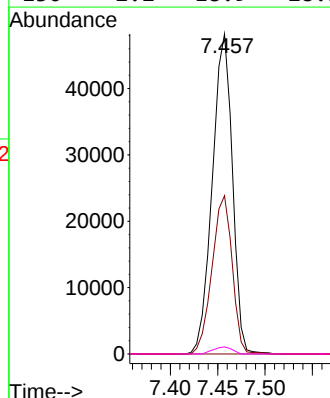
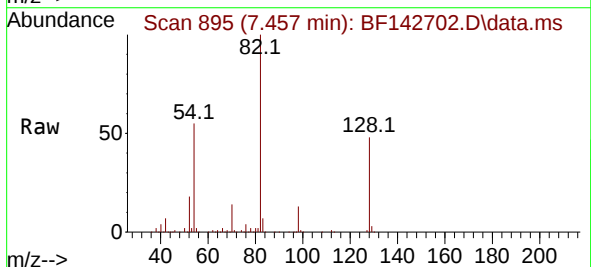
Instrument :
BNA_F
ClientSampleId :
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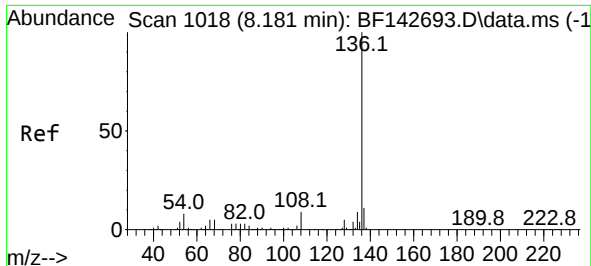
Tgt Ion: 99 Resp: 835164
Ion Ratio Lower Upper
99 100
42 19.4 15.3 22.9
71 35.3 26.3 39.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.063 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

Tgt Ion: 70 Resp: 71049
Ion Ratio Lower Upper
70 100
42 49.5 50.1 75.1#
101 0.0 8.1 12.1#
130 2.2 18.9 28.3#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

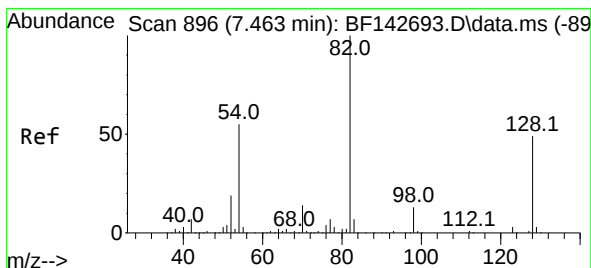
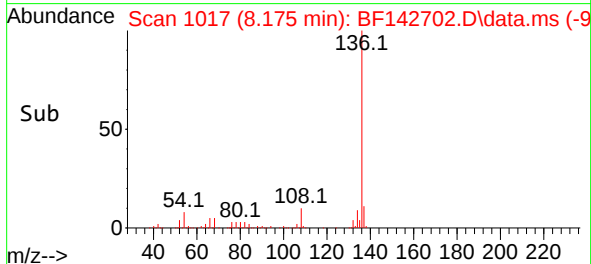
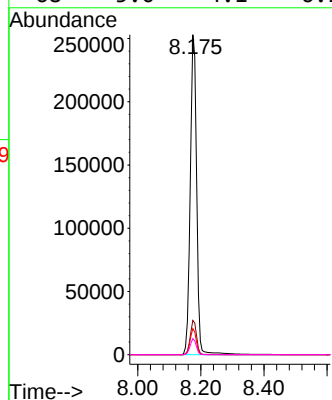
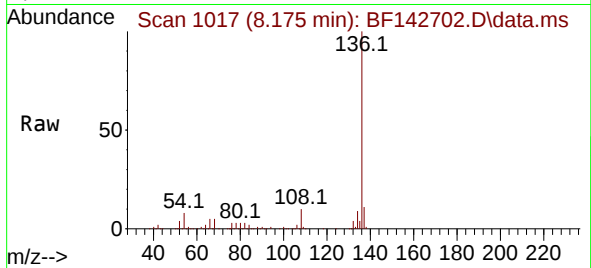
Instrument :

