

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142251.D
 Acq On : 01 May 2025 10:45
 Operator : RC/JU
 Sample : PB167798BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167798BL

Quant Time: May 01 11:47:25 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)

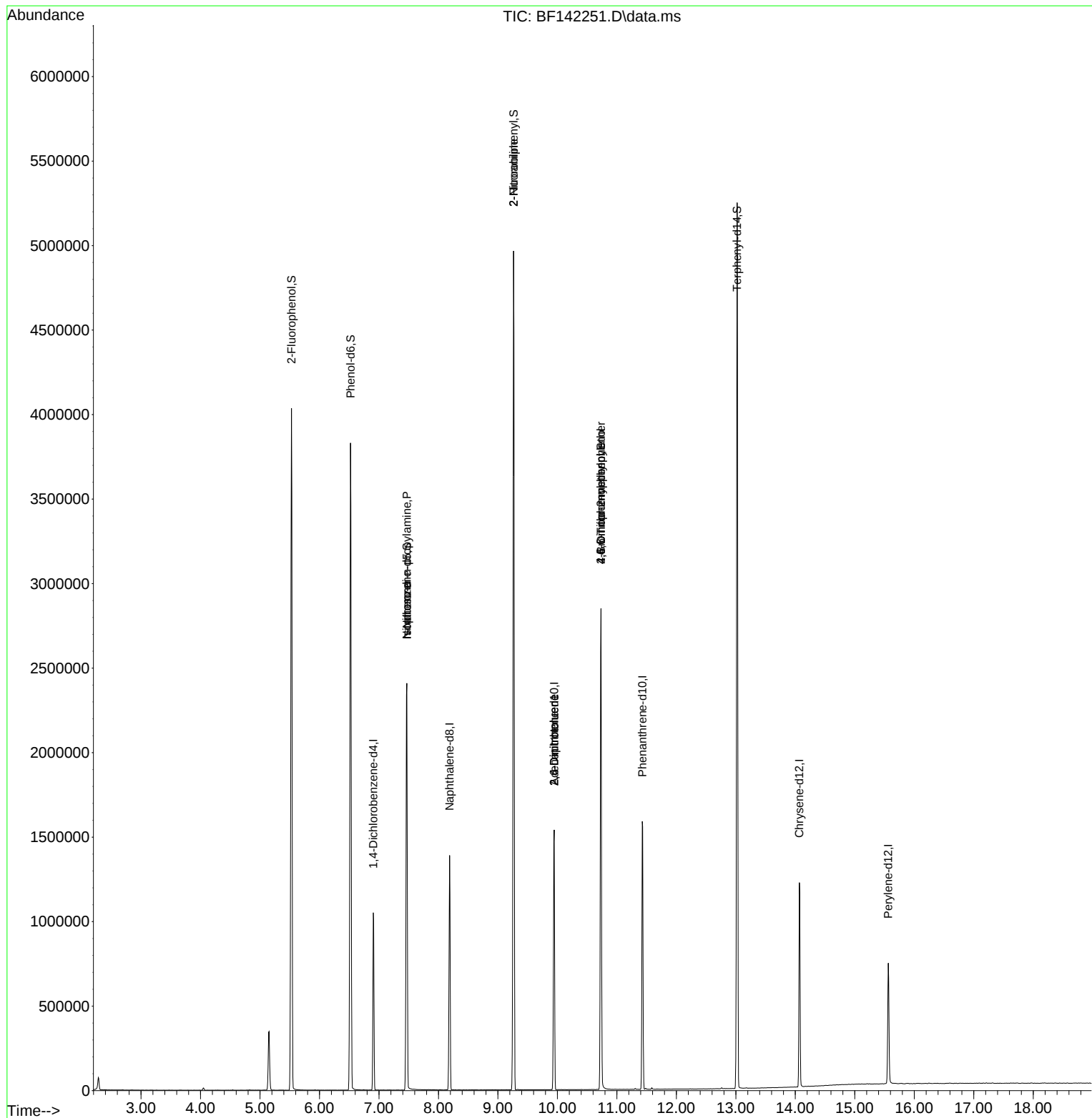
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	227901	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	877397	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	467254	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	826787	20.000	ng	0.00
76) Chrysene-d12	14.069	240	587490	20.000	ng	0.00
86) Perylene-d12	15.563	264	406867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1618858	113.445	ng	0.01
7) Phenol-d6	6.522	99	1952554	113.309	ng	0.00
23) Nitrobenzene-d5	7.469	82	1072746	80.325	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	504593	118.458	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2332756	70.392	ng	0.00
79) Terphenyl-d14	13.022	244	2599136	64.345	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	145408	13.655	ng	# 80
25) Isophorone	7.469	82	1071876	38.242	ng	# 64
48) 2-Nitroaniline	9.263	65	3787	5.247	ng	# 1
51) 2,6-Dinitrotoluene	9.945	165	60492	13.691	ng	# 23
57) 2,4-Dinitrotoluene	9.945	165	60492	12.830	ng	# 23
65) 4,6-Dinitro-2-methylph...	10.733	198	1207	10.956	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	30771	3.342	ng	# 1

