

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142291.D
 Acq On : 02 May 2025 20:13
 Operator : RC/JU
 Sample : Q1922-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-R

Quant Time: May 02 22:49:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

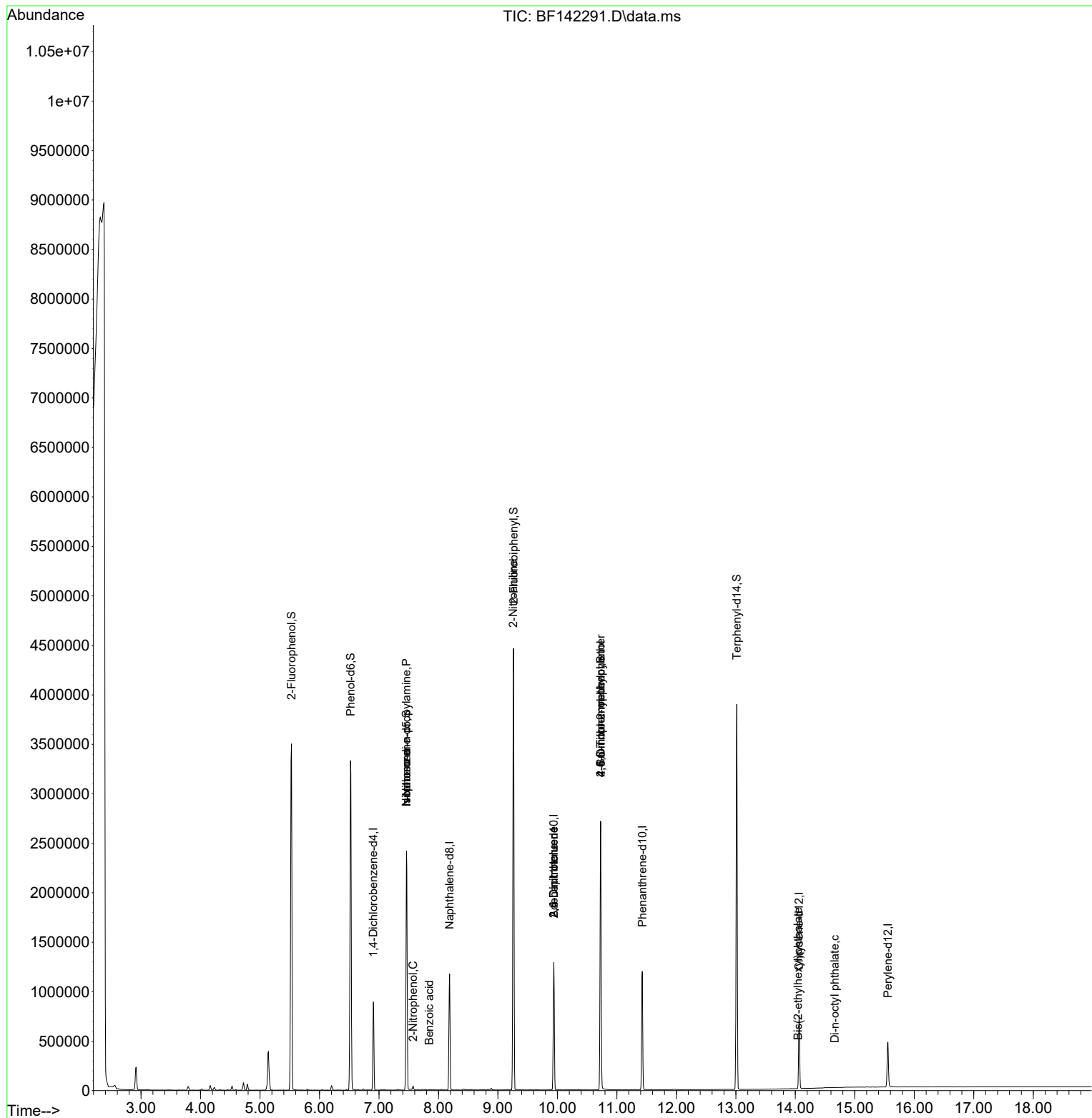
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	190143	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	720019	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	369431	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	611405	20.000	ng	0.00
76) Chrysene-d12	14.062	240	356194	20.000	ng	-0.01
86) Perylene-d12	15.556	264	279203	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1400419	117.625	ng	0.01
7) Phenol-d6	6.522	99	1645928	114.483	ng	0.00
23) Nitrobenzene-d5	7.463	82	1019471	93.020	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	473950	140.727	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2035016	77.668	ng	0.00
79) Terphenyl-d14	13.015	244	1882025	76.847	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	136719	15.389	ng	# 81
25) Isophorone	7.463	82	1016945	44.213	ng	# 64
26) 2-Nitrophenol	7.575	139	363	5.017	ng	# 34
32) Benzoic acid	7.845	122	910	10.936	ng	91
48) 2-Nitroaniline	9.257	65	3440	5.319	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	48762	13.879	ng	# 24
57) 2,4-Dinitrotoluene	9.939	165	48762	12.982	ng	# 23
65) 4,6-Dinitro-2-methylph...	10.727	198	879	10.951	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	29268	4.298	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.045	149	354	3.481	ng	# 53
85) Di-n-octyl phthalate	14.662	149	191	6.075	ng	# 22

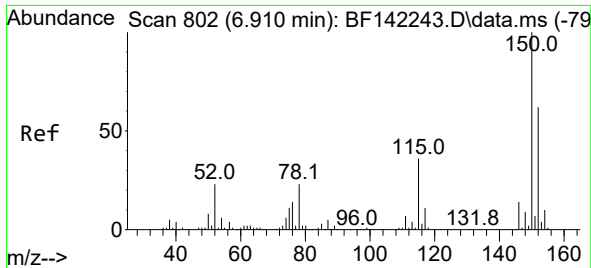
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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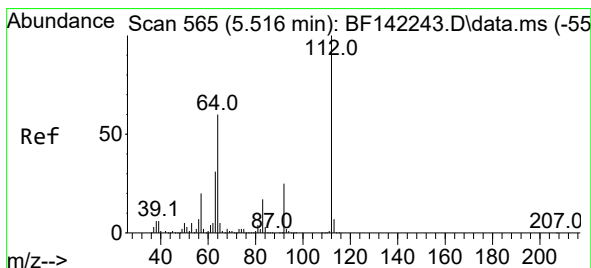
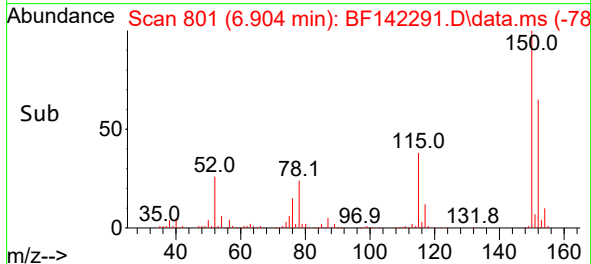
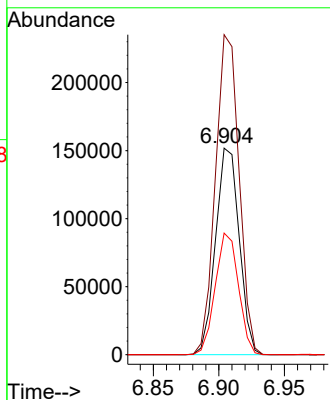
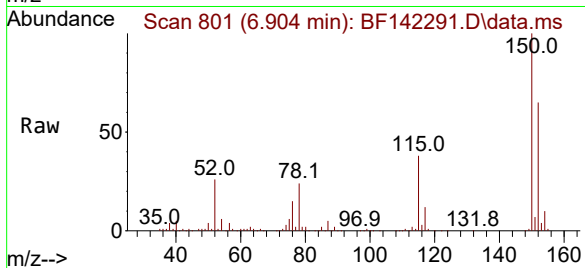




