

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142394.D
 Acq On : 15 May 2025 16:10
 Operator : RC/JU
 Sample : PB167953BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167953BL

Quant Time: May 15 16:28:35 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)

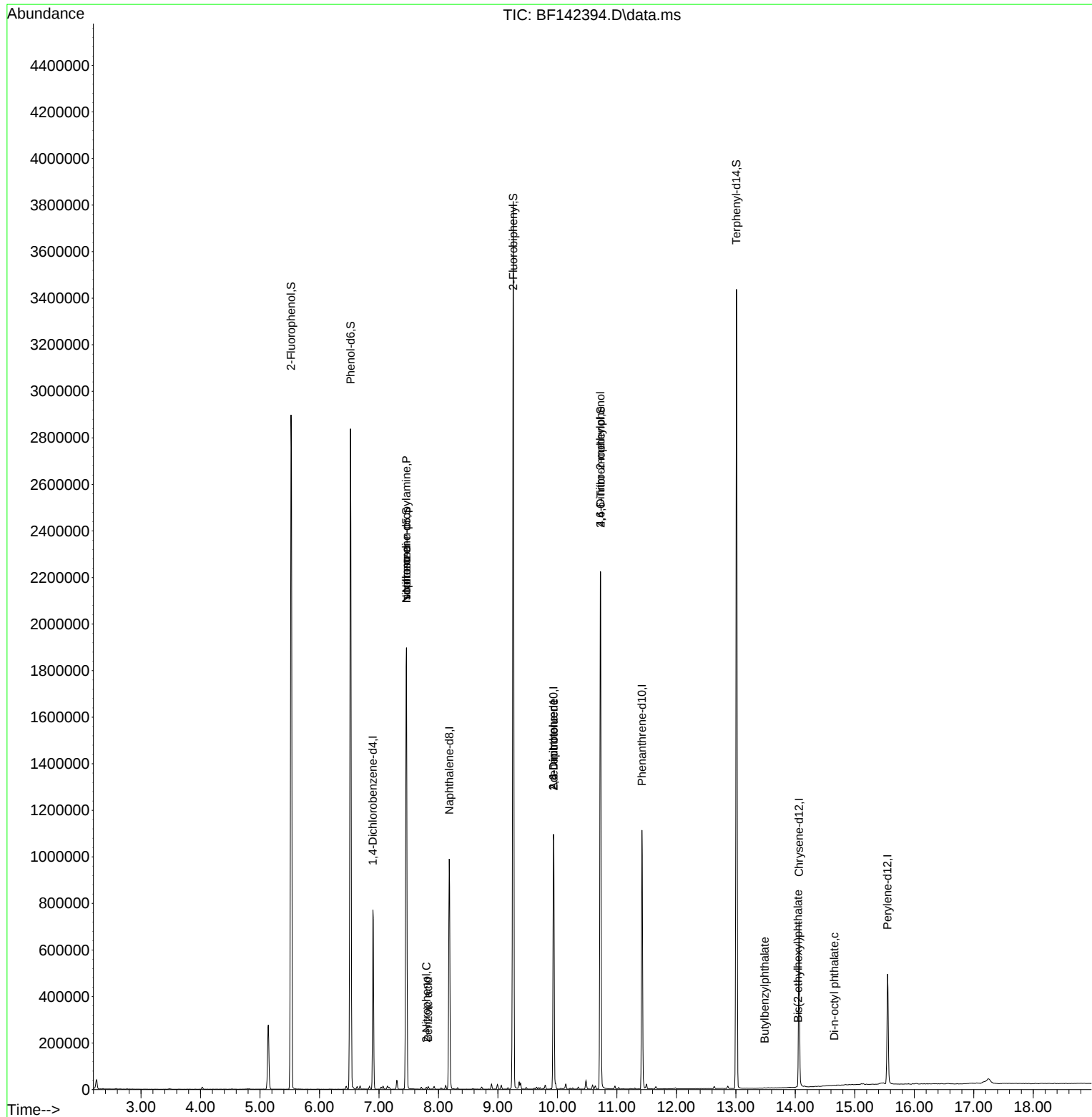
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	167151	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	651521	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	343903	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	581369	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	340684	20.000	ng	0.00
86) Perylene-d12	15.551	264	283265	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1185177	121.040	ng	0.01
7) Phenol-d6	6.522	99	1424873	118.316	ng	0.00
23) Nitrobenzene-d5	7.463	82	882042	82.566	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	438629	132.104	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1808294	74.975	ng	0.00
79) Terphenyl-d14	13.010	244	1741142	75.644	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	119925	16.099	ng	# 75
25) Isophorone	7.463	82	871886	43.099	ng	# 62
26) 2-Nitrophenol	7.798	139	2045	4.473	ng	# 86
32) Benzoic acid	7.828	122	3181	6.611	ng	# 14
51) 2,6-Dinitrotoluene	9.933	165	44096	10.668	ng	# 23
57) 2,4-Dinitrotoluene	9.933	165	44096	8.317	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.722	198	691	7.402	ng	# 1
80) Butylbenzylphthalate	13.486	149	612	3.723	ng	# 88
84) Bis(2-ethylhexyl)phtha...	14.045	149	684	4.291	ng	# 52
85) Di-n-octyl phthalate	14.657	149	1167	7.887	ng	# 87

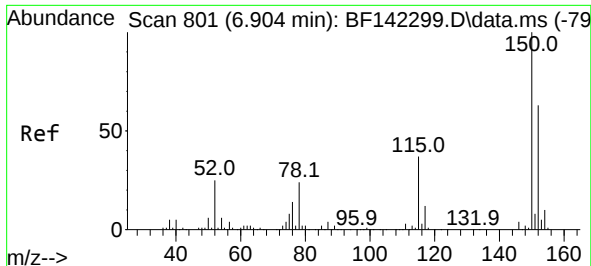
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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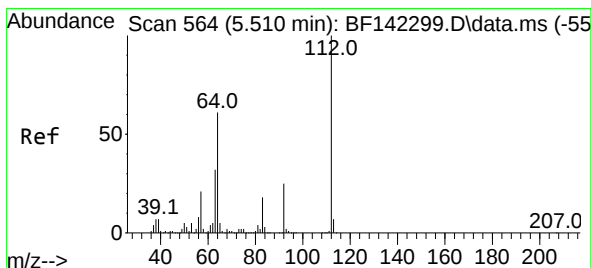
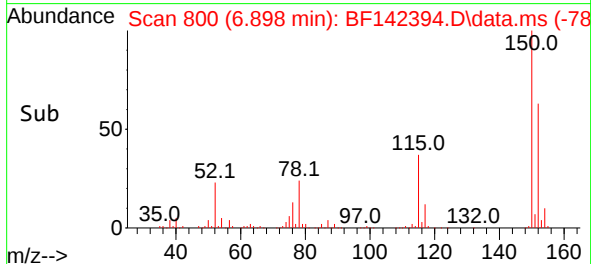
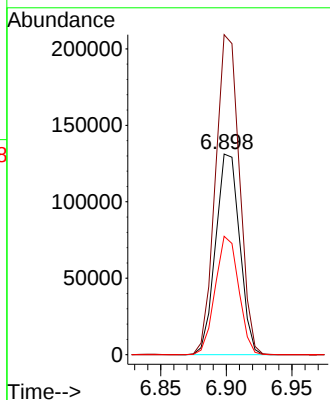
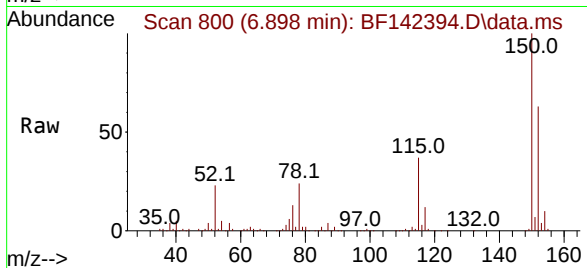




