

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
 Data File : BF141812.D
 Acq On : 03 Mar 2025 14:46
 Operator : RC/JU
 Sample : PB166948BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166948BL

Quant Time: Mar 03 15:35:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

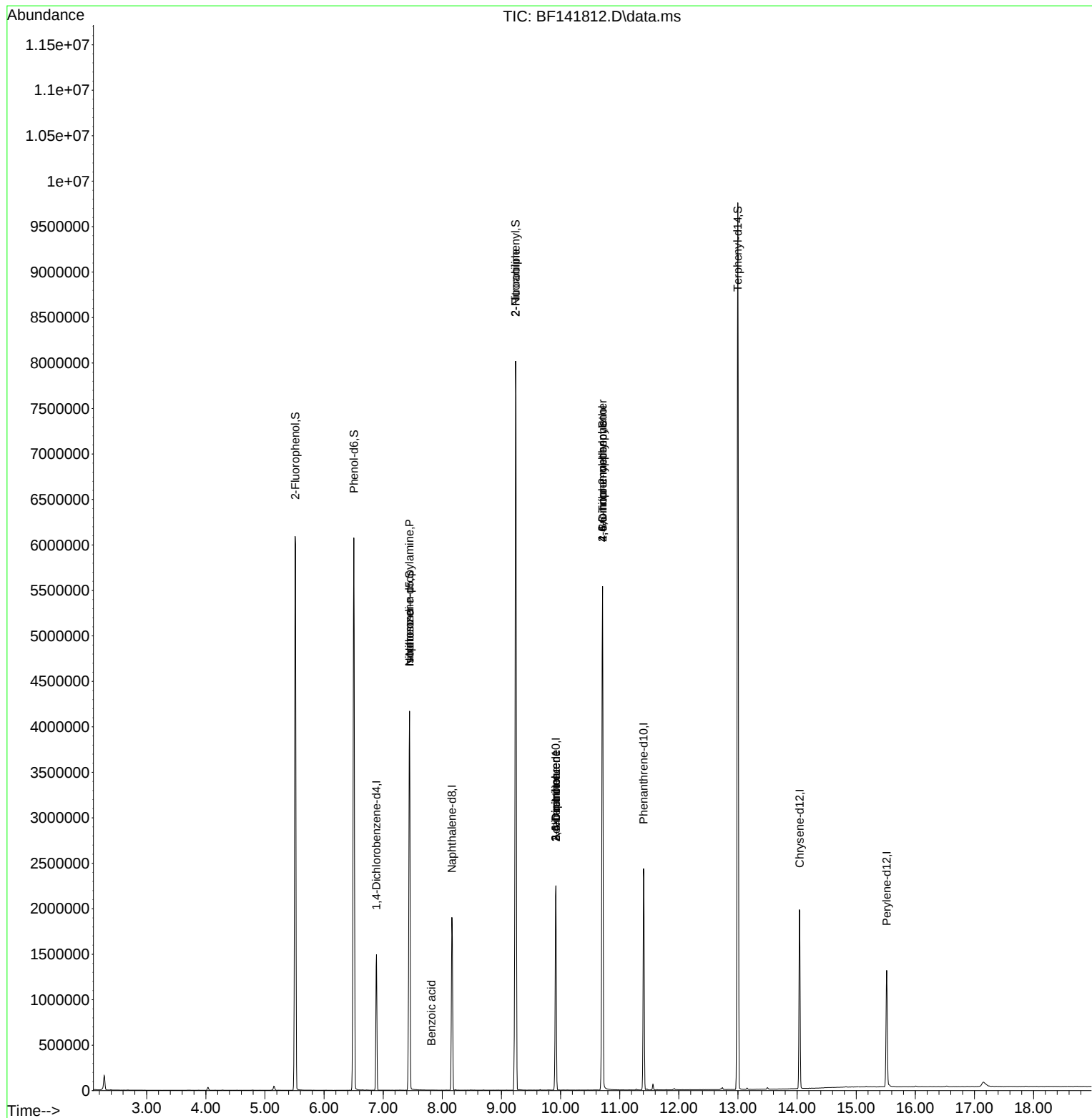
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	308197	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1246704	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	692288	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1249627	20.000	ng	0.00
76) Chrysene-d12	14.045	240	959363	20.000	ng	0.00
86) Perylene-d12	15.515	264	722543	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2541998	131.719	ng	0.02
7) Phenol-d6	6.504	99	3193458	127.134	ng	0.00
23) Nitrobenzene-d5	7.445	82	2047675	104.987	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	989452	152.239	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	3881018	89.890	ng	0.00
79) Terphenyl-d14	12.998	244	4932297	83.181	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	282760	17.124	ng	# 80
25) Isophorone	7.445	82	2043402	48.766	ng	# 66
32) Benzoic acid	7.816	122	358	7.714	ng	# 62
48) 2-Nitroaniline	9.239	65	7380	4.970	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	90012	12.380	ng	# 21
53) 3-Nitroaniline	9.922	138	55	2.972	ng	# 1
57) 2,4-Dinitrotoluene	9.922	165	90012	11.224	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.710	198	2463	8.474	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	66863	4.581	ng	# 1

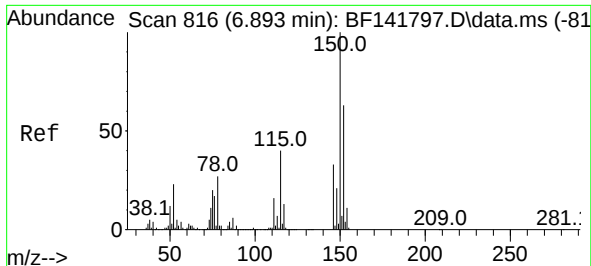
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141812.D
Acq On : 03 Mar 2025 14:46
Operator : RC/JU
Sample : PB166948BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166948BL

Quant Time: Mar 03 15:35:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration