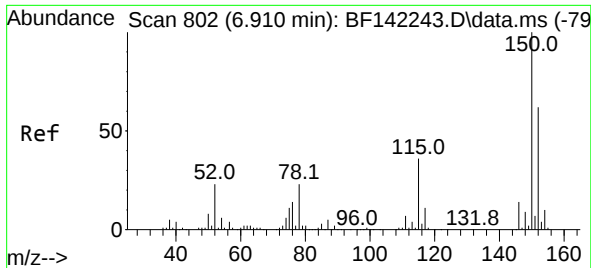
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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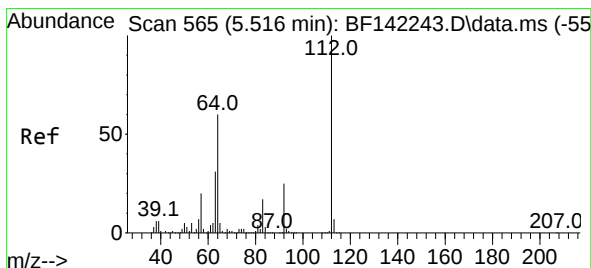
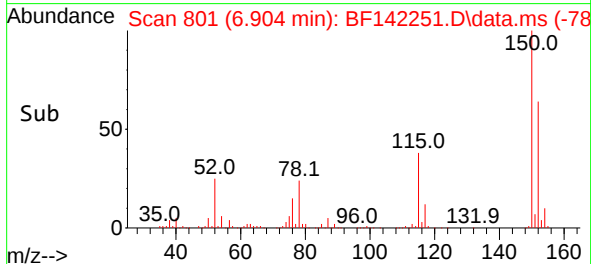
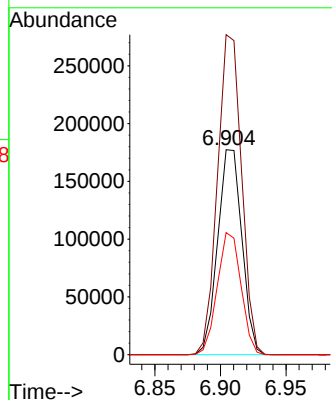
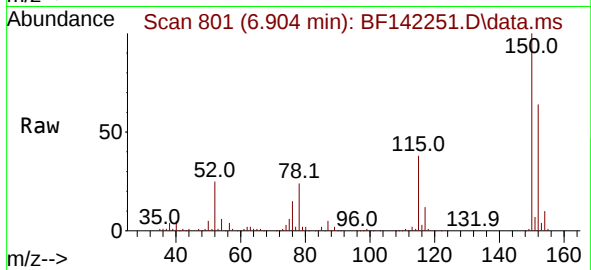




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

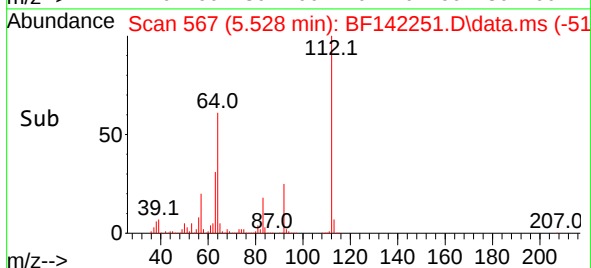
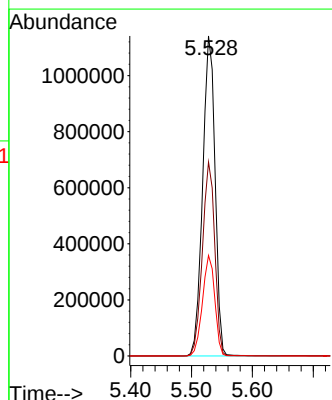
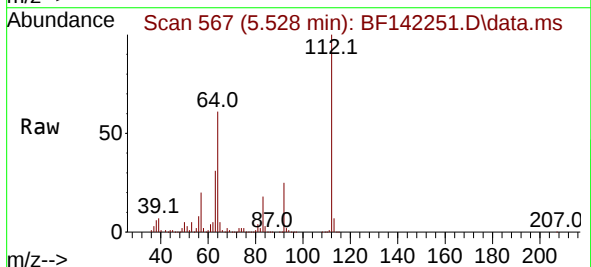
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BNA_F
ClientSampleId :
PB167798BL

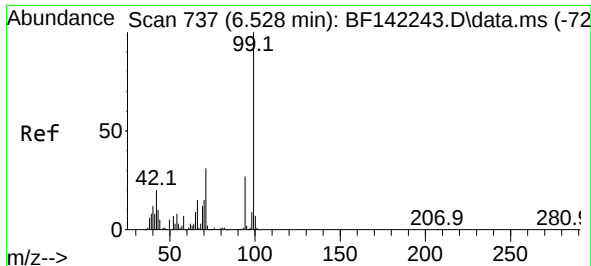
Tgt Ion:152 Resp: 227901
Ion Ratio Lower Upper
152 100
150 156.2 130.2 195.2
115 59.6 47.0 70.4



#5
2-Fluorophenol
Concen: 113.445 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion:112 Resp: 1618858
Ion Ratio Lower Upper
112 100
64 60.6 48.4 72.6
63 31.4 24.8 37.2

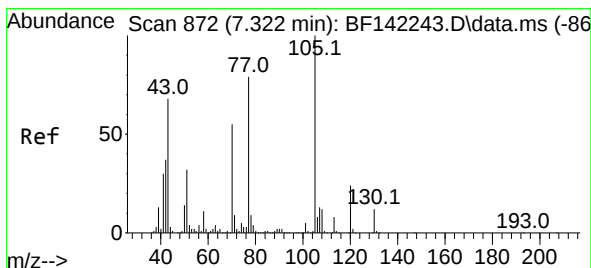
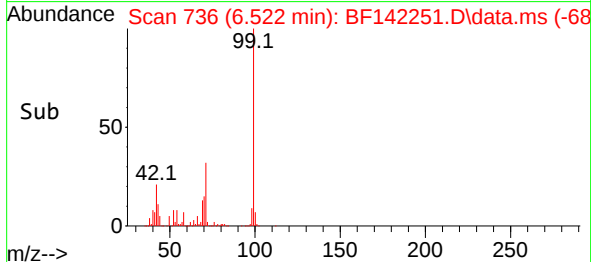
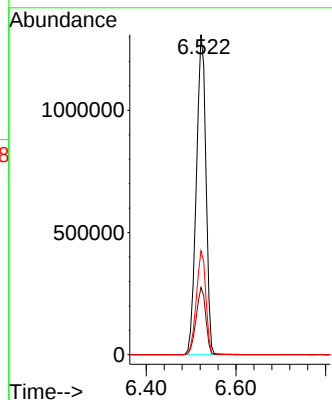
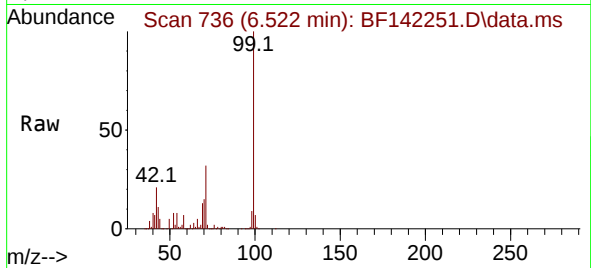




