

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130142.D
 Acq On : 06 Sep 2022 17:36
 Operator : CG\JU
 Sample : PB147422BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147422BL

Quant Time: Sep 07 02:15:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

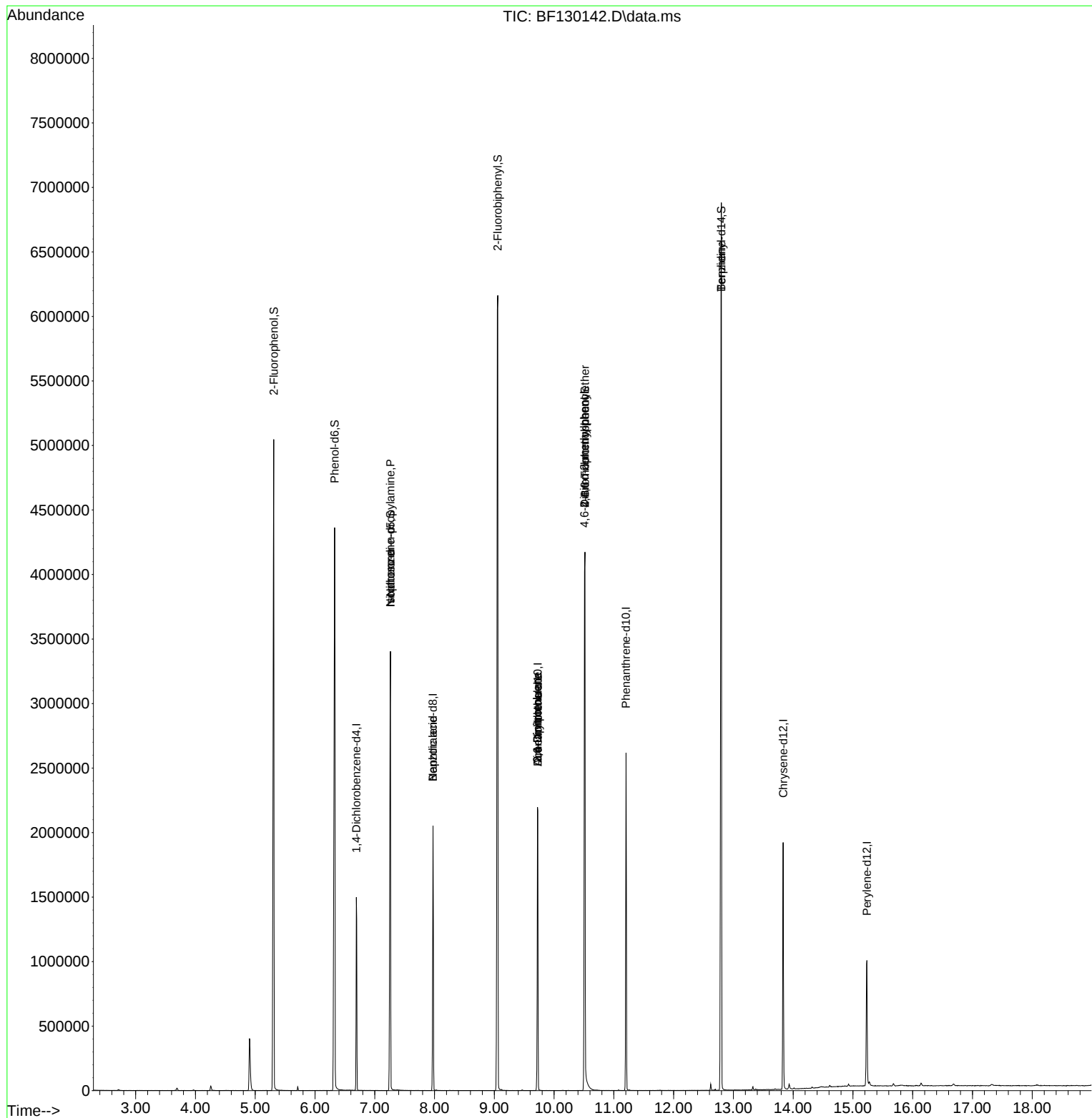
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	225825	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	907369	20.000	ng	0.00
39) Acenaphthene-d10	9.727	164	488897	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	870362	20.000	ng	# 0.00
76) Chrysene-d12	13.833	240	585380	20.000	ng	-0.01
86) Perylene-d12	15.233	264	418825	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1620283	121.806	ng	0.01
7) Phenol-d6	6.328	99	2053293	123.812	ng	0.00
23) Nitrobenzene-d5	7.263	82	1219756	86.392	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	612848	137.709	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2286979	77.556	ng	0.00
79) Terphenyl-d14	12.798	244	2646602	78.403	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.263	70	156254	15.640	ng	# 73
25) Isophorone	7.263	82	1213970	42.481	ng	# 65
32) Benzoic acid	7.975	122	81	6.579	ng	# 1
50) Dimethylphthalate	9.727	163	92002	2.763	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	63754	9.820	ng	# 23
57) 2,4-Dinitrotoluene	9.722	165	63754	8.529	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.510	198	1301	6.358	ng	# 1
67) 4-Bromophenyl-phenylether	10.516	248	36007	3.719	ng	# 1
77) Benzidine	12.798	184	37031	2.343	ng	# 95

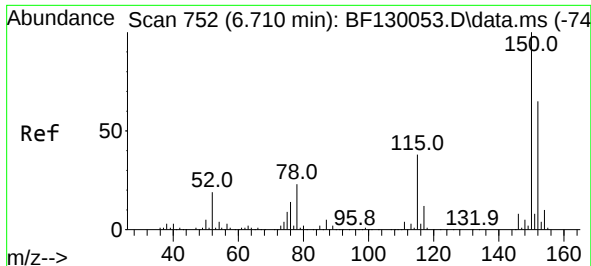
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