BNA_F

ClientSampleId :

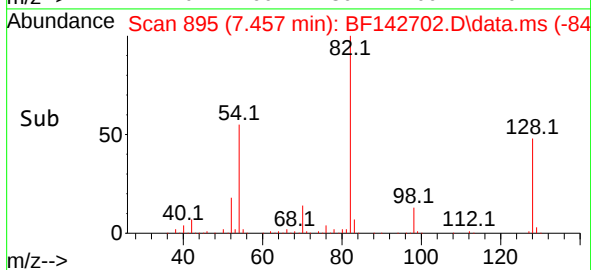
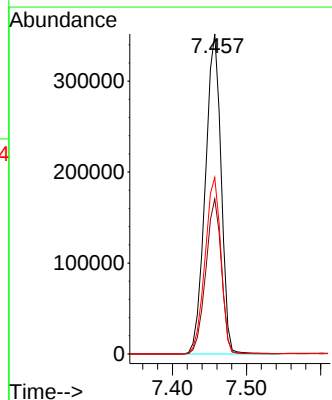
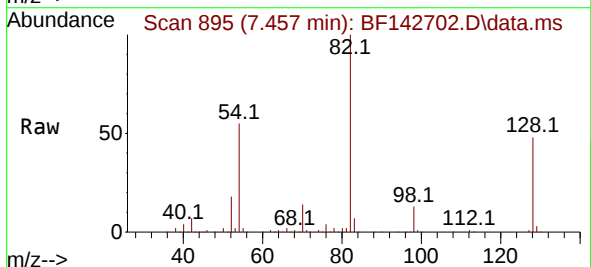
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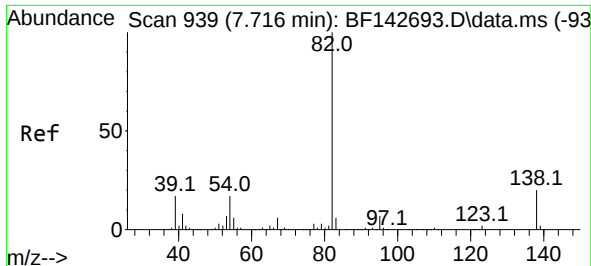
Tgt Ion:136 Resp: 355567
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.1 6.4 9.6
68 5.0 4.1 6.1



#23
Nitrobenzene-d5
Concen: 80.500 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

Tgt Ion: 82 Resp: 520830
Ion Ratio Lower Upper
82 100
128 48.5 39.3 58.9
54 55.1 44.2 66.2

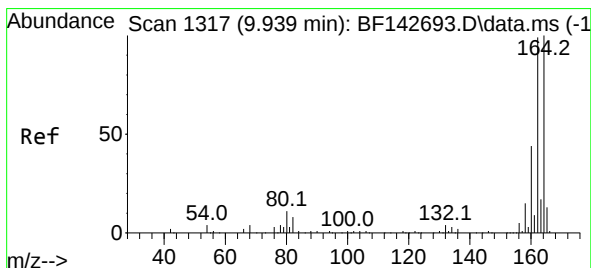
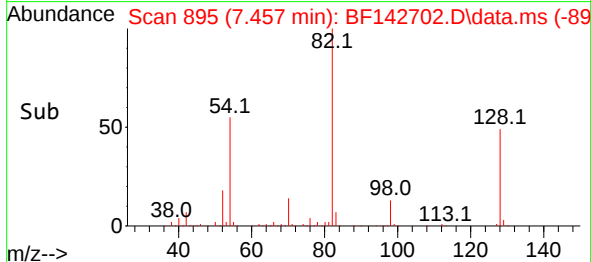
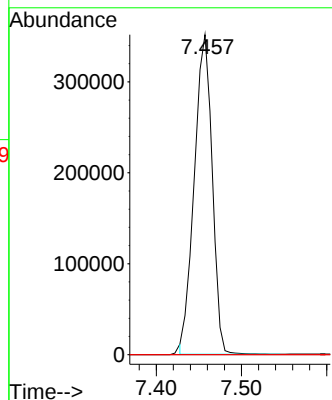
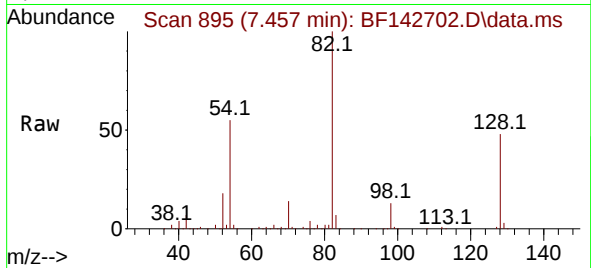




