

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142417.D
 Acq On : 16 May 2025 10:14
 Operator : RC/JU
 Sample : PB168000BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168000BL

Quant Time: May 16 12:00:33 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)

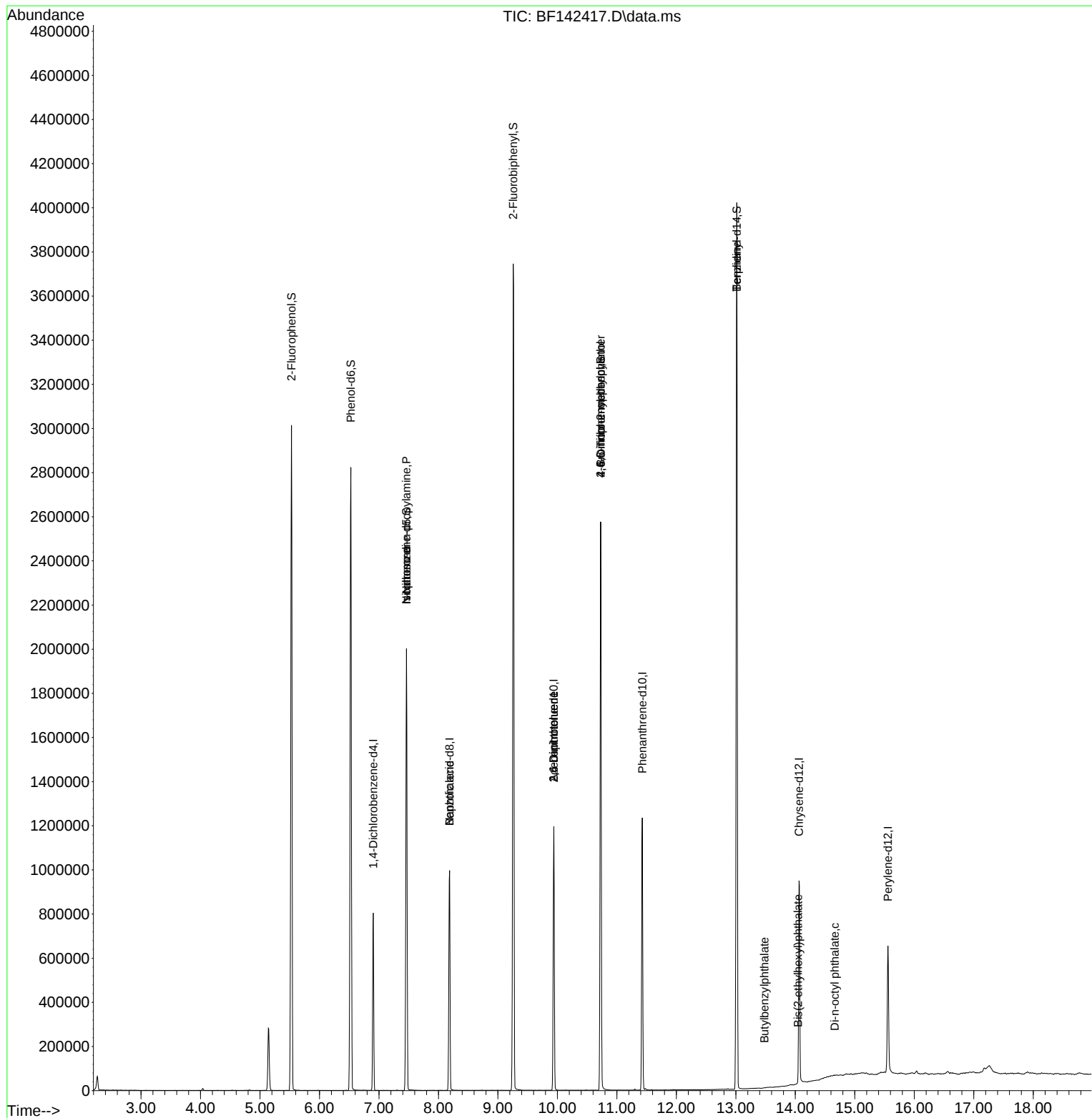
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	173296	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	666655	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	360102	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	640482	20.000	ng	0.00
76) Chrysene-d12	14.063	240	454613	20.000	ng	0.00
86) Perylene-d12	15.557	264	338767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1216066	119.790	ng	0.02
7) Phenol-d6	6.528	99	1482282	118.718	ng	0.00
23) Nitrobenzene-d5	7.463	82	909313	83.186	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	499603	143.700	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1848074	73.177	ng	0.00
79) Terphenyl-d14	13.016	244	2056898	66.967	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.463	70	123437	15.983	ng	# 75
25) Isophorone	7.463	82	886109	42.808	ng	# 62
32) Benzoic acid	8.186	122	53	6.024	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	47570	10.991	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	47570	8.568	ng	# 24
65) 4,6-Dinitro-2-methylph...	10.727	198	921	7.447	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	29646	4.084	ng	# 1
77) Benzidine	13.016	184	25231	3.054	ng	97
80) Butylbenzylphthalate	13.480	149	173	3.673	ng	# 44
84) Bis(2-ethylhexyl)phtha...	14.045	149	415	4.262	ng	# 72
85) Di-n-octyl phthalate	14.662	149	259	7.848	ng	# 73

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

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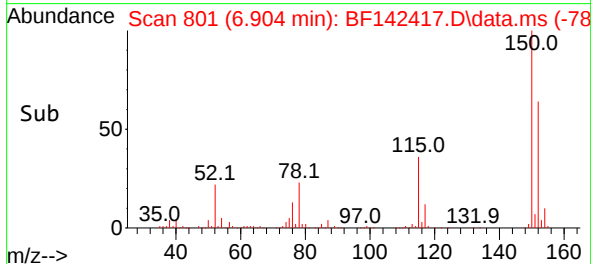
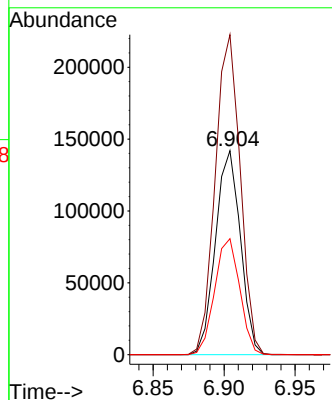
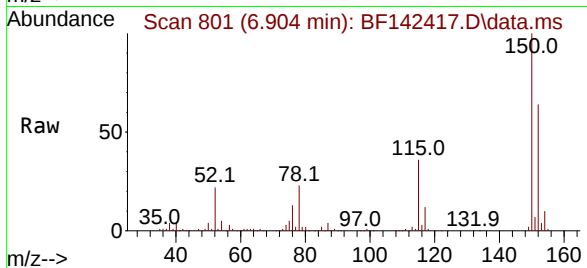




