

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142422.D
 Acq On : 16 May 2025 12:40
 Operator : RC/JU
 Sample : PB167943TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167943TB

Quant Time: May 16 13:15:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

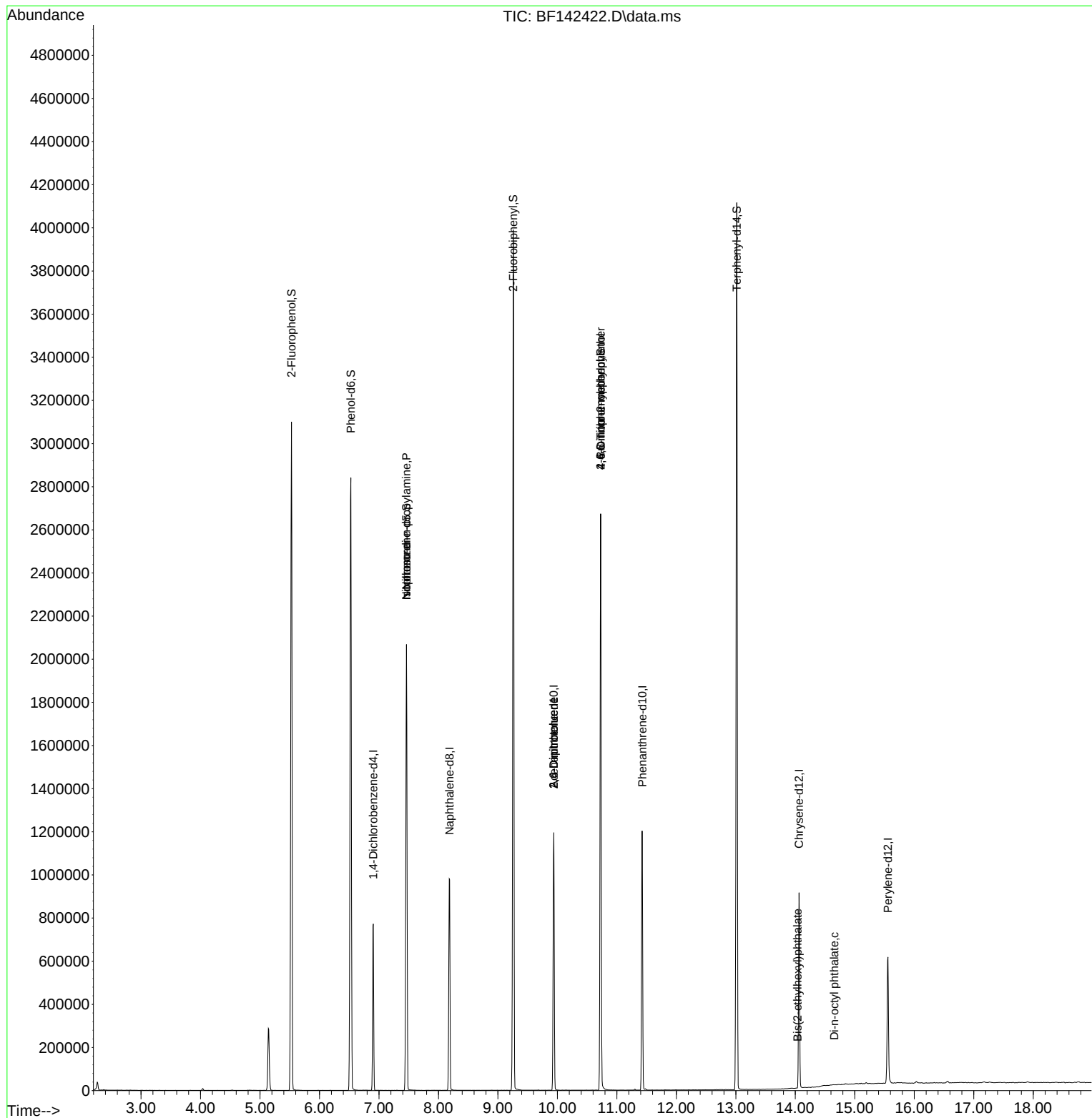
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	173476	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	667557	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	364047	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	651928	20.000	ng	0.00
76) Chrysene-d12	14.063	240	441188	20.000	ng	0.00
86) Perylene-d12	15.557	264	353480	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1268292	124.805	ng	0.02
7) Phenol-d6	6.528	99	1540263	123.234	ng	0.00
23) Nitrobenzene-d5	7.463	82	945029	86.337	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	514724	146.445	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1906527	74.674	ng	0.00
79) Terphenyl-d14	13.016	244	2170288	72.809	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	128963	16.681	ng	# 76
25) Isophorone	7.463	82	917750	44.277	ng	# 62
51) 2,6-Dinitrotoluene	9.939	165	47483	10.852	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	47483	8.460	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	699	7.381	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	31061	4.204	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.039	149	201	4.249	ng	# 52
85) Di-n-octyl phthalate	14.657	149	242	7.847	ng	# 47