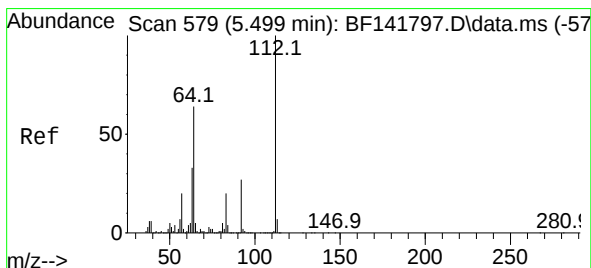
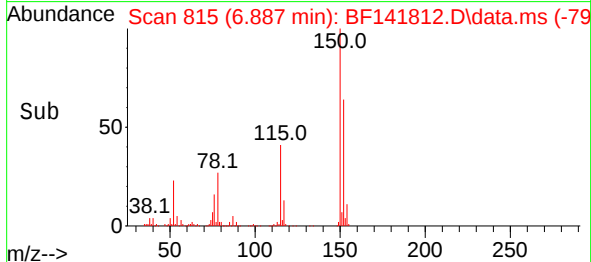
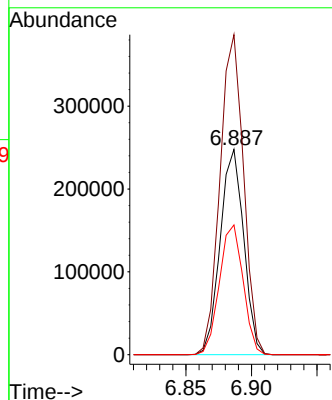
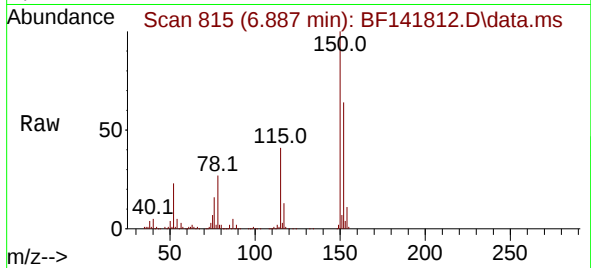




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF141812.D
Acq: 03 Mar 2025 14:46

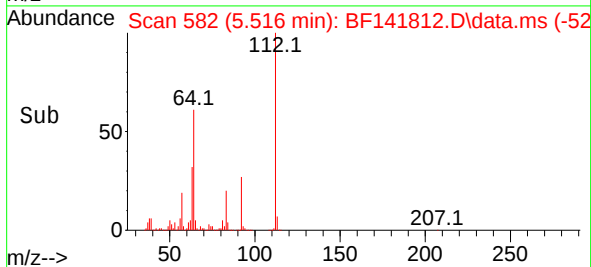
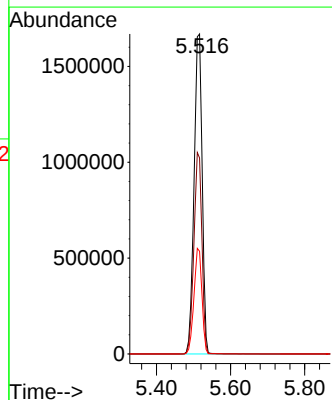
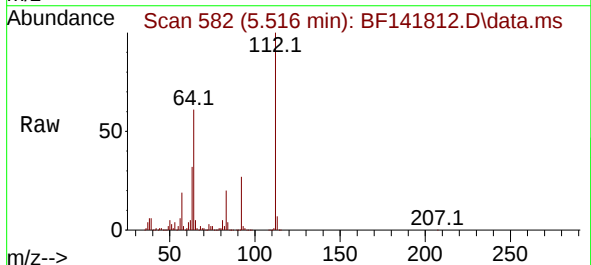
Instrument :
BNA_F
ClientSampleId :
PB166948BL

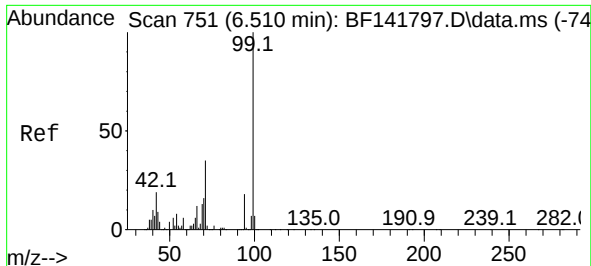
Tgt Ion:152 Resp: 308197
Ion Ratio Lower Upper
152 100
150 155.9 127.5 191.3
115 63.3 51.4 77.2



#5
2-Fluorophenol
Concen: 131.719 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.017 min
Lab File: BF141812.D
Acq: 03 Mar 2025 14:46

Tgt Ion:112 Resp: 2541998
Ion Ratio Lower Upper
112 100
64 61.2 51.3 76.9
63 32.1 26.2 39.4

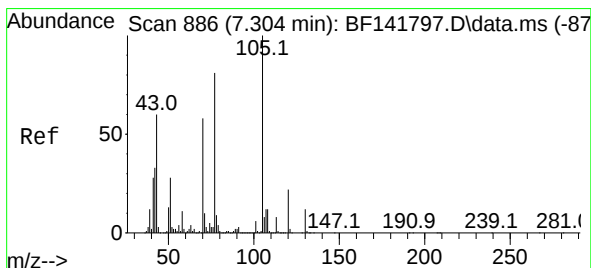
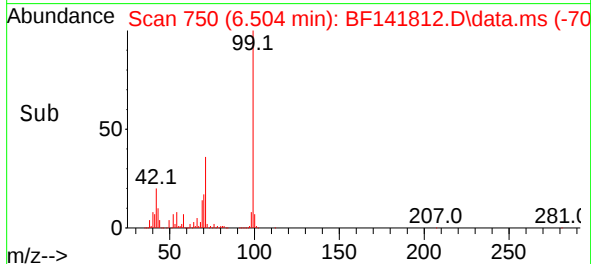
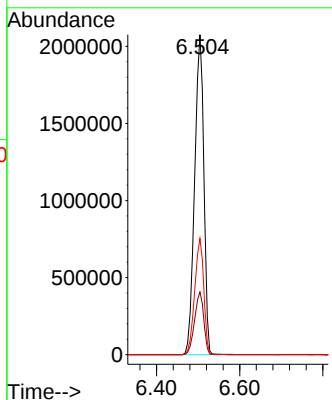
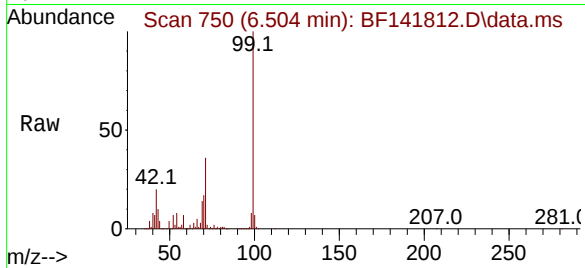




#7
Phenol-d6
Concen: 127.134 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141812.D
Acq: 03 Mar 2025 14:46