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

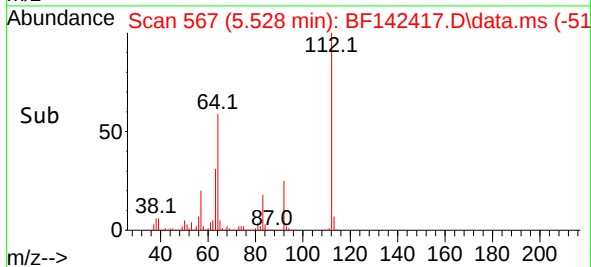
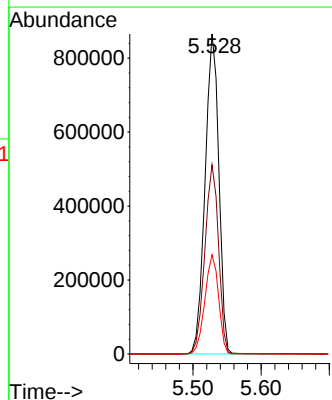
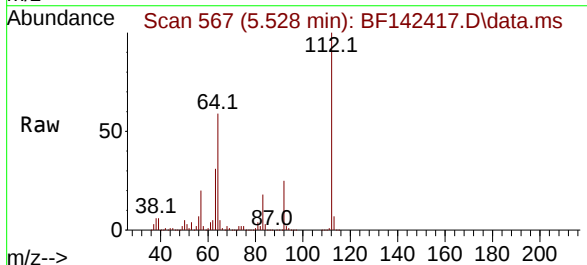
Instrument :
BNA_F
ClientSampleId :
PB168000BL

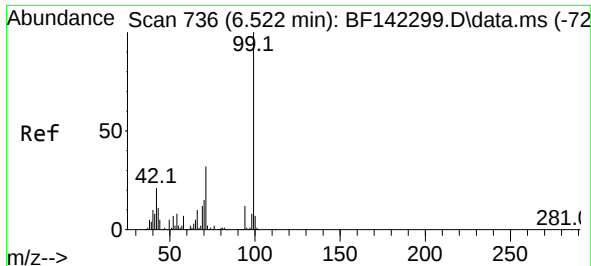
Tgt Ion:152 Resp: 173296
Ion Ratio Lower Upper
152 100
150 156.9 126.6 190.0
115 56.8 47.3 70.9



#5
2-Fluorophenol
Concen: 119.790 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

Tgt Ion:112 Resp: 1216066
Ion Ratio Lower Upper
112 100
64 59.1 48.9 73.3
63 31.0 25.6 38.4



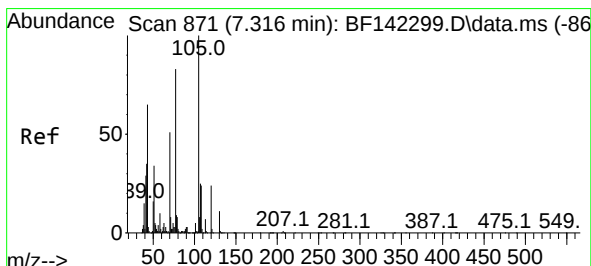
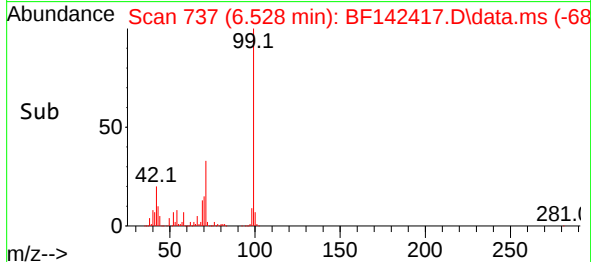
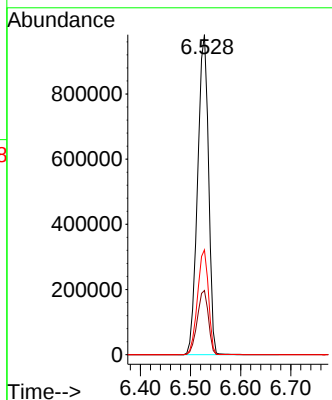
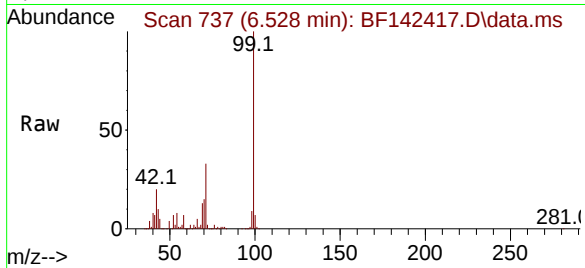


#7
Phenol-d6
Concen: 118.718 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

Instrument :
BNA_F
ClientSampleId :
PB168000BL

Tgt Ion: 99 Resp: 1482282

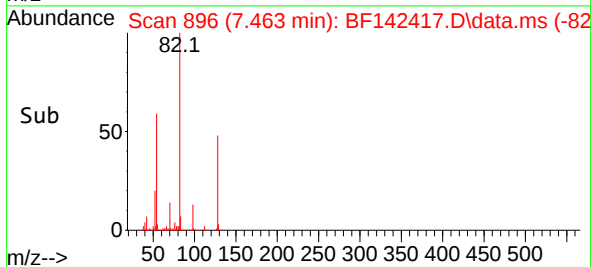
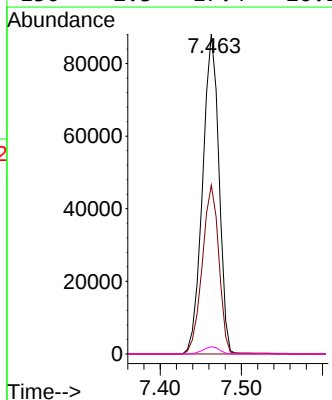
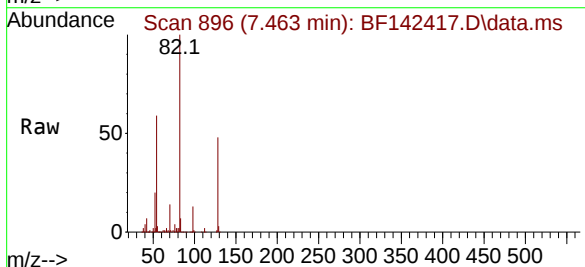
Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.0	25.4
71	32.7	25.8	38.8

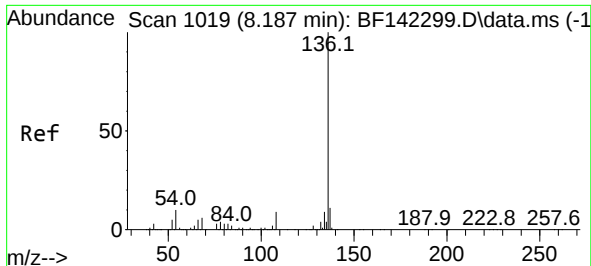


#19
n-Nitroso-di-n-propylamine
Concen: 15.983 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

Tgt Ion: 70 Resp: 123437

Ion	Ratio	Lower	Upper
70	100		
42	52.7	54.8	82.2#
101	0.0	7.7	11.5#
130	2.3	17.4	26.2#