#25
Isophorone
Concen: 48.775 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

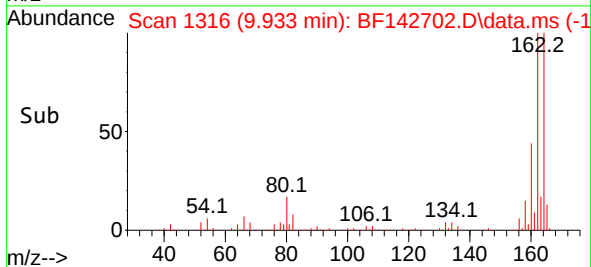
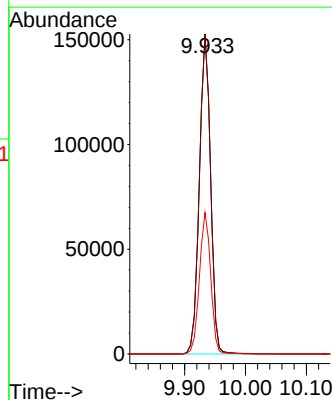
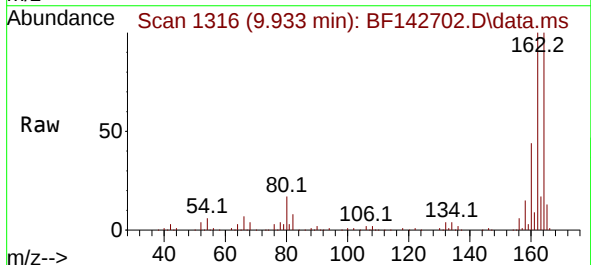
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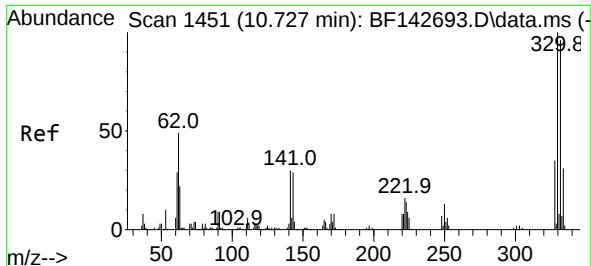
Tgt Ion: 82 Resp: 511982
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 16.1 24.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

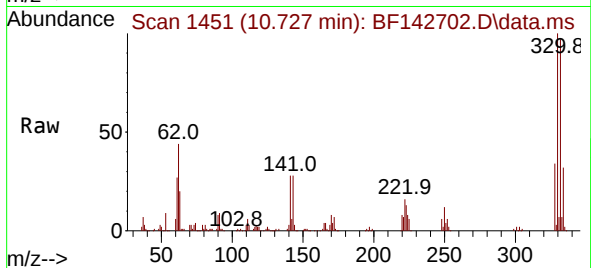
Tgt Ion:164 Resp: 195730
Ion Ratio Lower Upper
164 100
162 99.7 79.1 118.7
160 44.2 35.4 53.0