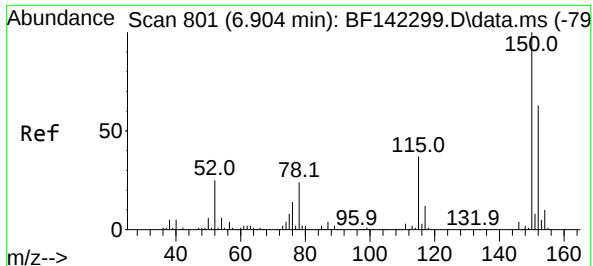
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
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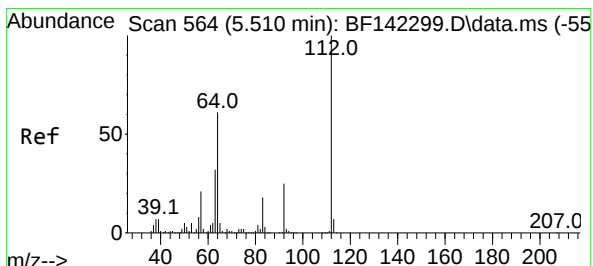
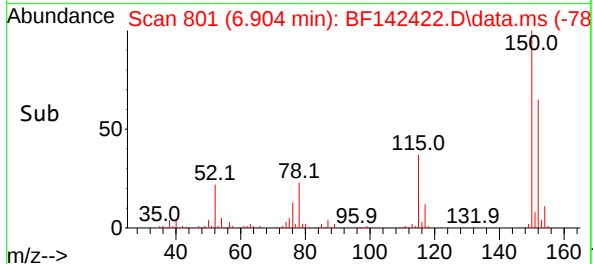
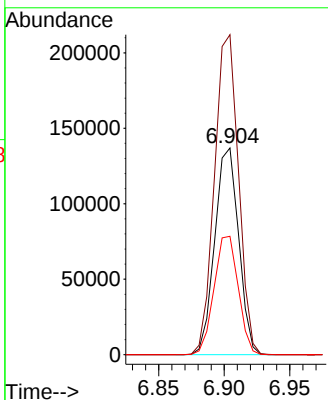
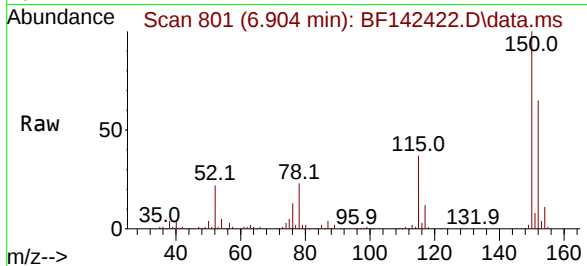




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

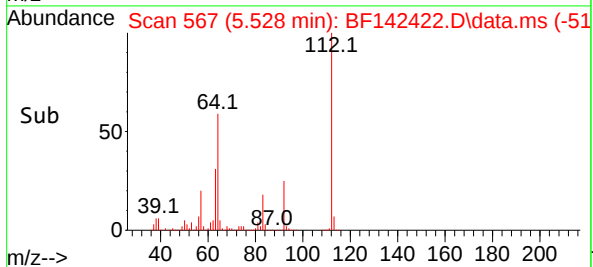
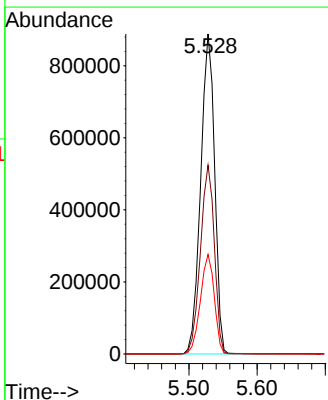
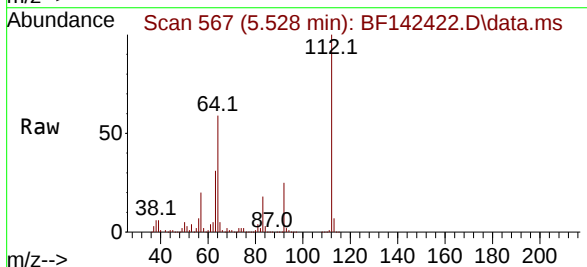
Instrument :
BNA_F
ClientSampleId :
PB167943TB

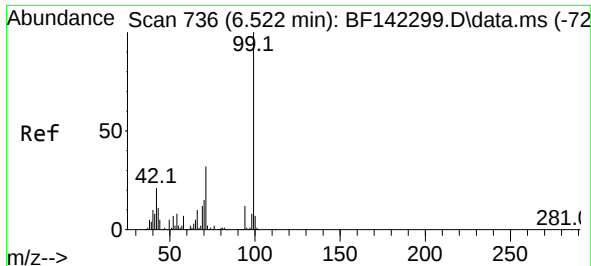
Tgt Ion:152 Resp: 173476
Ion Ratio Lower Upper
152 100
150 154.8 126.6 190.0
115 57.3 47.3 70.9



#5
2-Fluorophenol
Concen: 124.805 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion:112 Resp: 1268292
Ion Ratio Lower Upper
112 100
64 59.0 48.9 73.3
63 31.1 25.6 38.4

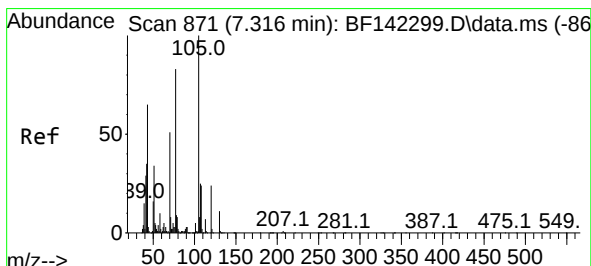
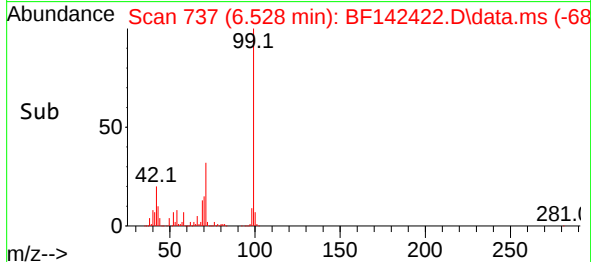
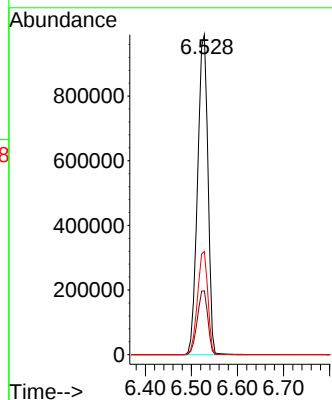
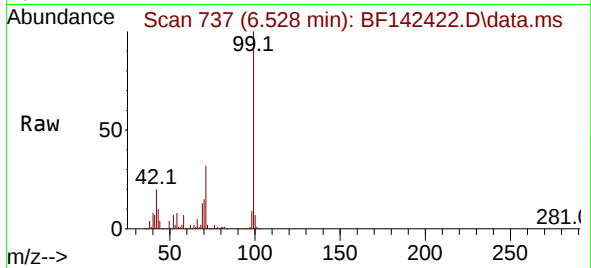




#7
Phenol-d6
Concen: 123.234 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