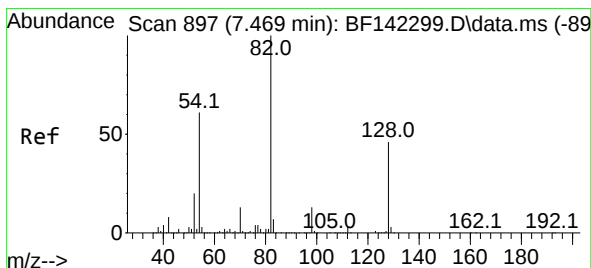
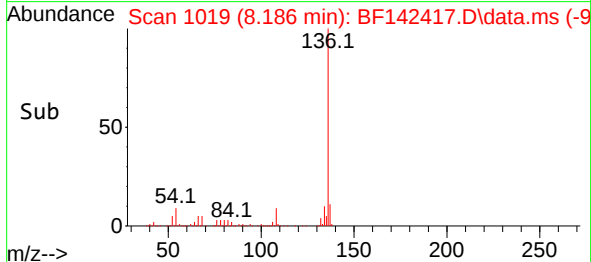
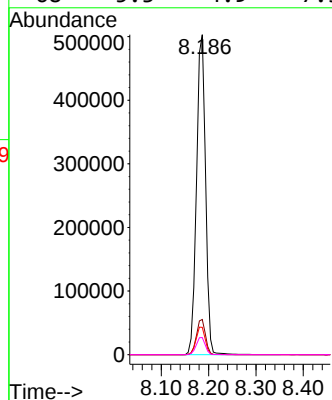
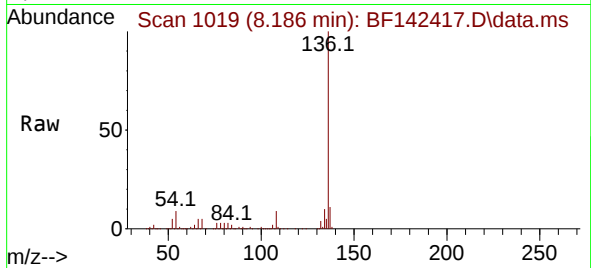




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

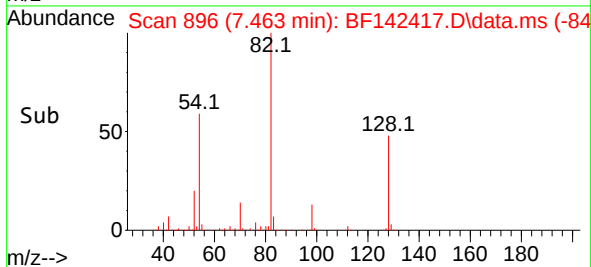
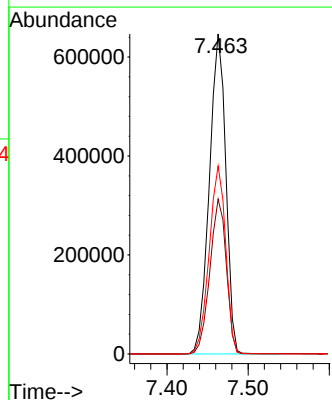
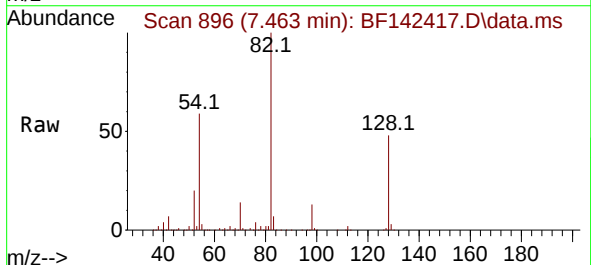
Instrument :
BNA_F
ClientSampleId :
PB168000BL

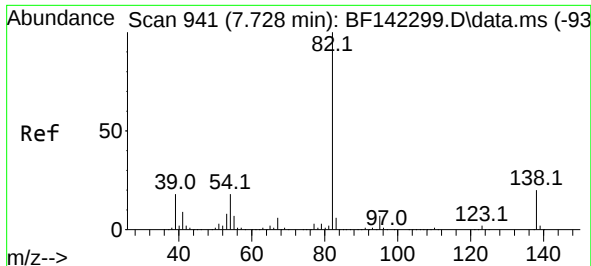
Tgt Ion:	136	Resp:	666655
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.5	7.7	11.5
68	5.3	4.9	7.3



#23
Nitrobenzene-d5
Concen: 83.186 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

Tgt Ion:	82	Resp:	909313
Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.0	55.6
54	58.7	48.6	73.0

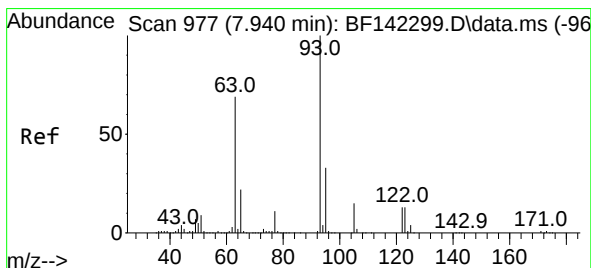
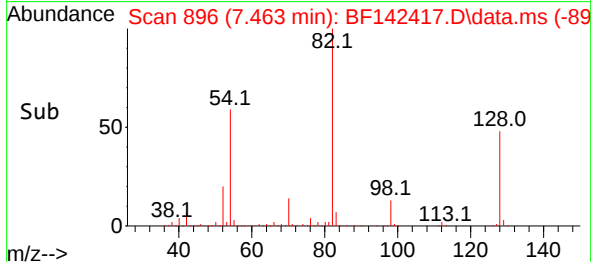
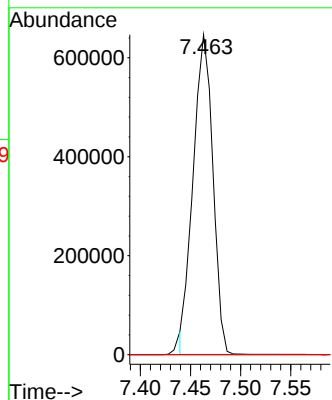
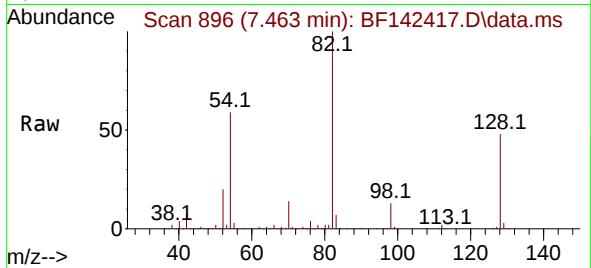




#25
Isophorone
Concen: 42.808 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