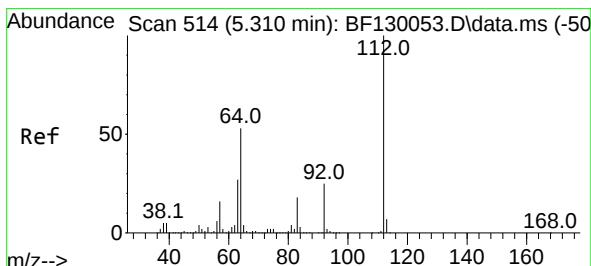
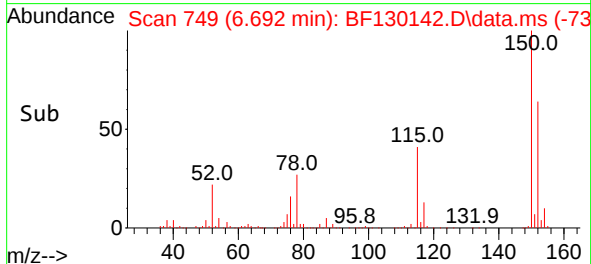
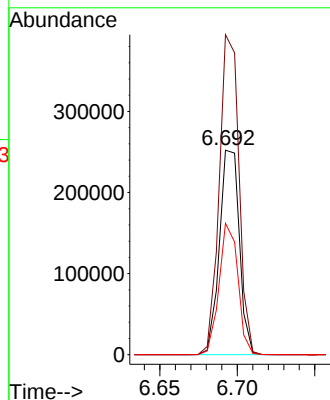
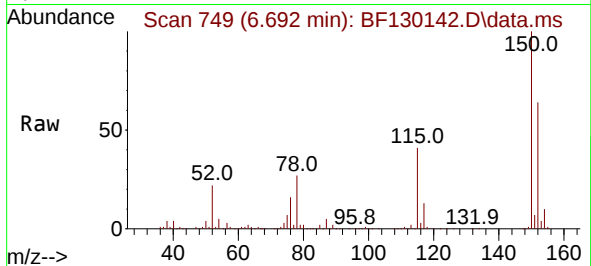




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.692 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF130142.D
Acq: 06 Sep 2022 17:36

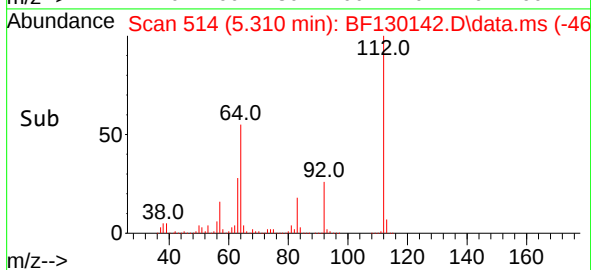
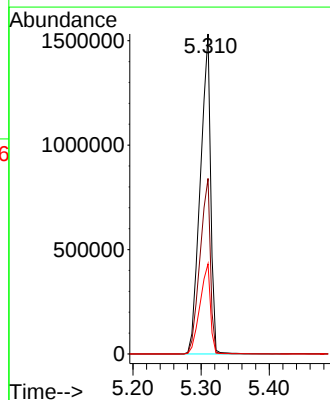
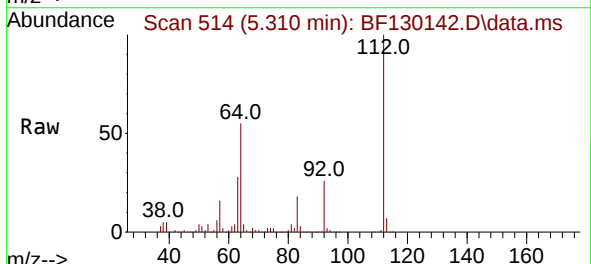
Instrument :
BNA_F
ClientSampleId :
PB147422BL

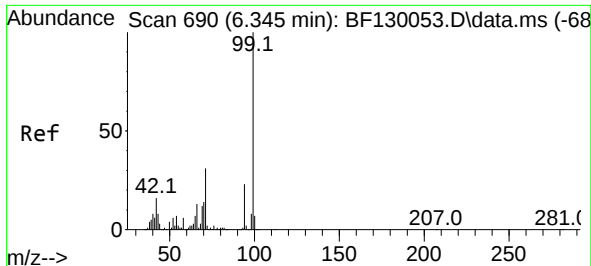
Tgt Ion:152 Resp: 225825
Ion Ratio Lower Upper
152 100
150 156.5 126.9 190.3
115 64.2 53.4 80.0



#5
2-Fluorophenol
Concen: 121.806 ng
RT: 5.310 min Scan# 514
Delta R.T. 0.012 min
Lab File: BF130142.D
Acq: 06 Sep 2022 17:36

Tgt Ion:112 Resp: 1620283
Ion Ratio Lower Upper
112 100
64 54.9 47.6 71.4
63 28.2 24.6 37.0

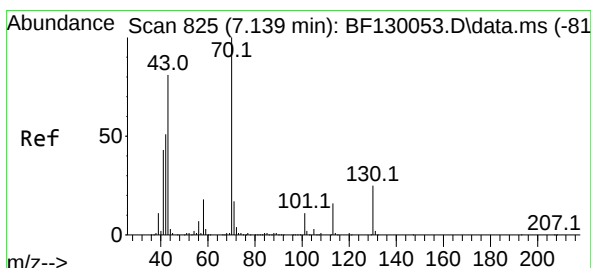
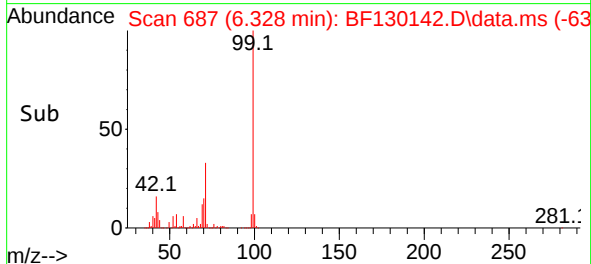
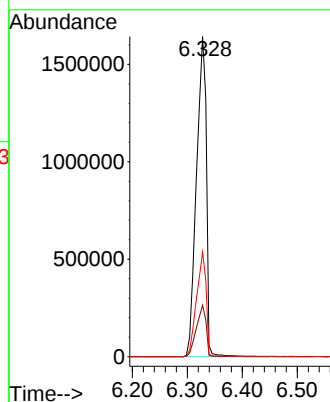
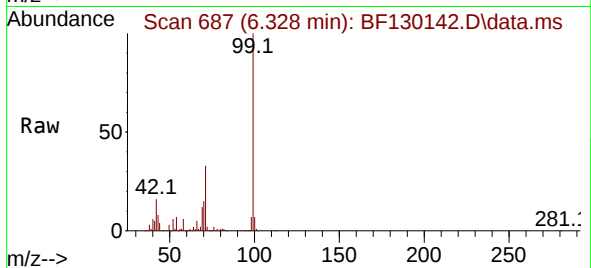




