

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142292.D
 Acq On : 02 May 2025 20:42
 Operator : RC/JU
 Sample : Q1922-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-S

Quant Time: May 02 22:49:54 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

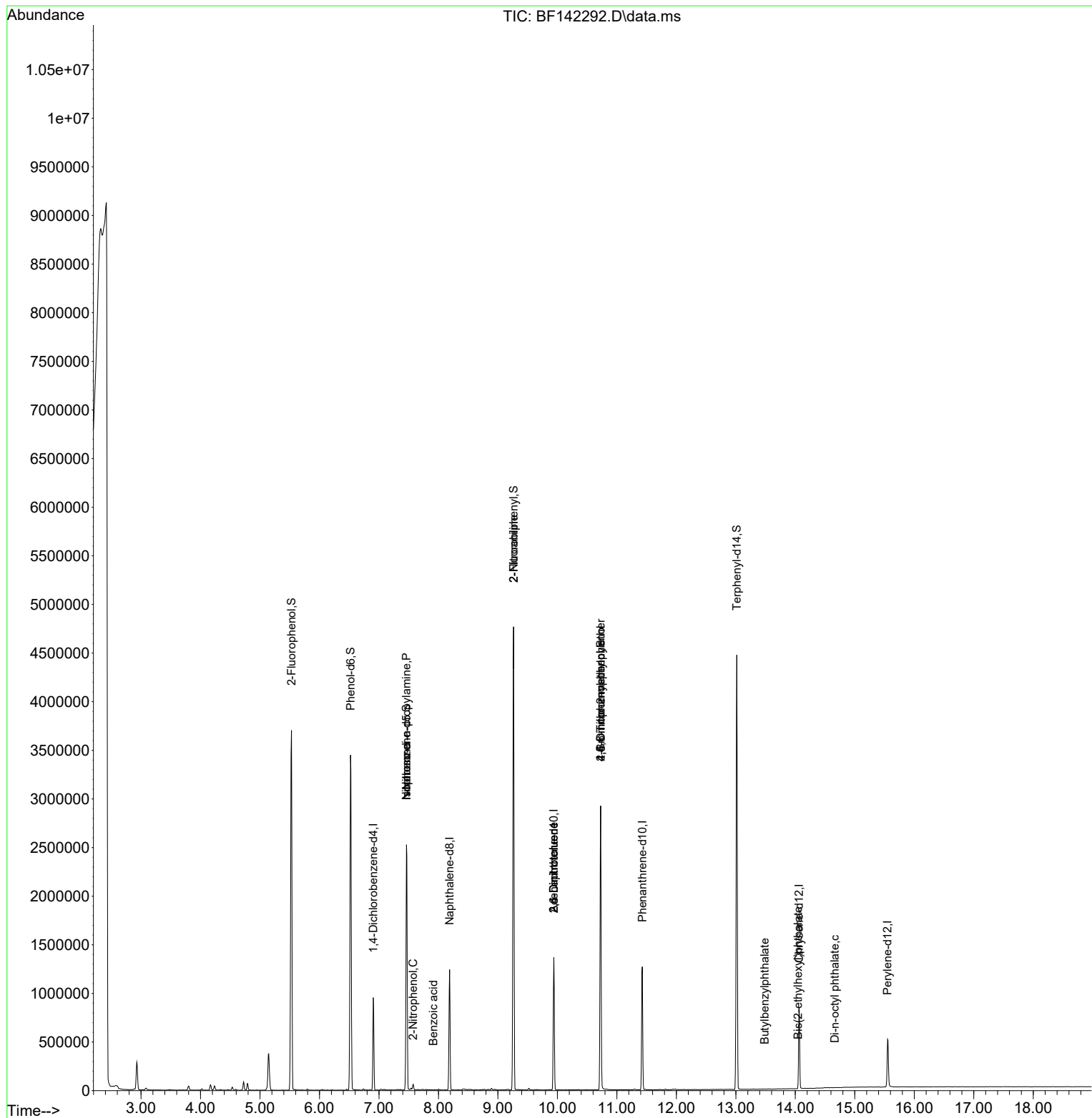
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	199515	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	756592	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	392166	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	647640	20.000	ng	0.00
76) Chrysene-d12	14.063	240	400579	20.000	ng	-0.01
86) Perylene-d12	15.551	264	292964	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1480009	118.471	ng	0.01
7) Phenol-d6	6.522	99	1730396	114.704	ng	0.00
23) Nitrobenzene-d5	7.463	82	1079023	93.695	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	520394	145.559	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2161768	77.723	ng	0.00
79) Terphenyl-d14	13.016	244	2187734	79.431	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	145331	15.590	ng	# 81
25) Isophorone	7.463	82	1075986	44.518	ng	# 64
26) 2-Nitrophenol	7.575	139	473	5.036	ng	# 34
32) Benzoic acid	7.916	122	165	10.830	ng	# 1
48) 2-Nitroaniline	9.263	65	3584	5.308	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	50536	13.646	ng	# 24
57) 2,4-Dinitrotoluene	9.939	165	50536	12.794	ng	# 23
65) 4,6-Dinitro-2-methylph...	10.728	198	1040	10.991	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	30803	4.271	ng	# 1
80) Butylbenzylphthalate	13.486	149	199	3.735	ng	# 70
84) Bis(2-ethylhexyl)phtha...	14.045	149	570	3.492	ng	# 53
85) Di-n-octyl phthalate	14.663	149	183	6.074	ng	# 73

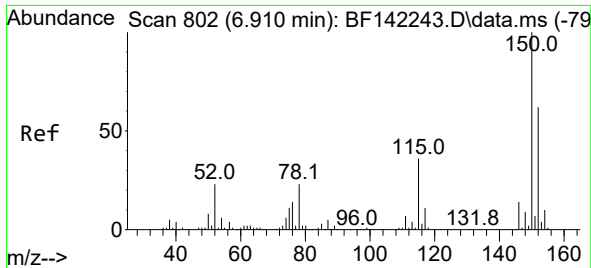
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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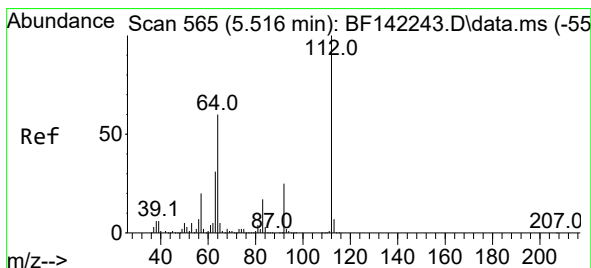
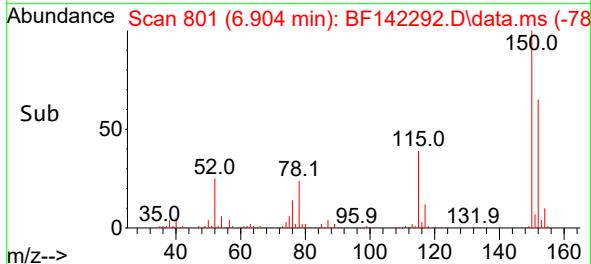
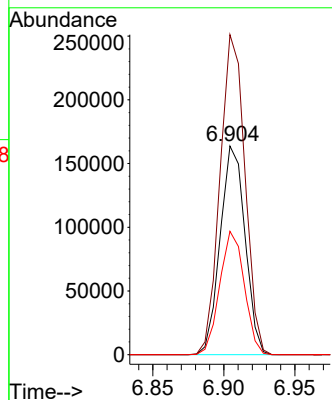
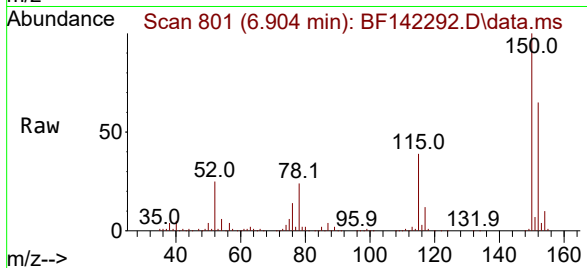