#7
Phenol-d6
Concen: 113.309 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

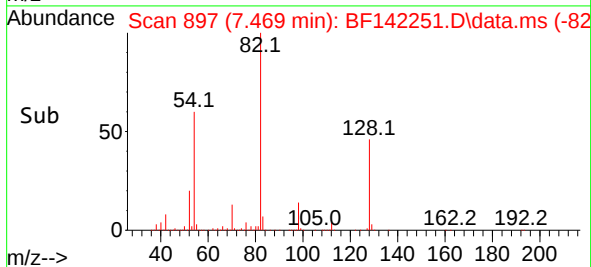
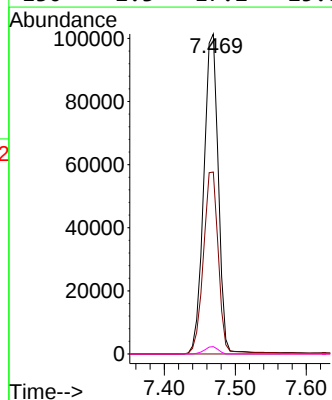
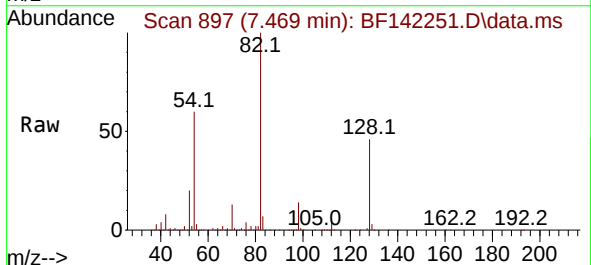
Instrument :
BNA_F
ClientSampleId :
PB167798BL

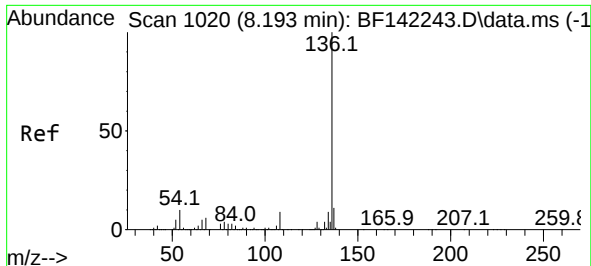
Tgt Ion: 99 Resp: 1952554
Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 32.4 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.655 ng
RT: 7.469 min Scan# 897
Delta R.T. 0.147 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

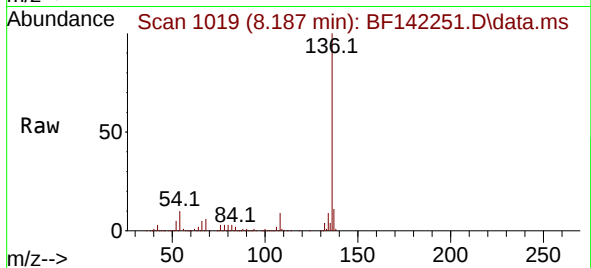
Tgt Ion: 70 Resp: 145408
Ion Ratio Lower Upper
70 100
42 56.8 53.4 80.2
101 0.0 7.7 11.5#
130 2.3 17.2 25.8#





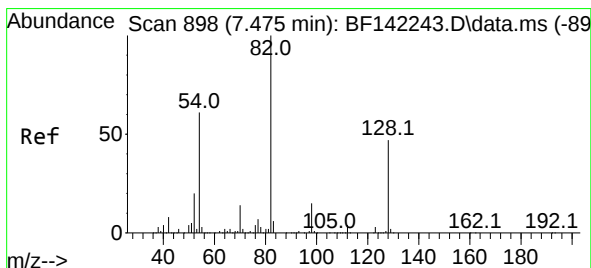
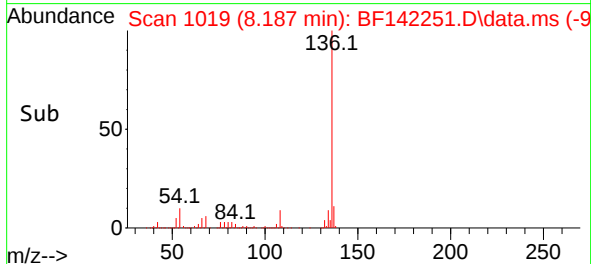
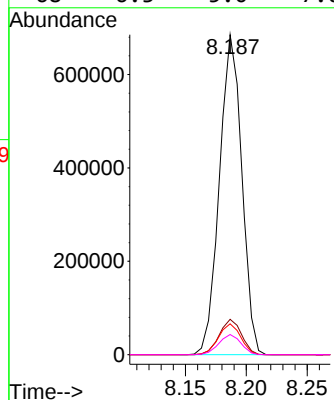
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Instrument :
BNA_F
ClientSampleId :
PB167798BL