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

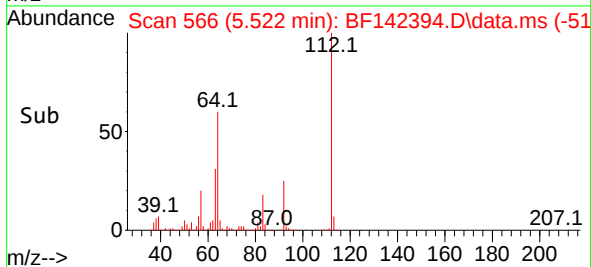
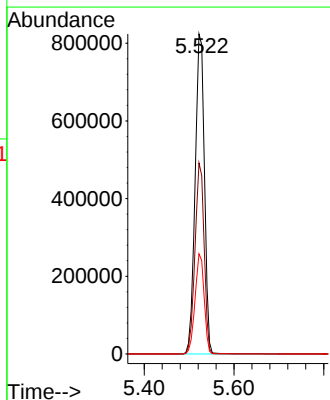
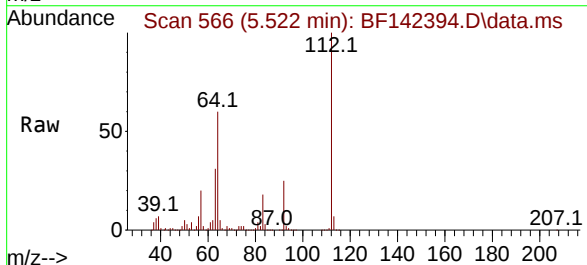
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BNA_F
ClientSampleId :
PB167953BL

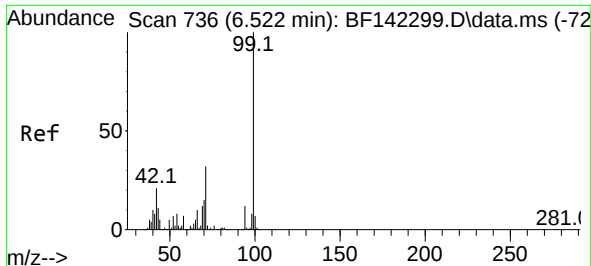
Tgt Ion:152 Resp: 167151
Ion Ratio Lower Upper
152 100
150 159.5 126.6 190.0
115 59.0 47.3 70.9



#5
2-Fluorophenol
Concen: 121.040 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Tgt Ion:112 Resp: 1185177
Ion Ratio Lower Upper
112 100
64 59.7 48.9 73.3
63 31.3 25.6 38.4

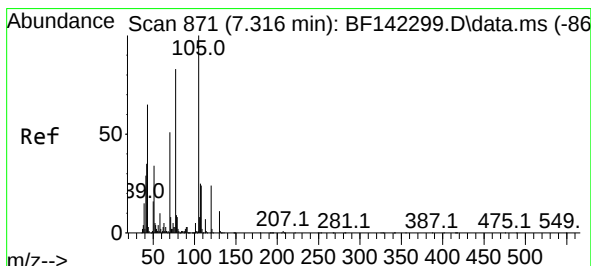
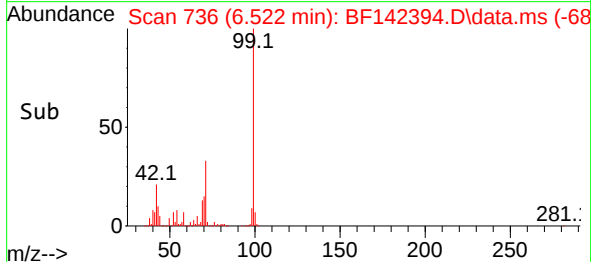
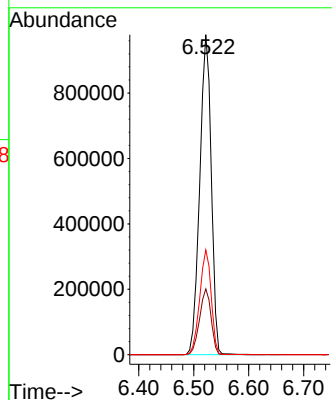
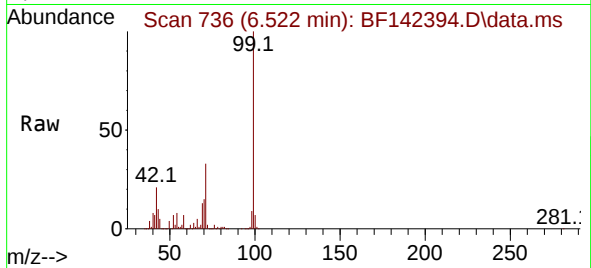




#7
Phenol-d6
Concen: 118.316 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

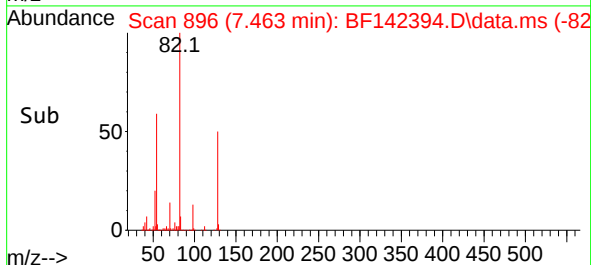
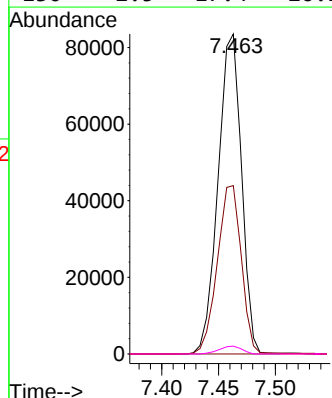
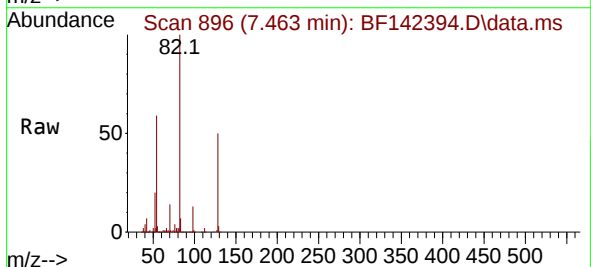
Instrument :
BNA_F
ClientSampleId :
PB167953BL