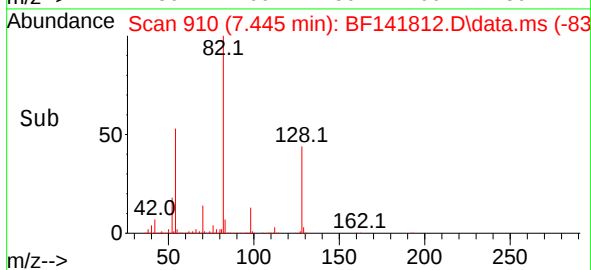
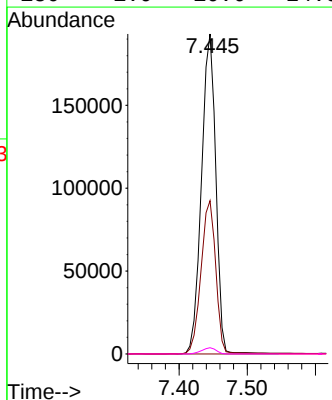
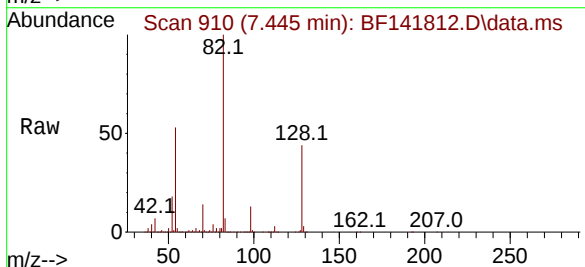
Instrument :
BNA_F
ClientSampleId :
PB166948BL

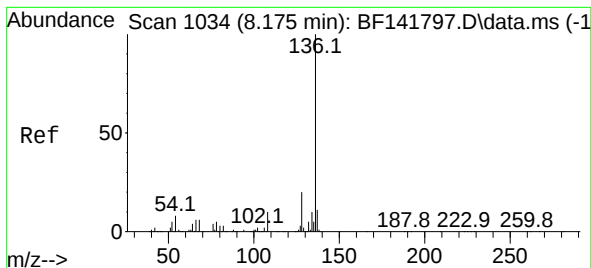
Tgt Ion: 99 Resp: 3193458
Ion Ratio Lower Upper
99 100
42 19.6 15.2 22.8
71 36.3 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.124 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF141812.D
Acq: 03 Mar 2025 14:46

Tgt Ion: 70 Resp: 282760
Ion Ratio Lower Upper
70 100
42 47.9 45.4 68.0
101 0.0 7.8 11.8#
130 1.9 16.6 24.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141812.D

Acq: 03 Mar 2025 14:46

Instrument :

BNA_F

ClientSampleId :

PB166948BL

Tgt Ion:136 Resp: 1246704

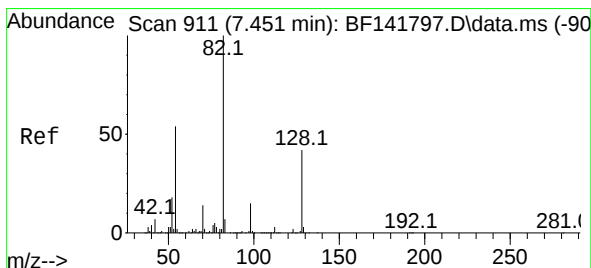
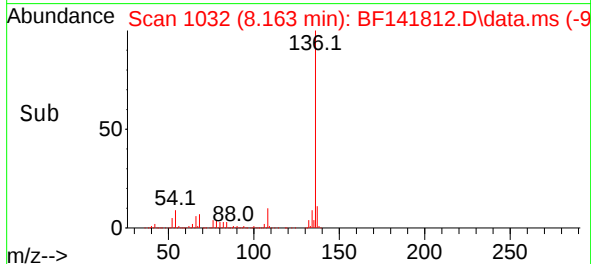
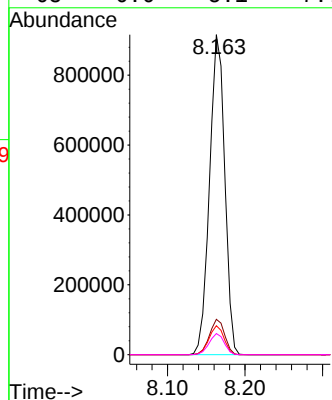
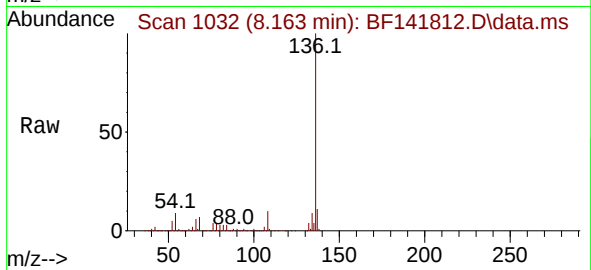
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.1 6.9 10.3

68 6.6 5.1 7.7



#23

Nitrobenzene-d5

Concen: 104.987 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF141812.D

Acq: 03 Mar 2025 14:46

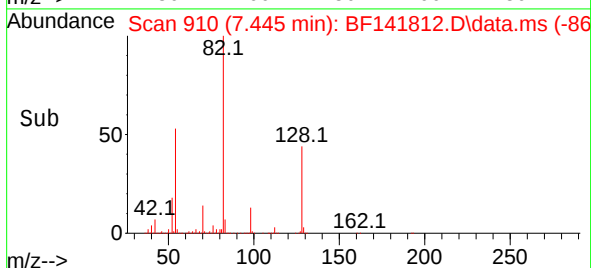
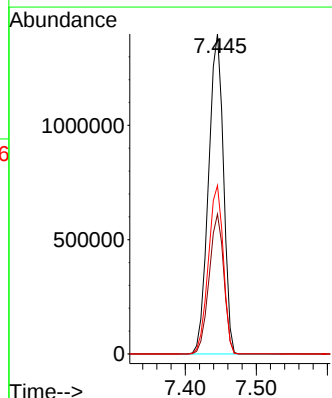
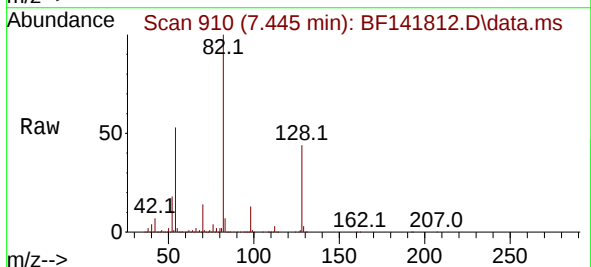
Tgt Ion: 82 Resp: 2047675