Tgt Ion:136 Resp: 877397

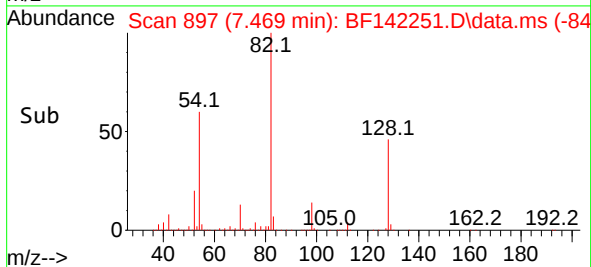
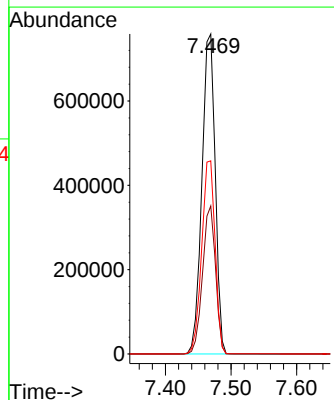
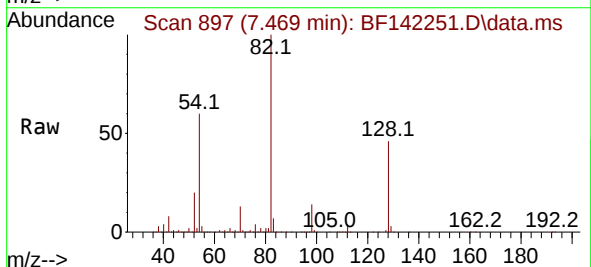
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.7	7.7	11.5
68	6.3	5.0	7.6

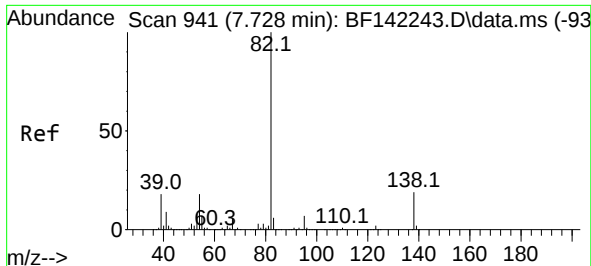


#23
Nitrobenzene-d5
Concen: 80.325 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion: 82 Resp: 1072746

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.6
54	60.4	48.0	72.0

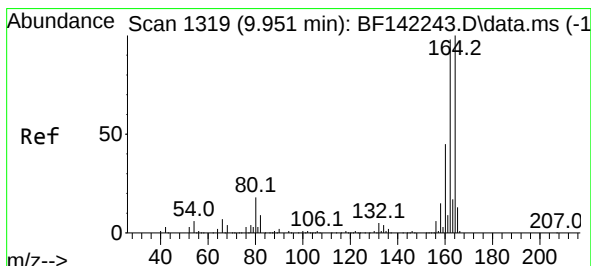
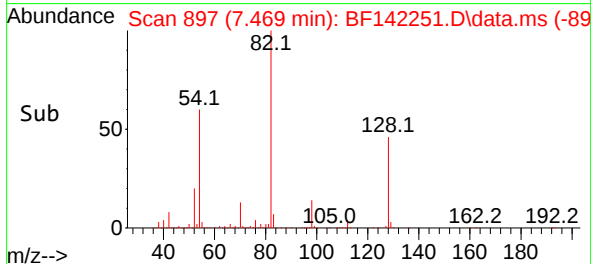
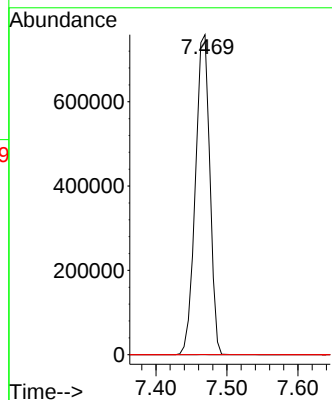
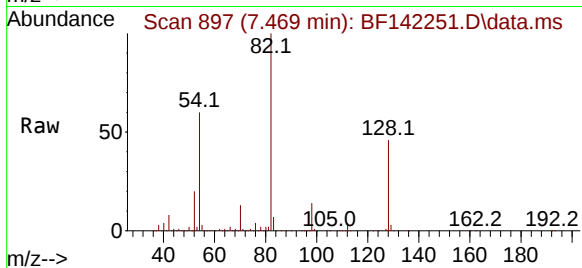




#25
Isophorone
Concen: 38.242 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.259 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

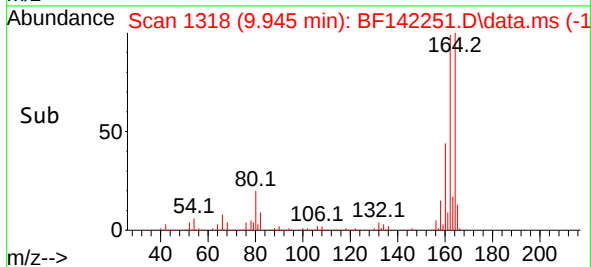
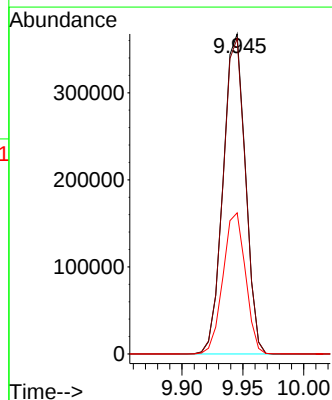
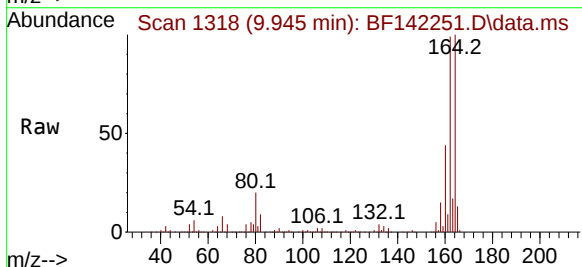
Instrument :
BNA_F
ClientSampleId :
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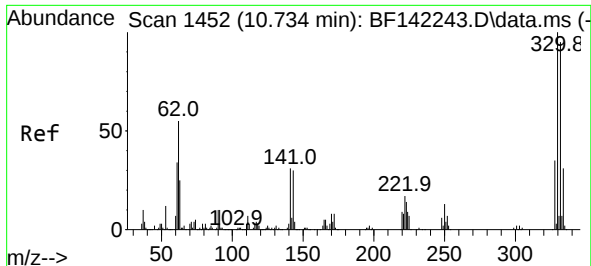
Tgt Ion: 82 Resp: 1071876
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion:164 Resp: 467254
Ion Ratio Lower Upper
164 100
162 98.6 78.6 117.8
160 44.1 35.7 53.5