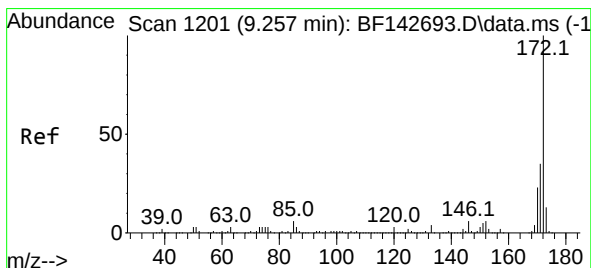
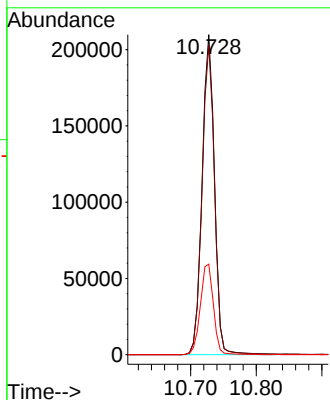
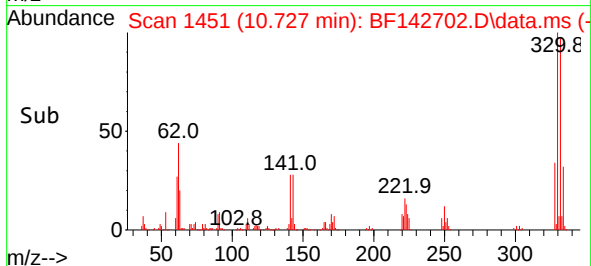


#42
2,4,6-Tribromophenol
Concen: 125.781 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

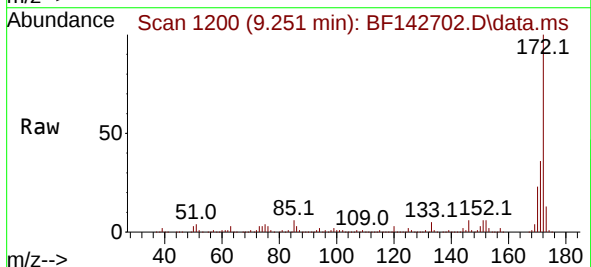
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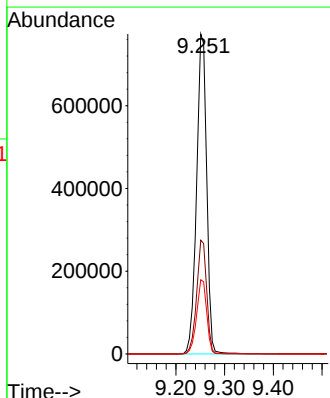
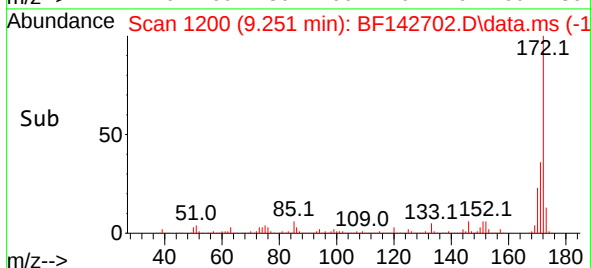
Tgt Ion:330 Resp: 276598
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 29.8 23.5 35.3

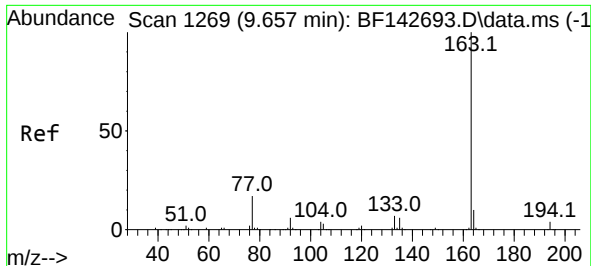


#45
2-Fluorobiphenyl
Concen: 78.462 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08



Tgt Ion:172 Resp: 1122973
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.2 18.7 28.1