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF142291.D
 Acq: 02 May 2025 20:13

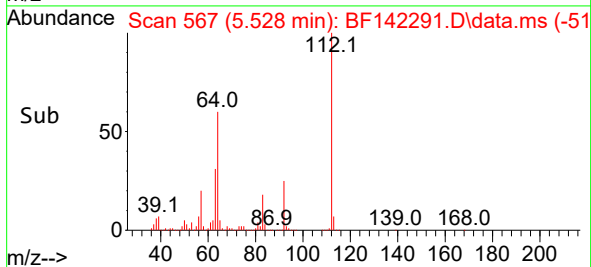
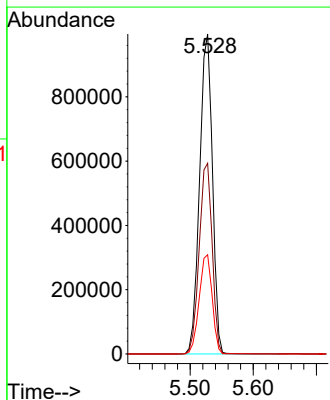
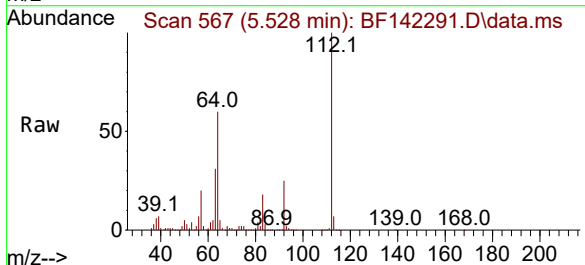
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 ClientSampleId :
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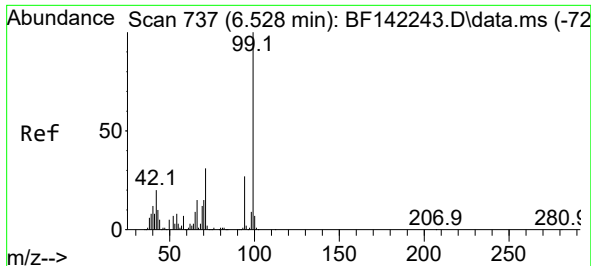
Tgt Ion:152 Resp: 190143
 Ion Ratio Lower Upper
 152 100
 150 154.9 130.2 195.2
 115 58.9 47.0 70.4



#5
 2-Fluorophenol
 Concen: 117.625 ng
 RT: 5.528 min Scan# 567
 Delta R.T. 0.011 min
 Lab File: BF142291.D
 Acq: 02 May 2025 20:13

Tgt Ion:112 Resp: 1400419
 Ion Ratio Lower Upper
 112 100
 64 59.6 48.4 72.6
 63 31.0 24.8 37.2

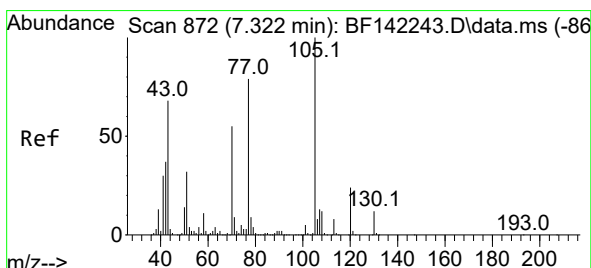
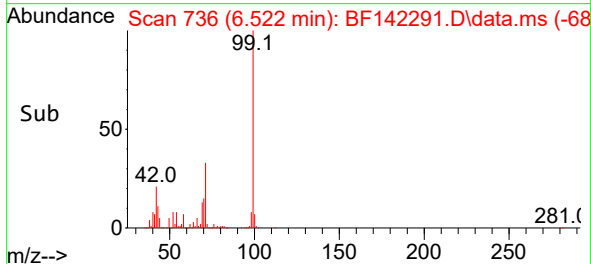
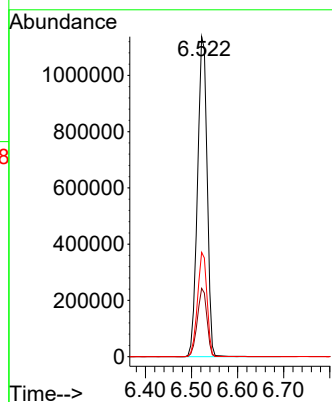
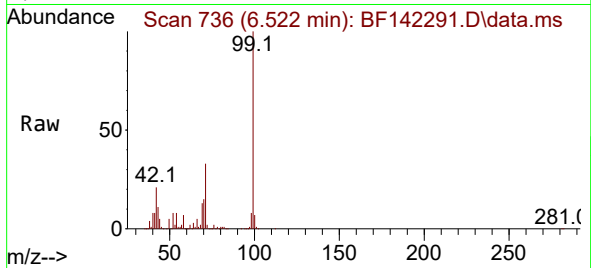




#7
Phenol-d6
Concen: 114.483 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

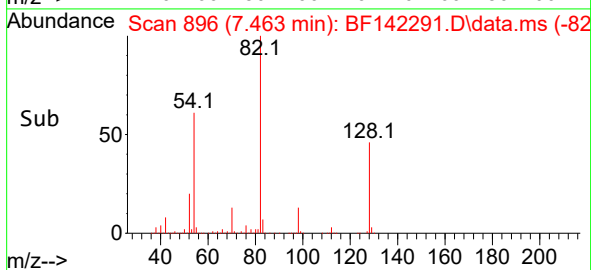
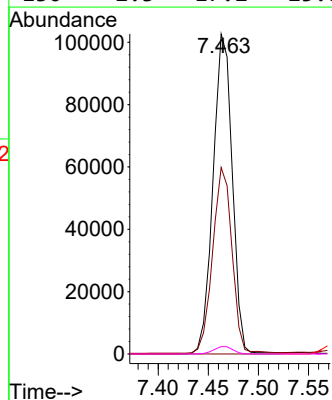
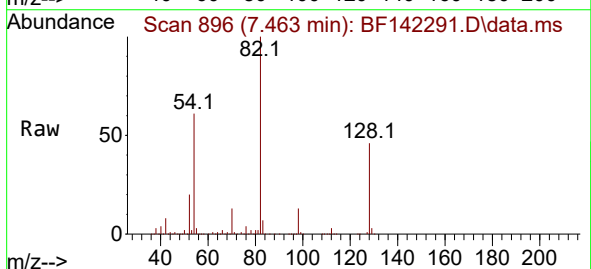
Instrument :
BNA_F
ClientSampleId :
MH-R