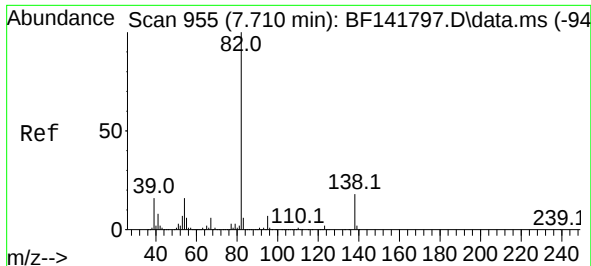
Ion Ratio Lower Upper

82 100

128 43.7 33.5 50.3

54 52.6 42.7 64.1

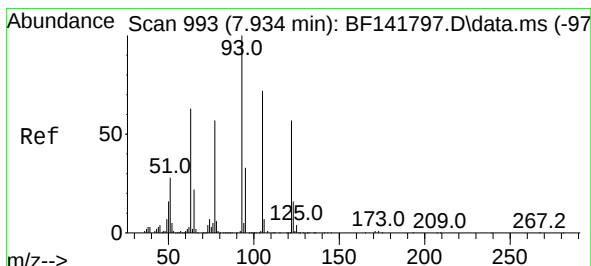
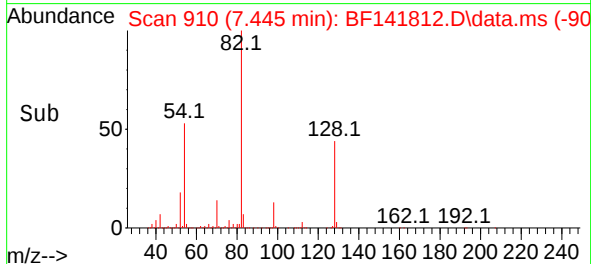
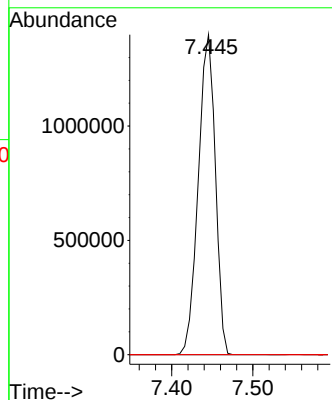
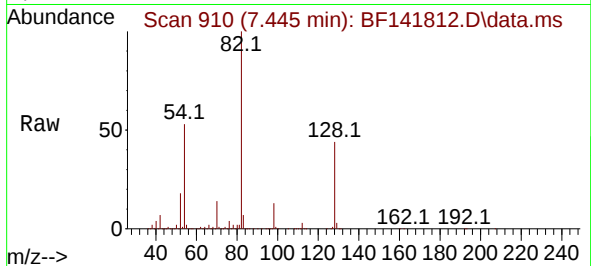




#25
Isophorone
Concen: 48.766 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF141812.D
Acq: 03 Mar 2025 14:46

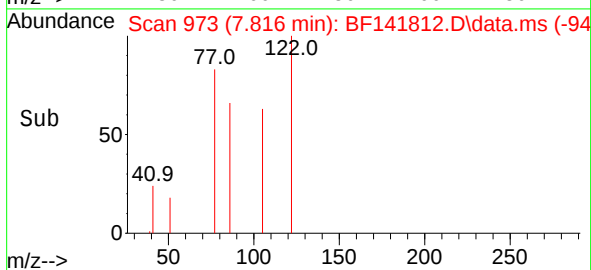
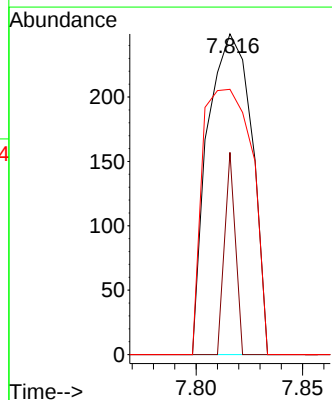
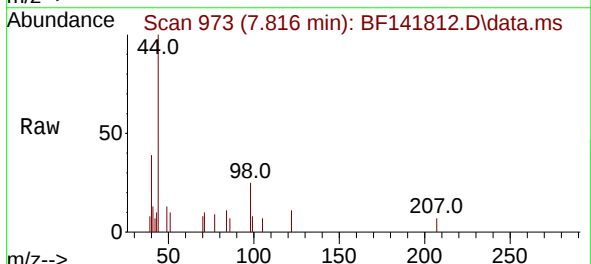
Instrument :
BNA_F
ClientSampleId :
PB166948BL

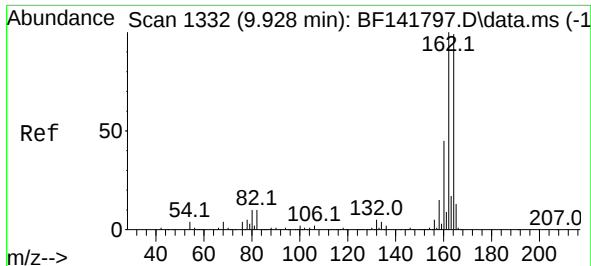
Tgt Ion: 82 Resp: 2043402
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 14.0 21.0#



#32
Benzoic acid
Concen: 7.714 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.118 min
Lab File: BF141812.D
Acq: 03 Mar 2025 14:46

Tgt Ion:122 Resp: 358
Ion Ratio Lower Upper
122 100
105 63.1 105.8 145.8#
77 82.7 79.9 119.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF141812.D

Acq: 03 Mar 2025 14:46

Instrument :

BNA_F

ClientSampleId :

PB166948BL

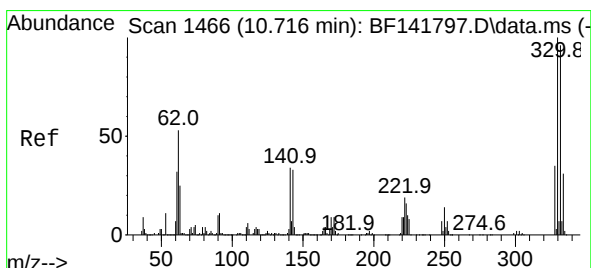
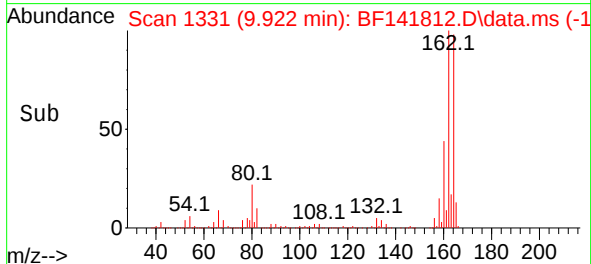
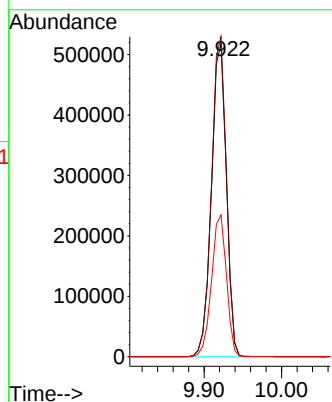
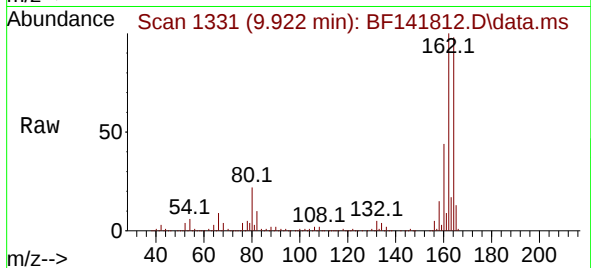
Tgt Ion:164 Resp: 692288