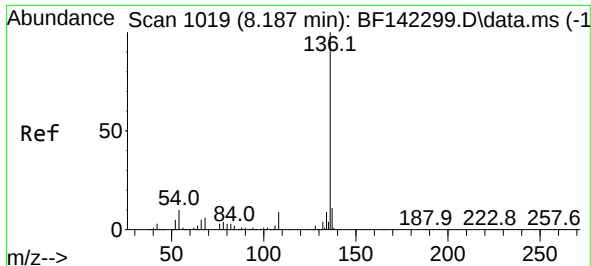
Tgt Ion: 99 Resp: 1424873
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.4
71 32.8 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.099 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Tgt Ion: 70 Resp: 119925
Ion Ratio Lower Upper
70 100
42 52.6 54.8 82.2#
101 0.0 7.7 11.5#
130 2.5 17.4 26.2#



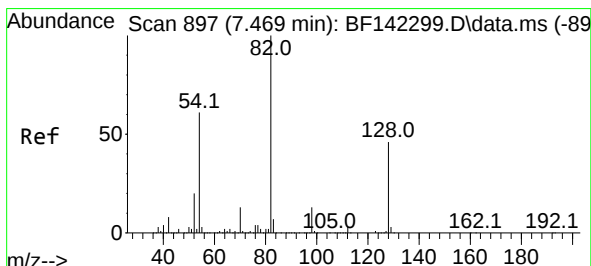
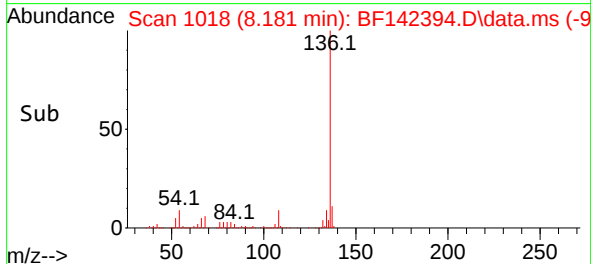
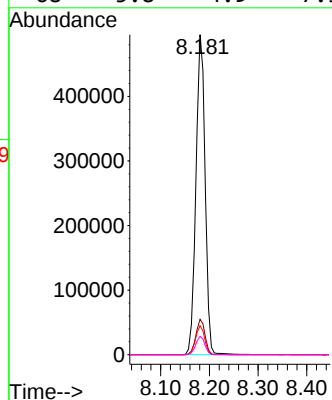
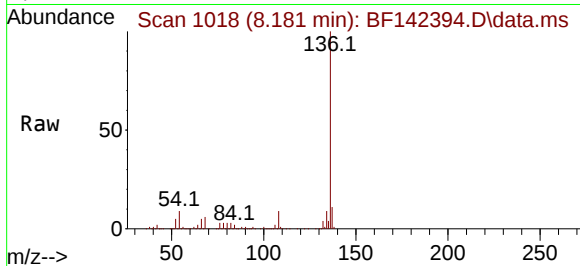


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Instrument :
BNA_F
ClientSampleId :
PB167953BL

Tgt Ion:136 Resp: 651521

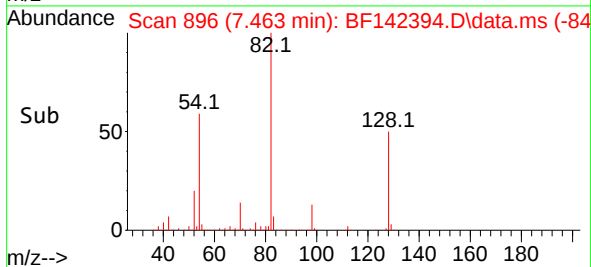
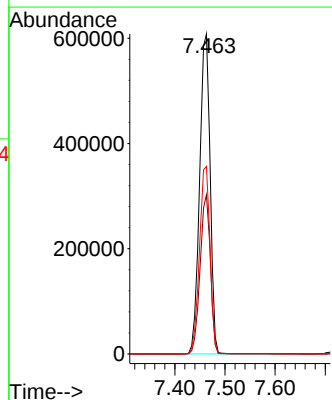
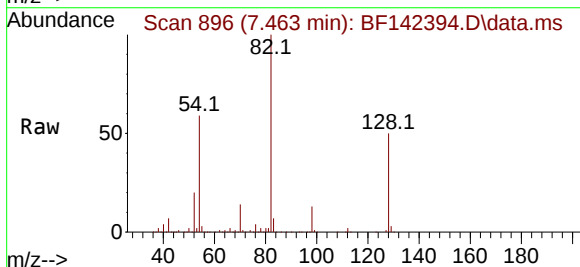
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.1	7.7	11.5
68	5.8	4.9	7.3

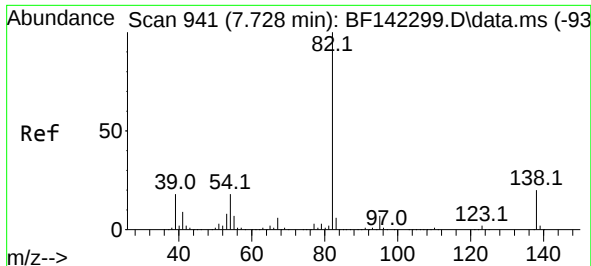


#23
Nitrobenzene-d5
Concen: 82.566 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Tgt Ion: 82 Resp: 882042