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

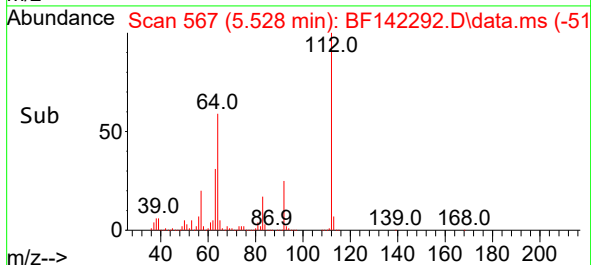
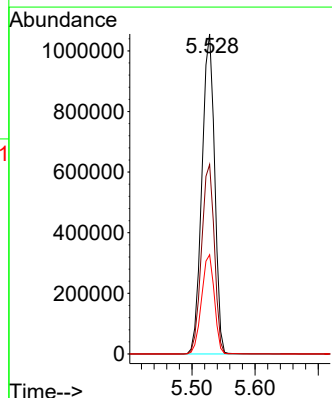
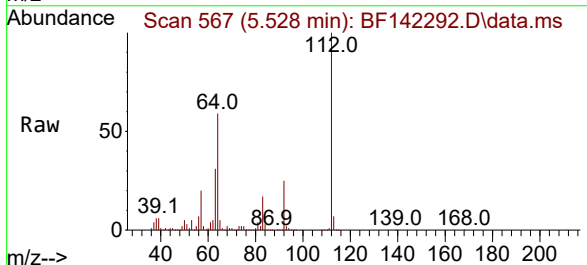
Instrument :
BNA_F
ClientSampleId :
MH-S

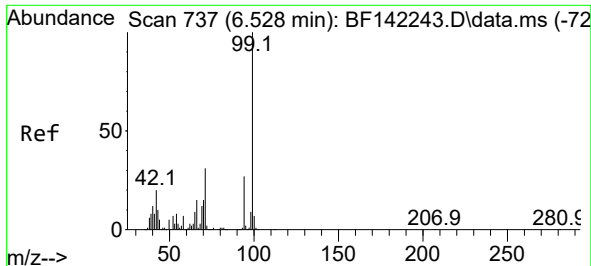
Tgt Ion:152 Resp: 199515
Ion Ratio Lower Upper
152 100
150 153.3 130.2 195.2
115 59.1 47.0 70.4



#5
2-Fluorophenol
Concen: 118.471 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

Tgt Ion:112 Resp: 1480009
Ion Ratio Lower Upper
112 100
64 59.2 48.4 72.6
63 31.0 24.8 37.2

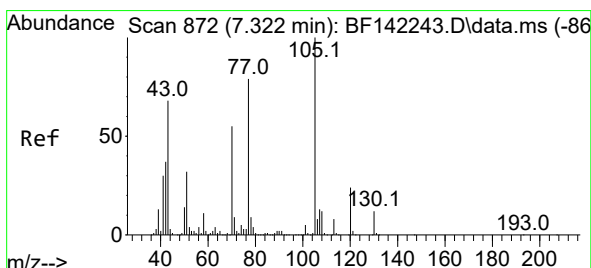
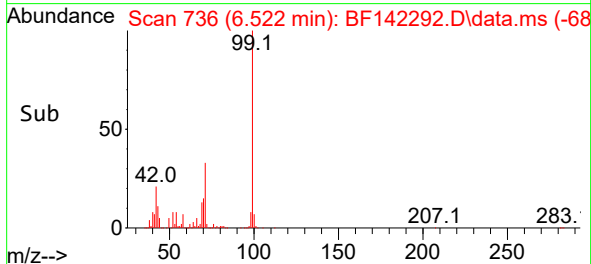
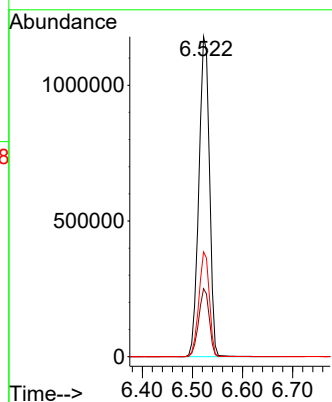
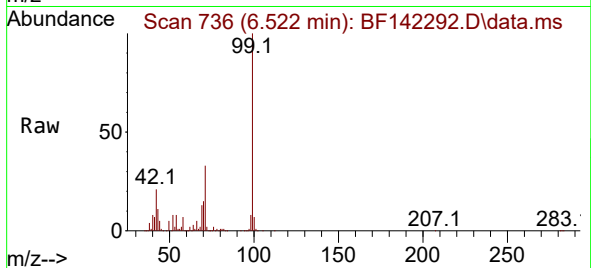




#7
Phenol-d6
Concen: 114.704 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

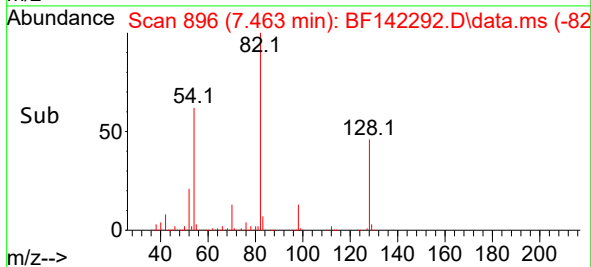
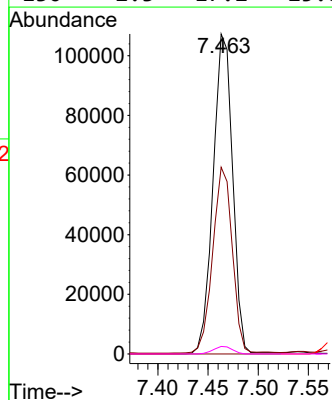
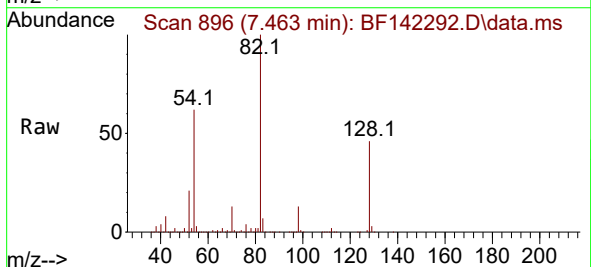
Instrument :
BNA_F
ClientSampleId :
MH-S

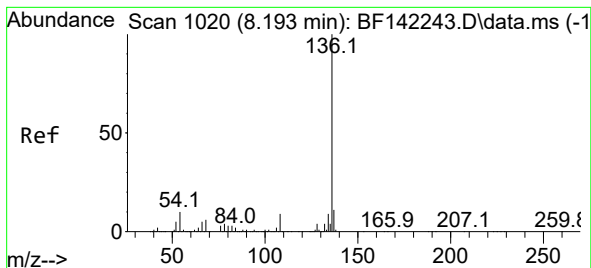
Tgt Ion: 99 Resp: 1730396
Ion Ratio Lower Upper
99 100
42 21.2 16.3 24.5
71 32.8 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.590 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