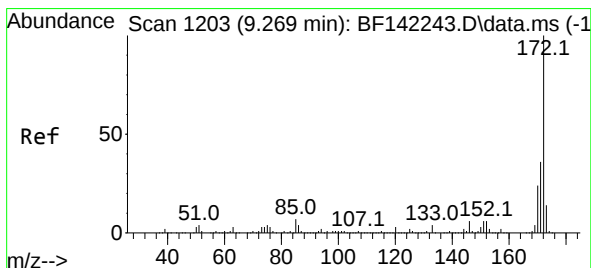
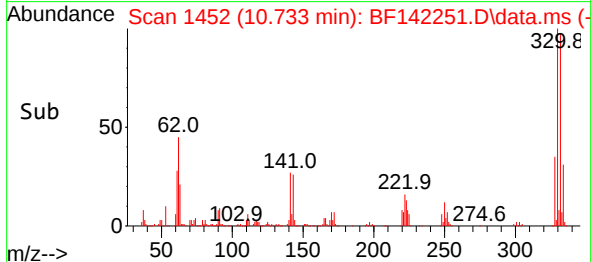
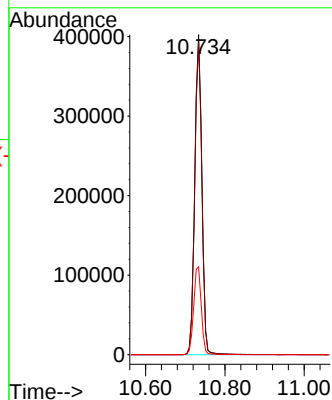
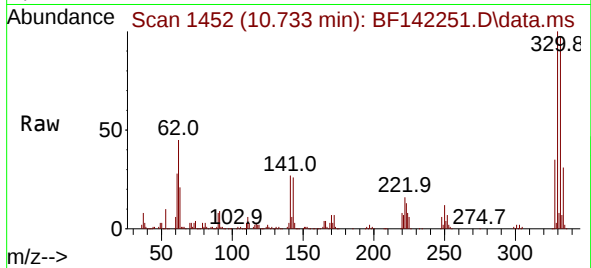




#42
2,4,6-Tribromophenol
Concen: 118.458 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

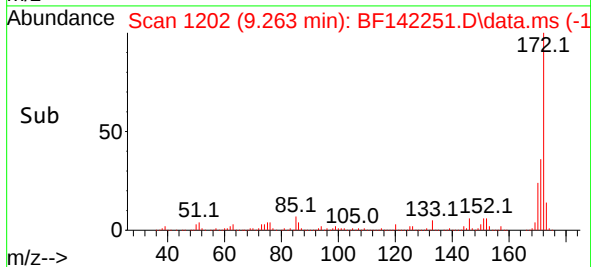
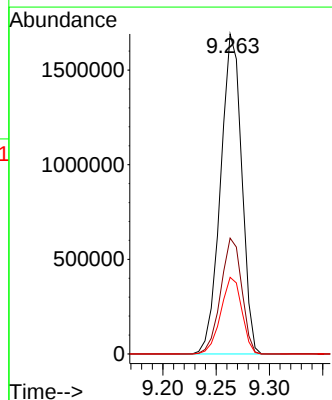
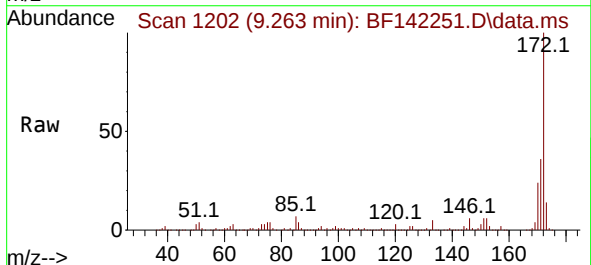
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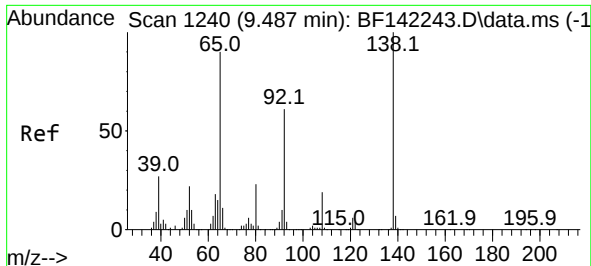
Tgt Ion:330 Resp: 504593
Ion Ratio Lower Upper
330 100
332 97.3 76.5 114.7
141 29.4 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 70.392 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion:172 Resp: 2332756
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 23.9 19.4 29.0

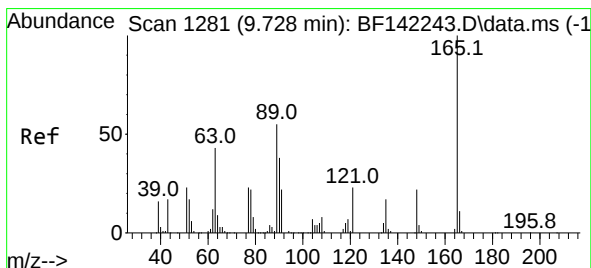
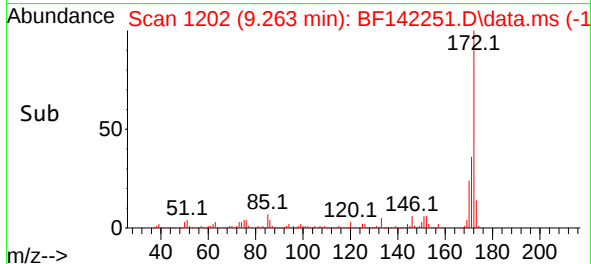
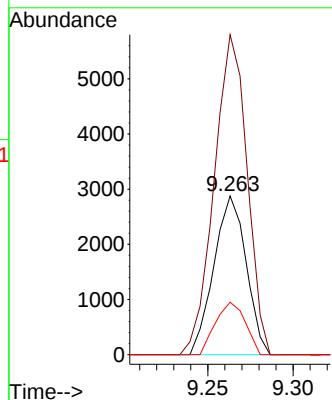
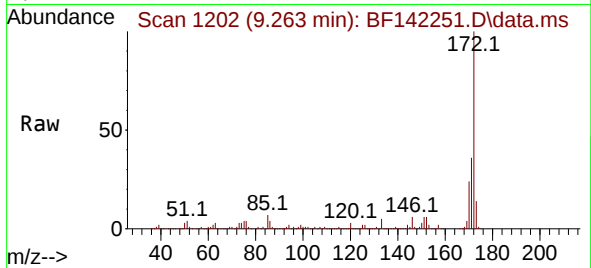