#7
Phenol-d6
Concen: 123.812 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130142.D
Acq: 06 Sep 2022 17:36

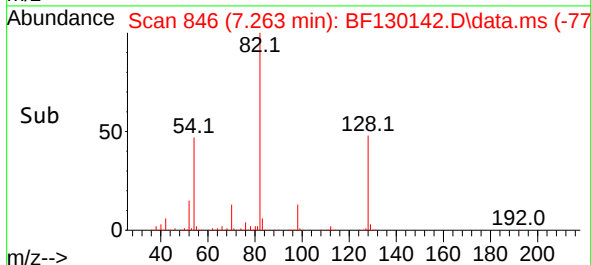
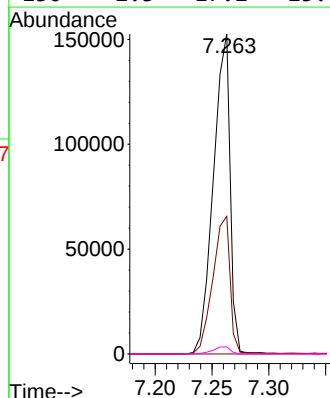
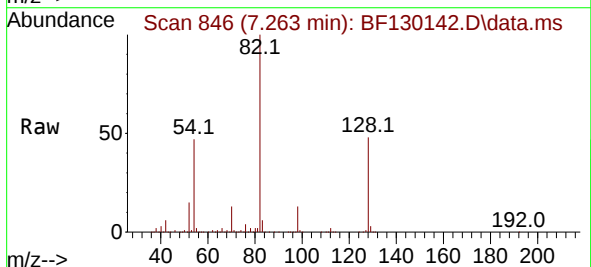
Instrument :
BNA_F
ClientSampleId :
PB147422BL

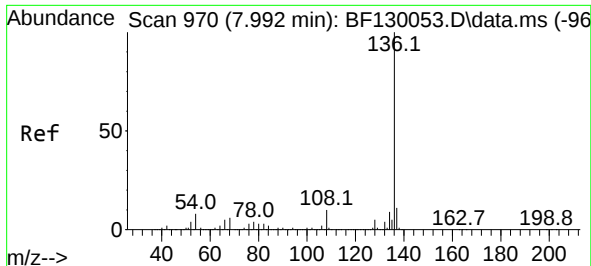
Tgt Ion: 99 Resp: 2053293
Ion Ratio Lower Upper
99 100
42 16.1 15.0 22.4
71 32.7 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.640 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.135 min
Lab File: BF130142.D
Acq: 06 Sep 2022 17:36

Tgt Ion: 70 Resp: 156254
Ion Ratio Lower Upper
70 100
42 43.0 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#



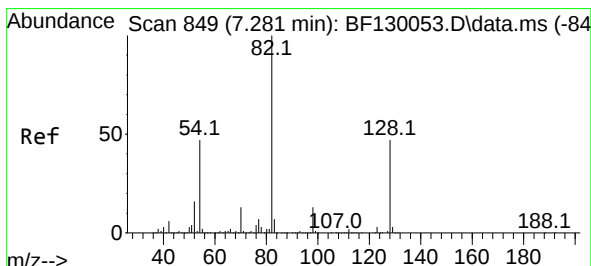
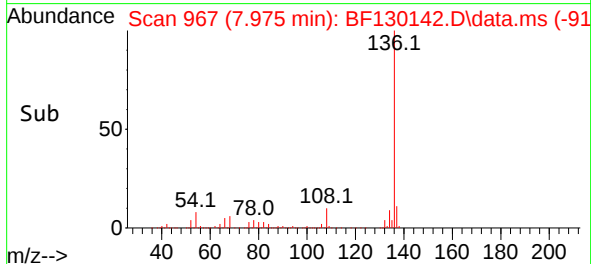
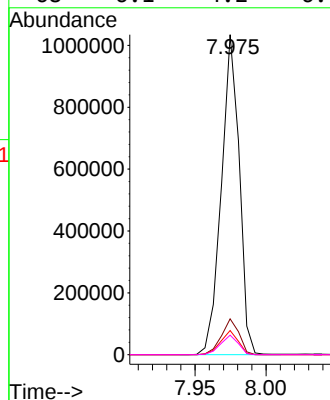
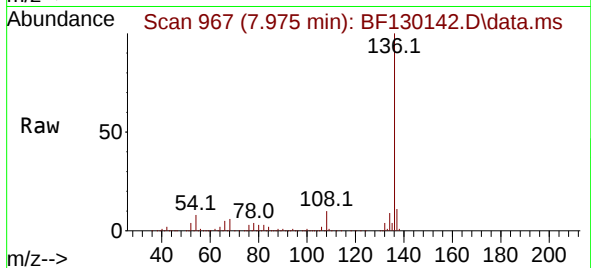


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF130142.D
Acq: 06 Sep 2022 17:36