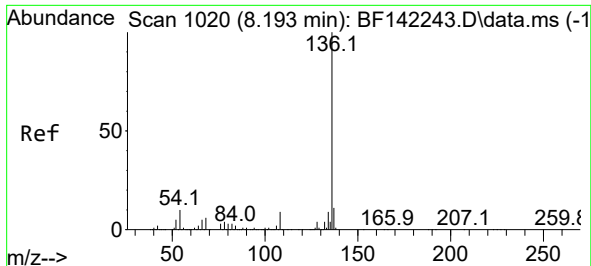
Tgt Ion: 99 Resp: 1645928
Ion Ratio Lower Upper
99 100
42 21.4 16.3 24.5
71 32.6 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.389 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

Tgt Ion: 70 Resp: 136719
Ion Ratio Lower Upper
70 100
42 58.3 53.4 80.2
101 0.0 7.7 11.5#
130 2.3 17.2 25.8#



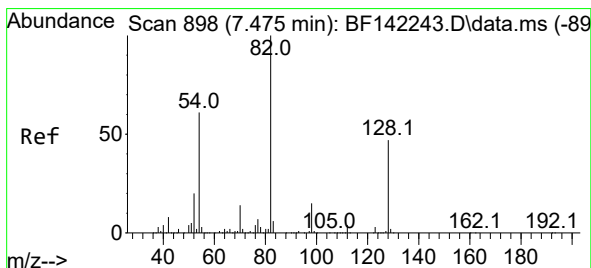
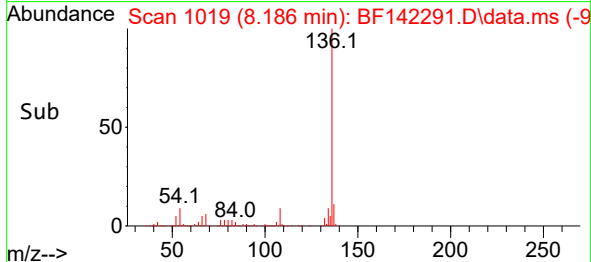
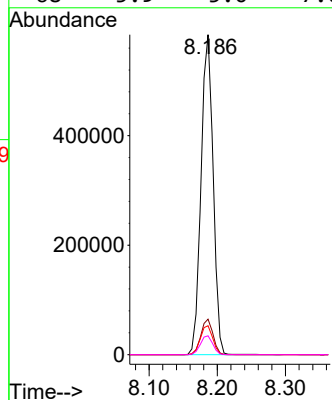
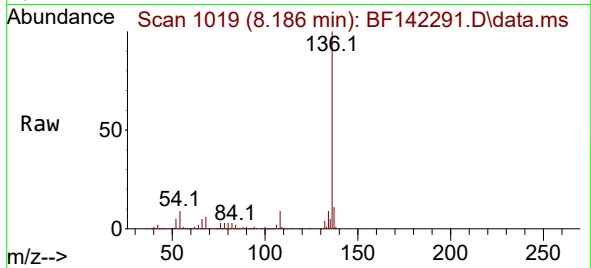


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

Instrument :
BNA_F
ClientSampleId :
MH-R

Tgt Ion:136 Resp: 720019

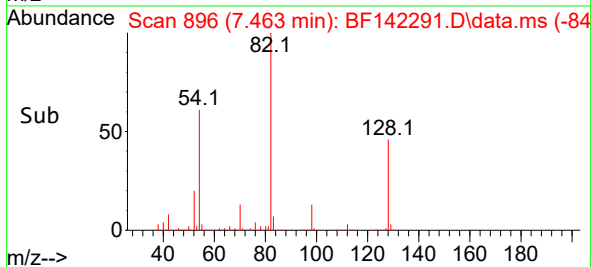
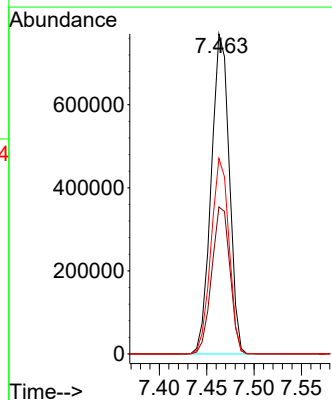
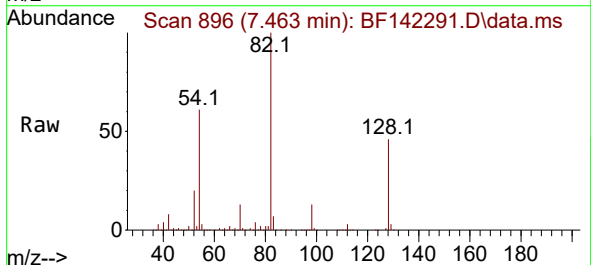
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.1	7.7	11.5
68	5.9	5.0	7.6

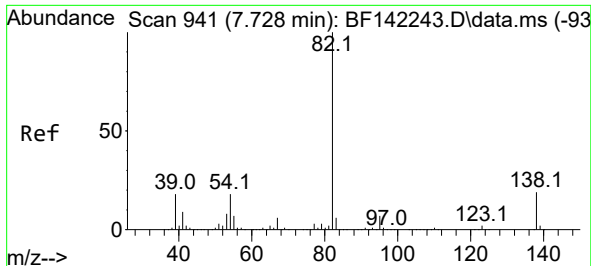


#23
Nitrobenzene-d5
Concen: 93.020 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

Tgt Ion: 82 Resp: 1019471

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.0	55.6
54	61.1	48.0	72.0

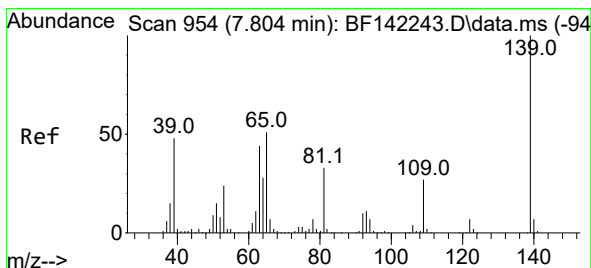
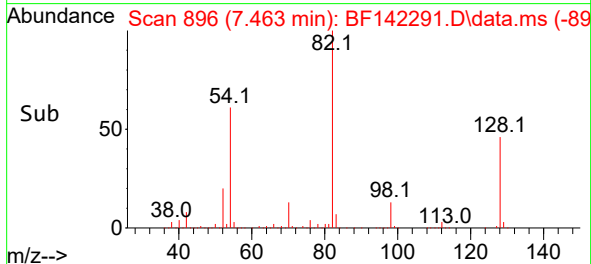
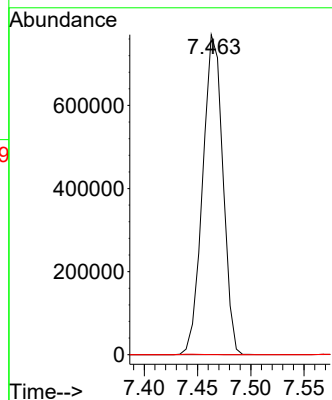
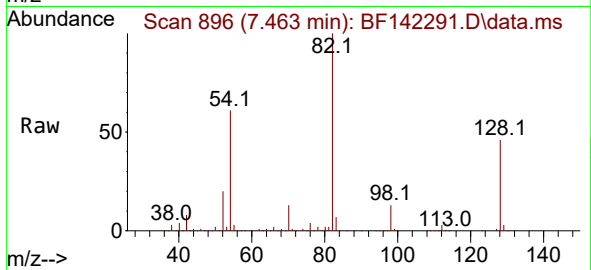