Ion	Ratio	Lower	Upper
82	100		
128	49.7	37.0	55.6
54	58.6	48.6	73.0

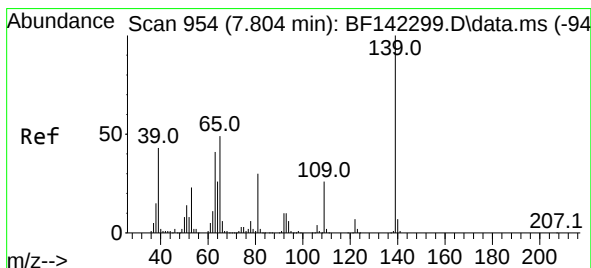
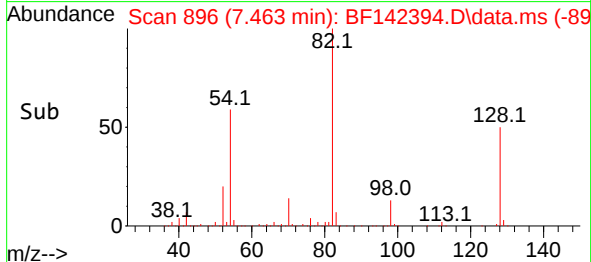
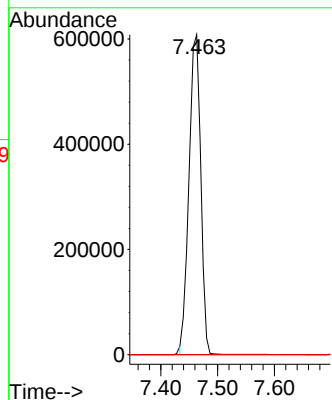
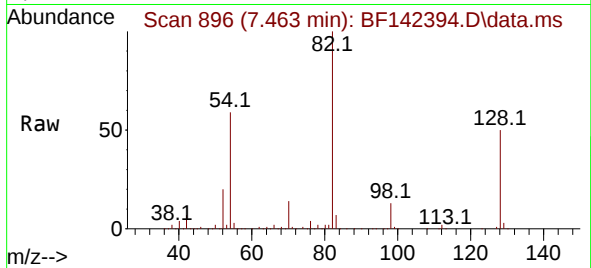




#25
Isophorone
Concen: 43.099 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

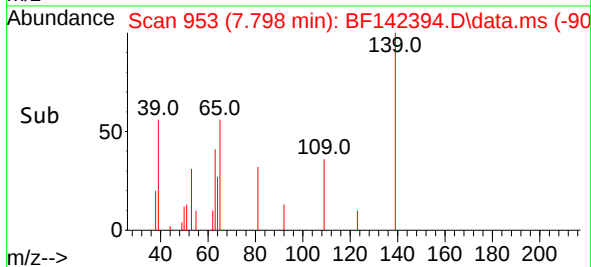
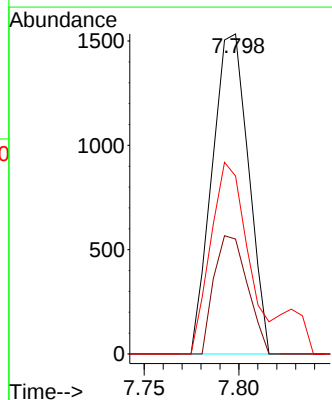
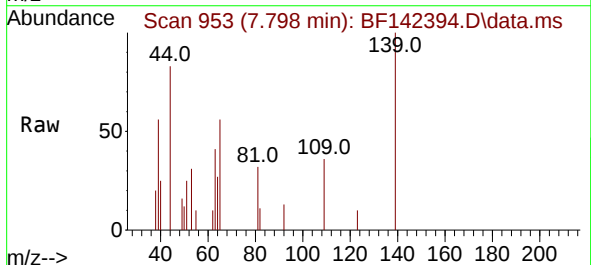
Instrument :
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ClientSampleId :
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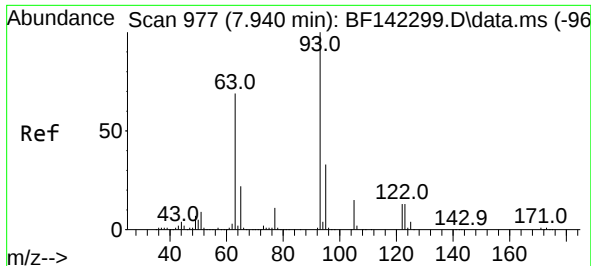
Tgt Ion: 82 Resp: 871886
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#26
2-Nitrophenol
Concen: 4.473 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Tgt Ion:139 Resp: 2045
Ion Ratio Lower Upper
139 100
109 35.9 20.8 31.2#
65 55.6 38.9 58.3

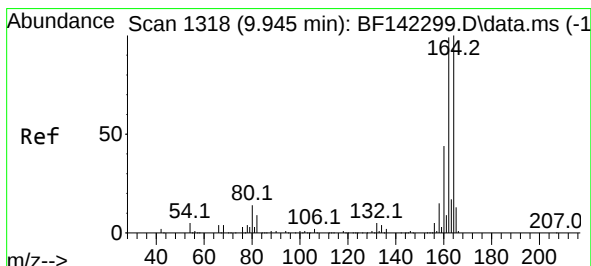
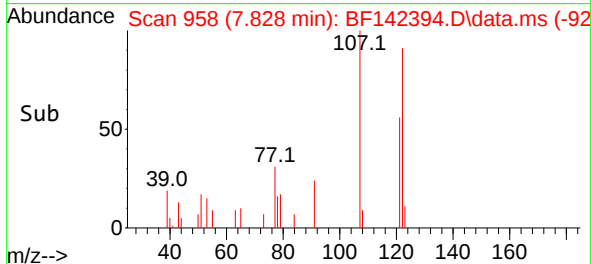
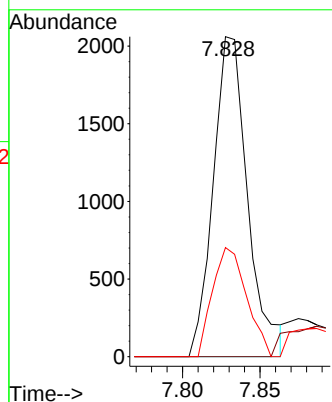
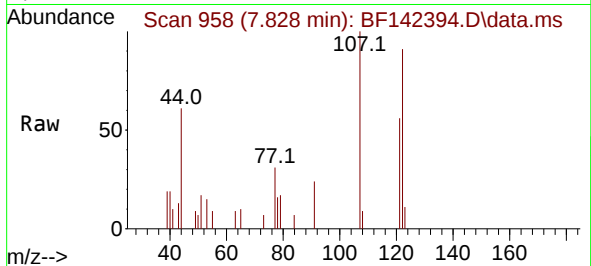




#32
Benzoic acid
Concen: 6.611 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.112 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