Tgt Ion: 70 Resp: 145331
Ion Ratio Lower Upper
70 100
42 58.4 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: 8.187 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142292.D

Acq: 02 May 2025 20:42

Instrument :

BNA_F

ClientSampleId :

MH-S

Tgt Ion:136 Resp: 756592

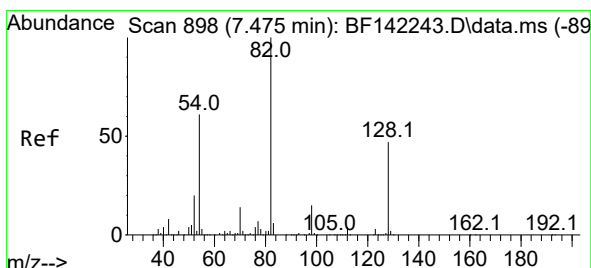
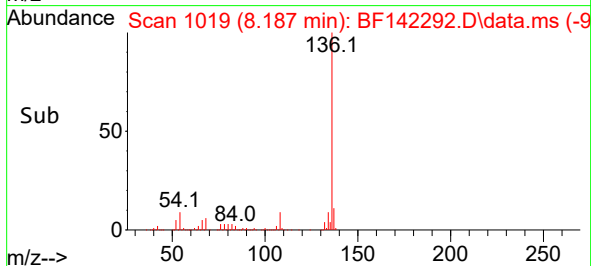
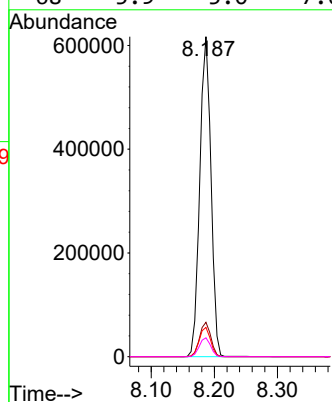
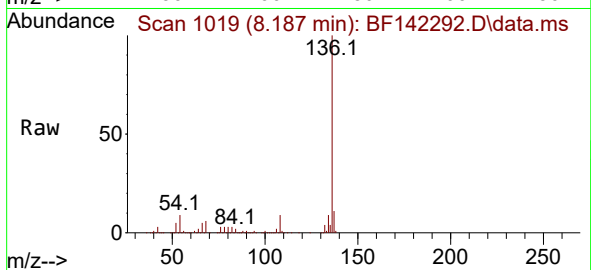
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.1 7.7 11.5

68 5.9 5.0 7.6



#23

Nitrobenzene-d5

Concen: 93.695 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142292.D

Acq: 02 May 2025 20:42

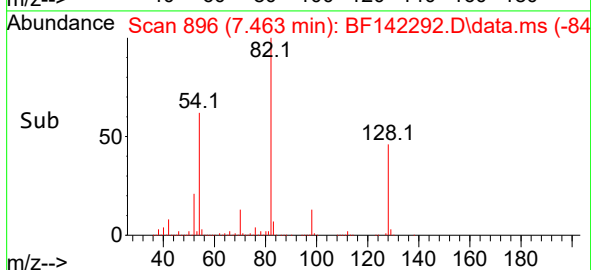
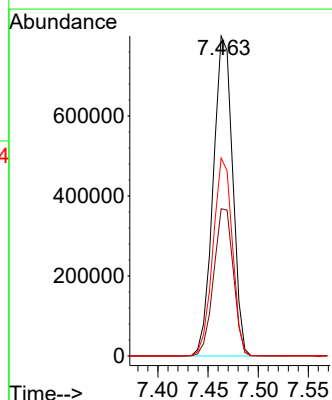
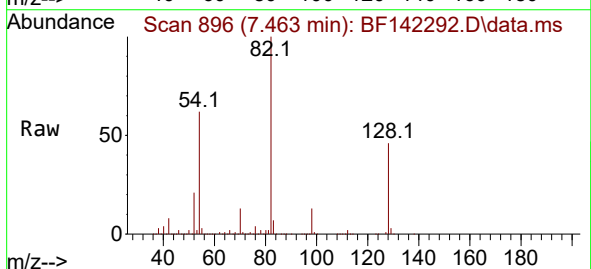
Tgt Ion: 82 Resp: 1079023

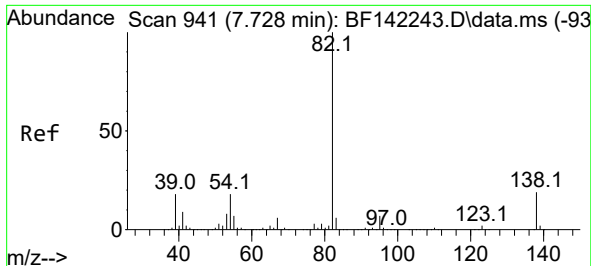
Ion Ratio Lower Upper

82 100

128 46.0 37.0 55.6

54 61.8 48.0 72.0

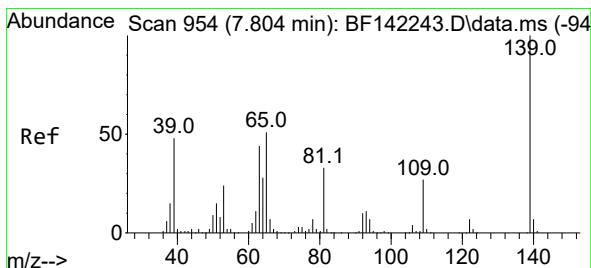
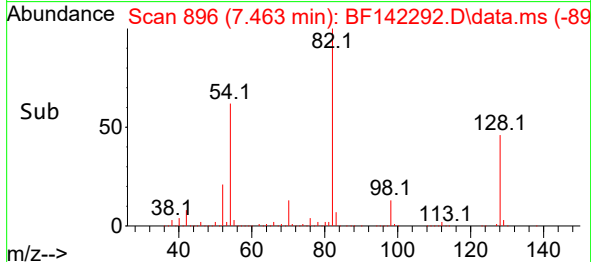
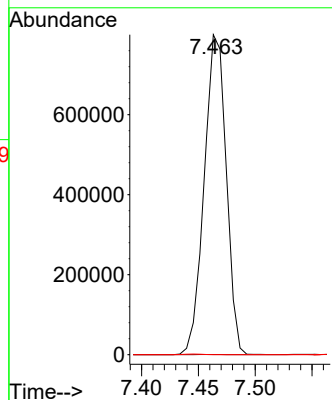
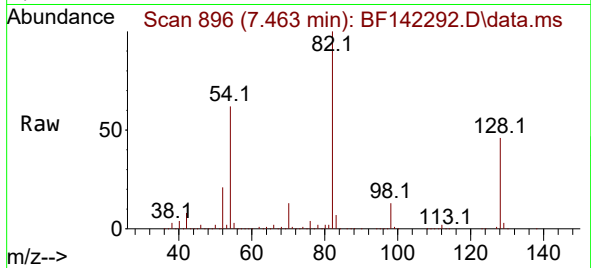




#25
Isophorone
Concen: 44.518 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