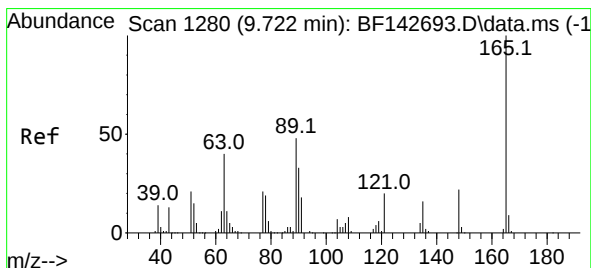
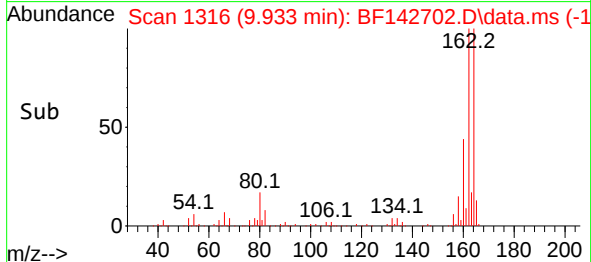
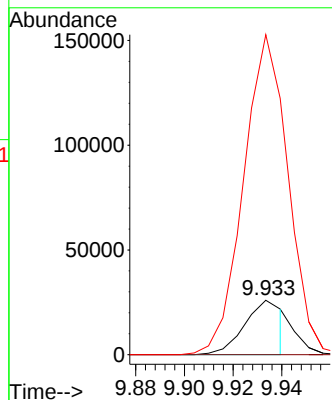
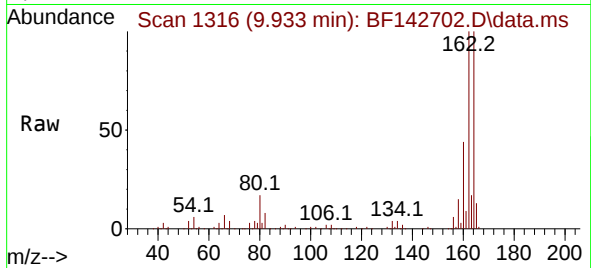




#50
Dimethylphthalate
Concen: 2.129 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.265 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

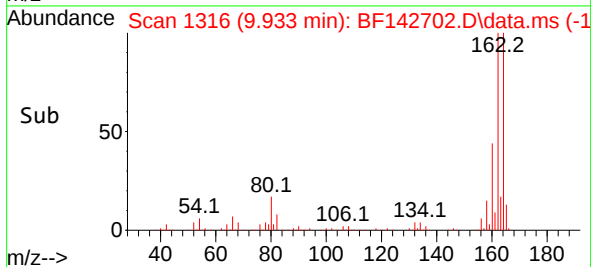
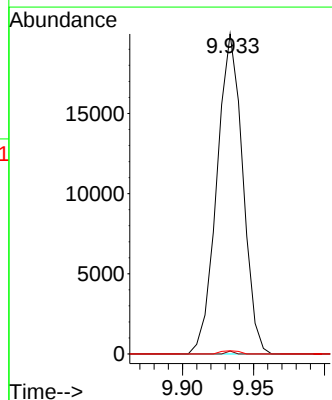
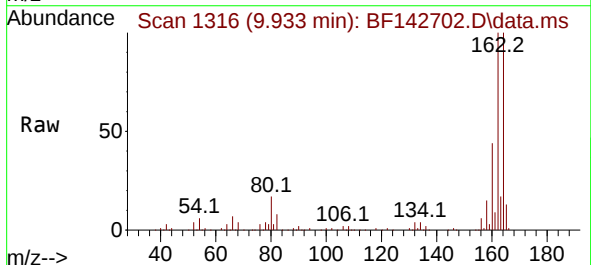
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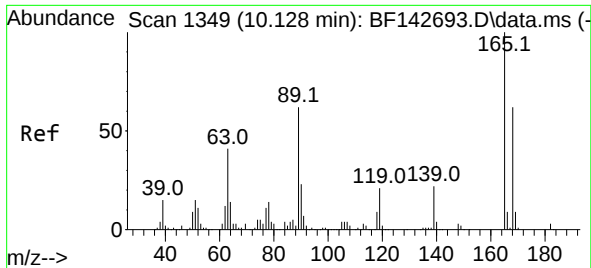
Tgt Ion:163 Resp: 28039
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 588.5 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.859 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