Ion Ratio Lower Upper

164 100

162 102.2 80.6 120.8

160 45.3 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 152.239 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF141812.D

Acq: 03 Mar 2025 14:46

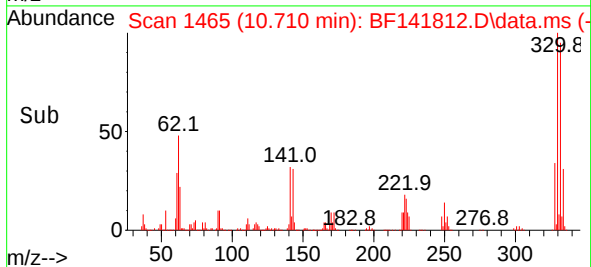
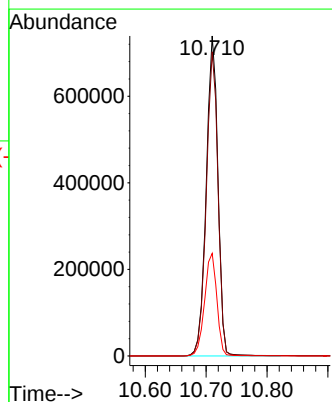
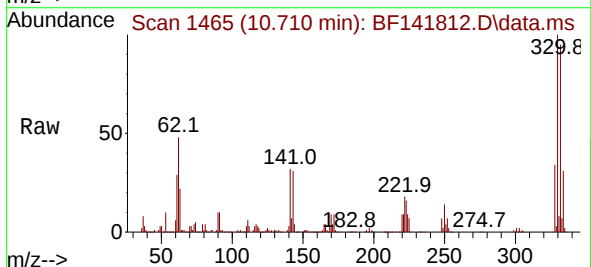
Tgt Ion:330 Resp: 989452

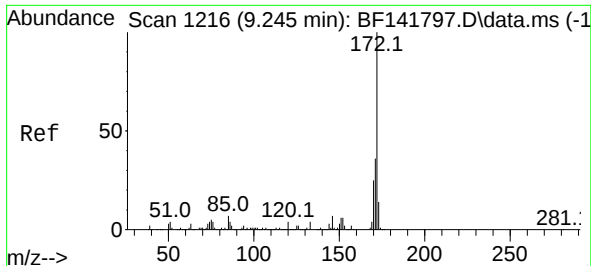
Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

141 33.6 29.0 43.4





#45

2-Fluorobiphenyl

Concen: 89.890 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141812.D

Acq: 03 Mar 2025 14:46

Instrument :

BNA_F

ClientSampleId :

PB166948BL

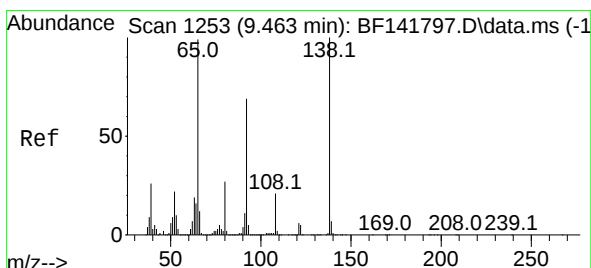
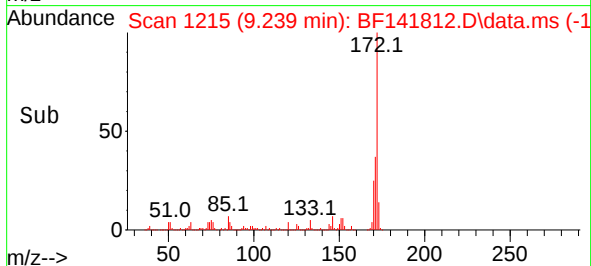
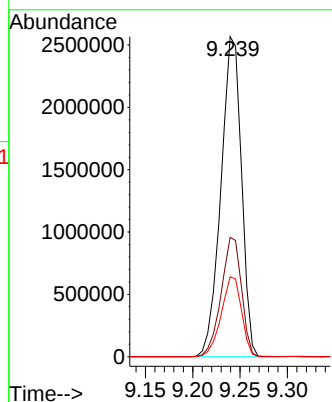
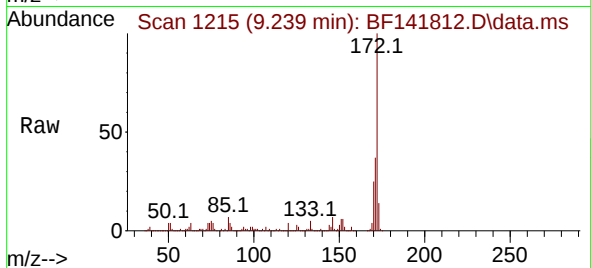
Tgt Ion:172 Resp: 3881018

Ion Ratio Lower Upper

172 100

171 37.3 29.2 43.8

170 24.9 19.7 29.5



#48

2-Nitroaniline

Concen: 4.970 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.224 min

Lab File: BF141812.D

Acq: 03 Mar 2025 14:46

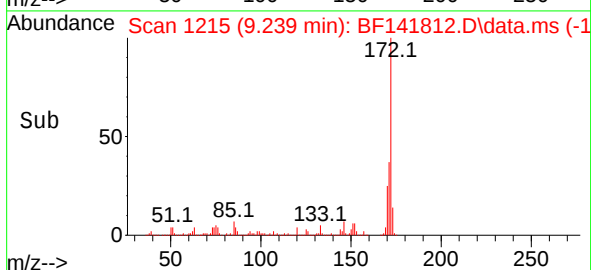
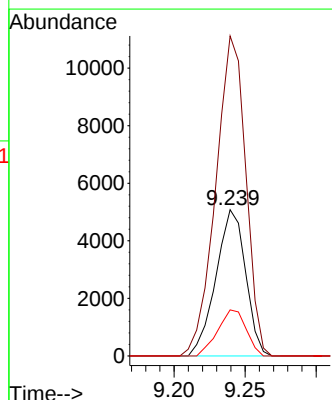
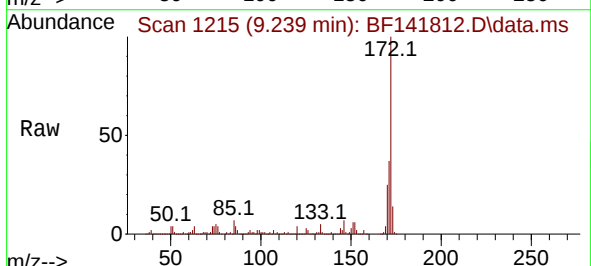
Tgt Ion: 65 Resp: 7380