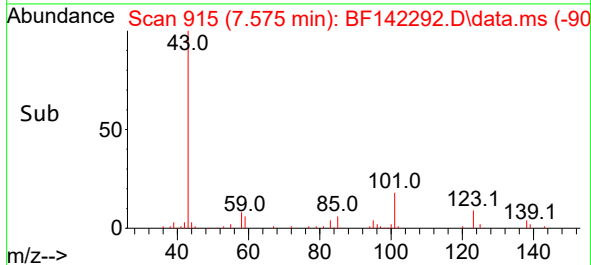
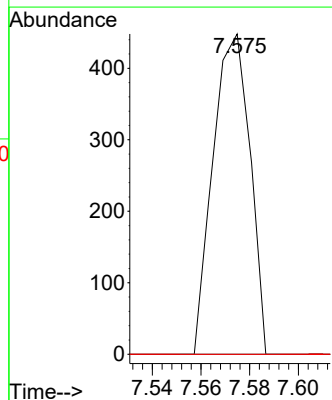
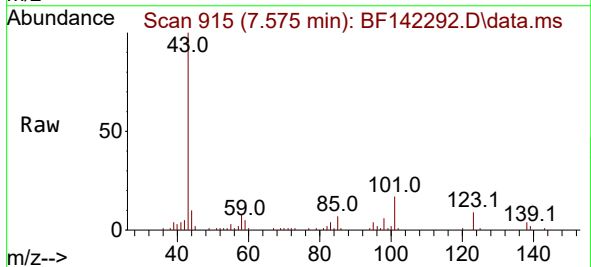
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ClientSampleId :
MH-S

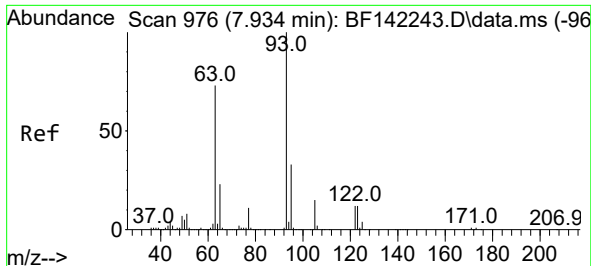
Tgt Ion: 82 Resp: 1075986
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.3 22.9#



#26
2-Nitrophenol
Concen: 5.036 ng
RT: 7.575 min Scan# 915
Delta R.T. -0.229 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

Tgt Ion:139 Resp: 473
Ion Ratio Lower Upper
139 100
109 0.0 21.8 32.8#
65 0.0 41.1 61.7#

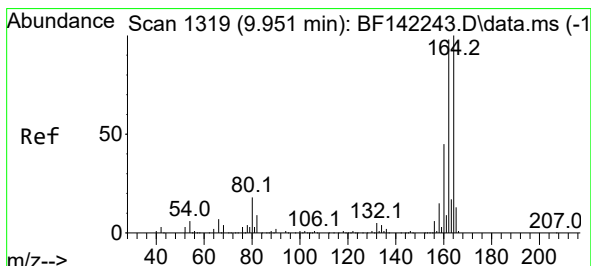
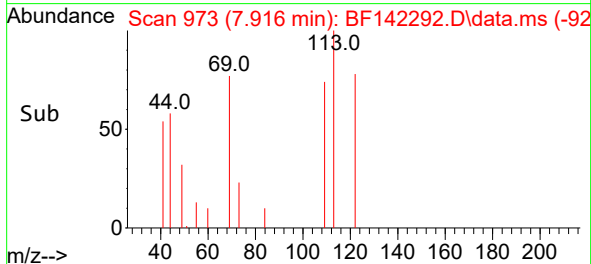
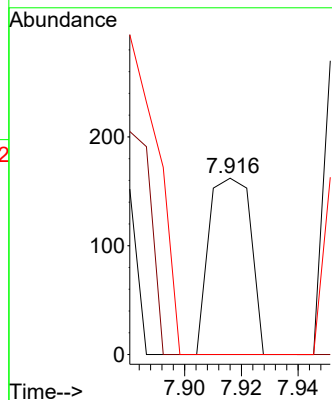
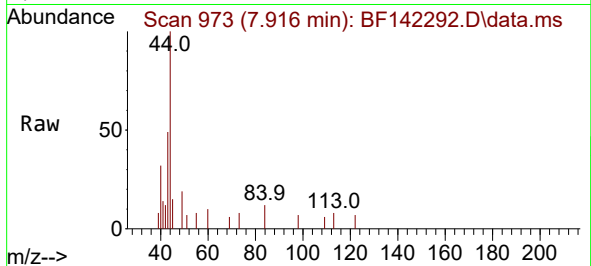




#32
Benzoic acid
Concen: 10.830 ng
RT: 7.916 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

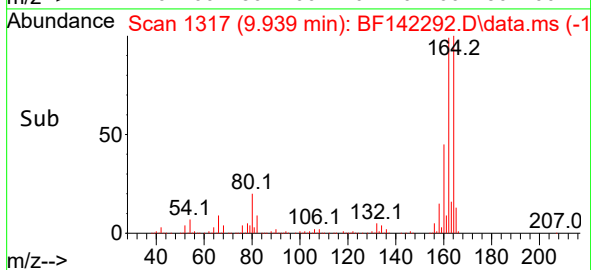
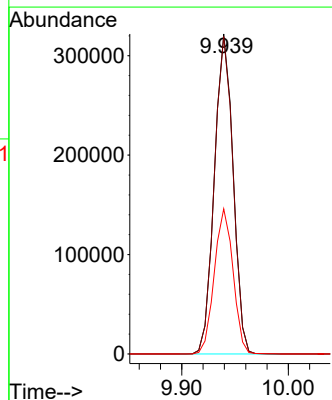
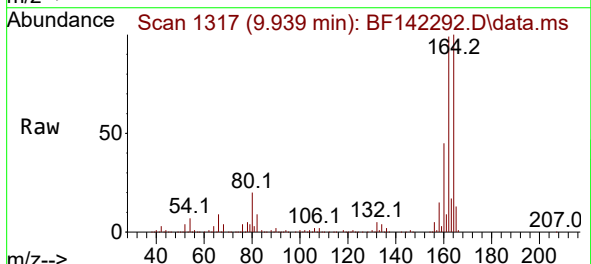
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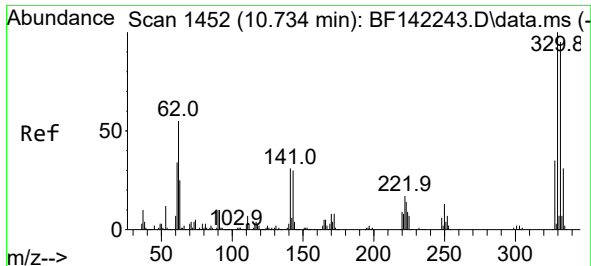
Tgt Ion:122 Resp: 165
Ion Ratio Lower Upper
122 100
105 0.0 98.2 138.2#
77 0.0 66.8 106.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.012 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

Tgt Ion:164 Resp: 392166
Ion Ratio Lower Upper
164 100
162 99.2 78.6 117.8
160 45.4 35.7 53.5