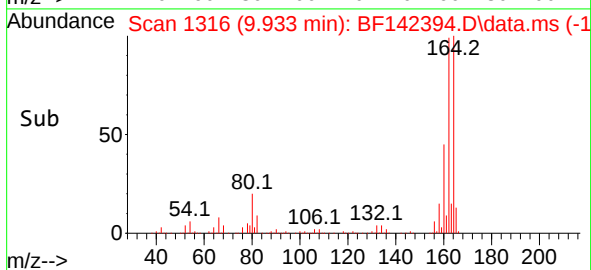
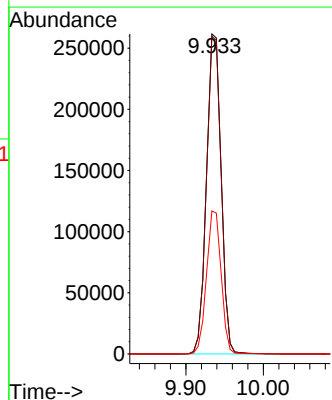
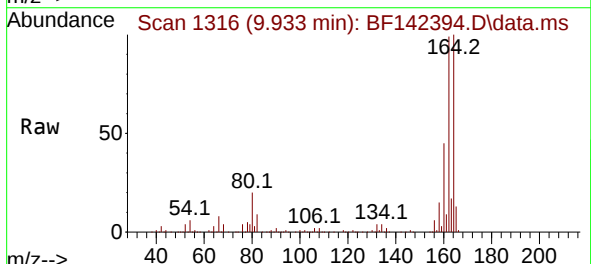
Instrument :
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ClientSampleId :
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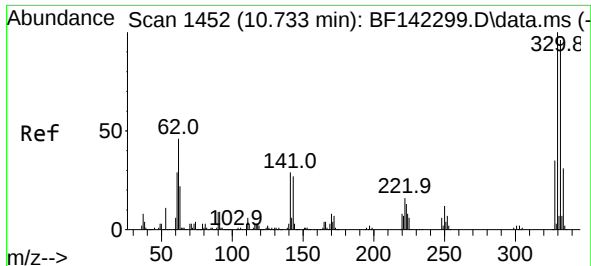
Tgt Ion:122 Resp: 3181
Ion Ratio Lower Upper
122 100
105 0.0 97.9 137.9#
77 34.1 67.7 107.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Tgt Ion:164 Resp: 343903
Ion Ratio Lower Upper
164 100
162 99.2 79.2 118.8
160 44.7 35.3 52.9

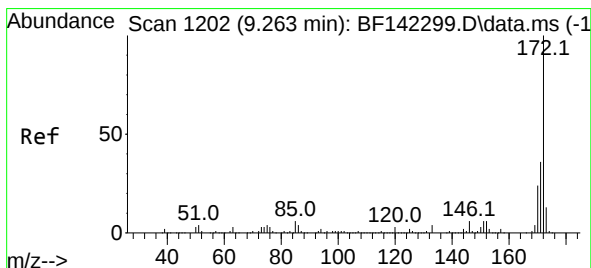
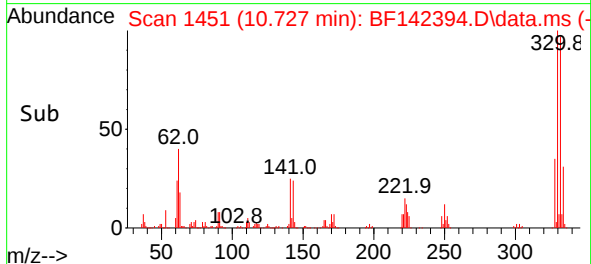
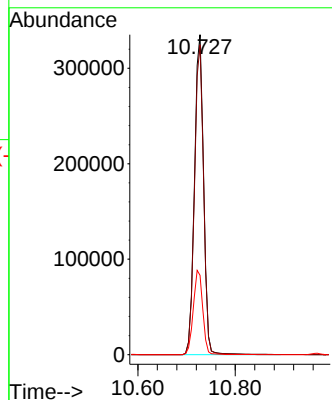
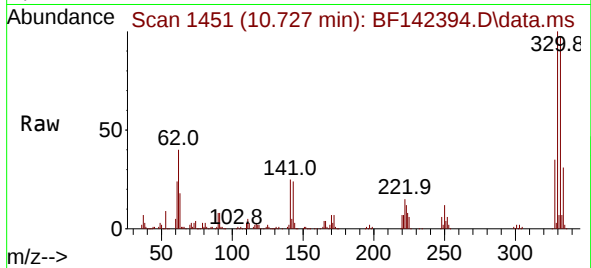




#42
2,4,6-Tribromophenol
Concen: 132.104 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

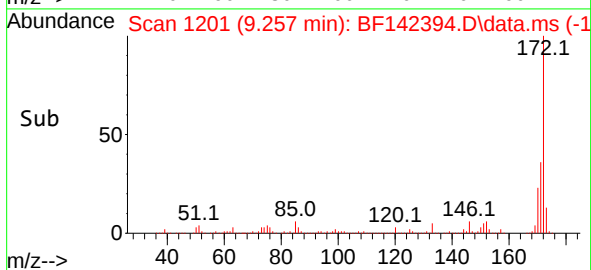
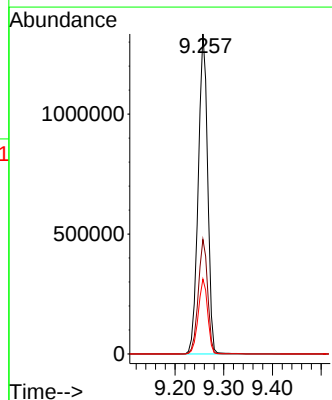
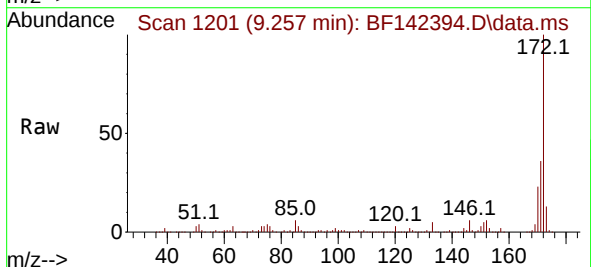
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BNA_F
ClientSampleId :
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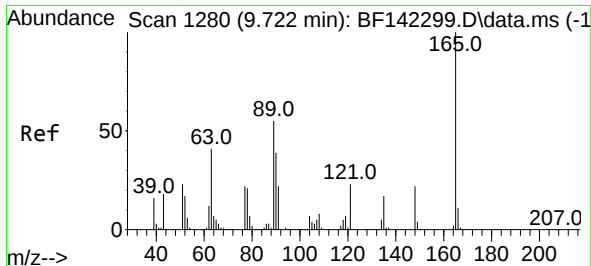
Tgt Ion:330 Resp: 438629
Ion Ratio Lower Upper
330 100
332 96.9 76.8 115.2
141 27.3 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 74.975 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Tgt Ion:172 Resp: 1808294
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.4 19.0 28.4