Instrument :
BNA_F
ClientSampleId :
PB147422BL

Tgt Ion:136 Resp: 907369

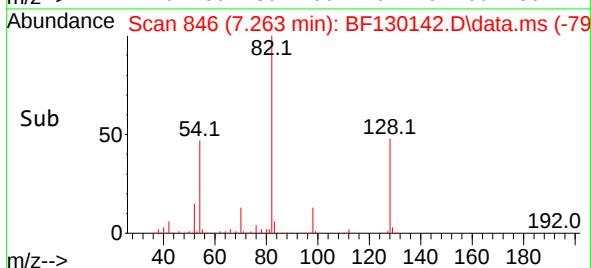
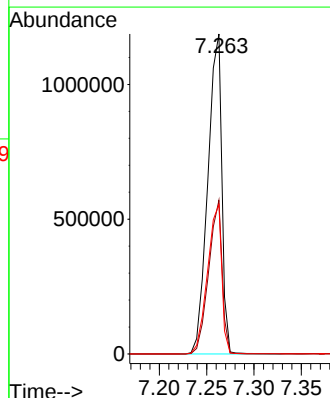
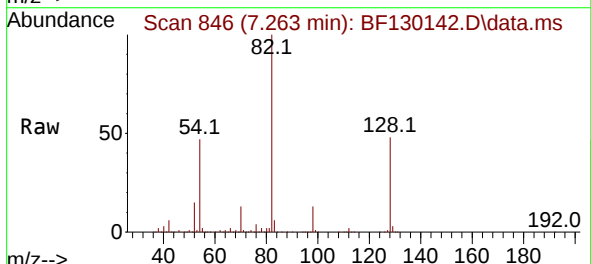
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	7.6	6.2	9.2
68	6.1	4.2	6.4

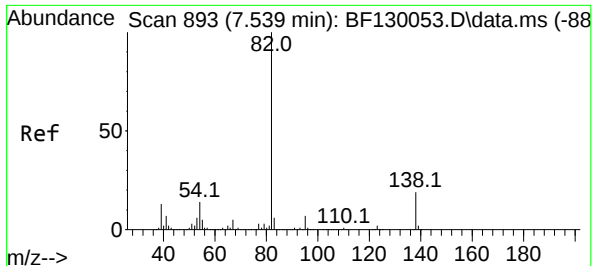


#23
Nitrobenzene-d5
Concen: 86.392 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130142.D
Acq: 06 Sep 2022 17:36

Tgt Ion: 82 Resp: 1219756

Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	46.7	40.0	60.0

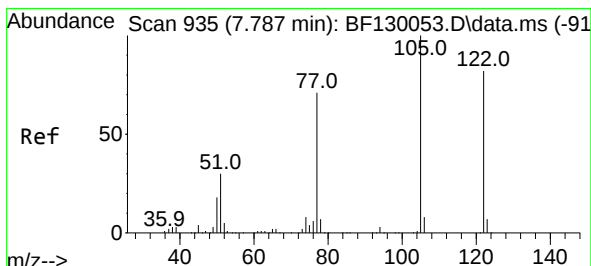
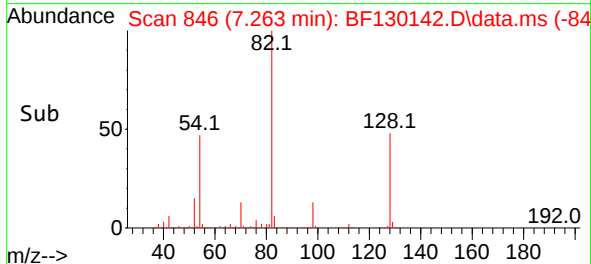
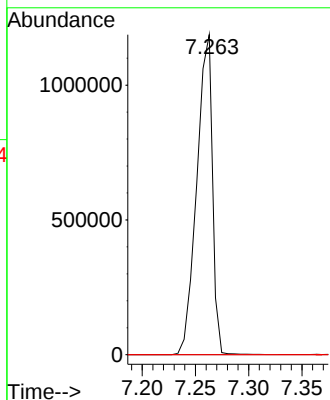
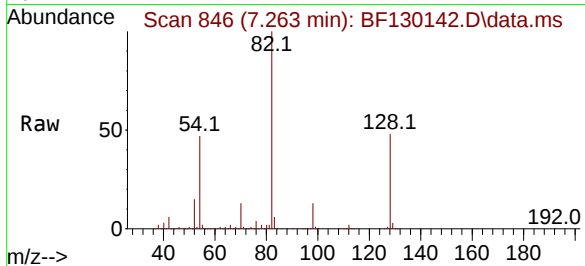




#25
Isophorone
Concen: 42.481 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF130142.D
Acq: 06 Sep 2022 17:36

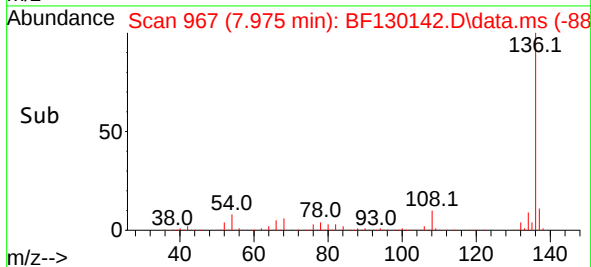
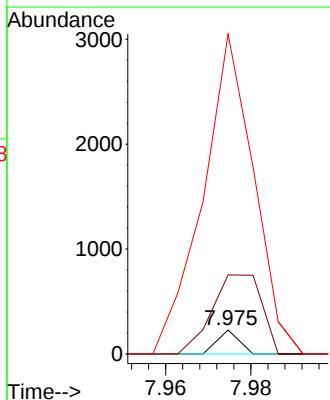
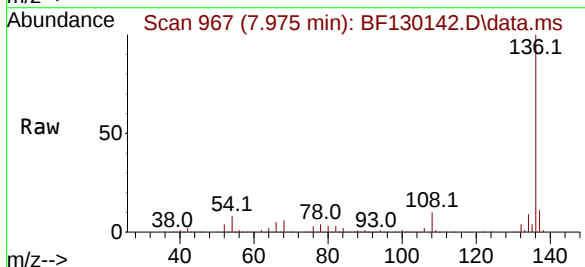
Instrument :
BNA_F
ClientSampleId :
PB147422BL