#48
2-Nitroaniline
Concen: 5.247 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

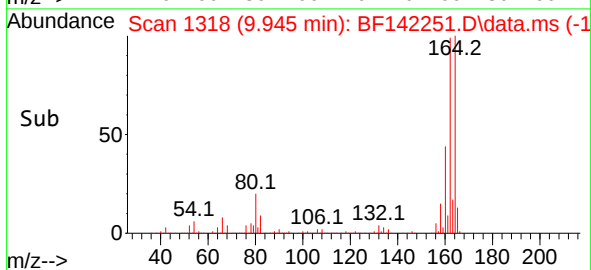
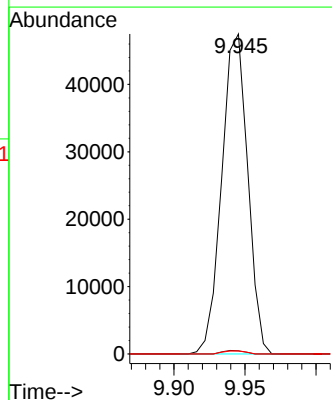
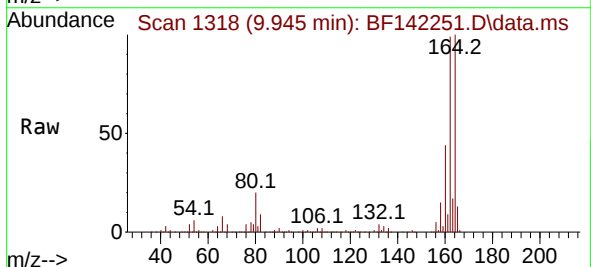
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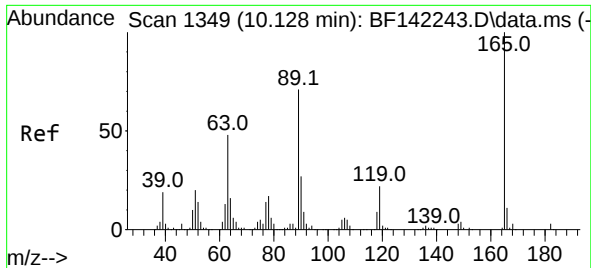
Tgt Ion: 65 Resp: 3787
Ion Ratio Lower Upper
65 100
92 201.5 54.3 81.5#
138 33.0 88.6 133.0#



#51
2,6-Dinitrotoluene
Concen: 13.691 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.217 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion: 165 Resp: 60492
Ion Ratio Lower Upper
165 100
63 1.0 48.5 72.7#
89 0.9 43.9 65.9#

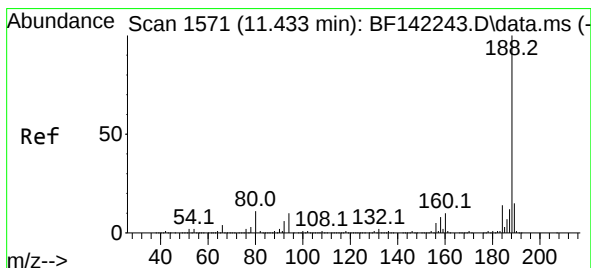
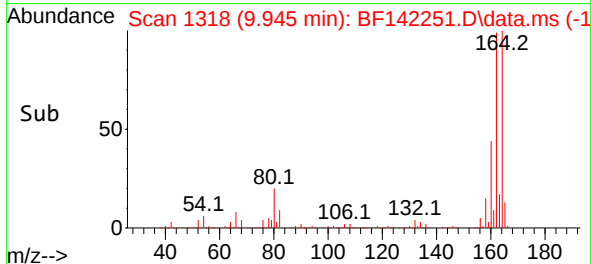
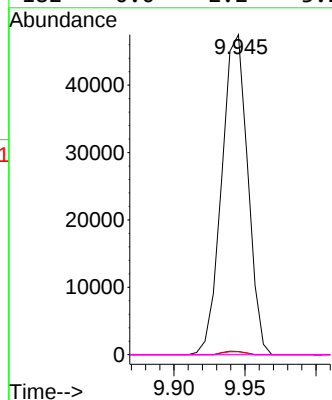
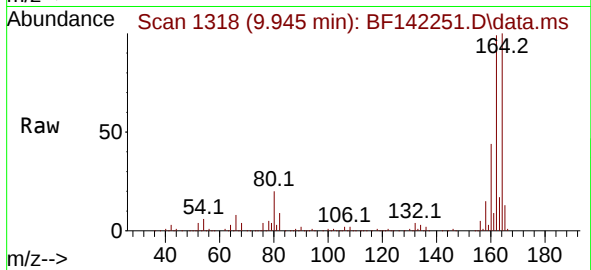




#57
2,4-Dinitrotoluene
Concen: 12.830 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.183 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