#25
Isophorone
Concen: 44.213 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

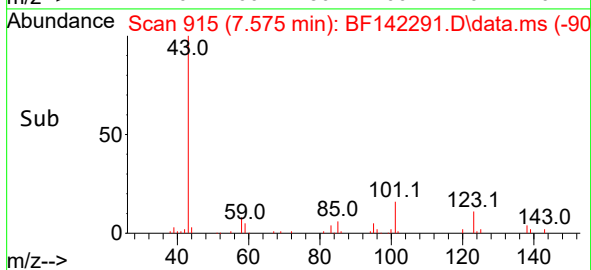
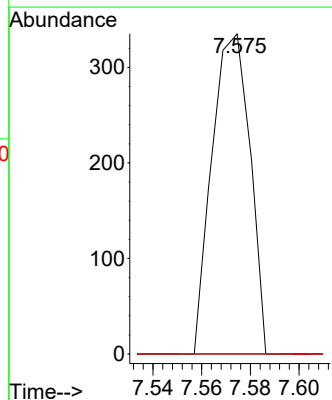
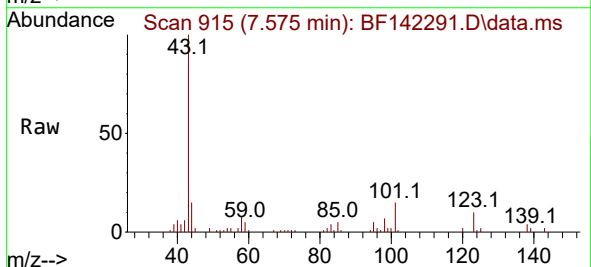
Instrument :
BNA_F
ClientSampleId :
MH-R

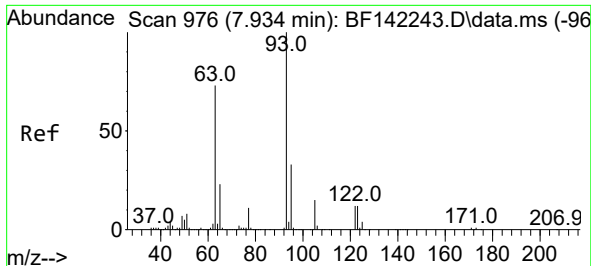
Tgt Ion: 82 Resp: 1016945
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.3 22.9#



#26
2-Nitrophenol
Concen: 5.017 ng
RT: 7.575 min Scan# 915
Delta R.T. -0.229 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

Tgt Ion:139 Resp: 363
Ion Ratio Lower Upper
139 100
109 0.0 21.8 32.8#
65 0.0 41.1 61.7#

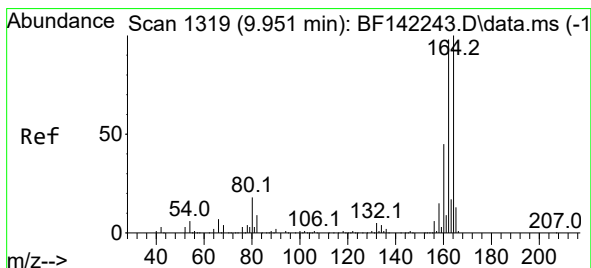
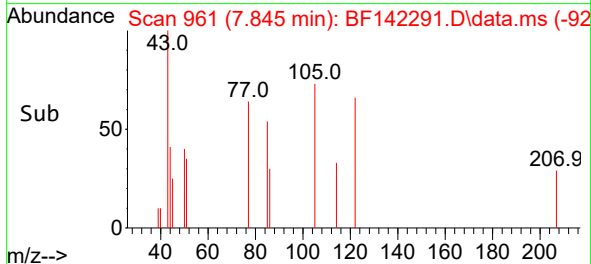
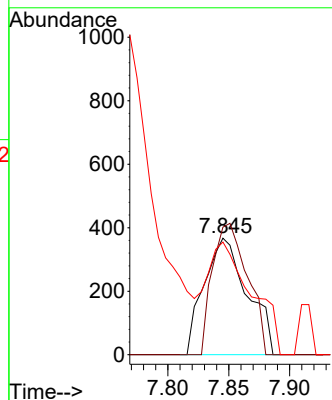
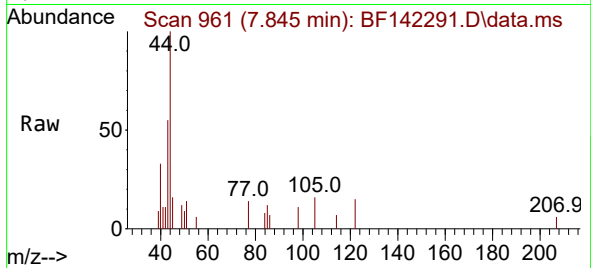




#32
Benzoic acid
Concen: 10.936 ng
RT: 7.845 min Scan# 910
Delta R.T. -0.089 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

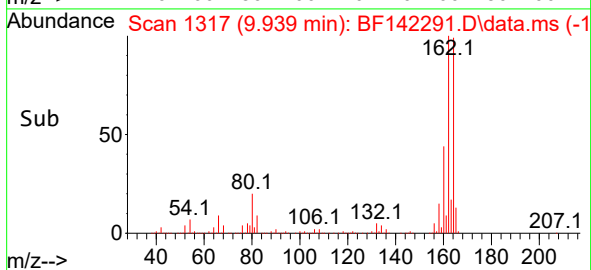
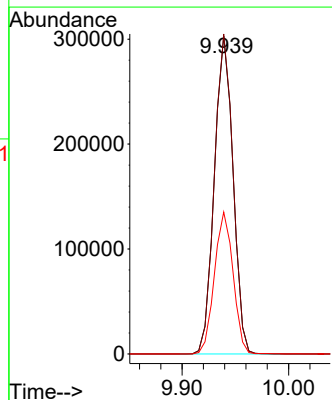
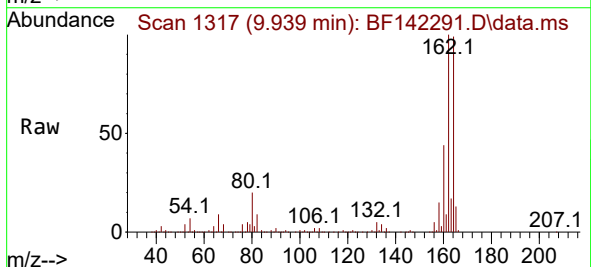
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ClientSampleId :
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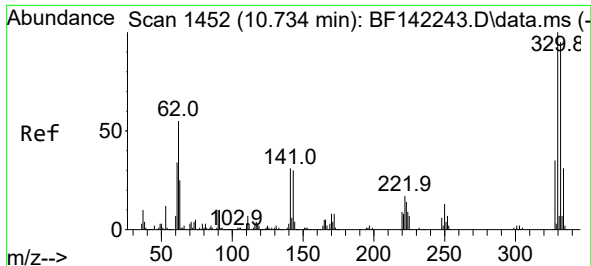
Tgt Ion:122 Resp: 910
Ion Ratio Lower Upper
122 100
105 109.5 98.2 138.2
77 96.7 66.8 106.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.012 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