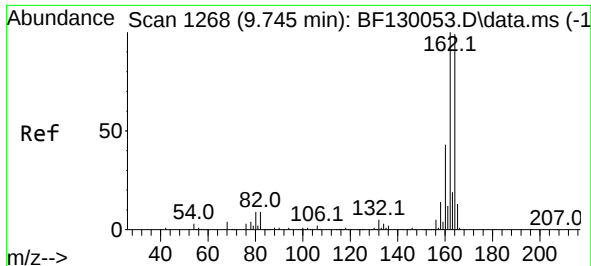
Tgt Ion: 82 Resp: 1213970
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.579 ng
RT: 7.975 min Scan# 967
Delta R.T. 0.206 min
Lab File: BF130142.D
Acq: 06 Sep 2022 17:36

Tgt Ion:122 Resp: 81
Ion Ratio Lower Upper
122 100
105 329.3 99.9 139.9#
77 1332.3 65.9 105.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130142.D

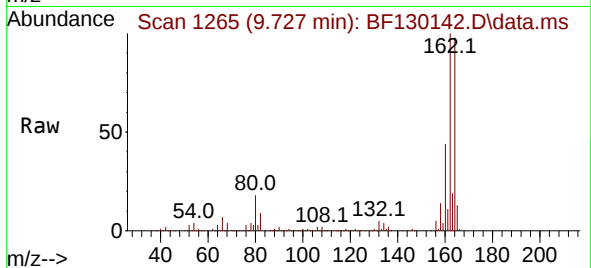
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Instrument :

BNA_F

ClientSampleId :

PB147422BL



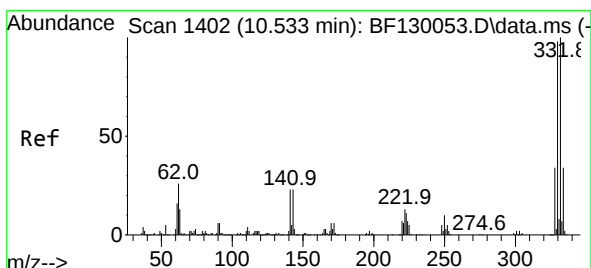
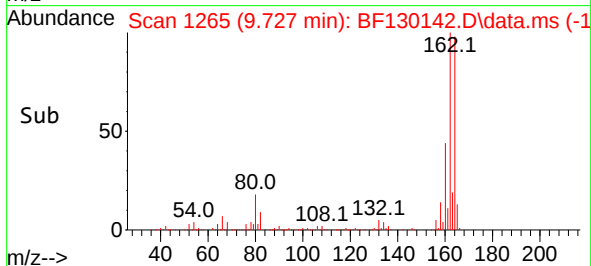
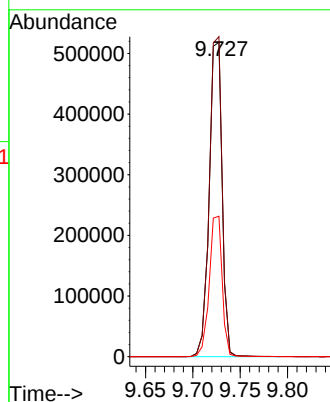
Tgt Ion:164 Resp: 488897

Ion Ratio Lower Upper

164 100

162 101.8 82.0 123.0

160 44.7 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 137.709 ng

RT: 10.516 min Scan# 1399

Delta R.T. -0.006 min

Lab File: BF130142.D

Acq: 06 Sep 2022 17:36

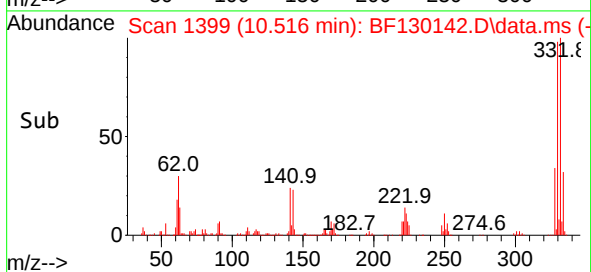
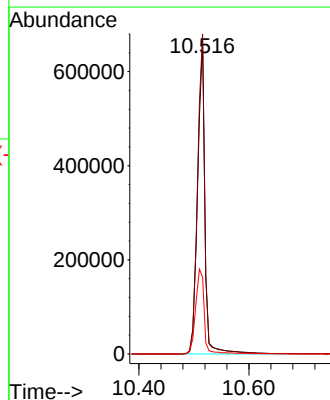
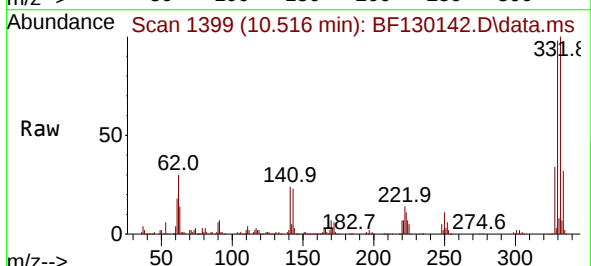
Tgt Ion:330 Resp: 612848