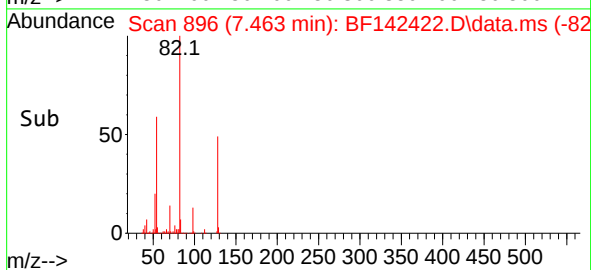
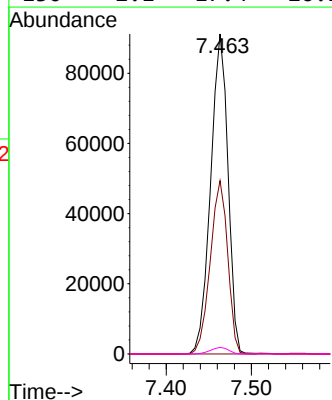
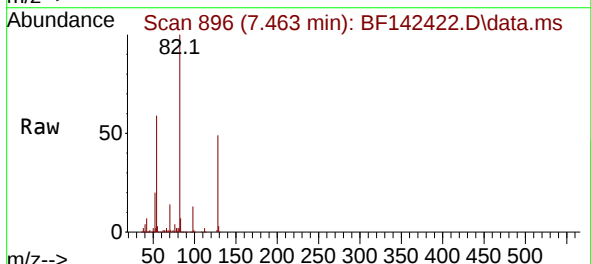
Instrument :
BNA_F
ClientSampleId :
PB167943TB

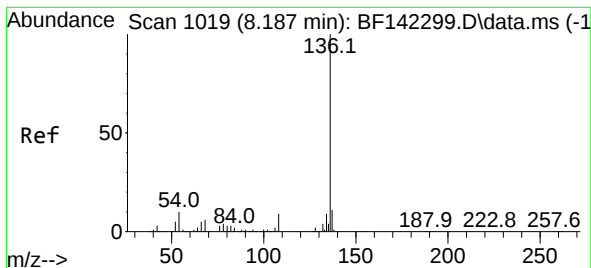
Tgt Ion: 99 Resp: 1540263
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.4
71 32.2 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.681 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion: 70 Resp: 128963
Ion Ratio Lower Upper
70 100
42 54.2 54.8 82.2#
101 0.0 7.7 11.5#
130 2.1 17.4 26.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142422.D

Acq: 16 May 2025 12:40

Instrument :

BNA_F

ClientSampleId :

PB167943TB

Tgt Ion:136 Resp: 667557

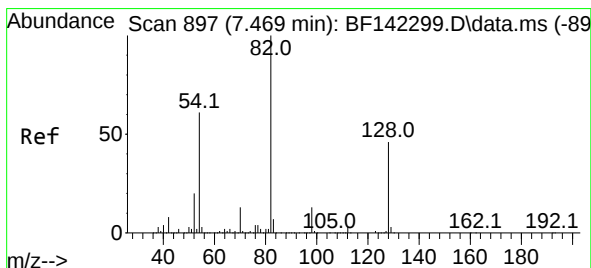
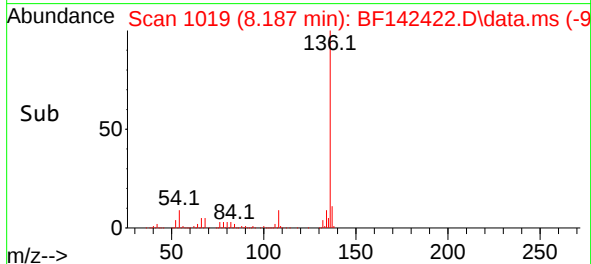
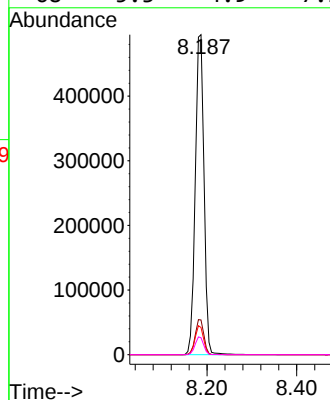
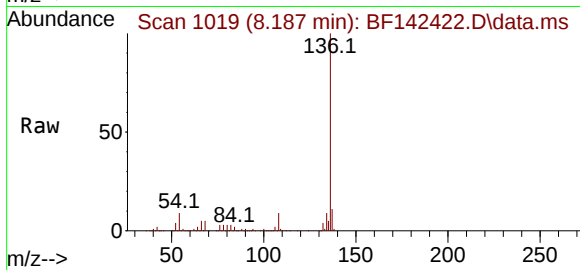
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.5 7.7 11.5

68 5.3 4.9 7.3



#23

Nitrobenzene-d5

Concen: 86.337 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF142422.D

Acq: 16 May 2025 12:40

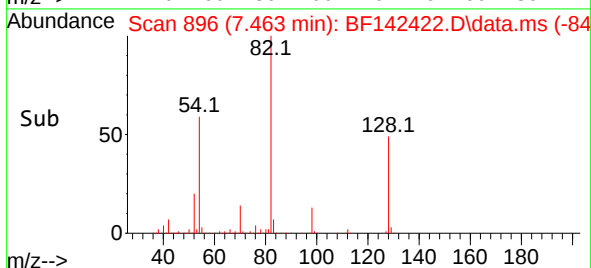
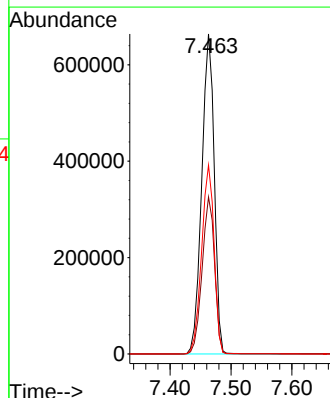
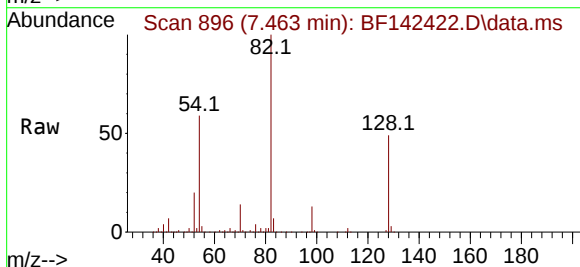
Tgt Ion: 82 Resp: 945029