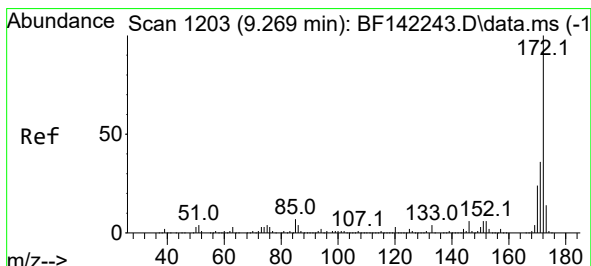
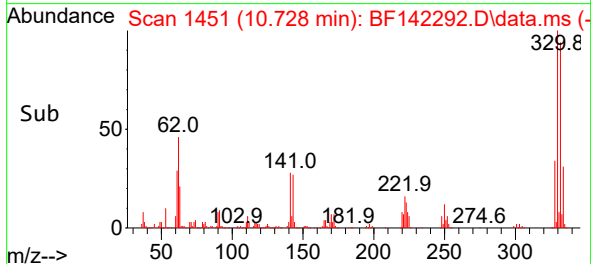
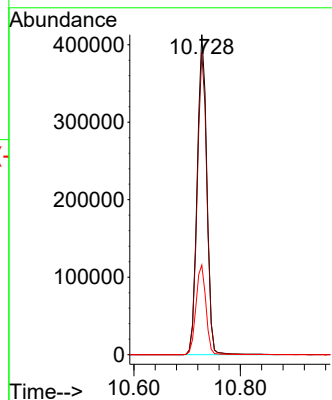
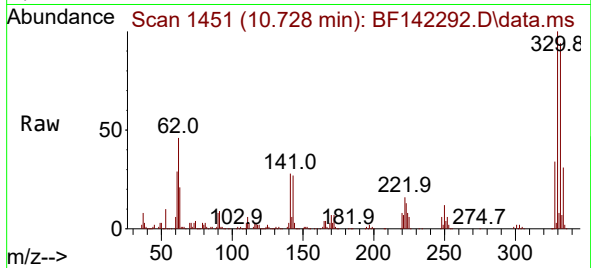




#42
2,4,6-Tribromophenol
Concen: 145.559 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

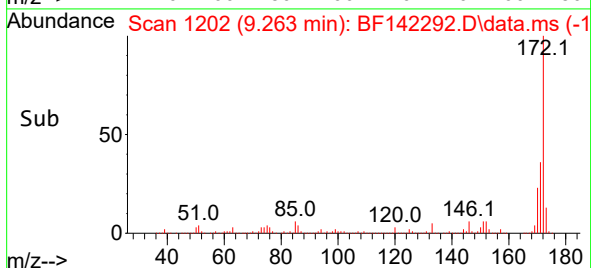
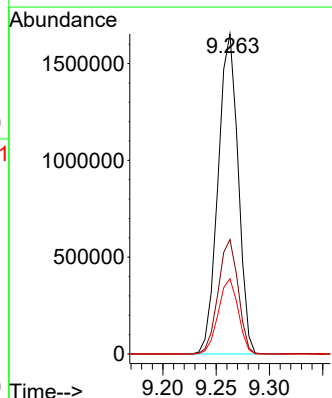
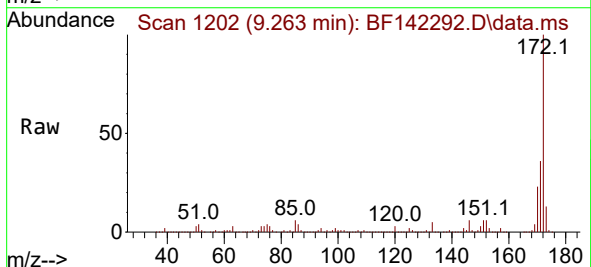
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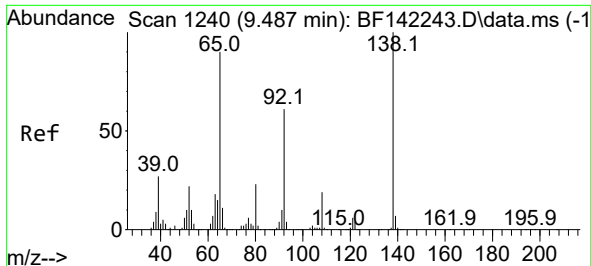
Tgt Ion:330 Resp: 520394
Ion Ratio Lower Upper
330 100
332 94.7 76.5 114.7
141 28.9 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 77.723 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

Tgt Ion:172 Resp: 2161768
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.5 19.4 29.0

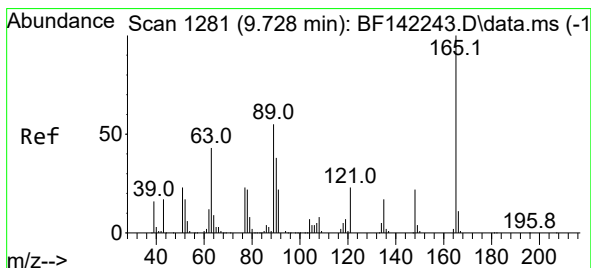
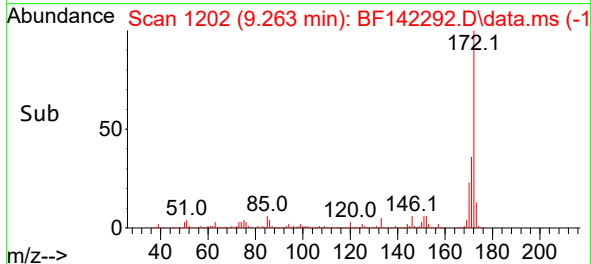
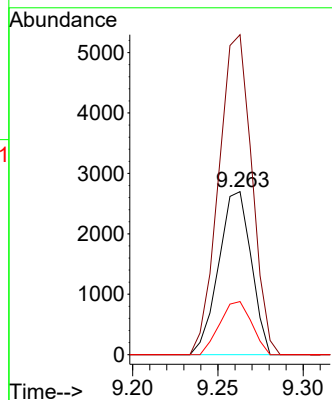
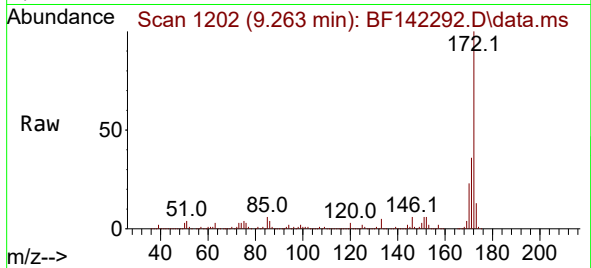




#48
2-Nitroaniline
Concen: 5.308 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

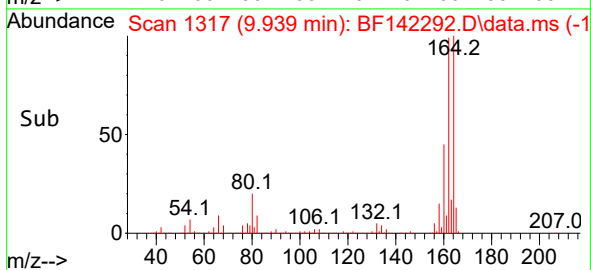
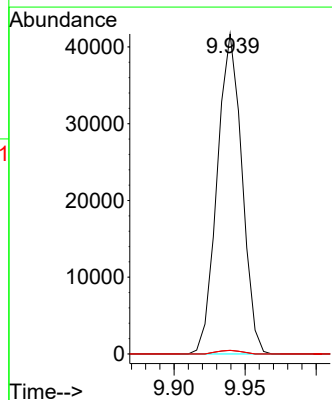
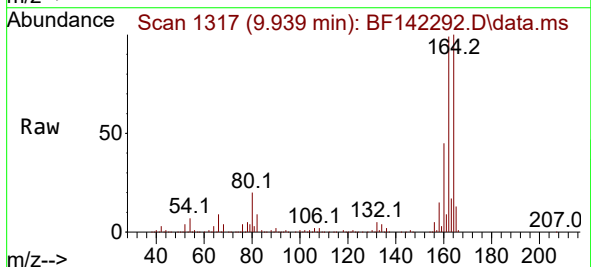
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BNA_F
ClientSampleId :
MH-S