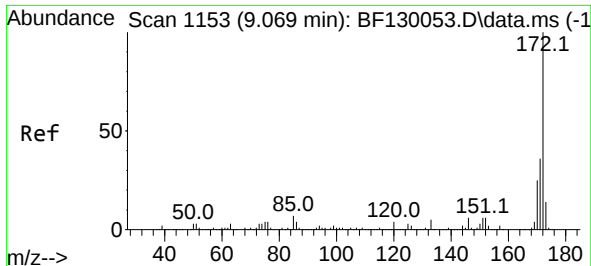
Ion Ratio Lower Upper

330 100

332 103.7 82.6 124.0

141 32.0 27.6 41.4

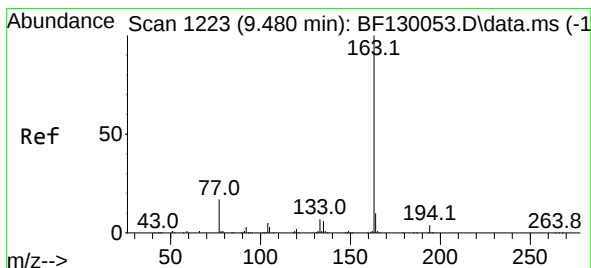
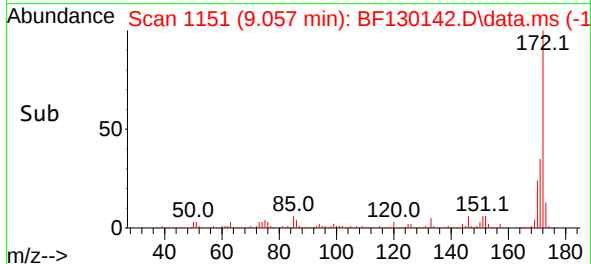
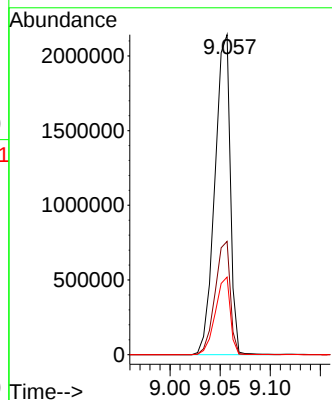
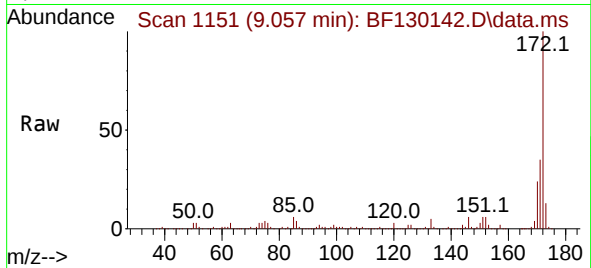




#45
2-Fluorobiphenyl
Concen: 77.556 ng
RT: 9.057 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF130142.D
Acq: 06 Sep 2022 17:36

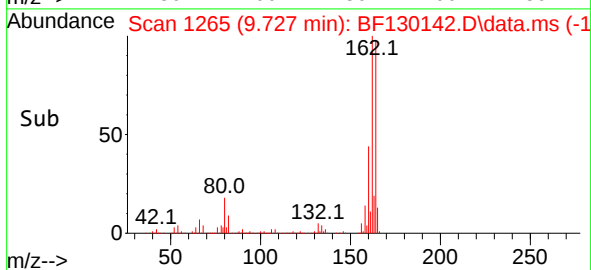
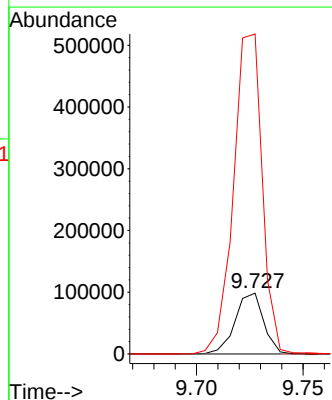
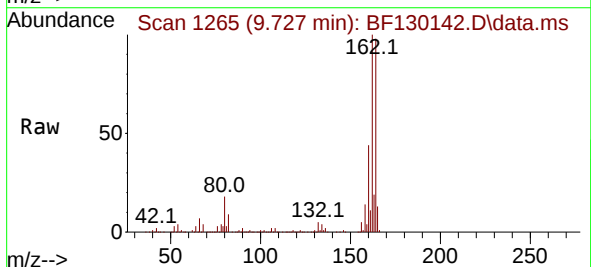
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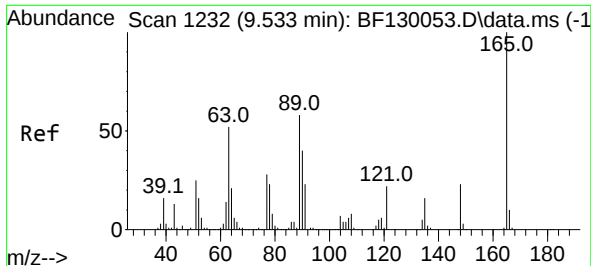
Tgt Ion:172 Resp: 2286979
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 24.3 19.1 28.7



#50
Dimethylphthalate
Concen: 2.763 ng
RT: 9.727 min Scan# 1265
Delta R.T. 0.259 min
Lab File: BF130142.D
Acq: 06 Sep 2022 17:36

Tgt Ion:163 Resp: 92002
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 526.5 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.820 ng

RT: 9.722 min Scan# 11

Delta R.T. 0.194 min

Lab File: BF130142.D

Acq: 06 Sep 2022 17:36

Instrument :

BNA_F

ClientSampleId :

PB147422BL

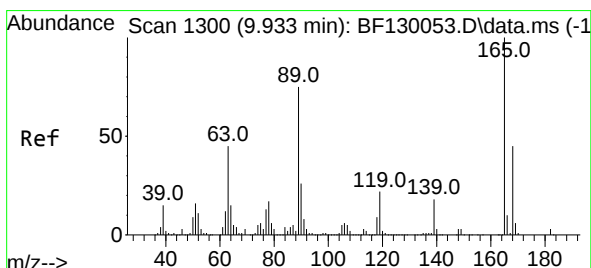
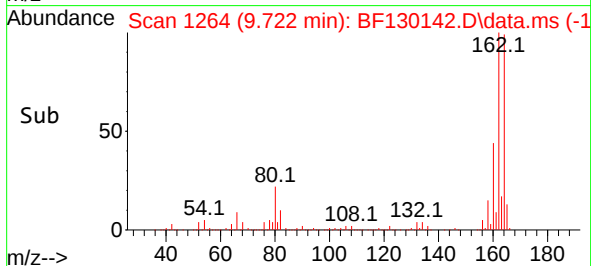
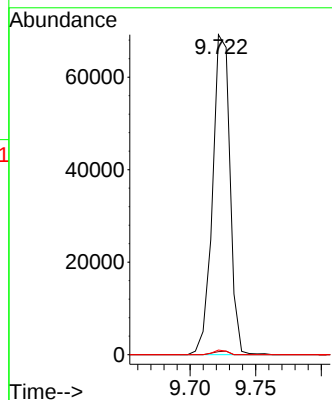
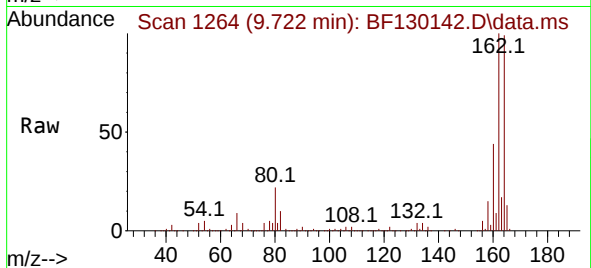
Tgt Ion:165 Resp: 63754