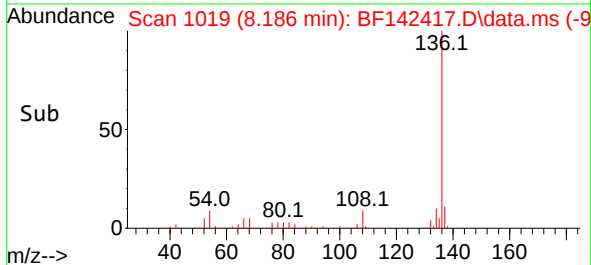
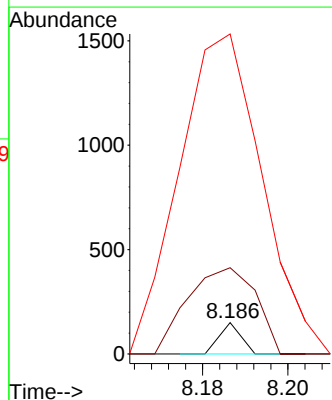
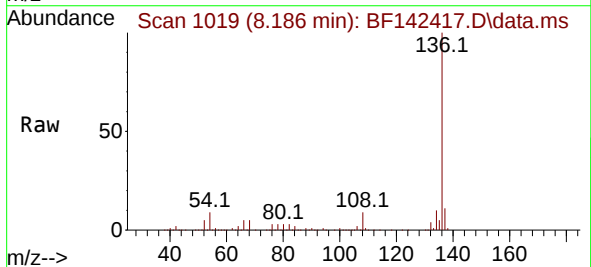
Instrument :
BNA_F
ClientSampleId :
PB168000BL

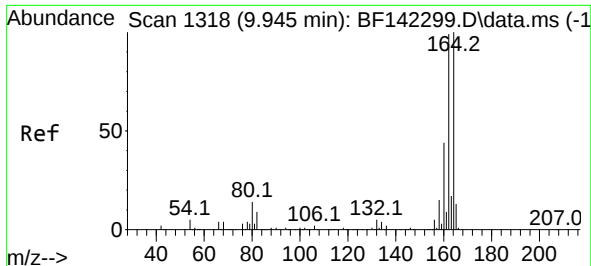
Tgt Ion: 82 Resp: 886109
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#32
Benzoic acid
Concen: 6.024 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.246 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 275.3 97.9 137.9#
77 1022.0 67.7 107.7#

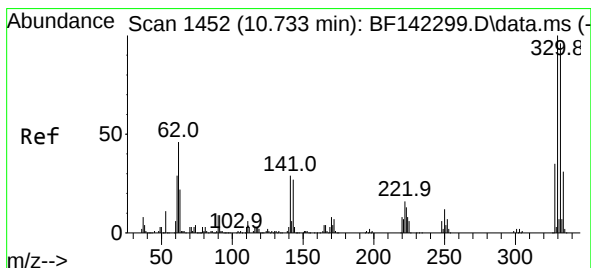
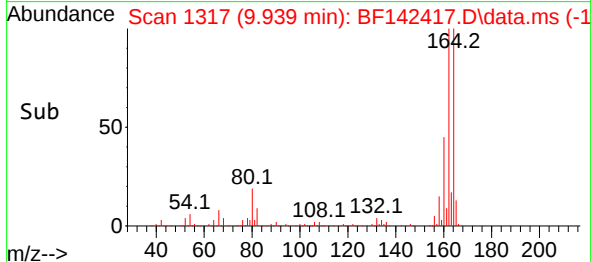
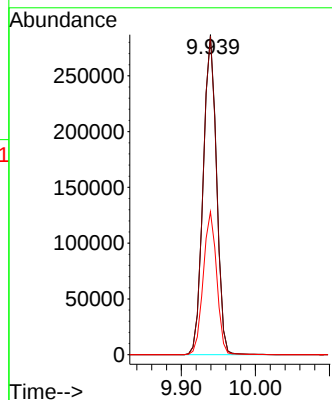
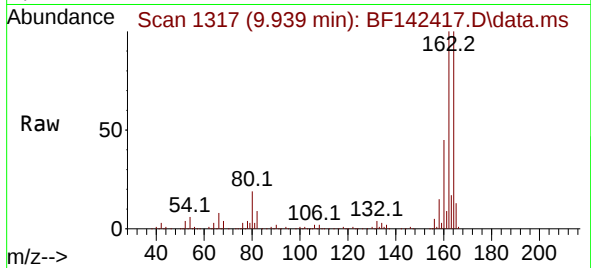




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

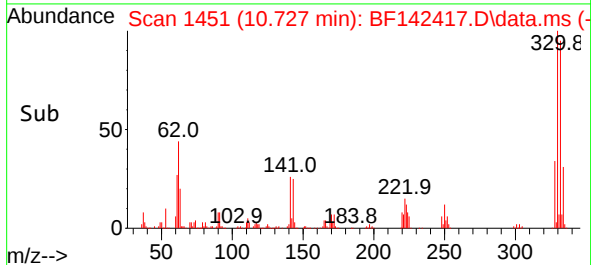
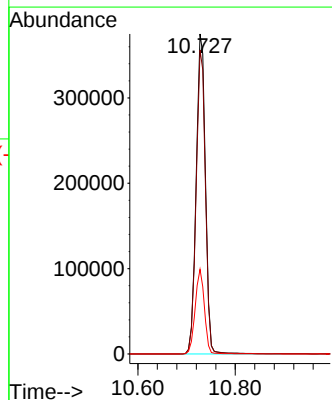
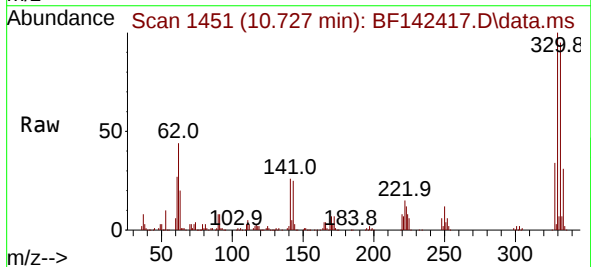
Instrument :
BNA_F
ClientSampleId :
PB168000BL

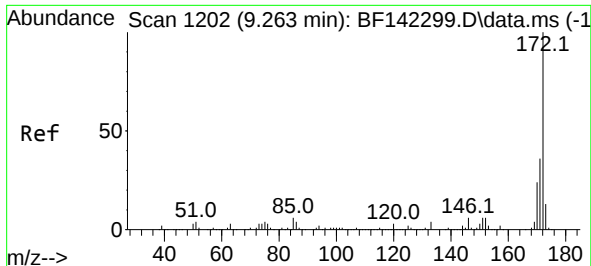
Tgt Ion:164 Resp: 360102
Ion Ratio Lower Upper
164 100
162 99.5 79.2 118.8
160 44.7 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 143.700 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

Tgt Ion:330 Resp: 499603
Ion Ratio Lower Upper
330 100
332 94.9 76.8 115.2
141 26.4 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 73.177 ng

RT: 9.257 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142417.D

Acq: 16 May 2025 10:14

Instrument :

BNA_F

ClientSampleId :