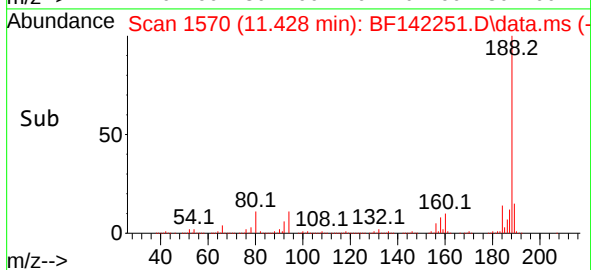
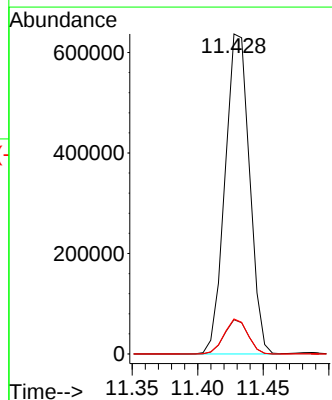
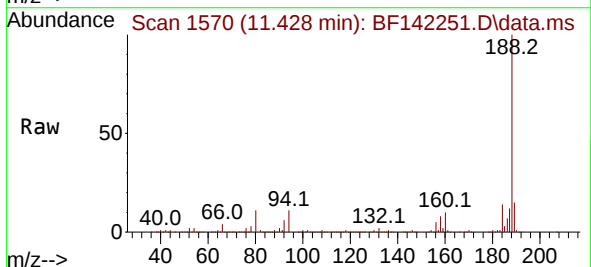
Instrument :
BNA_F
ClientSampleId :
PB167798BL

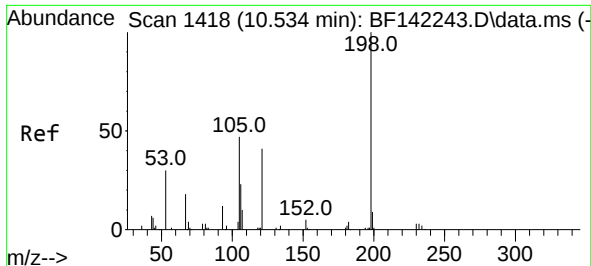
Tgt Ion:165 Resp: 60492
Ion Ratio Lower Upper
165 100
63 1.0 38.8 58.2#
89 0.9 57.1 85.7#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion:188 Resp: 826787
Ion Ratio Lower Upper
188 100
94 10.7 8.2 12.2
80 11.0 8.6 12.8

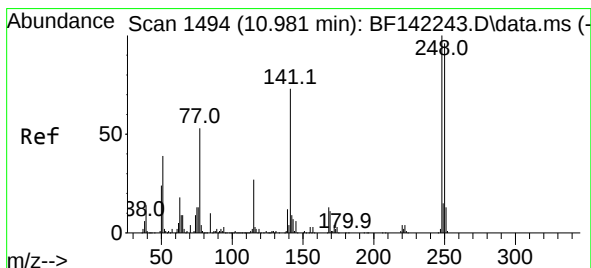
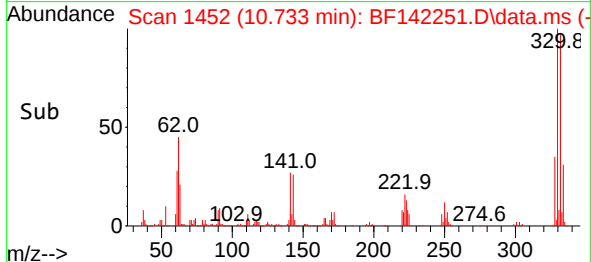
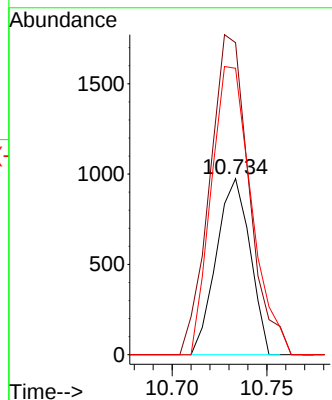
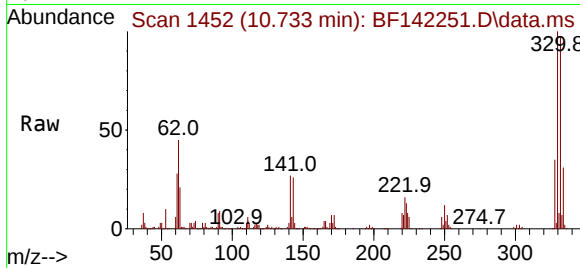




#65
4,6-Dinitro-2-methylphenol
Concen: 10.956 ng
RT: 10.733 min Scan# 1418
Delta R.T. 0.199 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

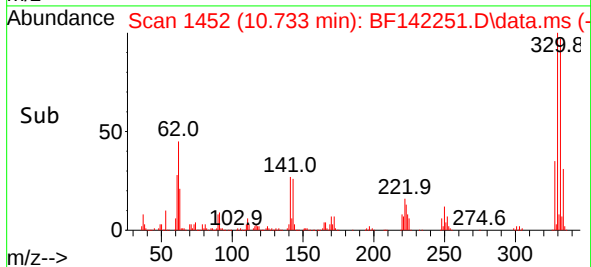
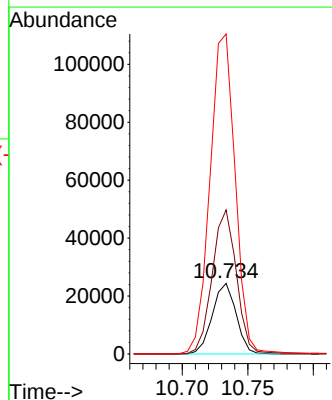
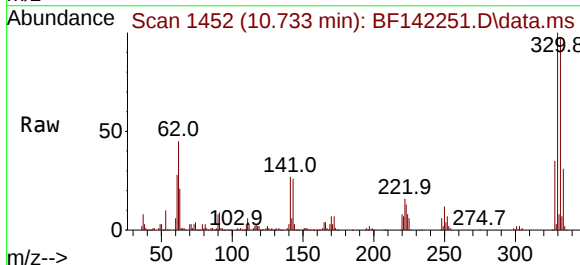
Instrument :
BNA_F
ClientSampleId :
PB167798BL