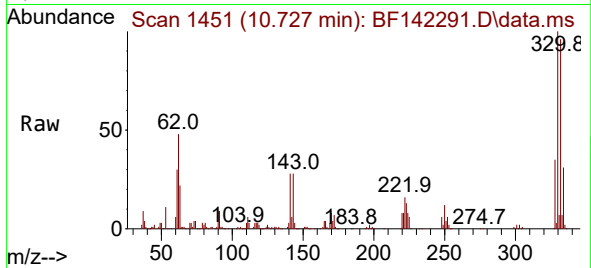
Tgt Ion:164 Resp: 369431
Ion Ratio Lower Upper
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162 100.6 78.6 117.8
160 44.6 35.7 53.5



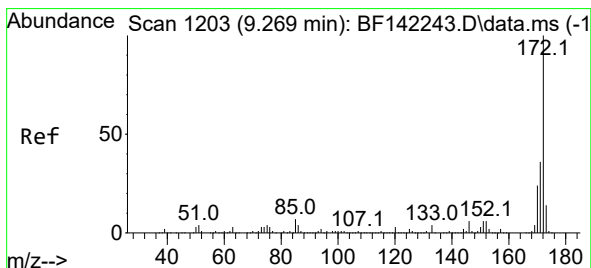
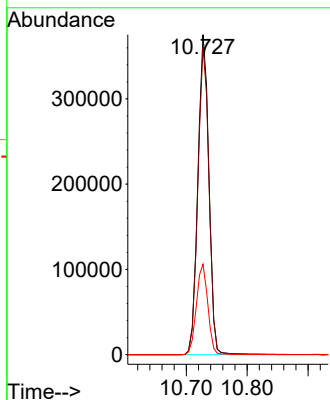
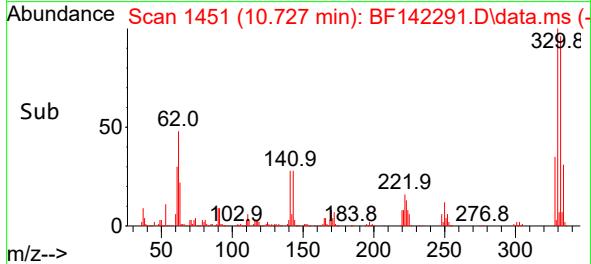


#42
2,4,6-Tribromophenol
Concen: 140.727 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

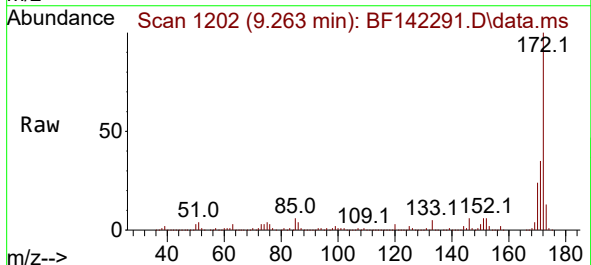
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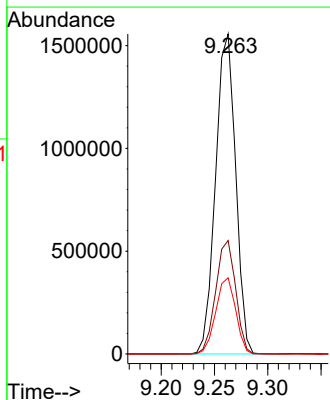
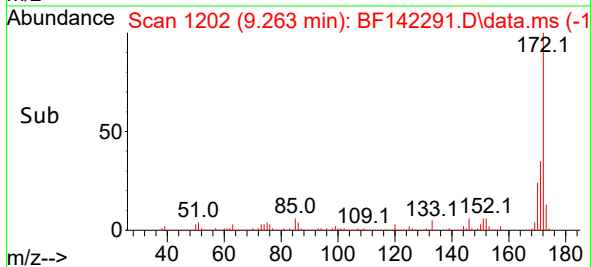
Tgt Ion:330 Resp: 473950
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 29.3 24.3 36.5

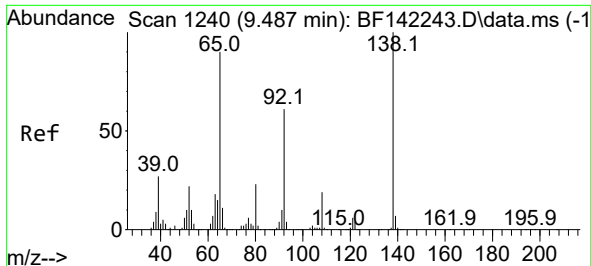


#45
2-Fluorobiphenyl
Concen: 77.668 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13



Tgt Ion:172 Resp: 2035016
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.4
170 23.8 19.4 29.0

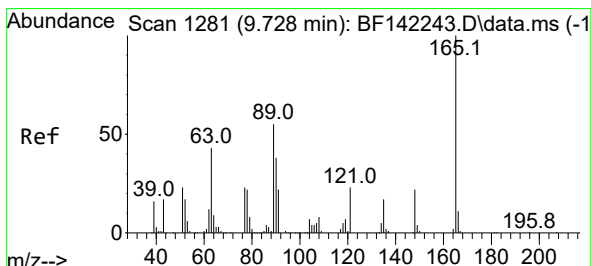
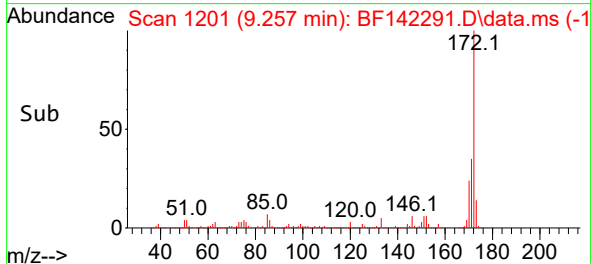
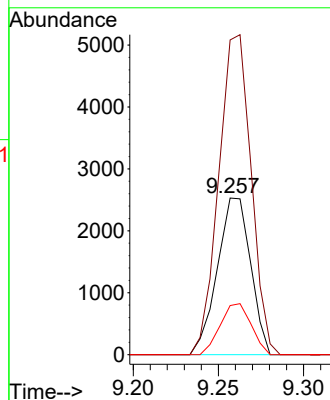
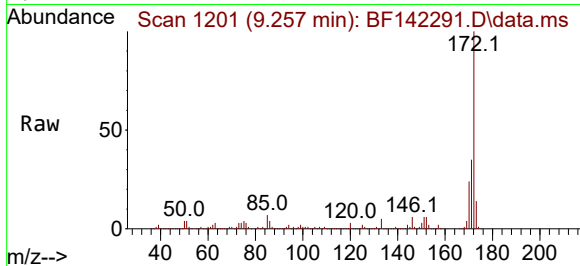




#48
2-Nitroaniline
Concen: 5.319 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.230 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