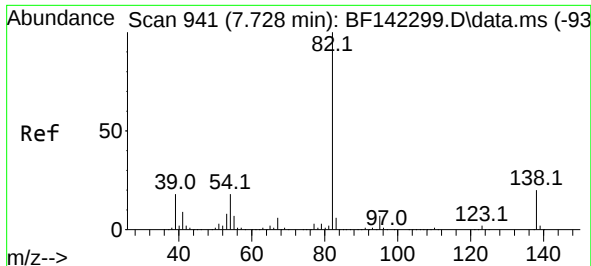
Ion Ratio Lower Upper

82 100

128 49.0 37.0 55.6

54 59.0 48.6 73.0

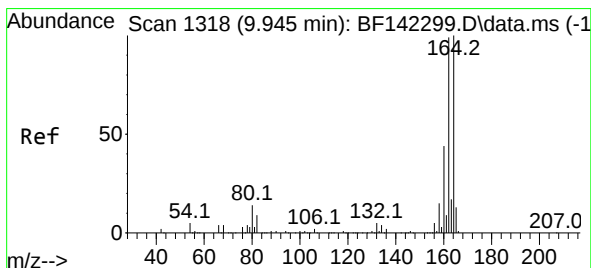
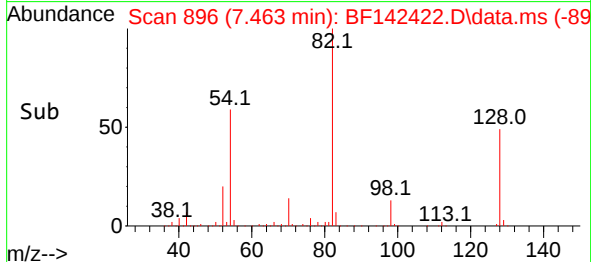
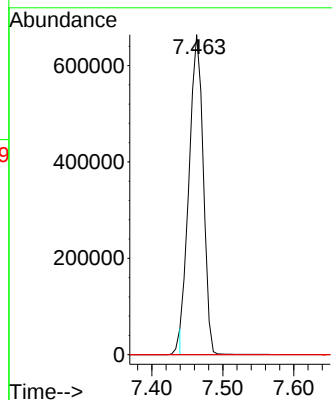
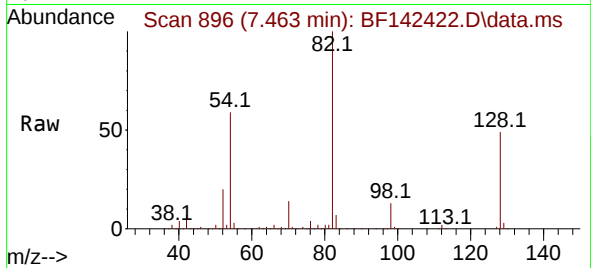




#25
Isophorone
Concen: 44.277 ng
RT: 7.463 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

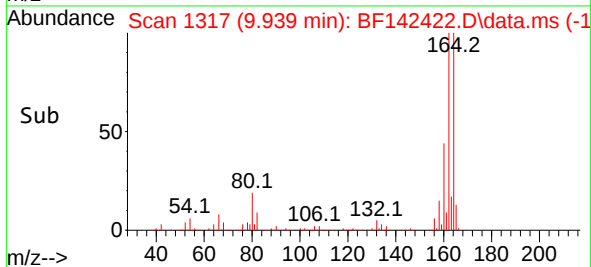
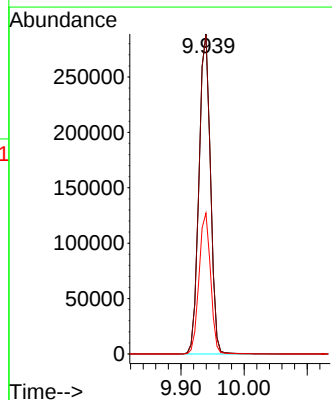
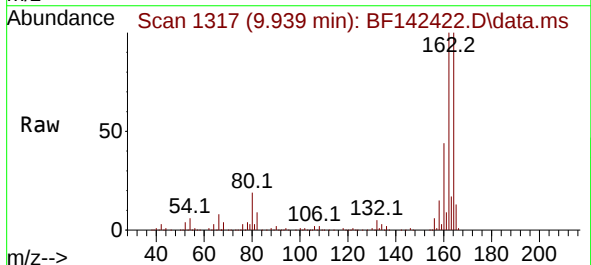
Instrument :
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ClientSampleId :
PB167943TB

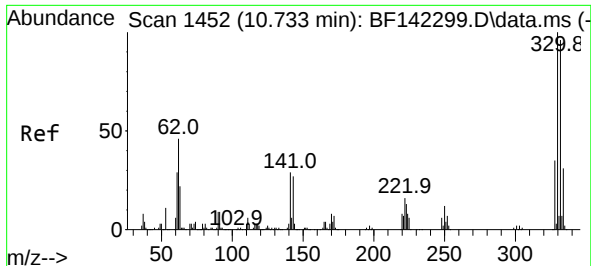
Tgt Ion: 82 Resp: 917750
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion:164 Resp: 364047
Ion Ratio Lower Upper
164 100
162 99.7 79.2 118.8
160 44.0 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 146.445 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142422.D

Acq: 16 May 2025 12:40

Instrument :

BNA_F

ClientSampleId :