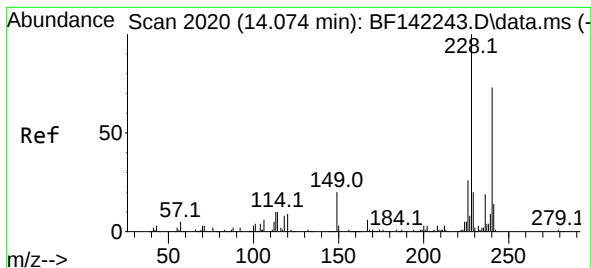
Tgt Ion:198 Resp: 1207
Ion Ratio Lower Upper
198 100
51 177.2 40.6 80.6#
105 162.7 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 3.342 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion:248 Resp: 30771
Ion Ratio Lower Upper
248 100
250 203.8 77.2 115.8#
141 452.9 58.4 87.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142251.D

Acq: 01 May 2025 10:45

Instrument :

BNA_F

ClientSampleId :

PB167798BL

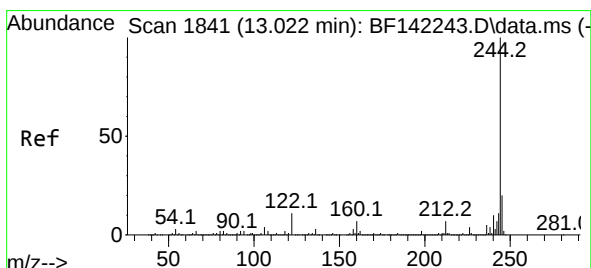
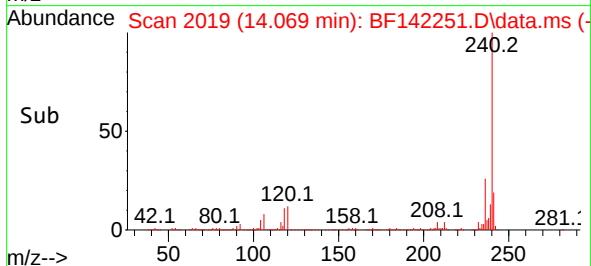
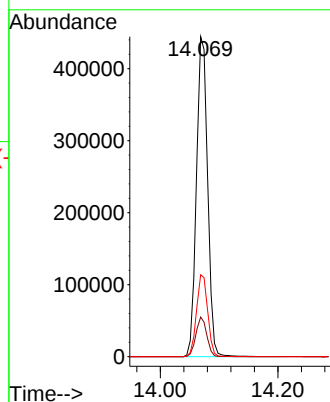
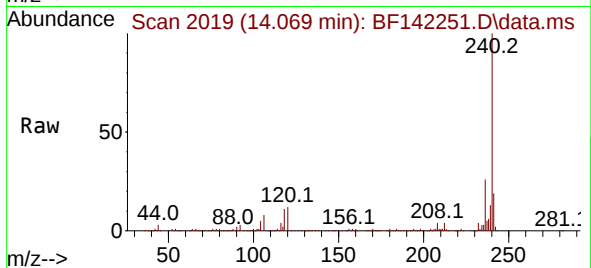
Tgt Ion:240 Resp: 587490

Ion Ratio Lower Upper

240 100

120 12.4 10.1 15.1

236 25.6 20.5 30.7



#79

Terphenyl-d14

Concen: 64.345 ng

RT: 13.022 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF142251.D

Acq: 01 May 2025 10:45

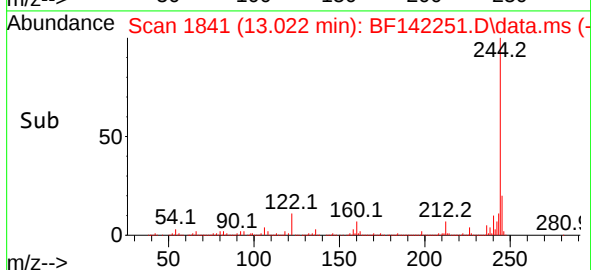
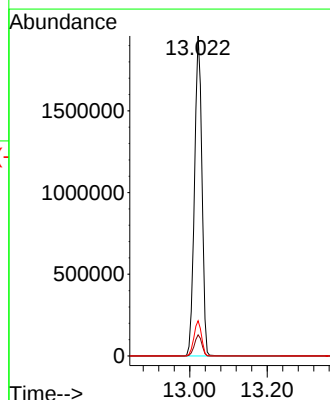
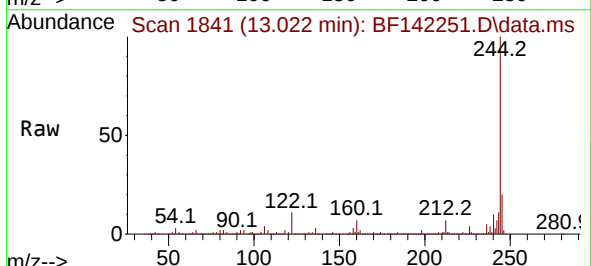
Tgt Ion:244 Resp: 2599136

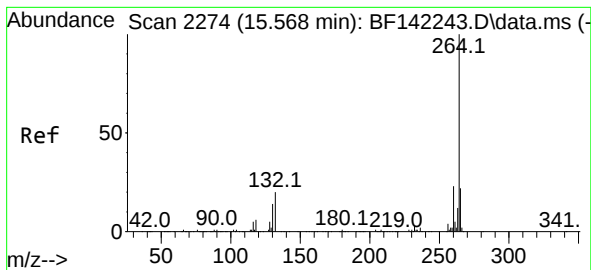
Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 11.0 9.1 13.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Instrument :
BNA_F
ClientSampleId :
PB167798BL

Tgt Ion:264 Resp: 406867

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	21.3	17.3	25.9