PB168000BL

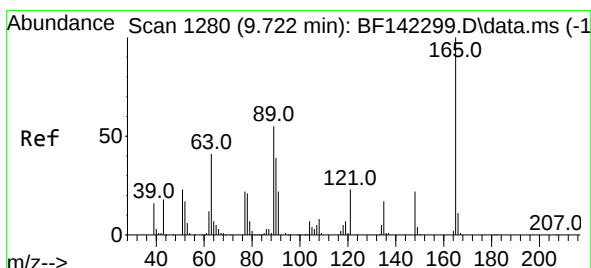
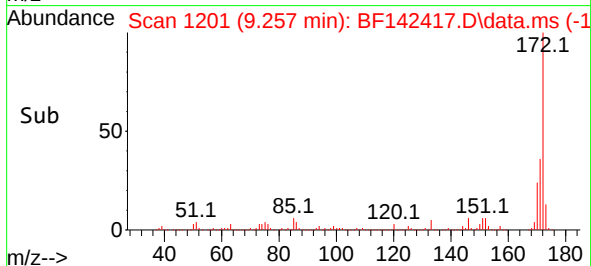
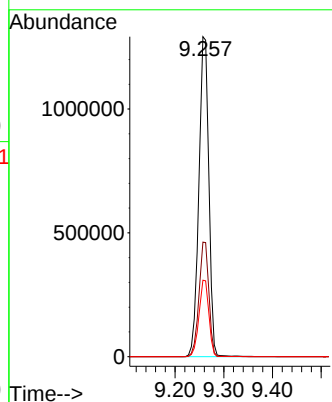
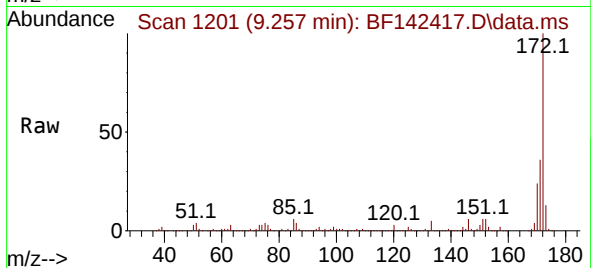
Tgt Ion:172 Resp: 1848074

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 23.9 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 10.991 ng

RT: 9.939 min Scan# 1317

Delta R.T. 0.217 min

Lab File: BF142417.D

Acq: 16 May 2025 10:14

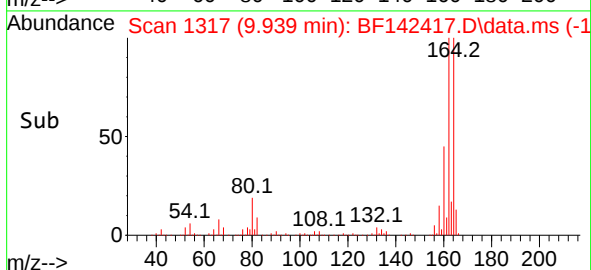
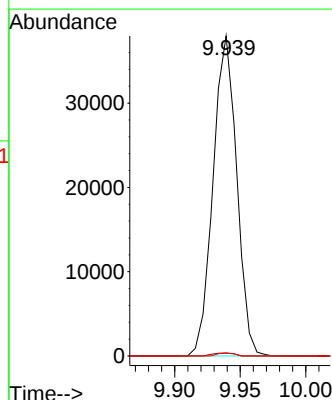
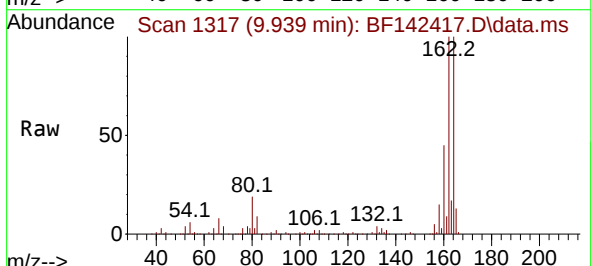
Tgt Ion:165 Resp: 47570

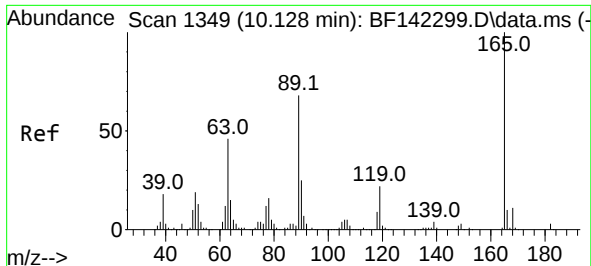
Ion Ratio Lower Upper

165 100

63 1.0 49.5 74.3#

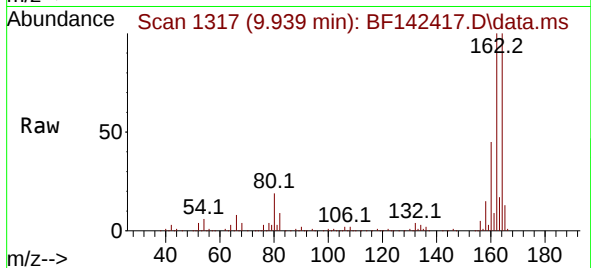
89 0.9 44.6 66.8#



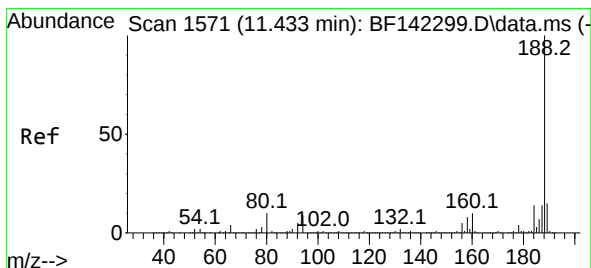
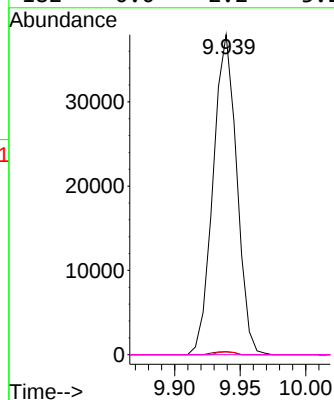
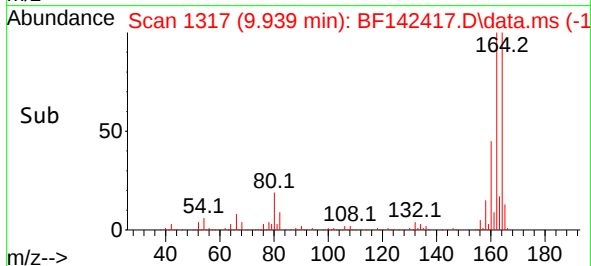


#57
2,4-Dinitrotoluene
Concen: 8.568 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

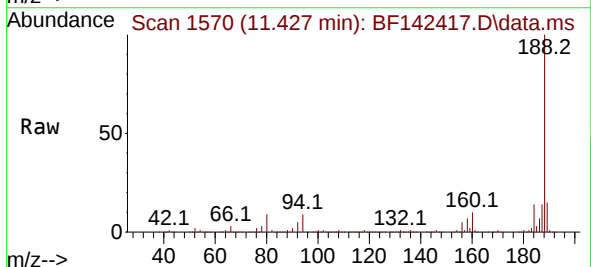
Instrument :
BNA_F
ClientSampleId :
PB168000BL