PB167943TB

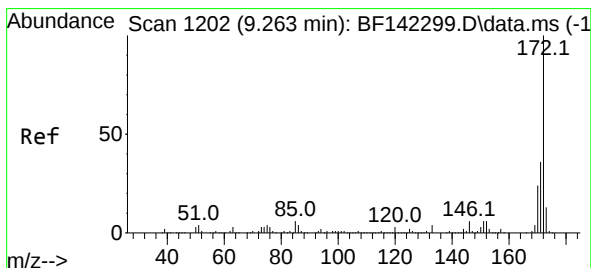
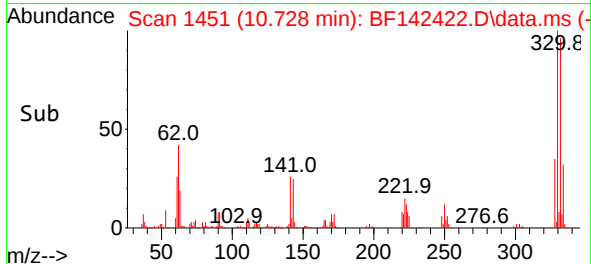
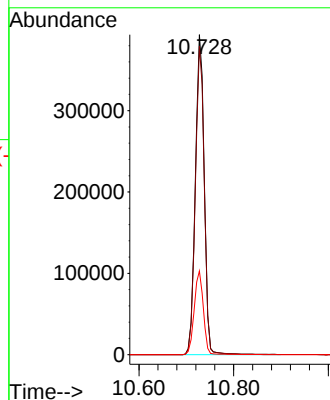
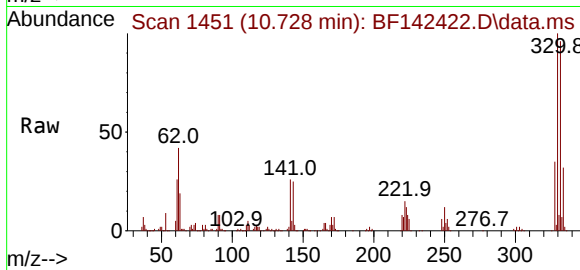
Tgt Ion:330 Resp: 514724

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

141 26.8 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 74.674 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142422.D

Acq: 16 May 2025 12:40

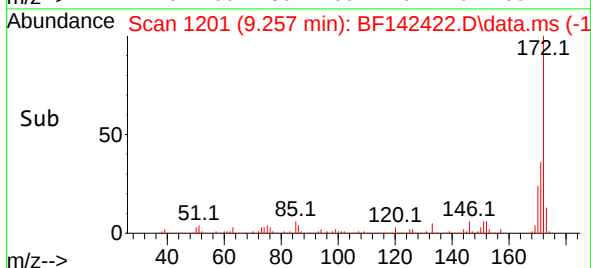
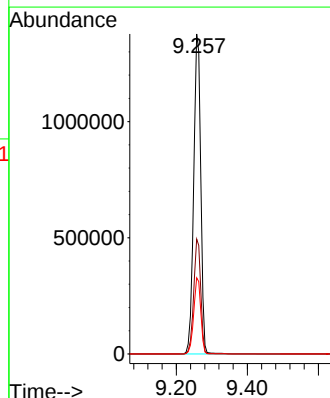
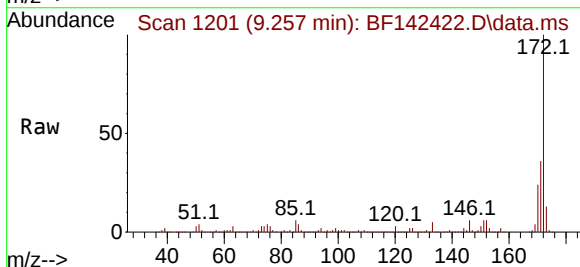
Tgt Ion:172 Resp: 1906527

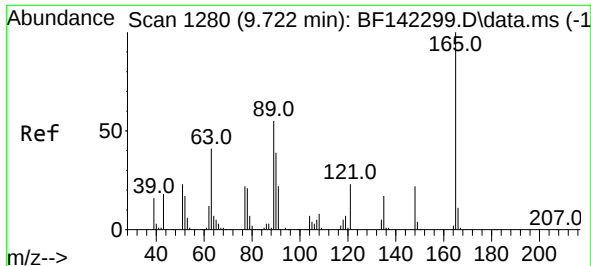
Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

170 23.8 19.0 28.4

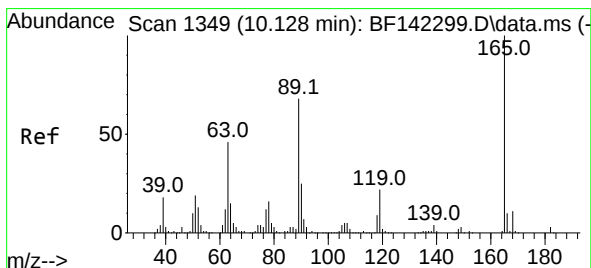
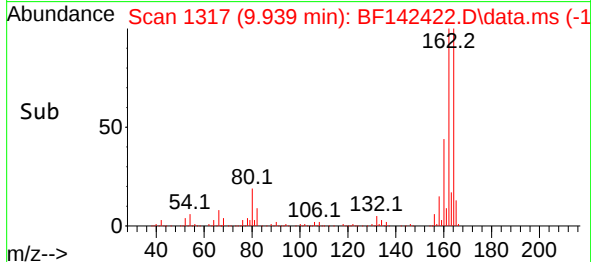
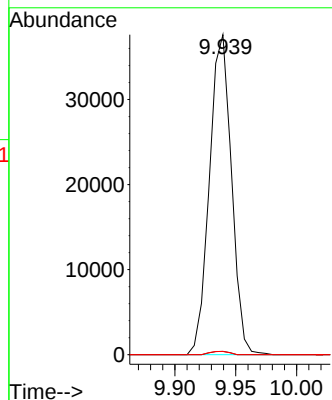
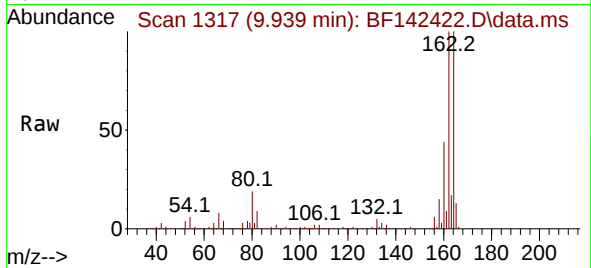




#51
2,6-Dinitrotoluene
Concen: 10.852 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