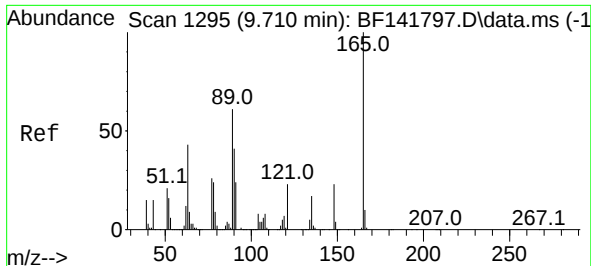
Ion Ratio Lower Upper

65 100

92 218.9 55.7 83.5#

138 31.5 80.6 121.0#

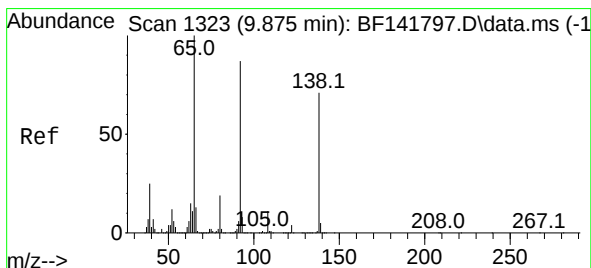
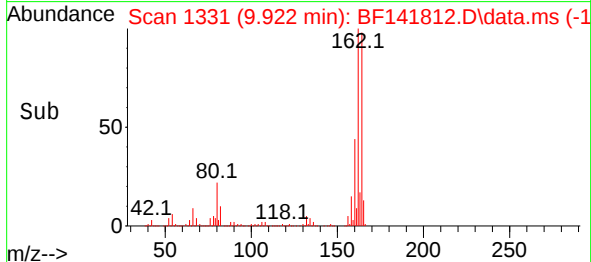
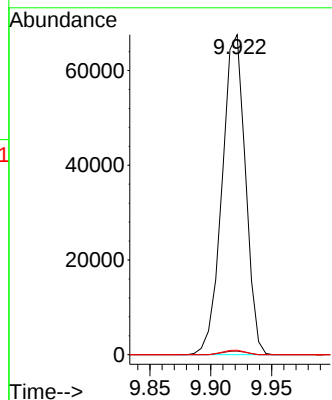
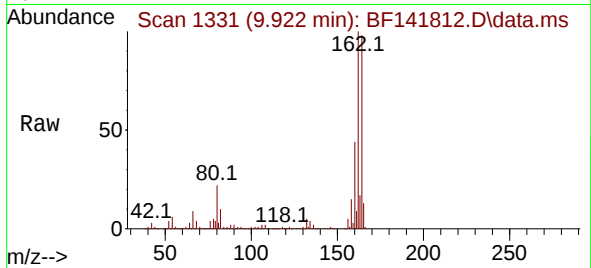




#51
2,6-Dinitrotoluene
Concen: 12.380 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF141812.D
Acq: 03 Mar 2025 14:46

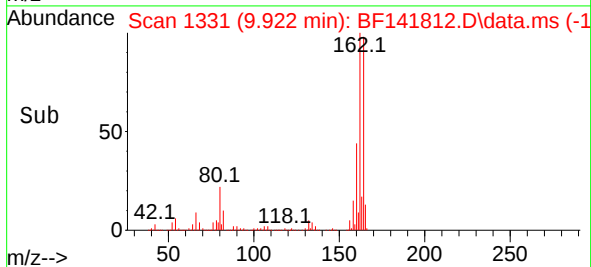
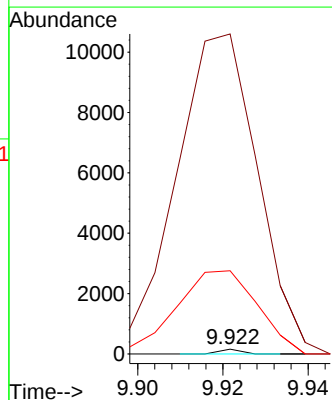
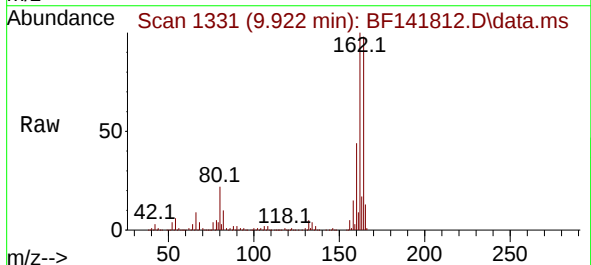
Instrument :
BNA_F
ClientSampleId :
PB166948BL

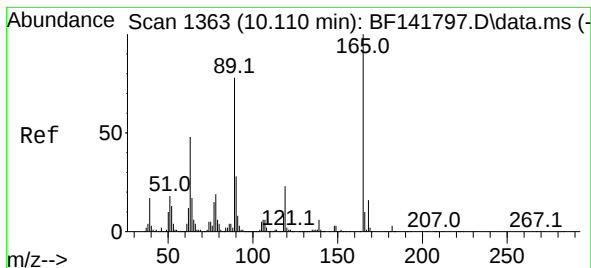
Tgt Ion:165 Resp: 90012
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.4 49.0 73.4#



#53
3-Nitroaniline
Concen: 2.972 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.047 min
Lab File: BF141812.D
Acq: 03 Mar 2025 14:46

Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
108 6752.9 12.7 19.1#
92 1755.4 97.9 146.9#





#57

2,4-Dinitrotoluene

Concen: 11.224 ng

RT: 9.922 min Scan# 14

Delta R.T. -0.188 min

Lab File: BF141812.D

Acq: 03 Mar 2025 14:46

Instrument :

BNA_F

ClientSampleId :

PB166948BL

Tgt Ion:165 Resp: 90012

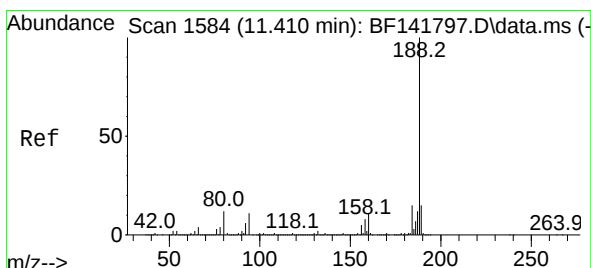
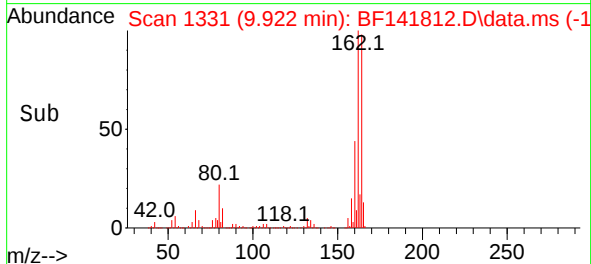
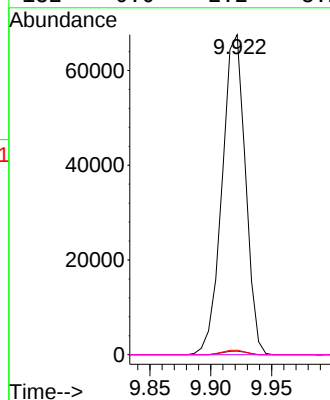
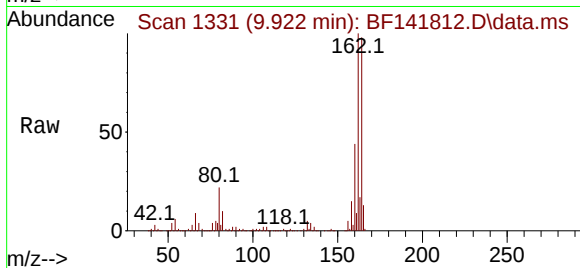
Ion Ratio Lower Upper