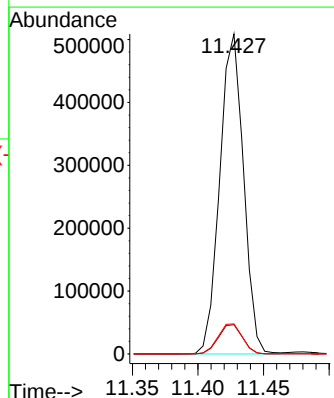
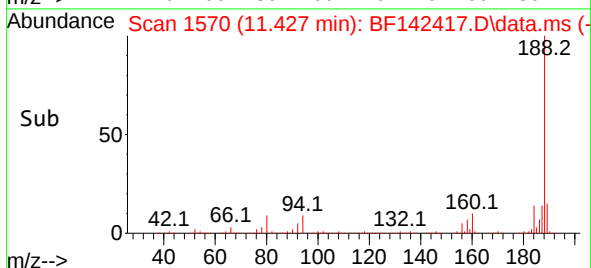
Tgt Ion:165 Resp: 47570
Ion Ratio Lower Upper
165 100
63 1.0 37.1 55.7#
89 0.9 54.4 81.6#
182 0.0 2.2 3.2#

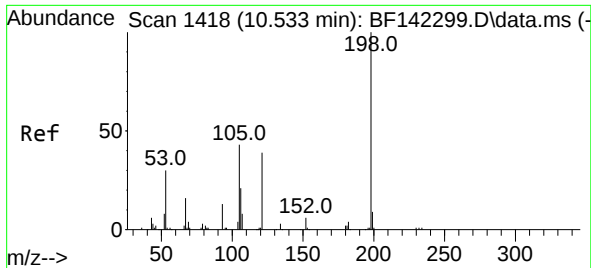


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14



Tgt Ion:188 Resp: 640482
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.4 7.9 11.9

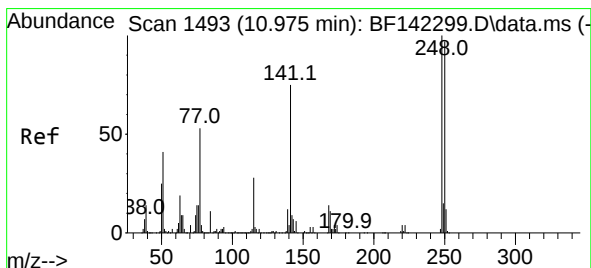
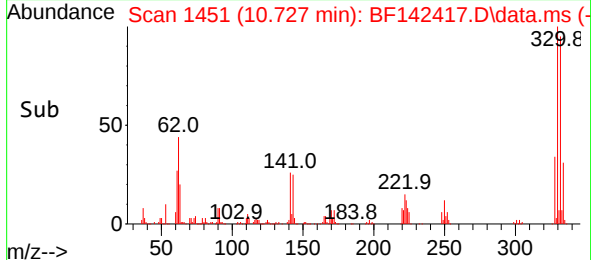
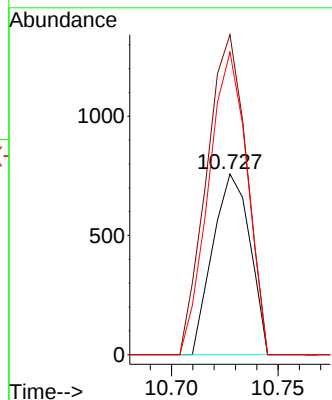
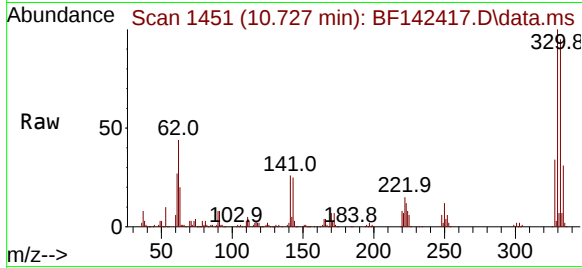




#65
4,6-Dinitro-2-methylphenol
Concen: 7.447 ng
RT: 10.727 min Scan# 1418
Delta R.T. 0.194 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

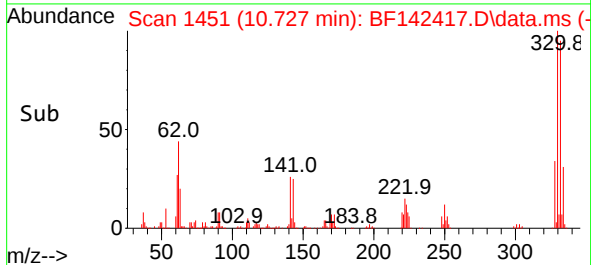
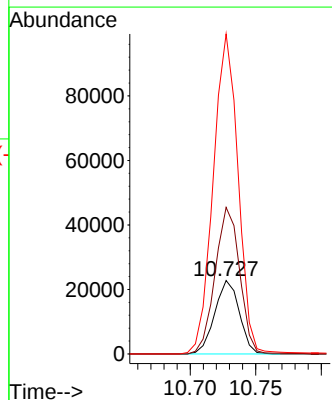
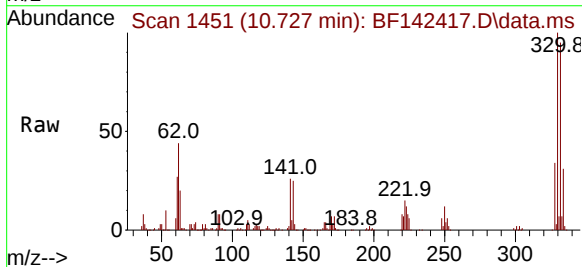
Instrument :
BNA_F
ClientSampleId :
PB168000BL

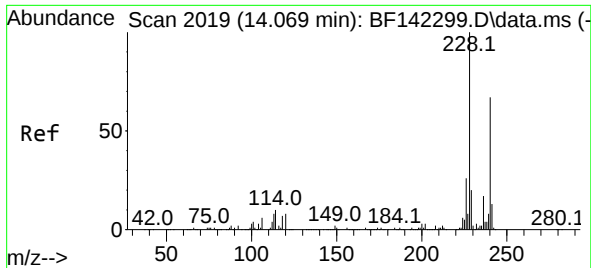
Tgt Ion:198 Resp: 921
Ion Ratio Lower Upper
198 100
51 177.0 32.9 72.9#
105 167.4 23.7 63.7#



#67
4-Bromophenyl-phenylether
Concen: 4.084 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

Tgt Ion:248 Resp: 29646
Ion Ratio Lower Upper
248 100
250 199.6 77.9 116.9#
141 435.6 59.8 89.8#