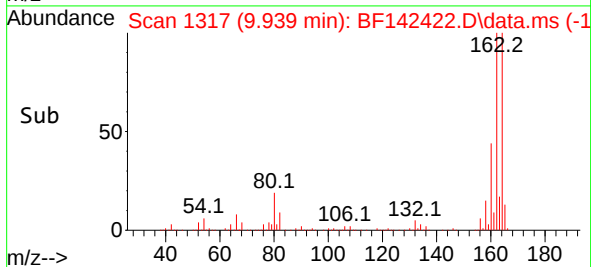
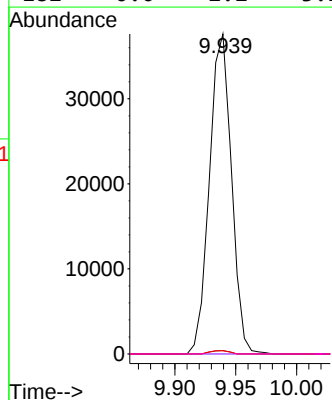
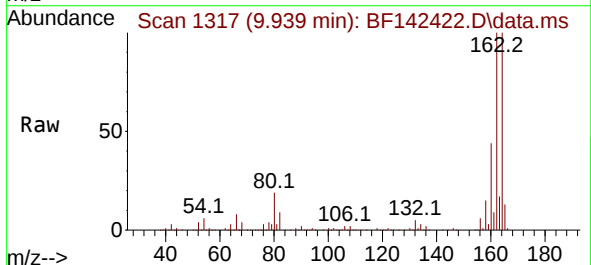
Instrument :
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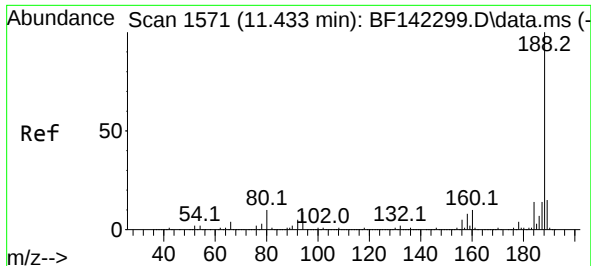
Tgt Ion:165 Resp: 47483
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 1.0 44.6 66.8#



#57
2,4-Dinitrotoluene
Concen: 8.460 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion:165 Resp: 47483
Ion Ratio Lower Upper
165 100
63 1.0 37.1 55.7#
89 1.0 54.4 81.6#
182 0.0 2.2 3.2#

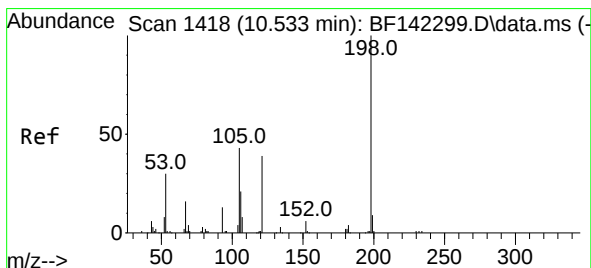
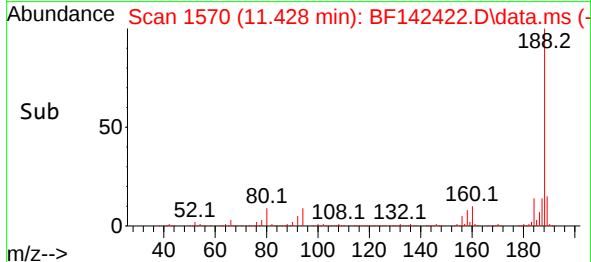
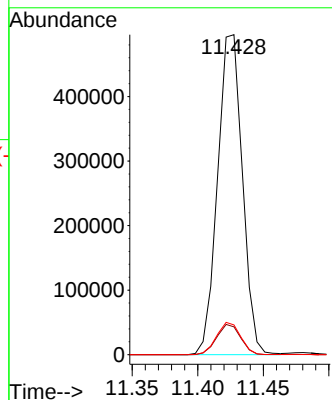
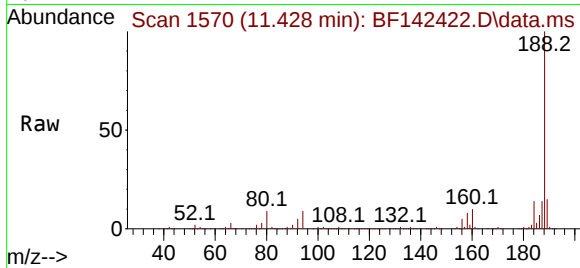




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

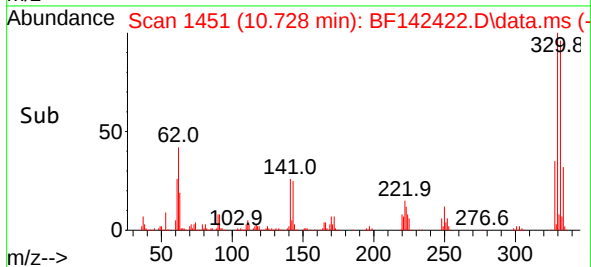
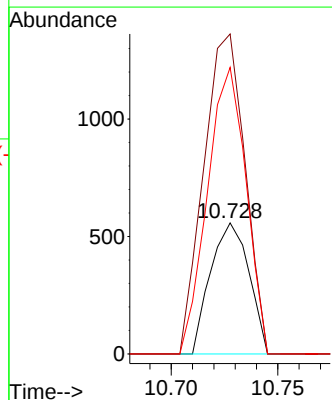
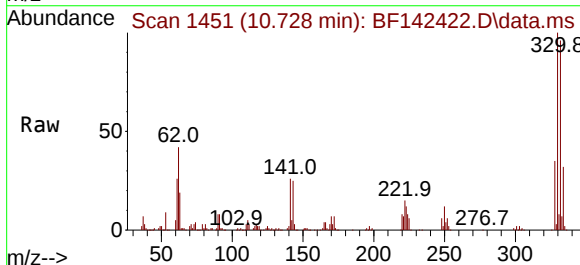
Instrument :
BNA_F
ClientSampleId :
PB167943TB