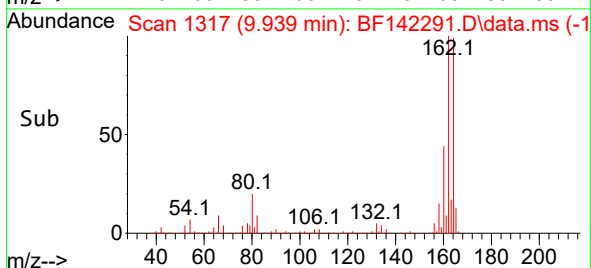
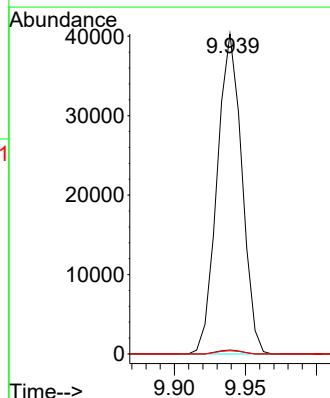
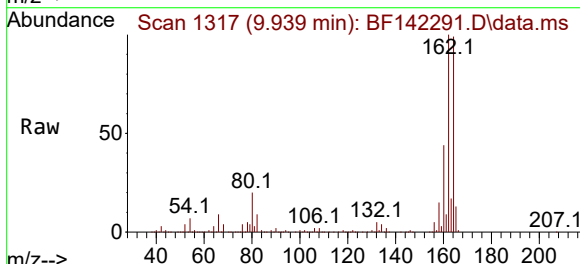
Instrument :
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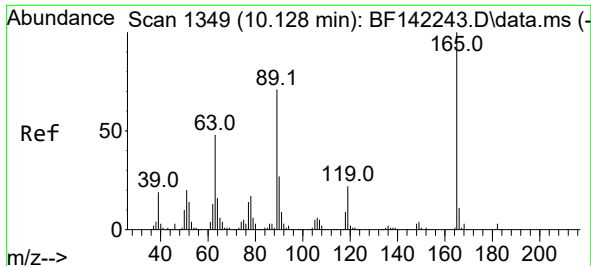
Tgt Ion: 65 Resp: 3440
Ion Ratio Lower Upper
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92 200.9 54.3 81.5#
138 31.3 88.6 133.0#



#51
2,6-Dinitrotoluene
Concen: 13.879 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.211 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

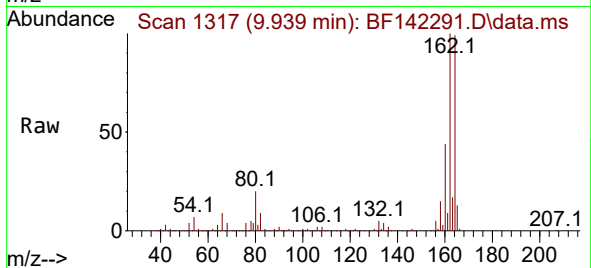
Tgt Ion: 165 Resp: 48762
Ion Ratio Lower Upper
165 100
63 1.3 48.5 72.7#
89 1.0 43.9 65.9#



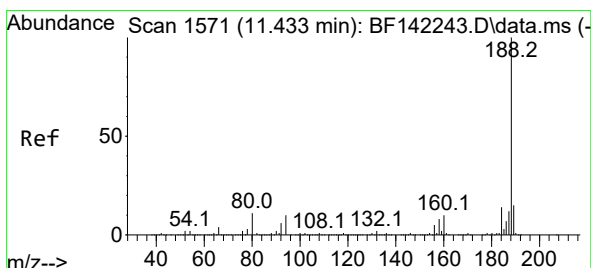
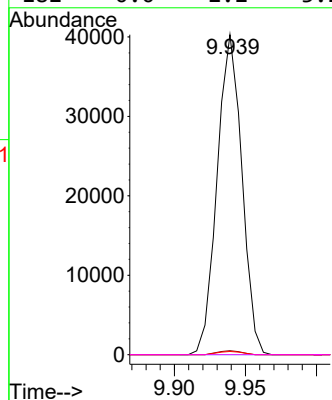
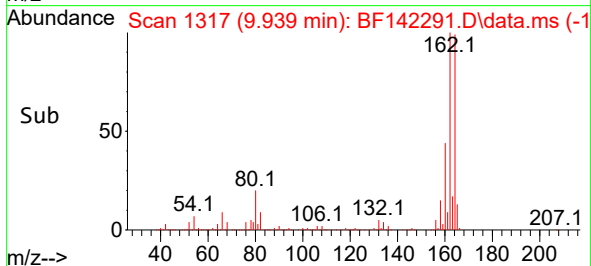


#57
2,4-Dinitrotoluene
Concen: 12.982 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

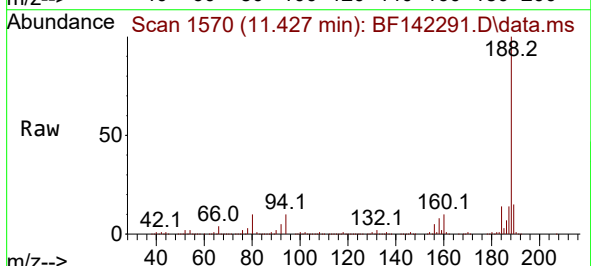
Instrument :
BNA_F
ClientSampleId :
MH-R



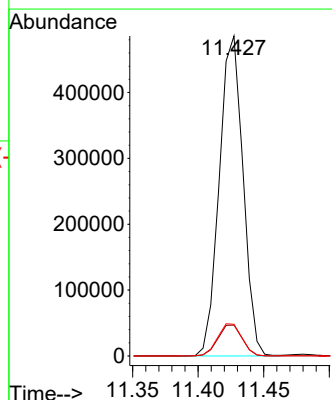
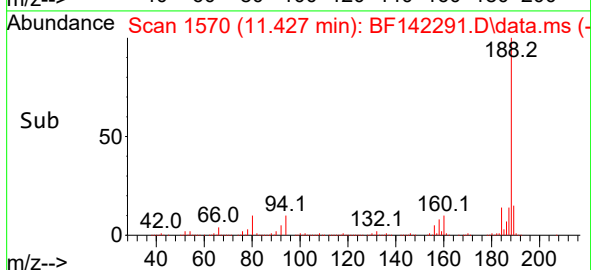
Tgt Ion:165 Resp: 48762
Ion Ratio Lower Upper
165 100
63 1.3 38.8 58.2#
89 1.0 57.1 85.7#
182 0.0 2.2 3.2#

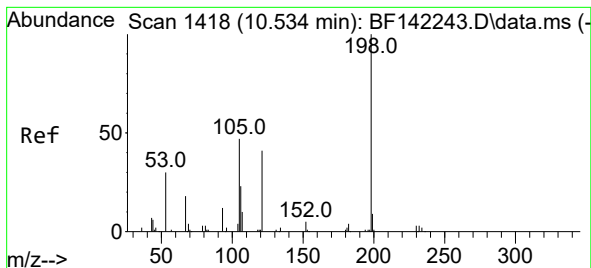


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13



Tgt Ion:188 Resp: 611405
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 9.9 8.6 12.8