Tgt Ion:165 Resp: 25238
Ion Ratio Lower Upper
165 100
63 0.9 41.3 61.9#
89 1.0 38.1 57.1#

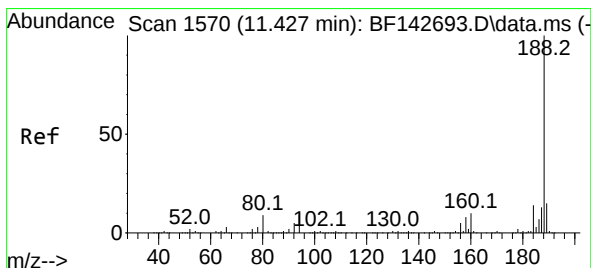
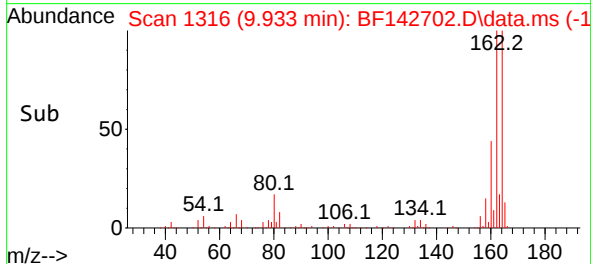
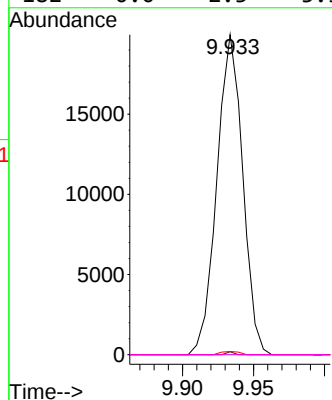
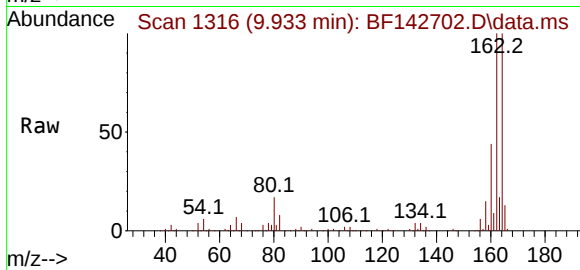




#57
2,4-Dinitrotoluene
Concen: 6.609 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

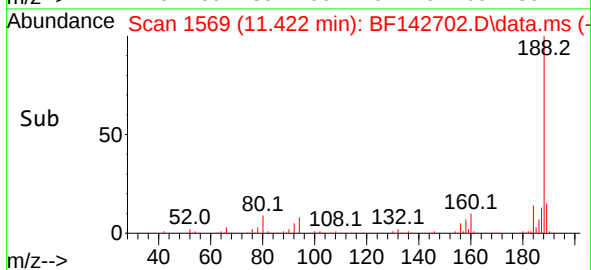
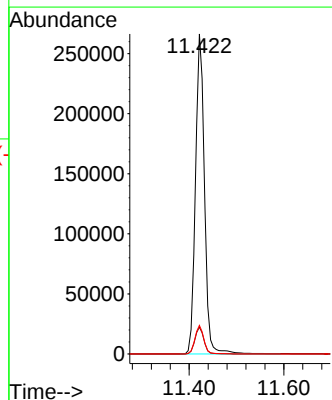
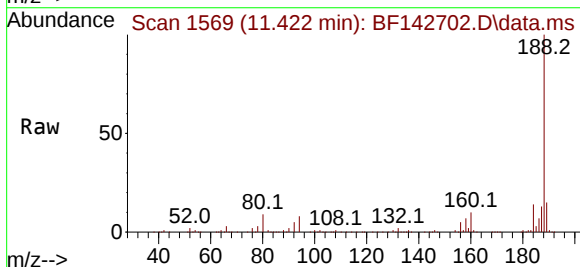
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BNA_F
ClientSampleId :
PB168351BL