165 100

63 1.1 38.8 58.2#

89 1.4 62.6 94.0#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF141812.D

Acq: 03 Mar 2025 14:46

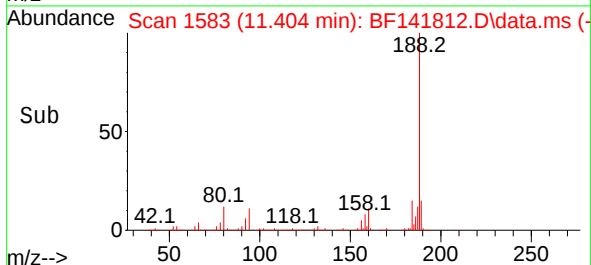
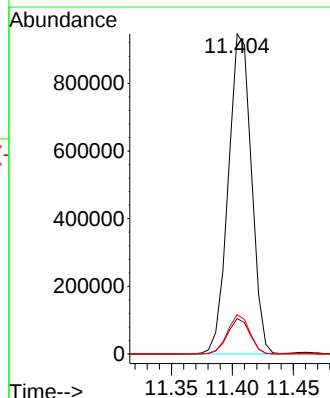
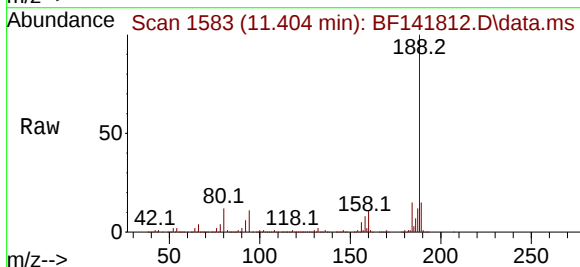
Tgt Ion:188 Resp: 1249627

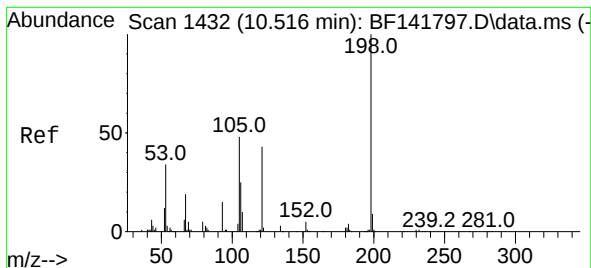
Ion Ratio Lower Upper

188 100

94 11.0 8.9 13.3

80 12.3 9.7 14.5

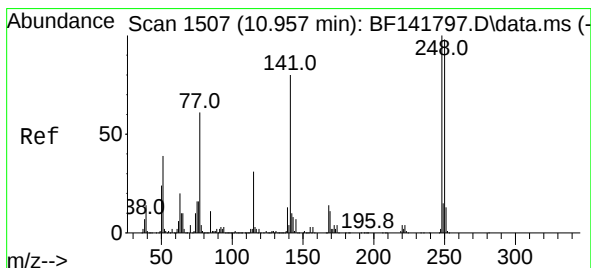
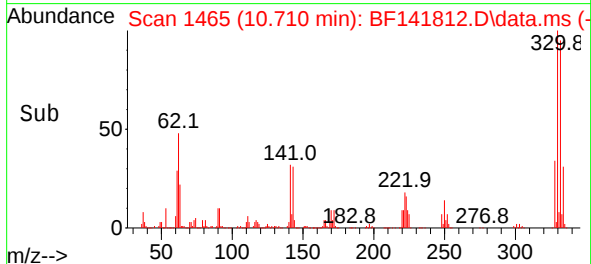
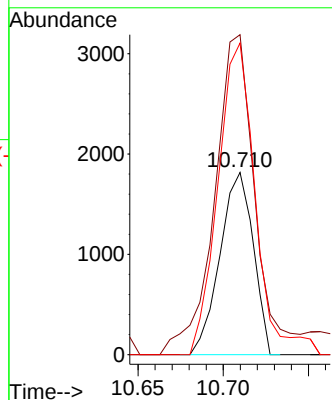
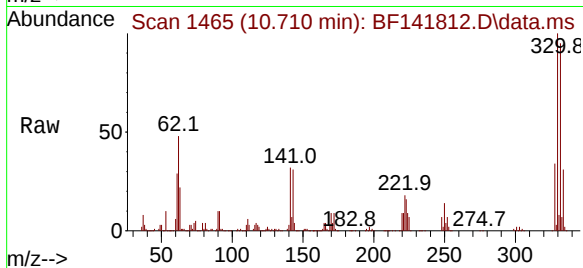




#65
4,6-Dinitro-2-methylphenol
Concen: 8.474 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.194 min
Lab File: BF141812.D
Acq: 03 Mar 2025 14:46

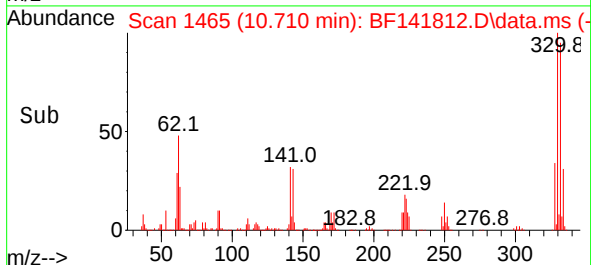
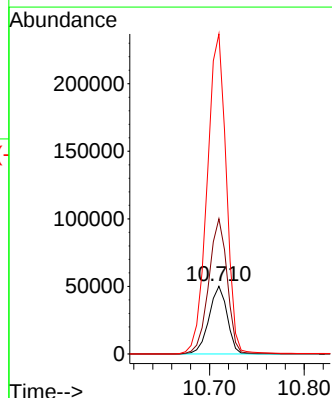
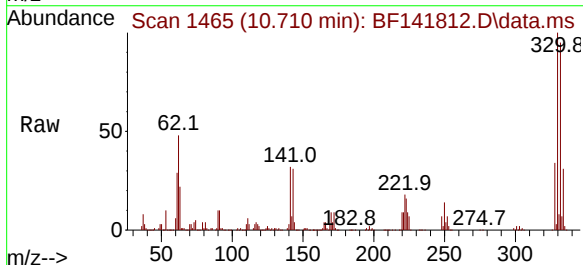
Instrument :
BNA_F
ClientSampleId :
PB166948BL