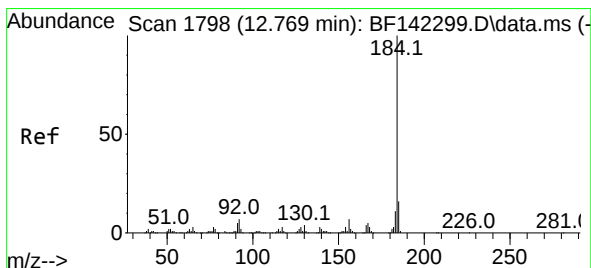
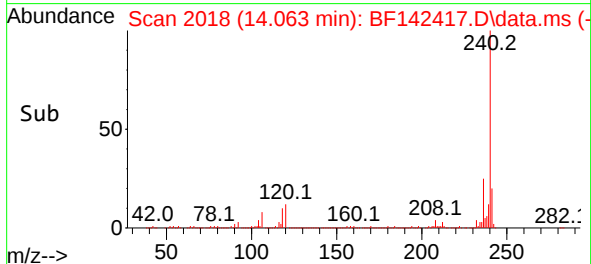
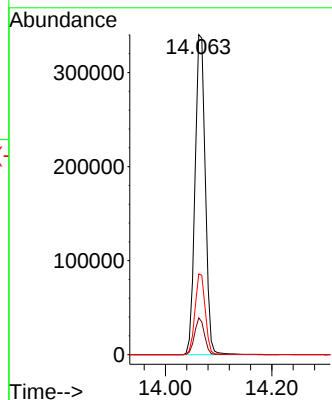
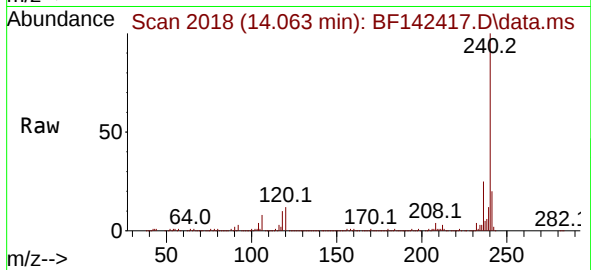




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

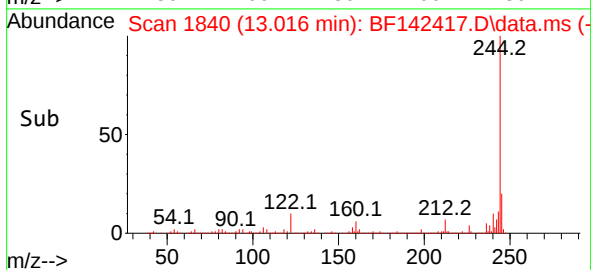
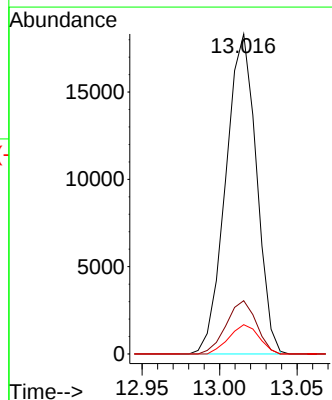
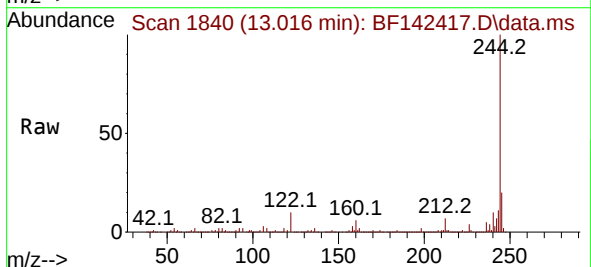
Instrument :
BNA_F
ClientSampleId :
PB168000BL

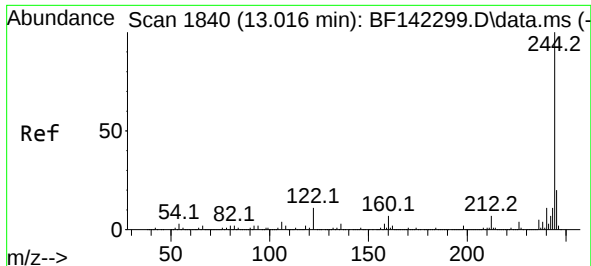
Tgt Ion:240 Resp: 454613
Ion Ratio Lower Upper
240 100
120 11.5 9.7 14.5
236 25.3 20.0 30.0



#77
Benzidine
Concen: 3.054 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.247 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

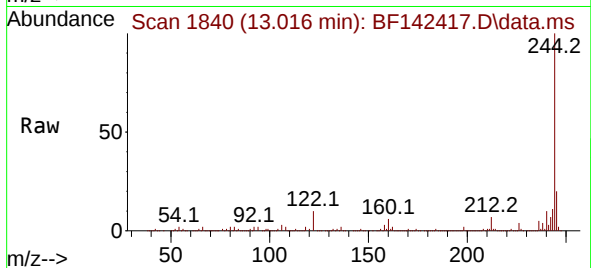
Tgt Ion:184 Resp: 25231
Ion Ratio Lower Upper
184 100
185 16.6 12.6 18.8
183 9.1 8.6 12.8



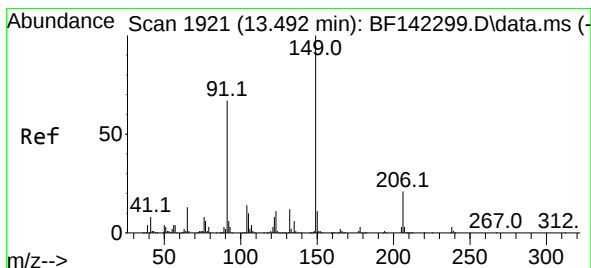
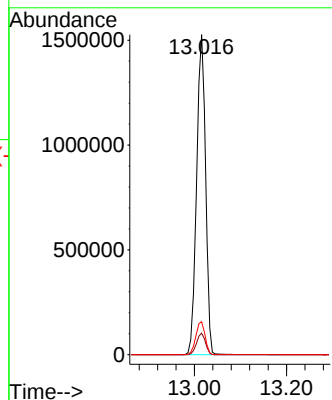
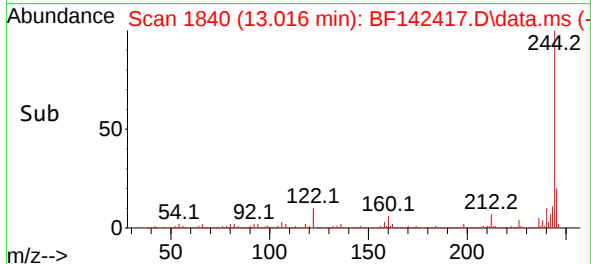


#79
 Terphenyl-d14
 Concen: 66.967 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142417.D
 Acq: 16 May 2025 10:14

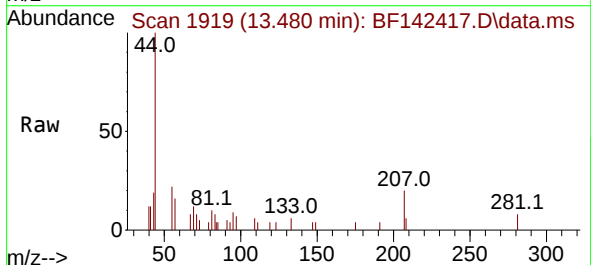
Instrument :
 BNA_F
 ClientSampleId :
 PB168000BL