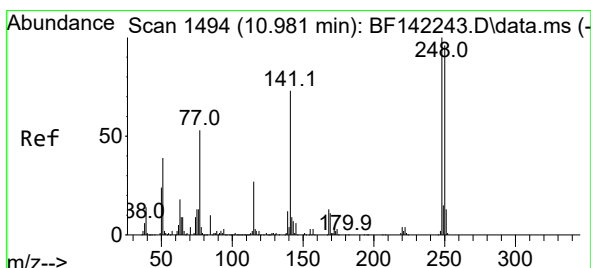
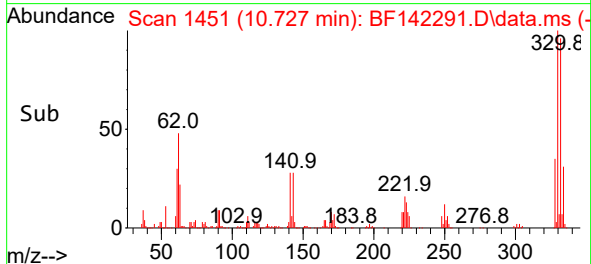
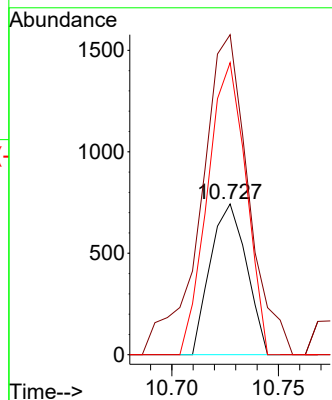
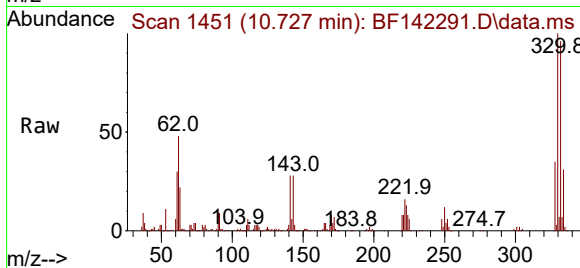




#65
4,6-Dinitro-2-methylphenol
Concen: 10.951 ng
RT: 10.727 min Scan# 1418
Delta R.T. 0.193 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

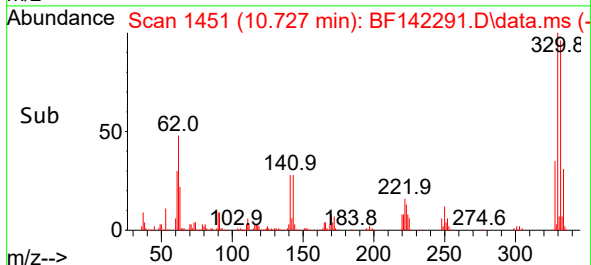
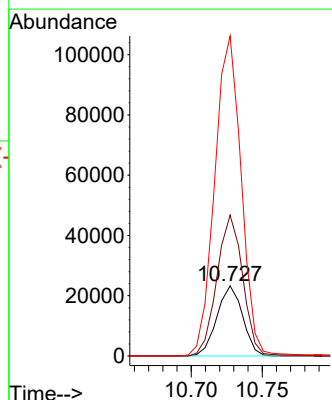
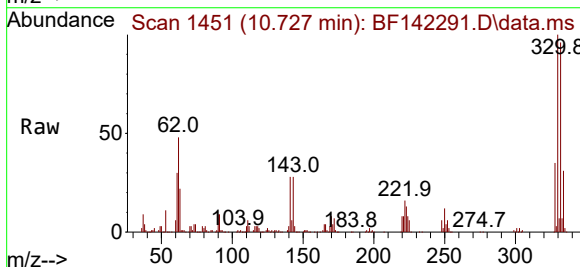
Instrument :
BNA_F
ClientSampleId :
MH-R

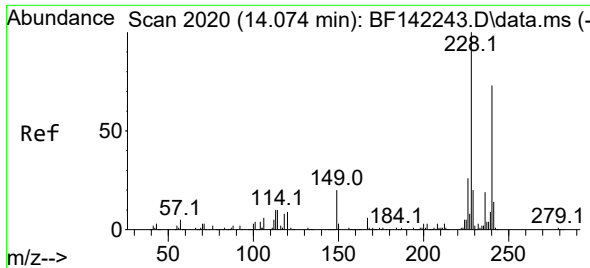
Tgt Ion:198 Resp: 879
Ion Ratio Lower Upper
198 100
51 212.2 40.6 80.6#
105 193.7 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 4.298 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.253 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

Tgt Ion:248 Resp: 29268
Ion Ratio Lower Upper
248 100
250 200.9 77.2 115.8#
141 456.4 58.4 87.6#

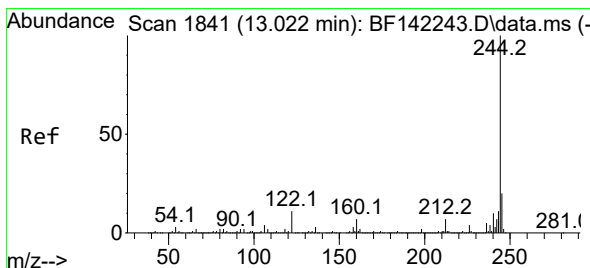
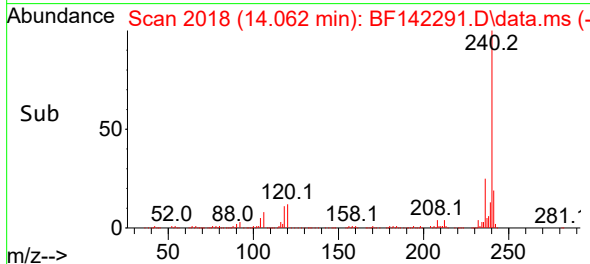
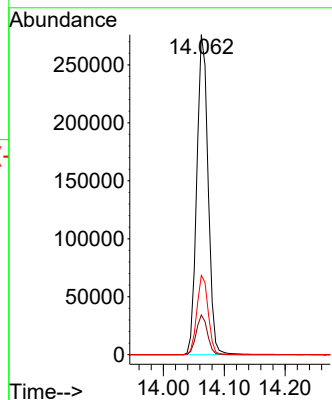
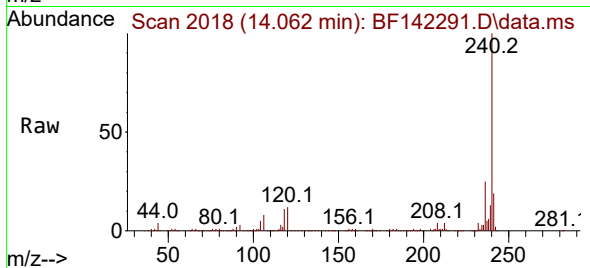