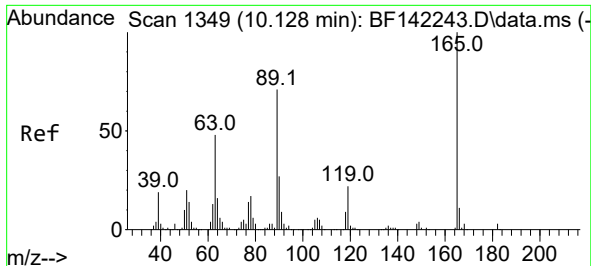
Tgt Ion: 65 Resp: 3584
Ion Ratio Lower Upper
65 100
92 196.3 54.3 81.5#
138 32.5 88.6 133.0#



#51
2,6-Dinitrotoluene
Concen: 13.646 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.211 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

Tgt Ion: 165 Resp: 50536
Ion Ratio Lower Upper
165 100
63 1.1 48.5 72.7#
89 1.1 43.9 65.9#

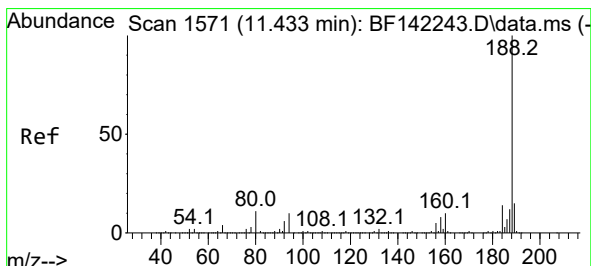
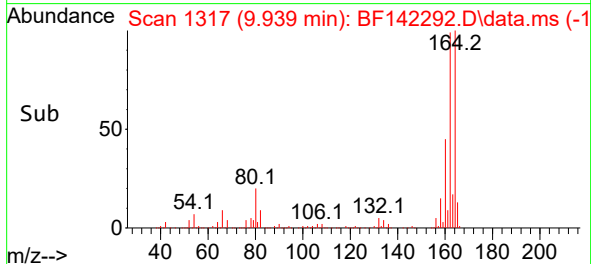
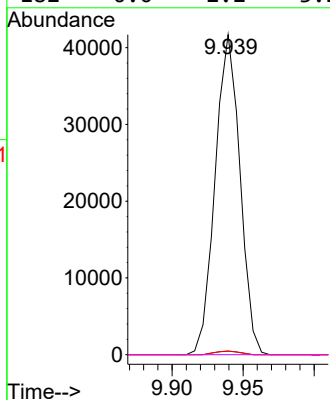
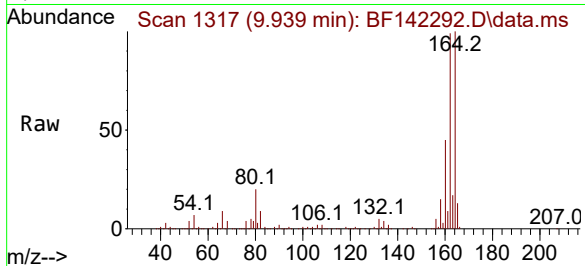




#57
2,4-Dinitrotoluene
Concen: 12.794 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

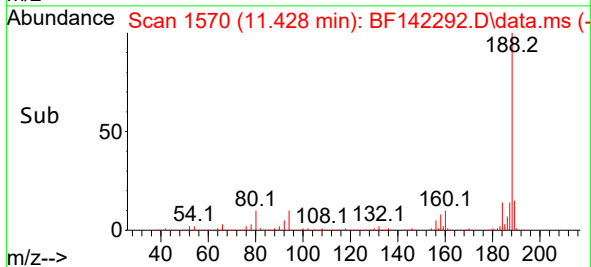
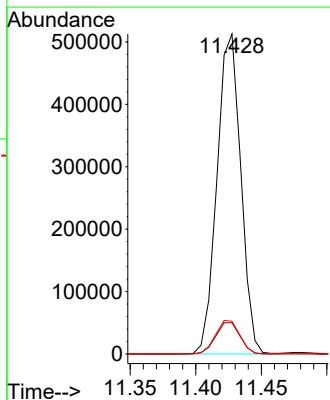
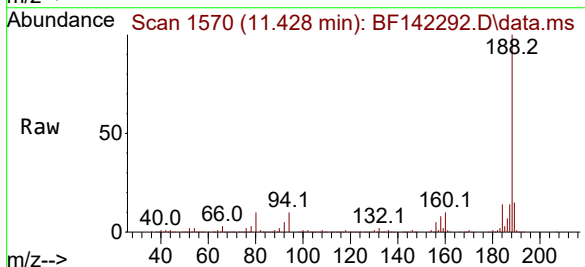
Instrument :
BNA_F
ClientSampleId :
MH-S

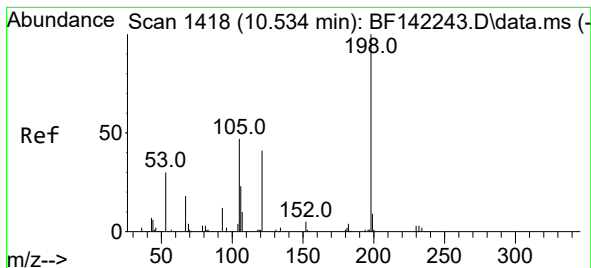
Tgt Ion:165 Resp: 50536
Ion Ratio Lower Upper
165 100
63 1.1 38.8 58.2#
89 1.1 57.1 85.7#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

Tgt Ion:188 Resp: 647640
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 10.2 8.6 12.8

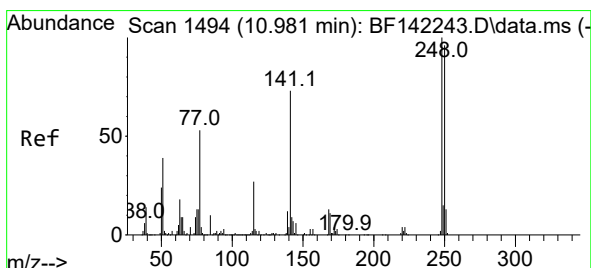
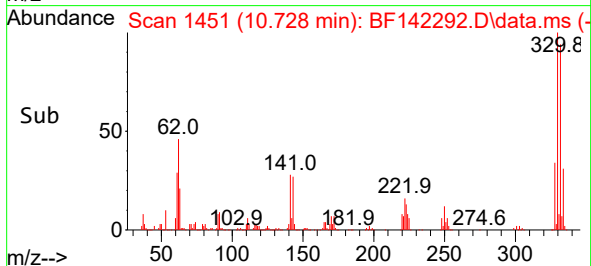
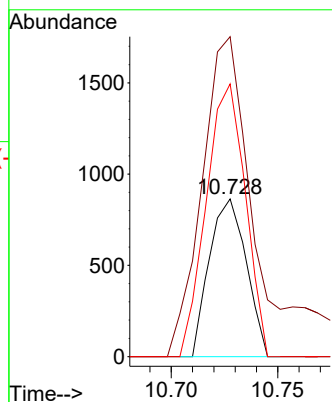
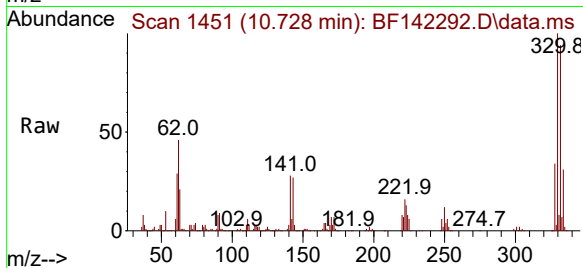