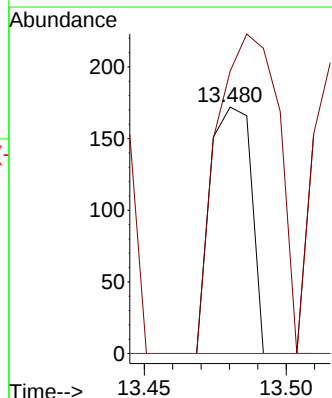
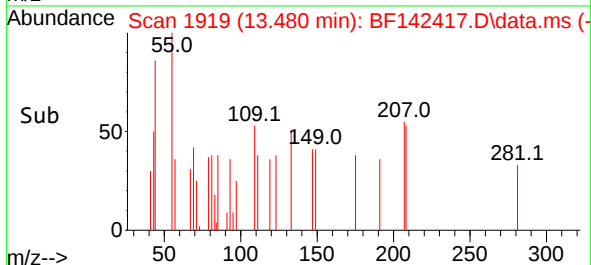
Tgt Ion:244 Resp: 2056898
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.3 9.0 13.4

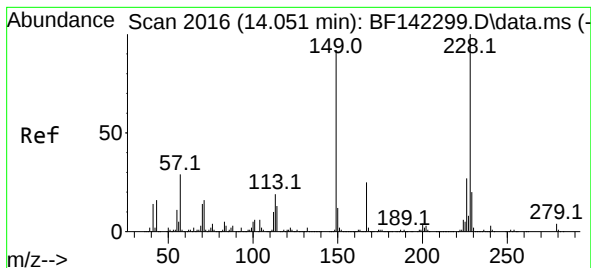


#80
 Butylbenzylphthalate
 Concen: 3.673 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. -0.012 min
 Lab File: BF142417.D
 Acq: 16 May 2025 10:14



Tgt Ion:149 Resp: 173
 Ion Ratio Lower Upper
 149 100
 91 114.5 53.8 80.6#
 206 0.0 16.6 24.8#

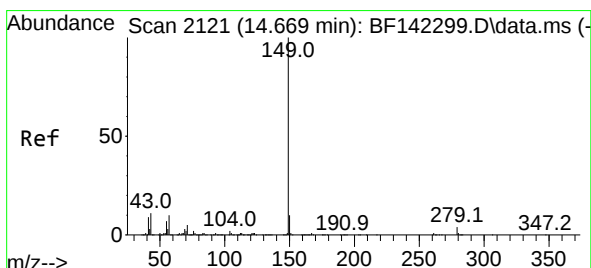
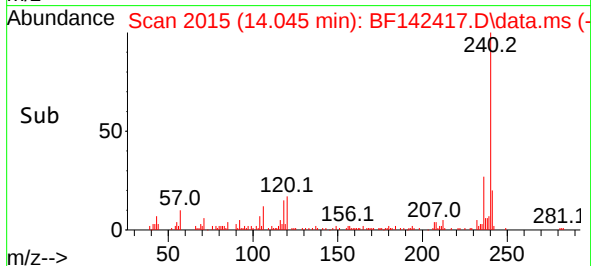
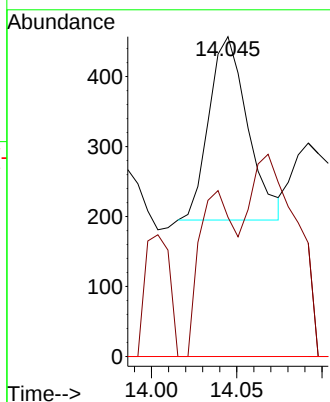
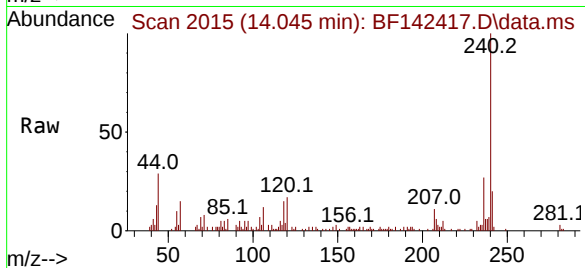




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.262 ng
RT: 14.045 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

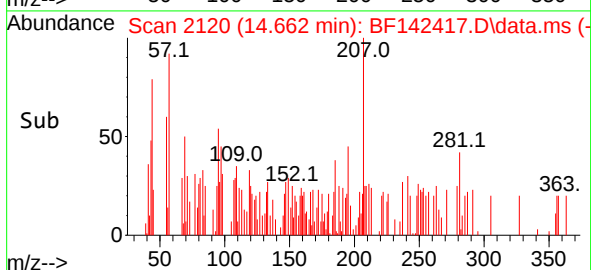
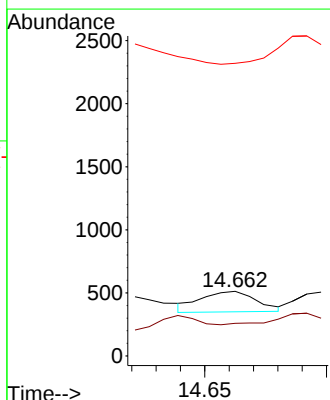
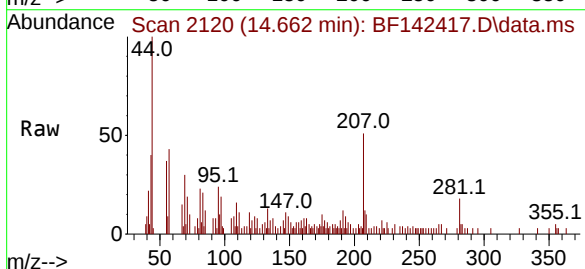
Instrument :
BNA_F
ClientSampleId :
PB168000BL

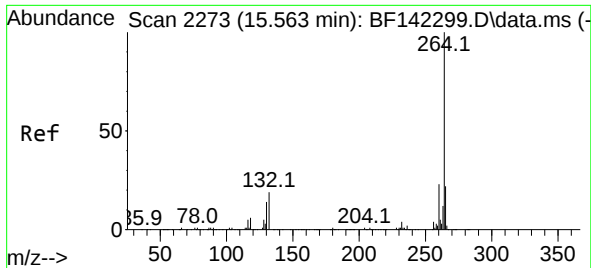
Tgt Ion:149 Resp: 415
Ion Ratio Lower Upper
149 100
167 43.5 22.0 33.0#
279 0.0 3.0 4.6#



#85
Di-n-octyl phthalate
Concen: 7.848 ng
RT: 14.662 min Scan# 2120
Delta R.T. -0.007 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

Tgt Ion:149 Resp: 259
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 0.0 9.2 13.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

Instrument :
BNA_F
ClientSampleId :
PB168000BL

Tgt Ion:264 Resp: 338767
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 21.7 17.5 26.3