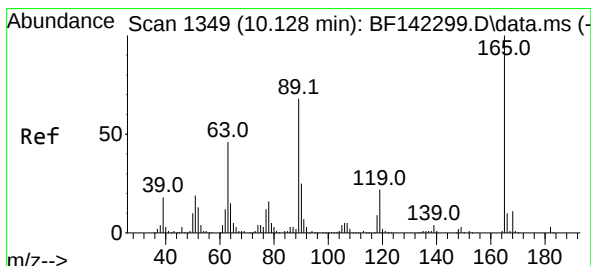
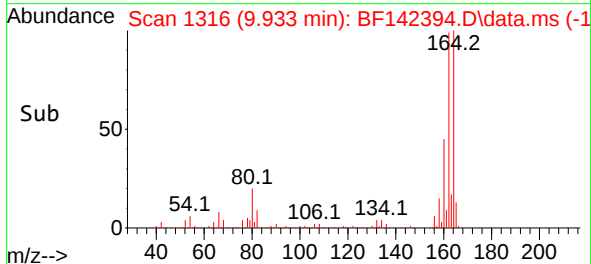
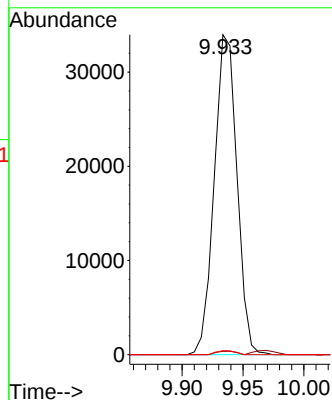
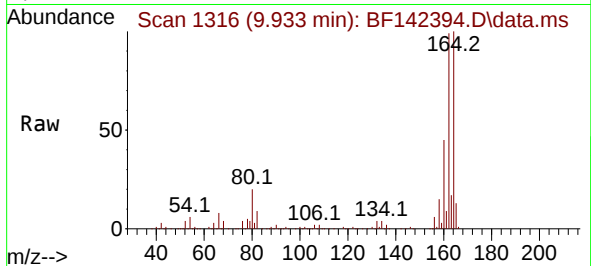




#51
2,6-Dinitrotoluene
Concen: 10.668 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

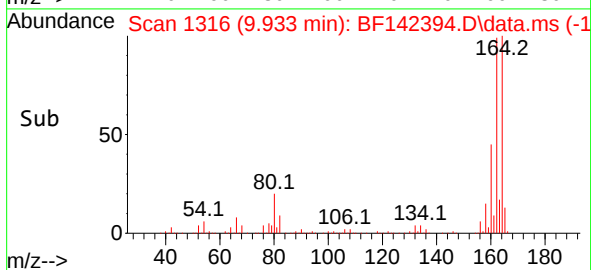
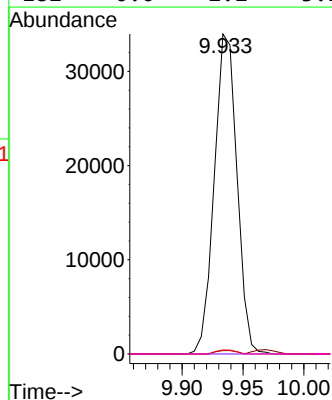
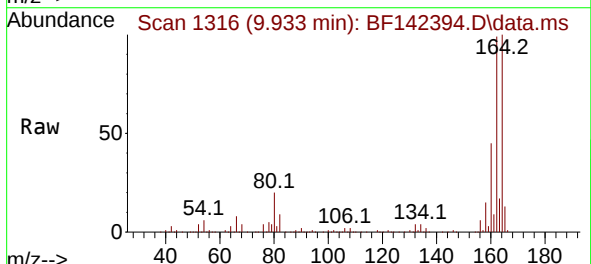
Instrument :
BNA_F
ClientSampleId :
PB167953BL

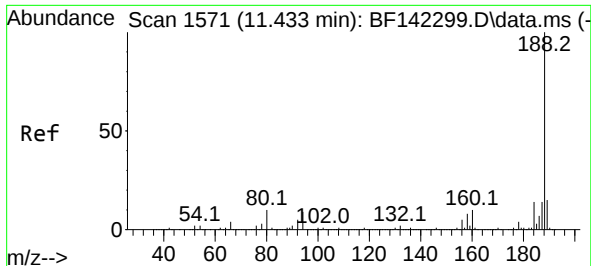
Tgt Ion:165 Resp: 44096
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.2 44.6 66.8#



#57
2,4-Dinitrotoluene
Concen: 8.317 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.194 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Tgt Ion:165 Resp: 44096
Ion Ratio Lower Upper
165 100
63 1.1 37.1 55.7#
89 1.2 54.4 81.6#
182 0.0 2.2 3.2#

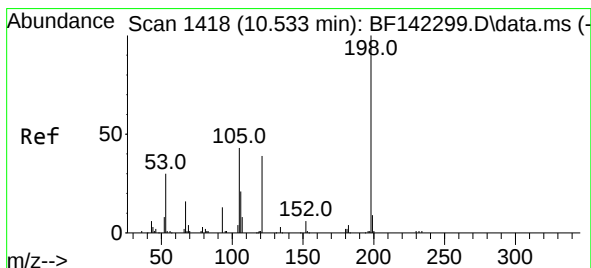
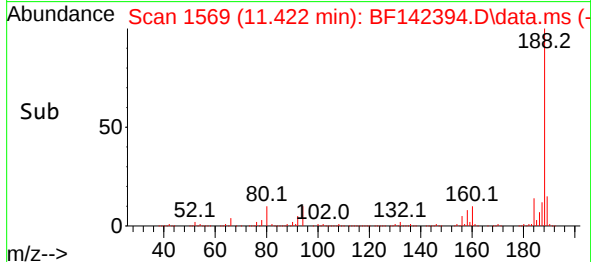
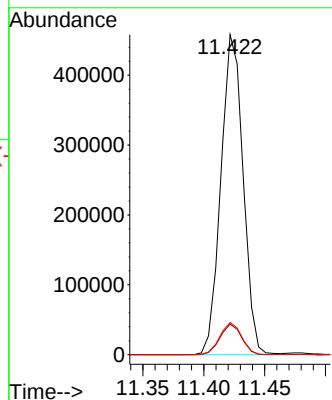
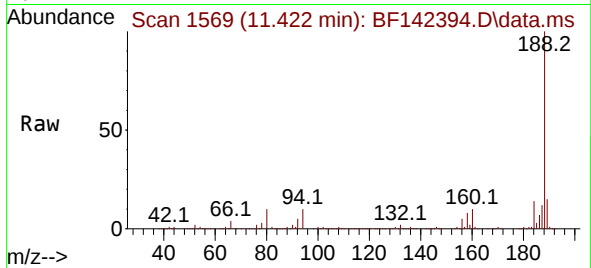