Ion Ratio Lower Upper

165 100

63 1.0 47.8 71.8#

89 1.4 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.529 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.200 min

Lab File: BF130142.D

Acq: 06 Sep 2022 17:36

Tgt Ion:165 Resp: 63754

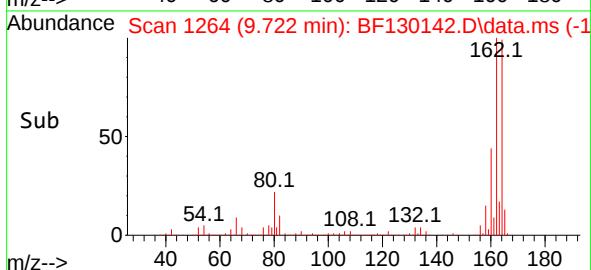
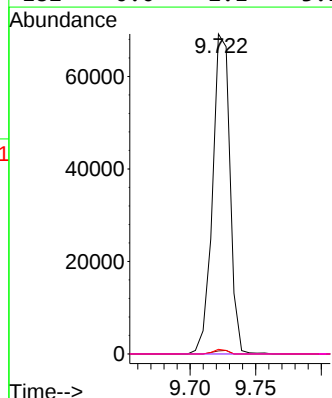
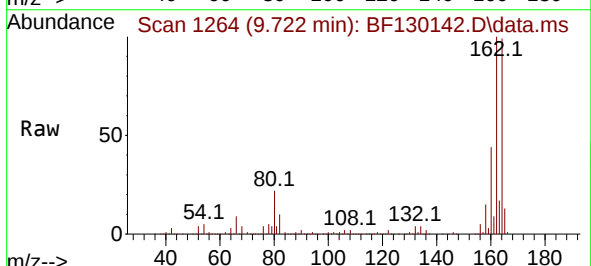
Ion Ratio Lower Upper

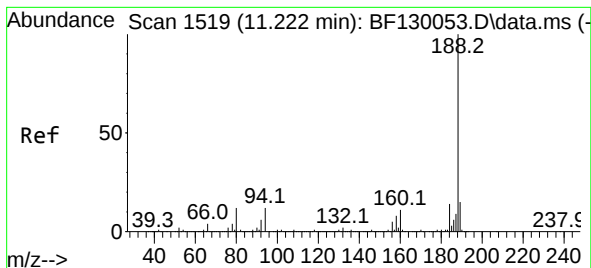
165 100

63 1.0 48.4 72.6#

89 1.4 62.3 93.5#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130142.D

Acq: 06 Sep 2022 17:36

Instrument :

BNA_F

ClientSampleId :

PB147422BL

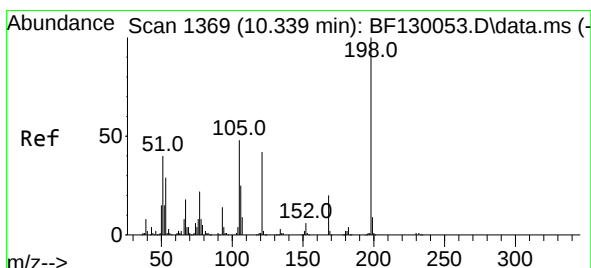
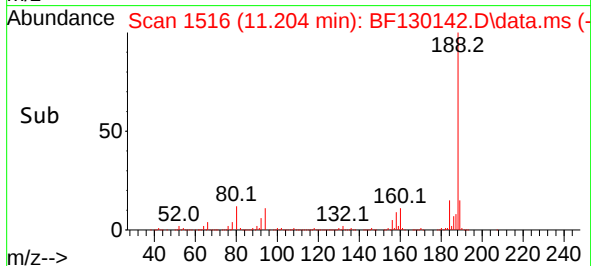
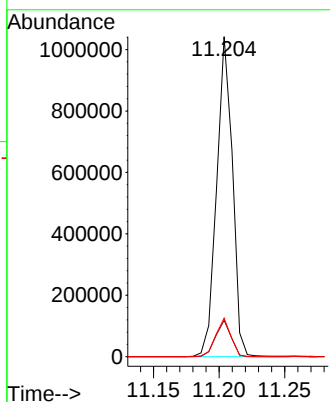
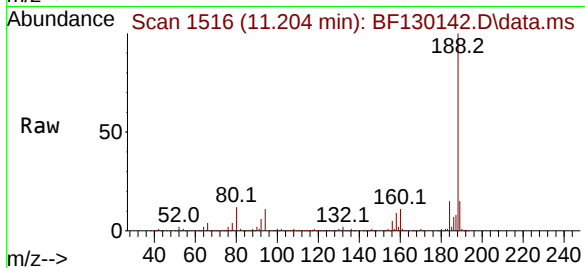
Tgt Ion:188 Resp: 870362