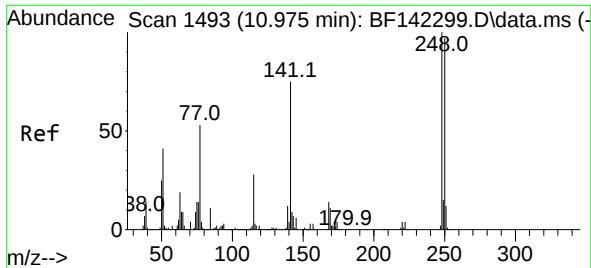
Tgt Ion:188 Resp: 651928
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 9.3 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 7.381 ng
RT: 10.728 min Scan# 1451
Delta R.T. 0.195 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion:198 Resp: 699
Ion Ratio Lower Upper
198 100
51 244.1 32.9 72.9#
105 218.6 23.7 63.7#

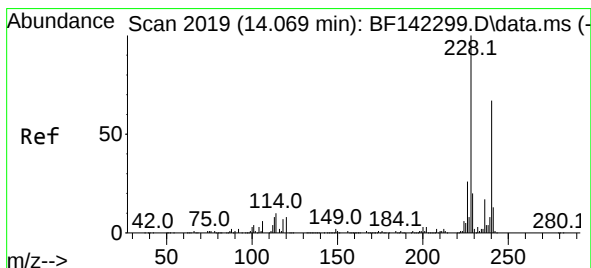
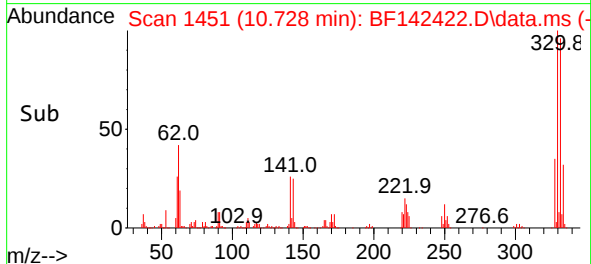
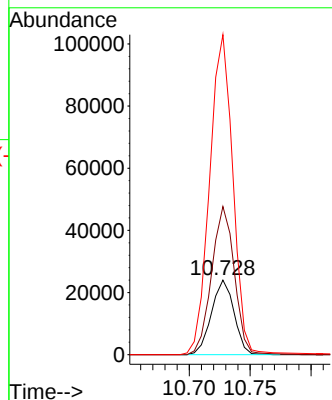
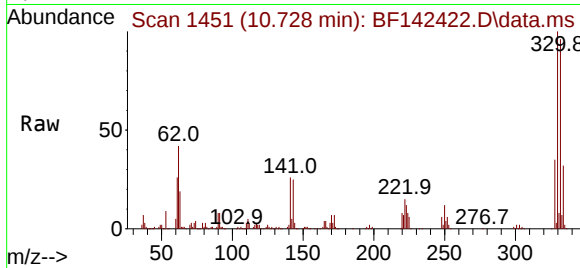




#67
4-Bromophenyl-phenylether
Concen: 4.204 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

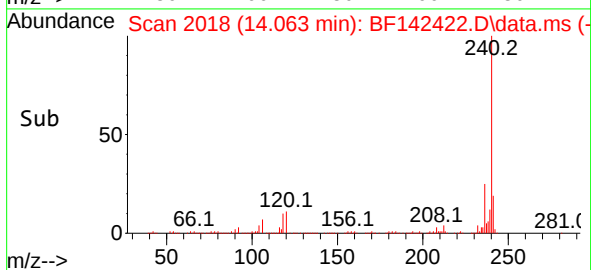
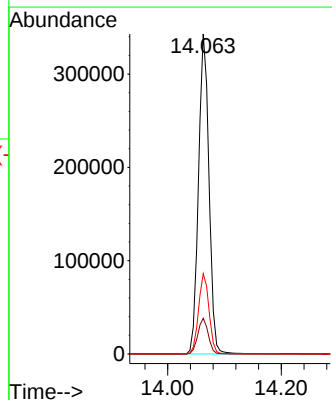
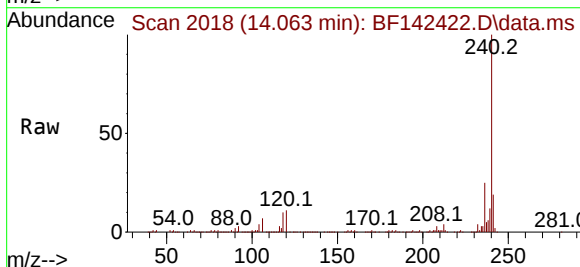
Instrument :
BNA_F
ClientSampleId :
PB167943TB

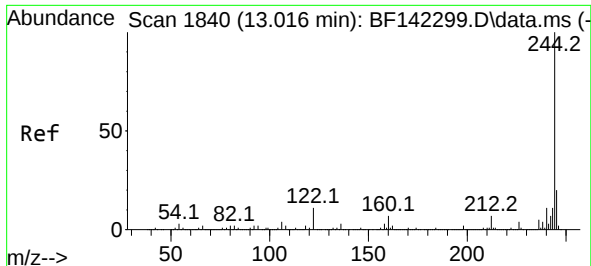
Tgt Ion:248 Resp: 31061
Ion Ratio Lower Upper
248 100
250 198.7 77.9 116.9#
141 428.9 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion:240 Resp: 441188
Ion Ratio Lower Upper
240 100
120 11.2 9.7 14.5
236 25.1 20.0 30.0