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

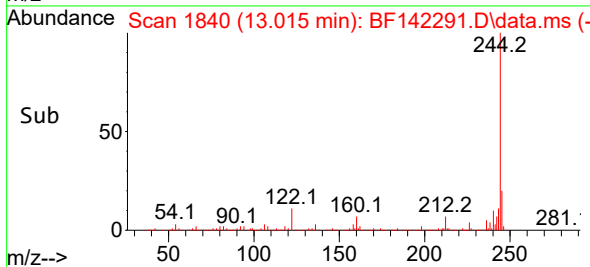
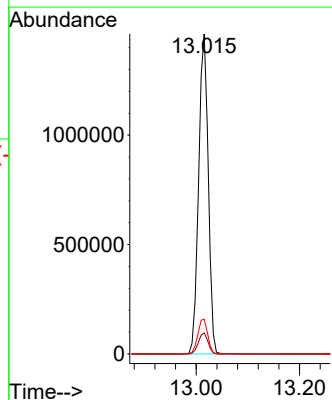
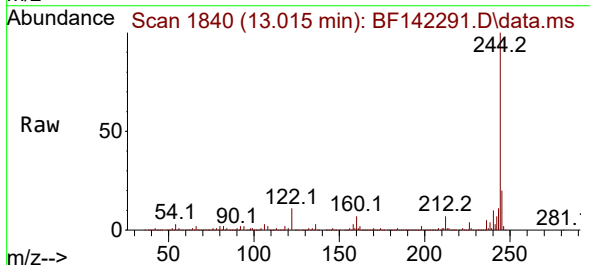
Instrument :
BNA_F
ClientSampleId :
MH-R

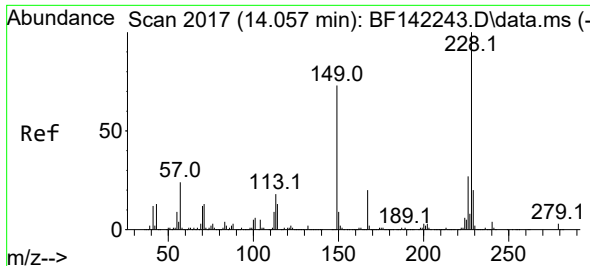
Tgt Ion:240 Resp: 356194
Ion Ratio Lower Upper
240 100
120 12.4 10.1 15.1
236 24.8 20.5 30.7



#79
Terphenyl-d14
Concen: 76.847 ng
RT: 13.015 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

Tgt Ion:244 Resp: 1882025
Ion Ratio Lower Upper
244 100
212 6.6 5.3 7.9
122 10.8 9.1 13.7

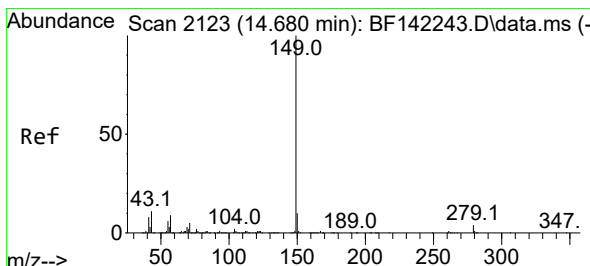
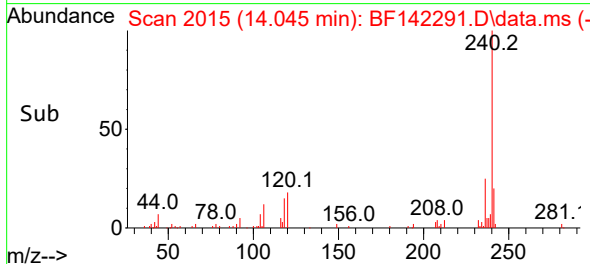
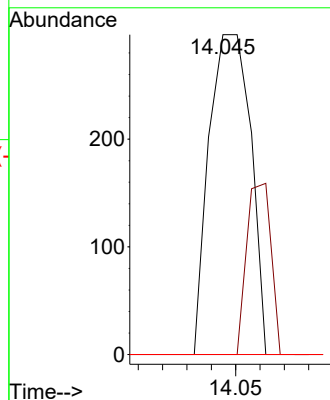
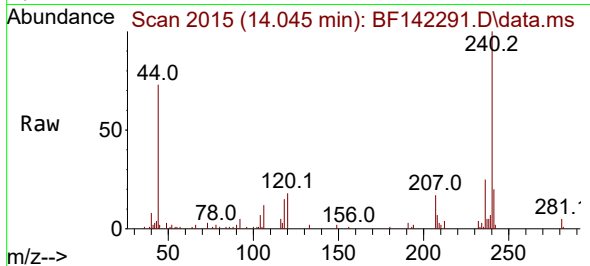




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.481 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.012 min
 Lab File: BF142291.D
 Acq: 02 May 2025 20:13

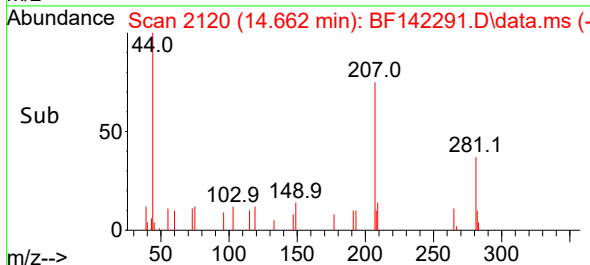
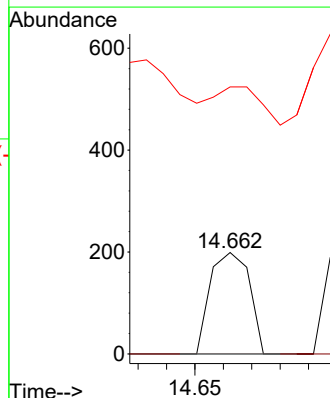
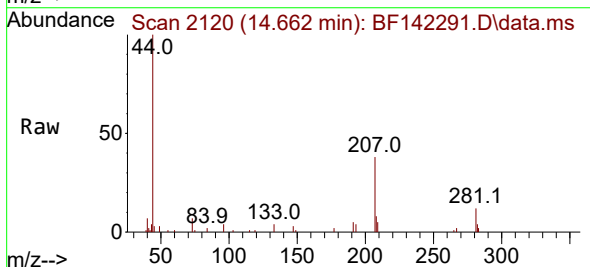
Instrument :
 BNA_F
 ClientSampleId :
 MH-R

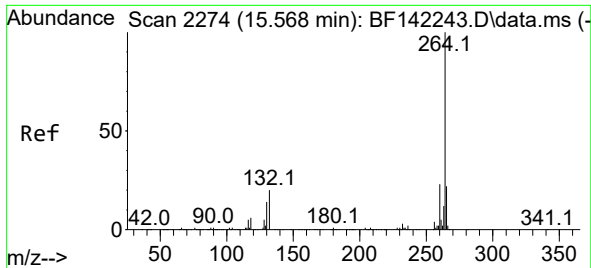
Tgt Ion:149 Resp: 354
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.7 32.5#
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 6.075 ng
 RT: 14.662 min Scan# 2120
 Delta R.T. -0.018 min
 Lab File: BF142291.D
 Acq: 02 May 2025 20:13

Tgt Ion:149 Resp: 191
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.1 1.7#
 43 45.0 9.3 13.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

Instrument :
BNA_F
ClientSampleId :
MH-R

Tgt Ion:264 Resp: 279203
Ion Ratio Lower Upper
264 100
260 22.2 18.4 27.6
265 20.6 17.3 25.9