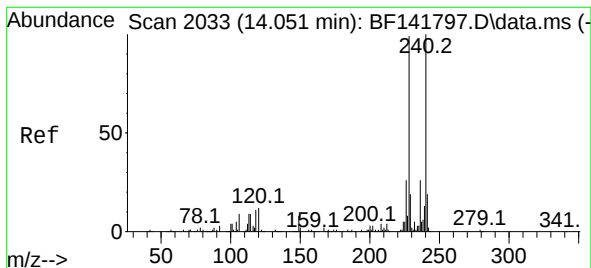
Tgt Ion:198 Resp: 2463
Ion Ratio Lower Upper
198 100
51 175.6 32.1 72.1#
105 171.0 28.5 68.5#



#67
4-Bromophenyl-phenylether
Concen: 4.581 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF141812.D
Acq: 03 Mar 2025 14:46

Tgt Ion:248 Resp: 66863
Ion Ratio Lower Upper
248 100
250 199.7 78.1 117.1#
141 472.7 64.3 96.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF141812.D

Acq: 03 Mar 2025 14:46

Instrument :

BNA_F

ClientSampleId :

PB166948BL

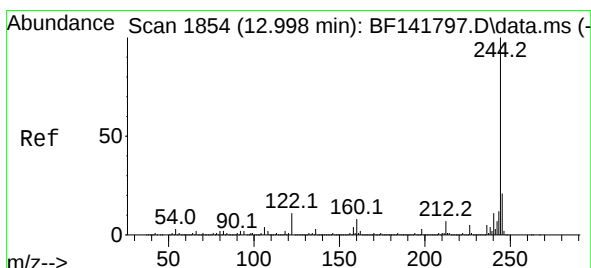
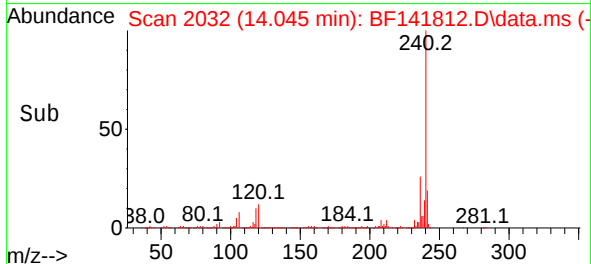
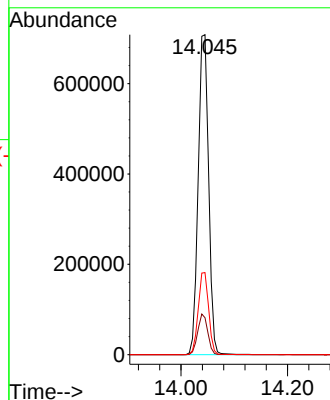
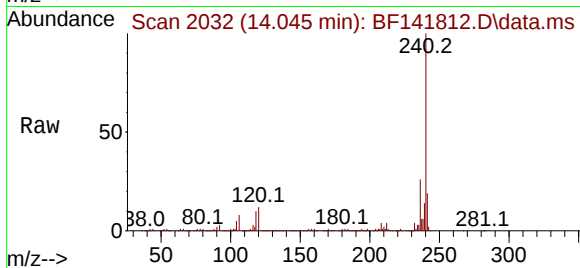
Tgt Ion:240 Resp: 959363

Ion Ratio Lower Upper

240 100

120 11.5 9.7 14.5

236 25.7 21.0 31.4



#79

Terphenyl-d14

Concen: 83.181 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF141812.D

Acq: 03 Mar 2025 14:46

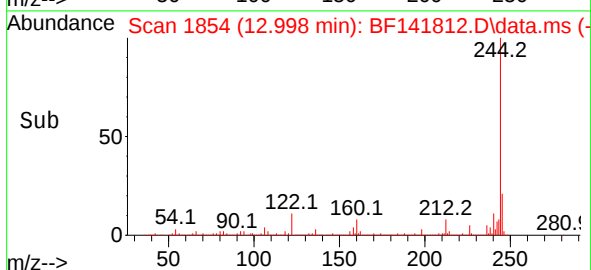
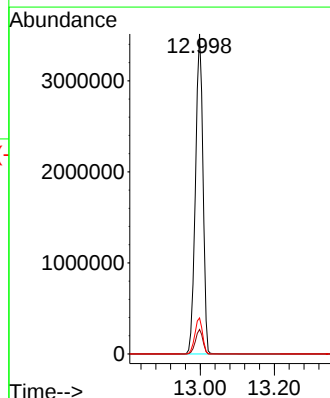
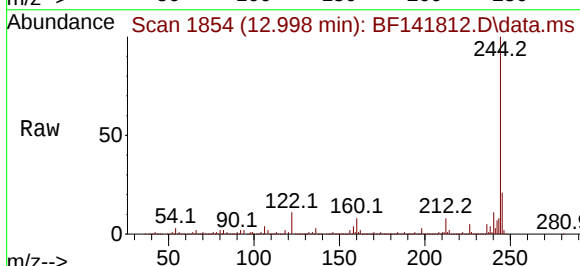
Tgt Ion:244 Resp: 4932297

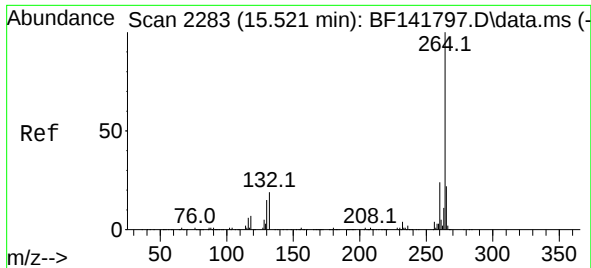
Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

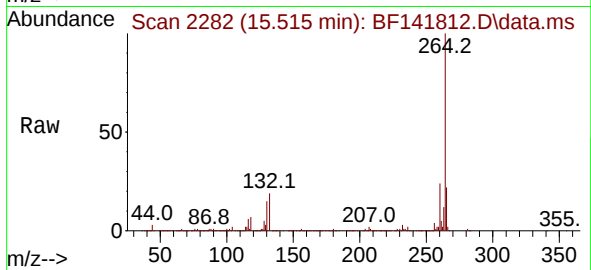
122 11.3 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF141812.D
 Acq: 03 Mar 2025 14:46

Instrument :
 BNA_F
 ClientSampleId :
 PB166948BL



Tgt Ion:264 Resp: 722543
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 21.6 17.4 26.0