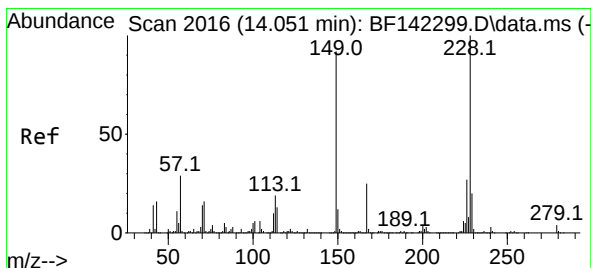
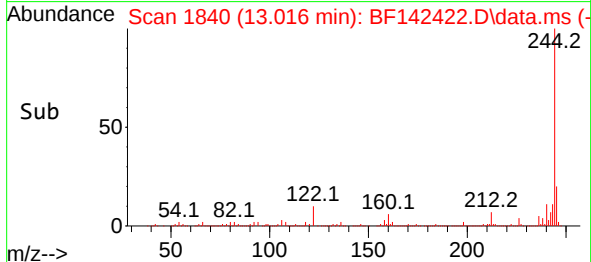
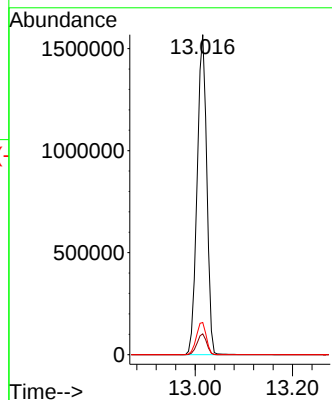
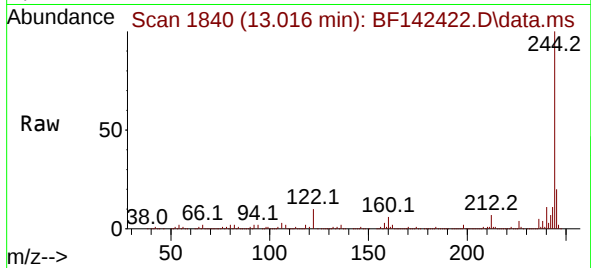




#79
 Terphenyl-d14
 Concen: 72.809 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF142422.D
 Acq: 16 May 2025 12:40

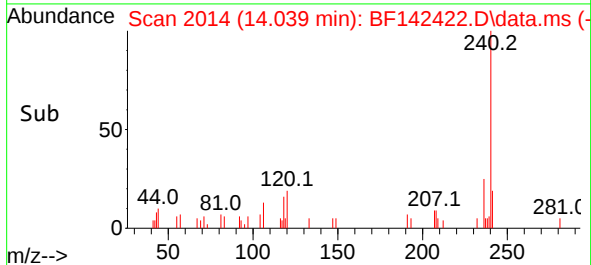
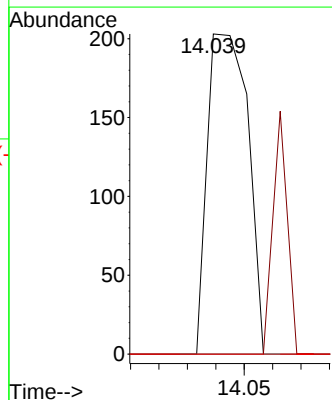
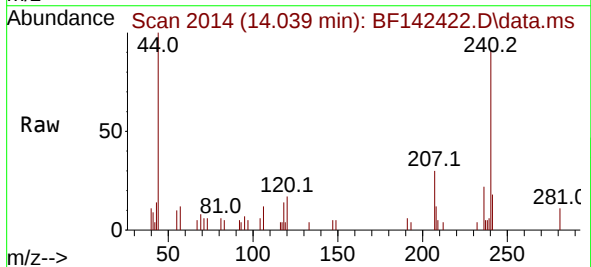
Instrument :
 BNA_F
 ClientSampleId :
 PB167943TB

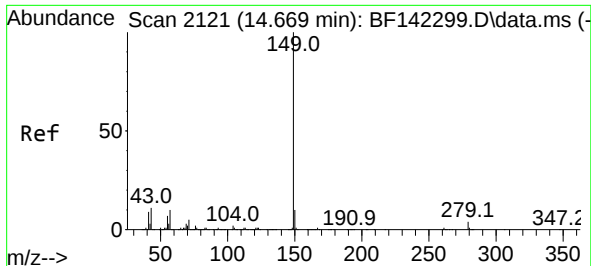
Tgt Ion:244 Resp: 2170288
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.0 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.249 ng
 RT: 14.039 min Scan# 2014
 Delta R.T. -0.012 min
 Lab File: BF142422.D
 Acq: 16 May 2025 12:40

Tgt Ion:149 Resp: 201
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.0 33.0#
 279 0.0 3.0 4.6#

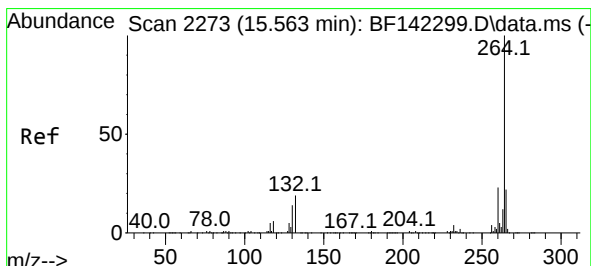
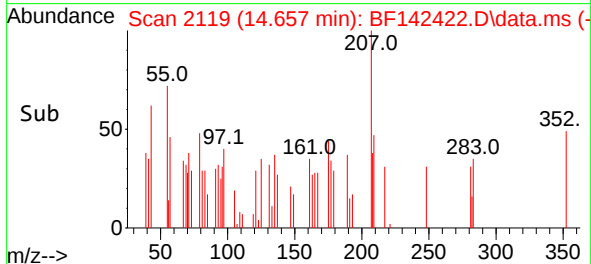
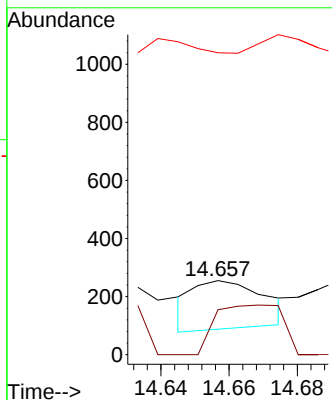
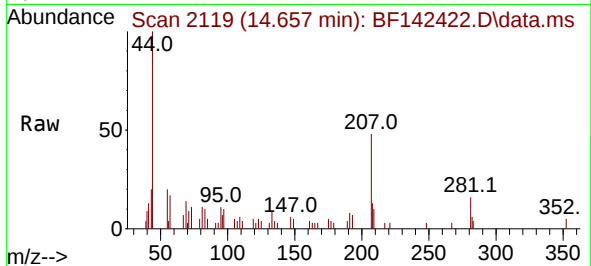




#85
Di-n-octyl phthalate
Concen: 7.847 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.012 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Instrument :
BNA_F
ClientSampleId :
PB167943TB

Tgt Ion:149 Resp: 242
Ion Ratio Lower Upper
149 100
167 96.7 1.1 1.7#
43 0.0 9.2 13.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion:264 Resp: 353480
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 21.3 17.5 26.3