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

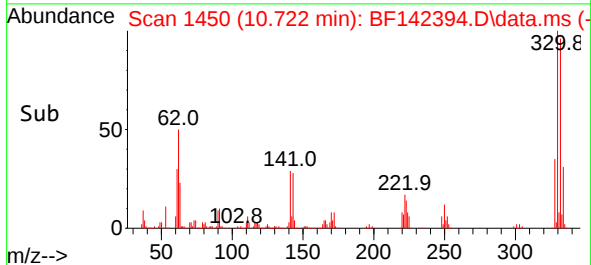
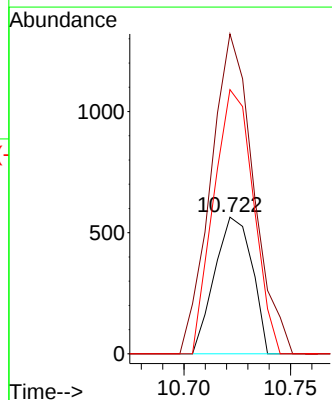
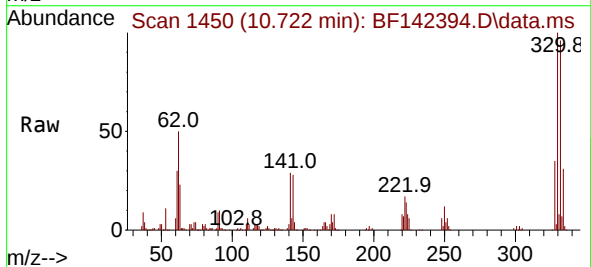
Instrument :
BNA_F
ClientSampleId :
PB167953BL

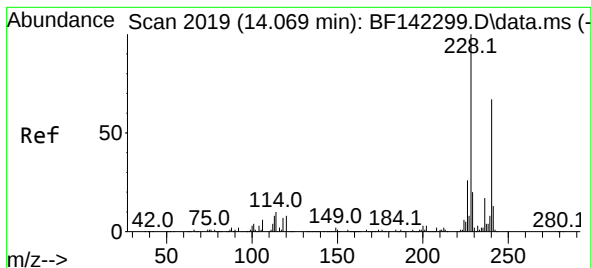
Tgt Ion:188 Resp: 581369
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.1 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 7.402 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.189 min
Lab File: BF142394.D
Acq: 15 May 2025 16:10

Tgt Ion:198 Resp: 691
Ion Ratio Lower Upper
198 100
51 234.0 32.9 72.9#
105 193.3 23.7 63.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142394.D

Acq: 15 May 2025 16:10

Instrument :

BNA_F

ClientSampleId :

PB167953BL

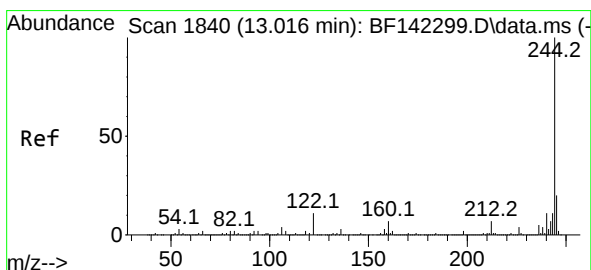
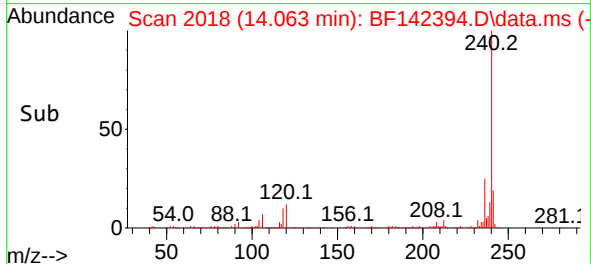
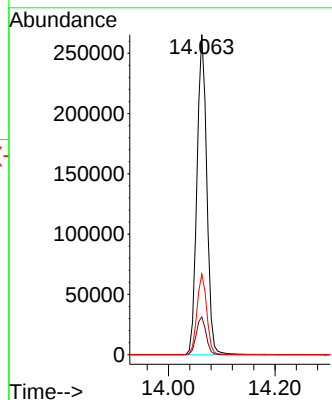
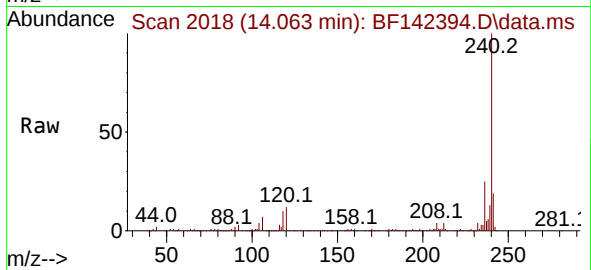
Tgt Ion:240 Resp: 340684

Ion Ratio Lower Upper

240 100

120 11.8 9.7 14.5

236 25.2 20.0 30.0



#79

Terphenyl-d14

Concen: 75.644 ng

RT: 13.010 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF142394.D

Acq: 15 May 2025 16:10

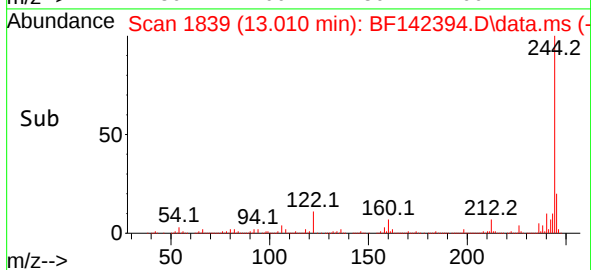
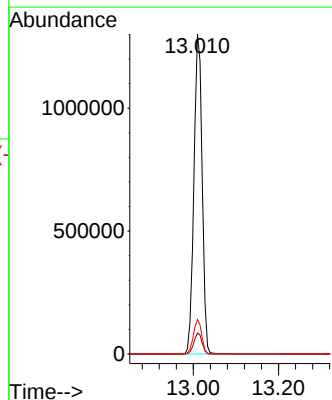
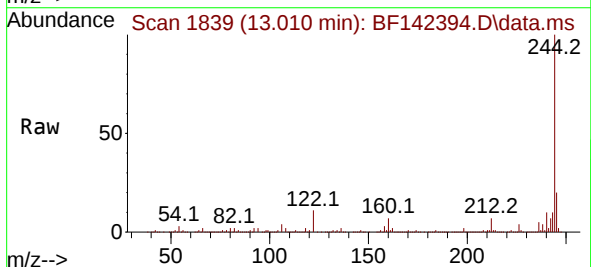
Tgt Ion:244 Resp: 1741142

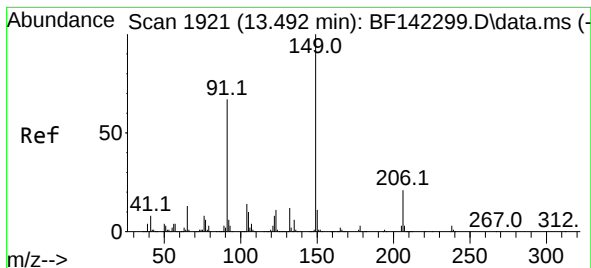
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.8 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.723 ng