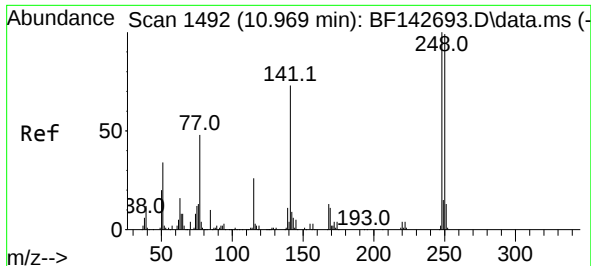
Tgt Ion:165 Resp: 25238
Ion Ratio Lower Upper
165 100
63 0.9 33.6 50.4#
89 1.0 49.4 74.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

Tgt Ion:188 Resp: 351690
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 8.9 7.2 10.8

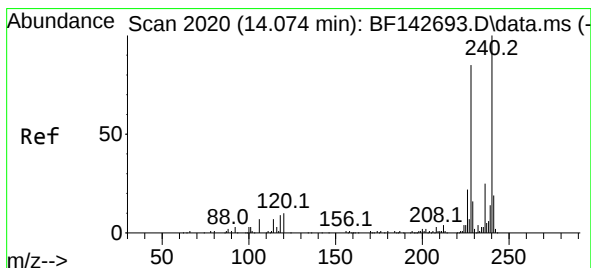
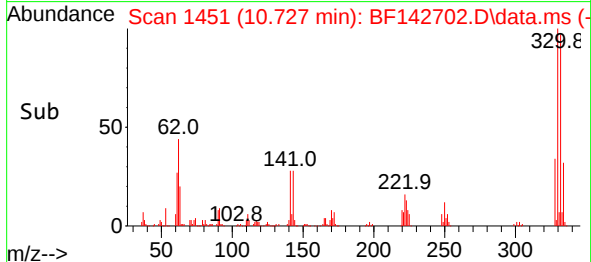
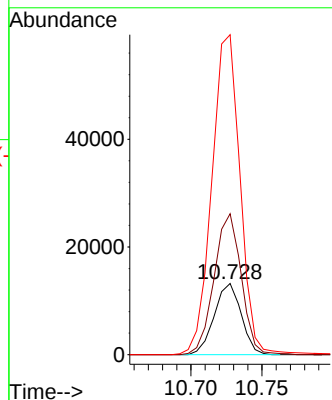
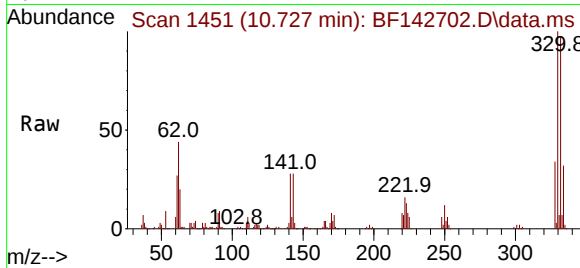




#67
4-Bromophenyl-phenylether
Concen: 4.484 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

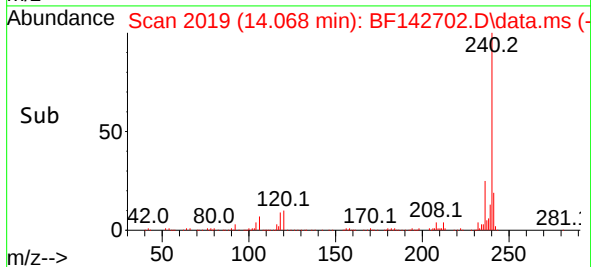
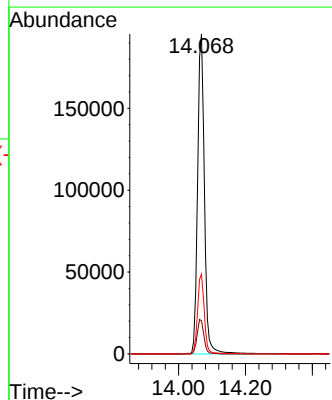
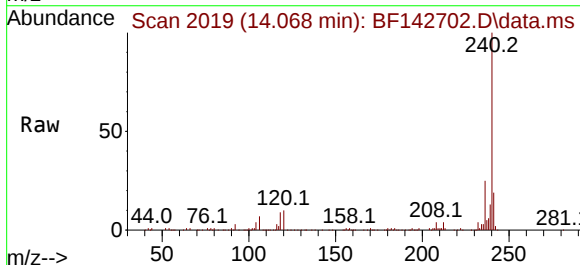
Instrument :
BNA_F
ClientSampleId :
PB168351BL