#65
4,6-Dinitro-2-methylphenol
Concen: 10.991 ng
RT: 10.728 min Scan# 1418
Delta R.T. 0.194 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

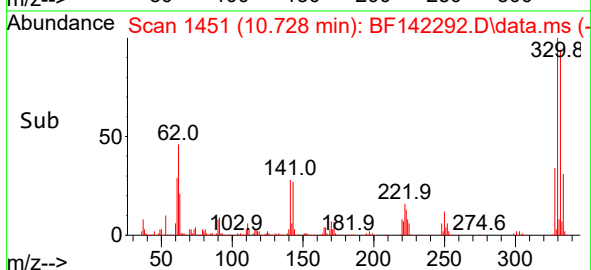
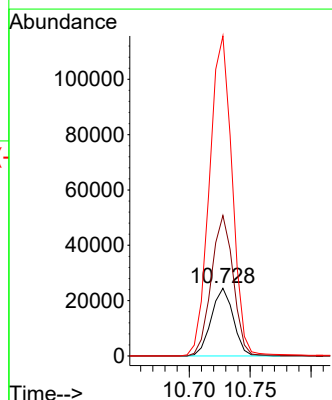
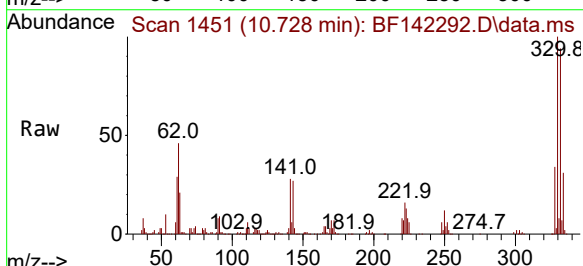
Instrument :
BNA_F
ClientSampleId :
MH-S

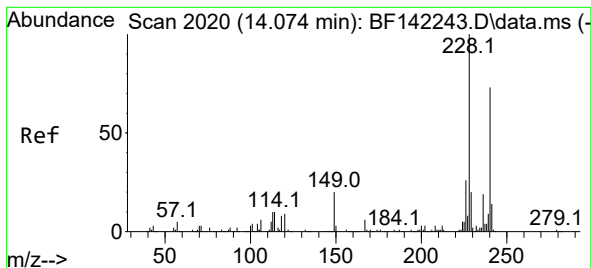
Tgt Ion:198 Resp: 1040
Ion Ratio Lower Upper
198 100
51 202.9 40.6 80.6#
105 172.9 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 4.271 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.253 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

Tgt Ion:248 Resp: 30803
Ion Ratio Lower Upper
248 100
250 207.8 77.2 115.8#
141 473.3 58.4 87.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142292.D

Acq: 02 May 2025 20:42

Instrument :

BNA_F

ClientSampleId :

MH-S

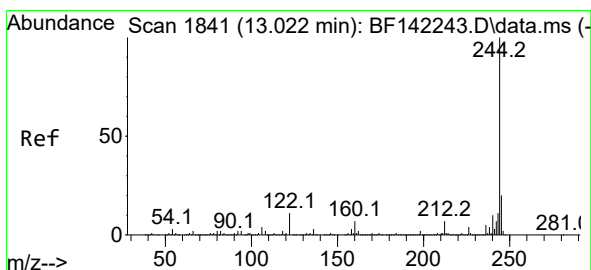
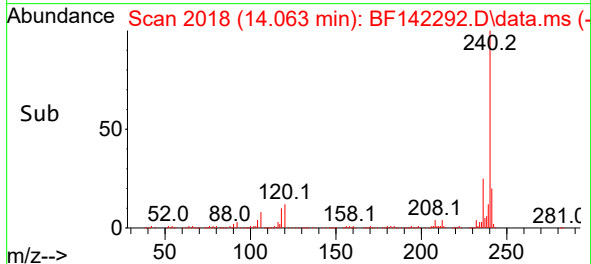
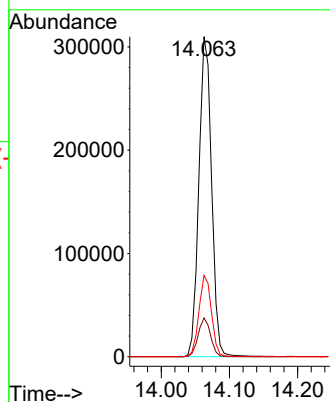
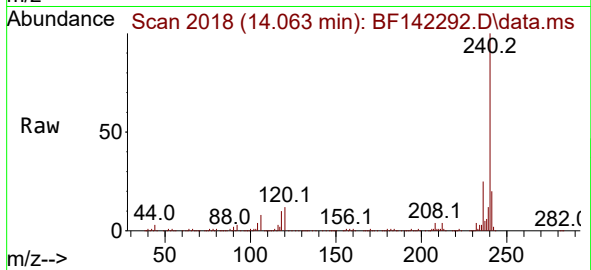
Tgt Ion:240 Resp: 400579

Ion Ratio Lower Upper

240 100

120 12.1 10.1 15.1

236 25.4 20.5 30.7



#79

Terphenyl-d14

Concen: 79.431 ng

RT: 13.016 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142292.D

Acq: 02 May 2025 20:42

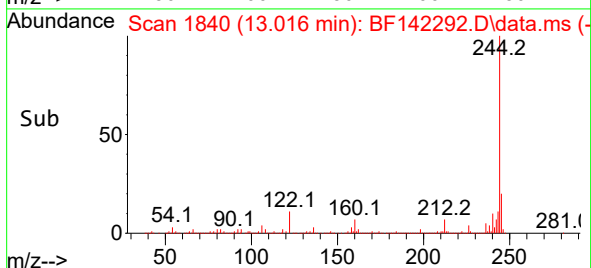
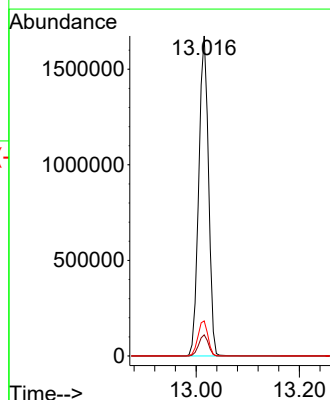
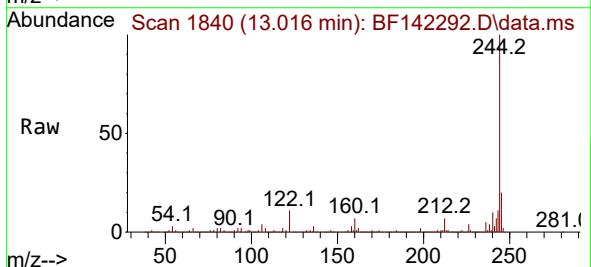
Tgt Ion:244 Resp: 2187734

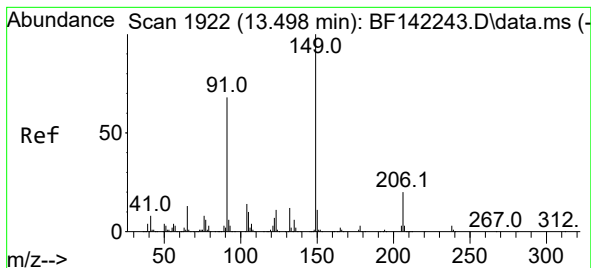
Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 11.0 9.1 13.7