RT: 13.486 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF142394.D

Acq: 15 May 2025 16:10

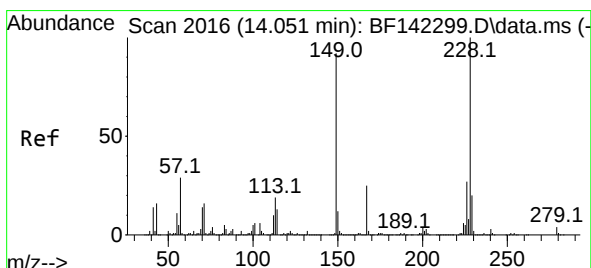
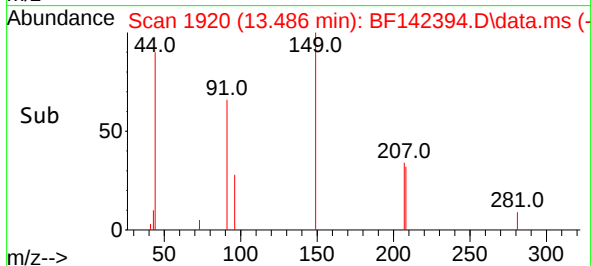
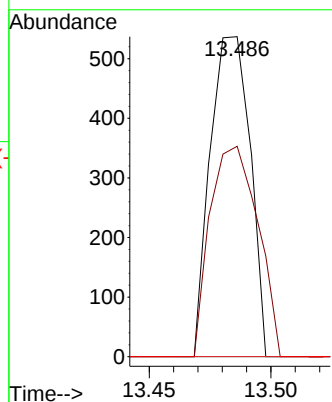
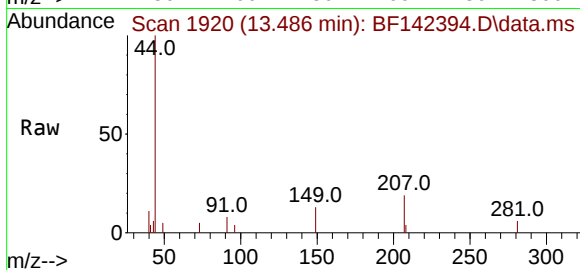
Instrument :

BNA_F

ClientSampleId :

PB167953BL

Tgt Ion:149	Resp:	612
Ion Ratio	Lower	Upper
149	100	
91	65.7	53.8 80.6
206	0.0	16.6 24.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.291 ng

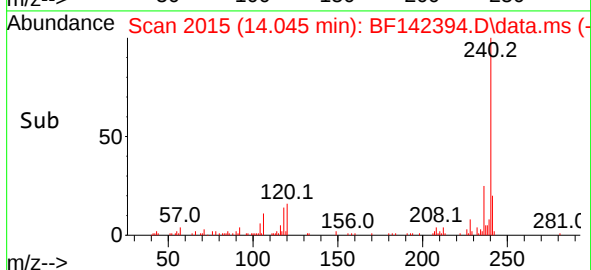
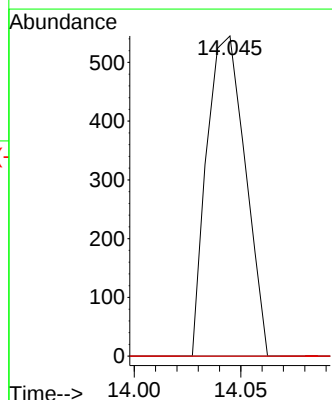
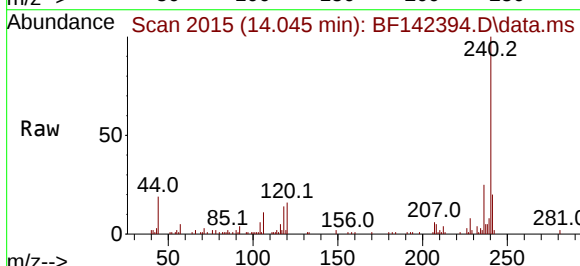
RT: 14.045 min Scan# 2015

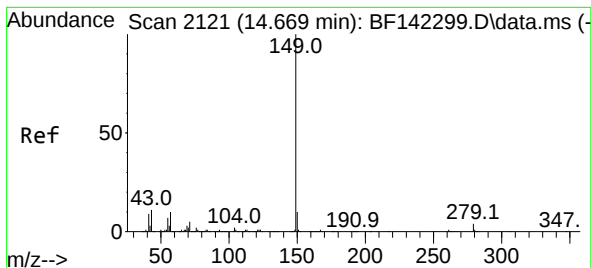
Delta R.T. -0.006 min

Lab File: BF142394.D

Acq: 15 May 2025 16:10

Tgt Ion:149	Resp:	684
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: 7.887 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.012 min

Lab File: BF142394.D

Acq: 15 May 2025 16:10

Instrument :

BNA_F

ClientSampleId :

PB167953BL

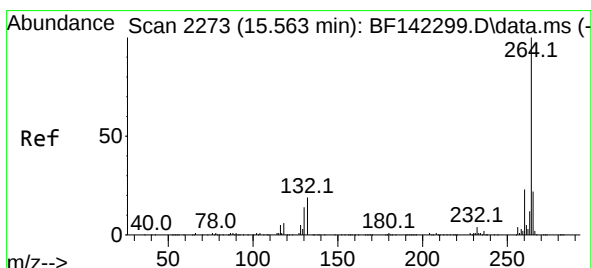
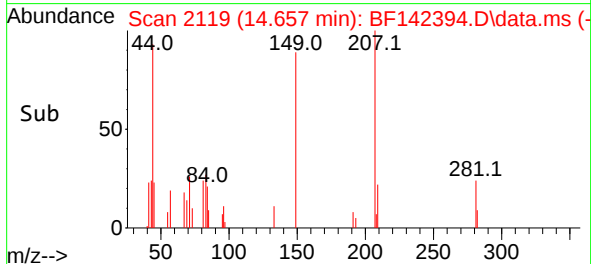
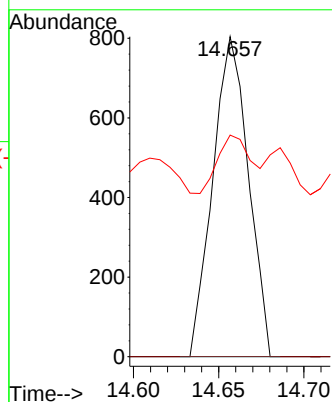
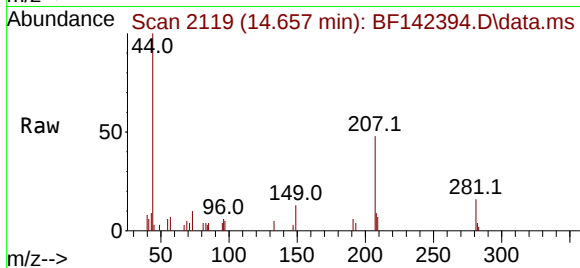
Tgt Ion:149 Resp: 1167

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 17.1 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF142394.D

Acq: 15 May 2025 16:10

Tgt Ion:264 Resp: 283265

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.5 17.5 26.3