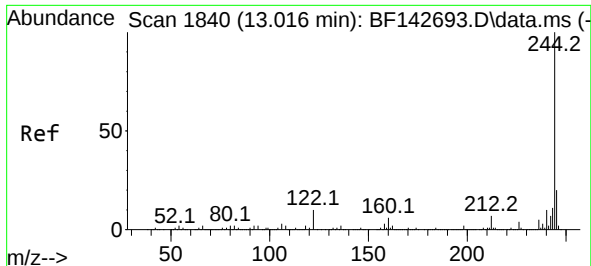
Tgt Ion:248 Resp: 17431
Ion Ratio Lower Upper
248 100
250 197.8 79.1 118.7#
141 449.0 58.5 87.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

Tgt Ion:240 Resp: 279030
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 24.9 20.2 30.2

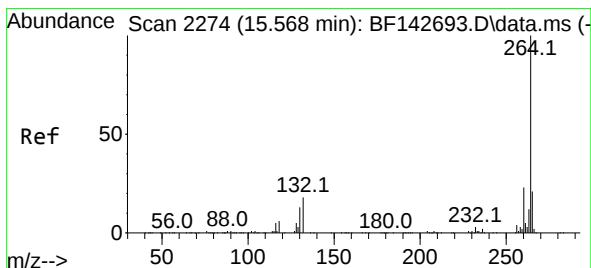
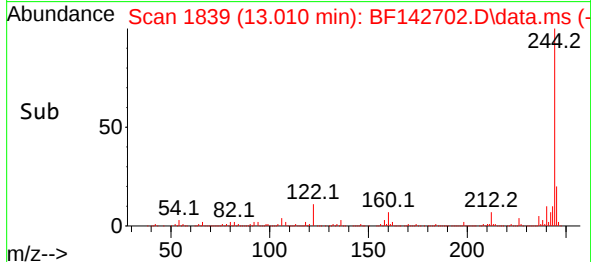
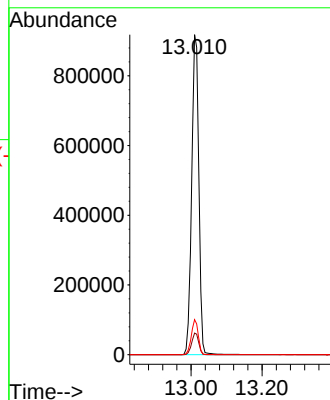
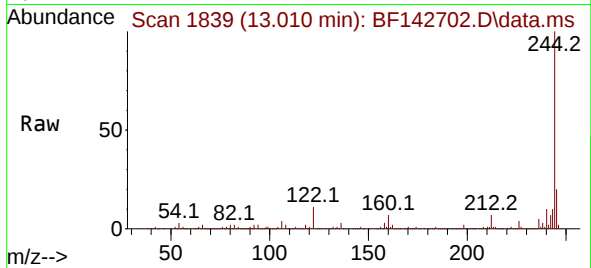




#79
 Terphenyl-d14
 Concen: 72.359 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142702.D
 Acq: 10 Jun 2025 10:08

Instrument :
 BNA_F
 ClientSampleId :
 PB168351BL

Tgt Ion:244 Resp: 1276632
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.3 7.9
 122 11.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF142702.D
 Acq: 10 Jun 2025 10:08

Tgt Ion:264 Resp: 202587
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.5 27.7
 265 21.8 17.0 25.4