#80

Butylbenzylphthalate

Concen: 3.735 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.012 min

Lab File: BF142292.D

Acq: 02 May 2025 20:42

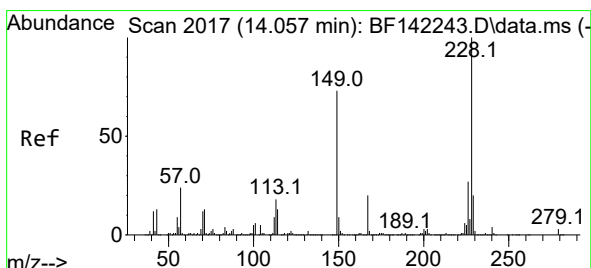
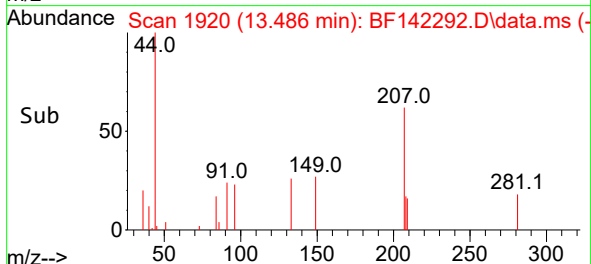
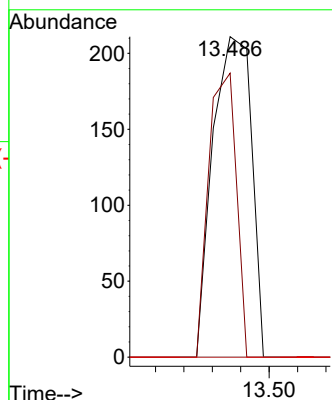
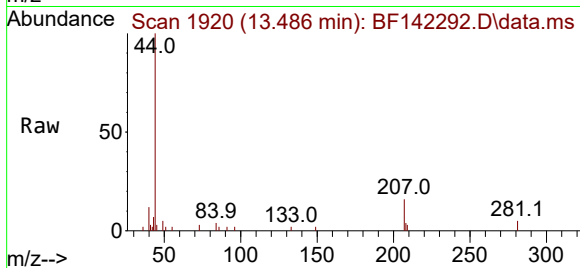
Instrument :

BNA_F

ClientSampleId :

MH-S

Tgt Ion:149	Resp:	199
Ion	Ratio	Lower Upper
149	100	
91	88.6	54.4 81.6#
206	0.0	15.9 23.9#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.492 ng

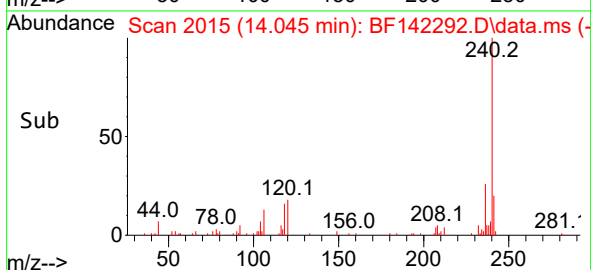
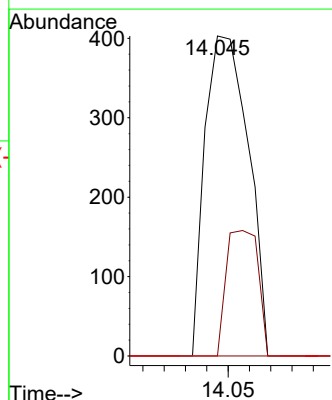
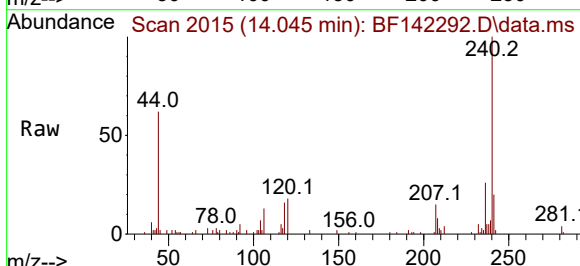
RT: 14.045 min Scan# 2015

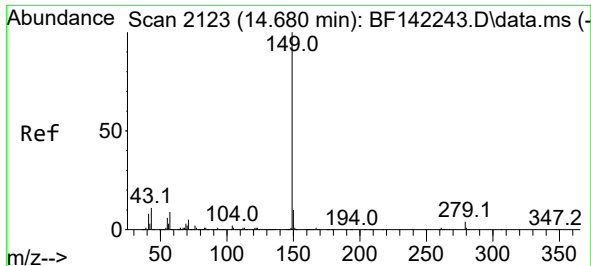
Delta R.T. -0.012 min

Lab File: BF142292.D

Acq: 02 May 2025 20:42

Tgt Ion:149	Resp:	570
Ion	Ratio	Lower Upper
149	100	
167	0.0	21.7 32.5#
279	0.0	3.0 4.4#

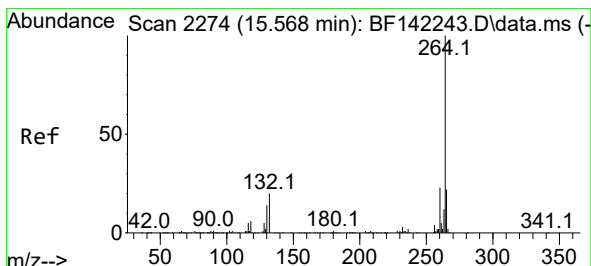
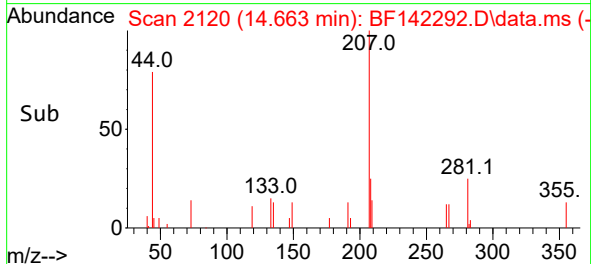
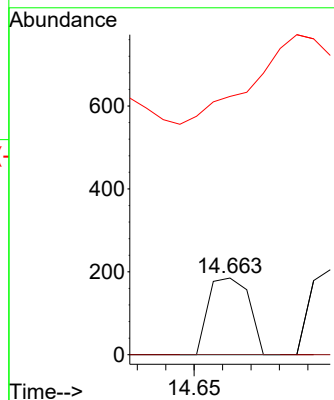
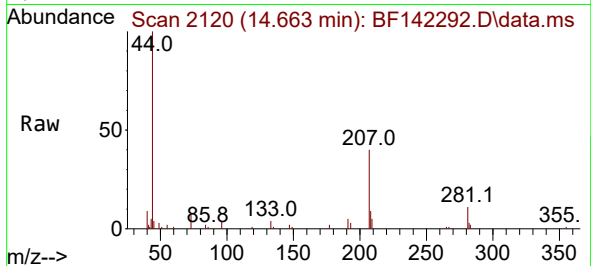




#85
Di-n-octyl phthalate
Concen: 6.074 ng
RT: 14.663 min Scan# 2123
Delta R.T. -0.017 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

Instrument :
BNA_F
ClientSampleId :
MH-S

Tgt Ion:149 Resp: 183
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 0.0 9.3 13.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.018 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

Tgt Ion:264 Resp: 292964
Ion Ratio Lower Upper
264 100
260 22.9 18.4 27.6
265 21.2 17.3 25.9