Ion Ratio Lower Upper

188 100

94 11.4 7.4 11.2#

80 12.1 7.9 11.9#



#65

4,6-Dinitro-2-methylphenol

Concen: 6.358 ng

RT: 10.510 min Scan# 1398

Delta R.T. 0.182 min

Lab File: BF130142.D

Acq: 06 Sep 2022 17:36

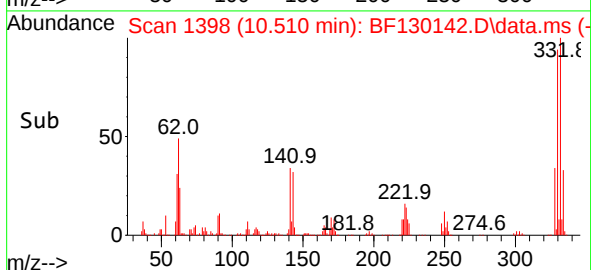
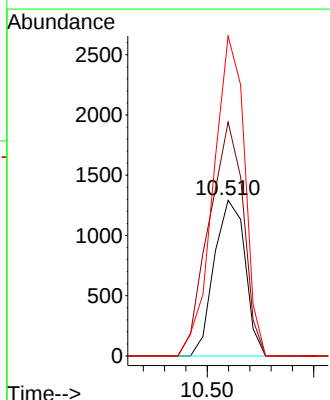
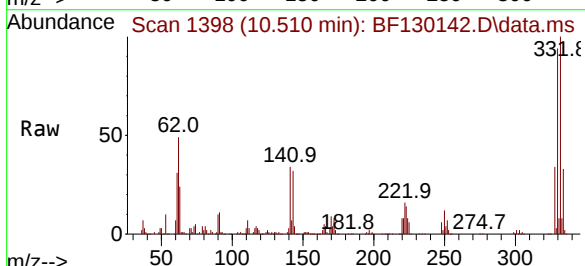
Tgt Ion:198 Resp: 1301

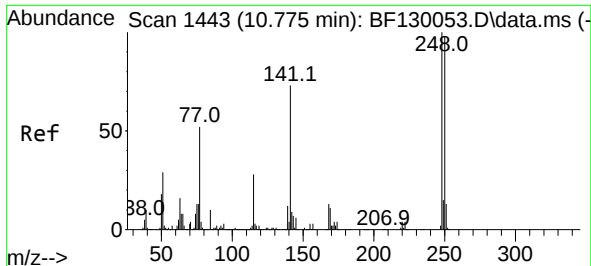
Ion Ratio Lower Upper

198 100

51 150.2 29.4 69.4#

105 205.6 29.2 69.2#

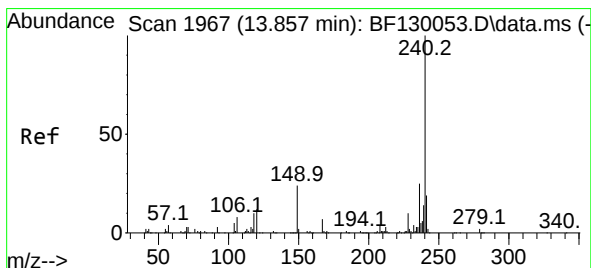
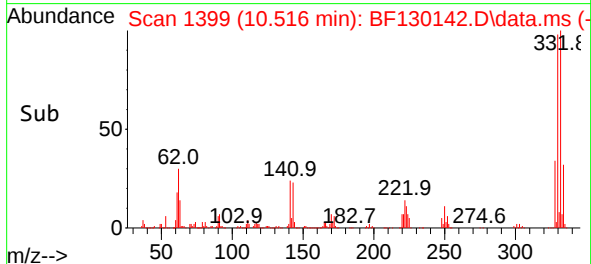
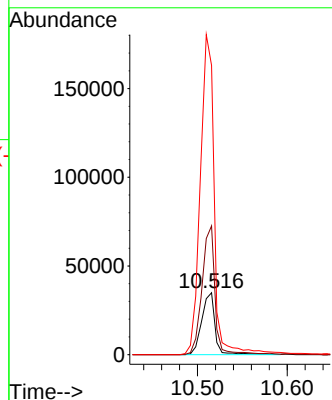
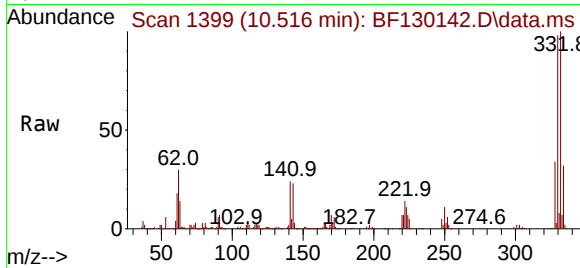




#67
4-Bromophenyl-phenylether
Concen: 3.719 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF130142.D
Acq: 06 Sep 2022 17:36

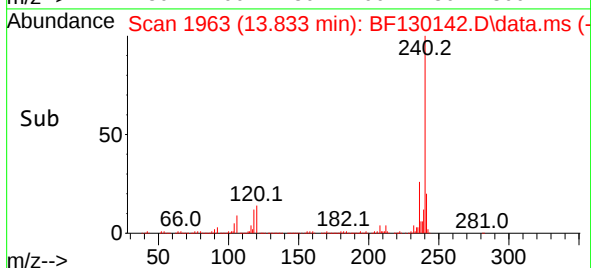
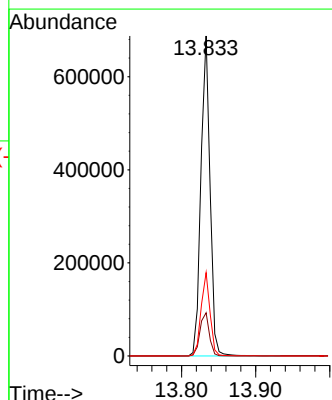
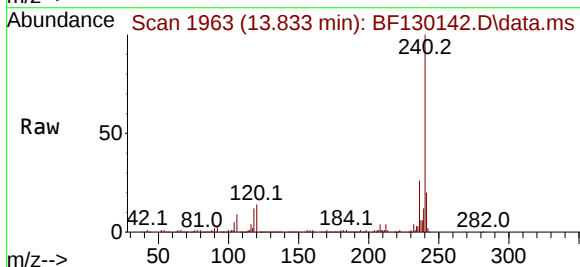
Instrument :
BNA_F
ClientSampleId :
PB147422BL

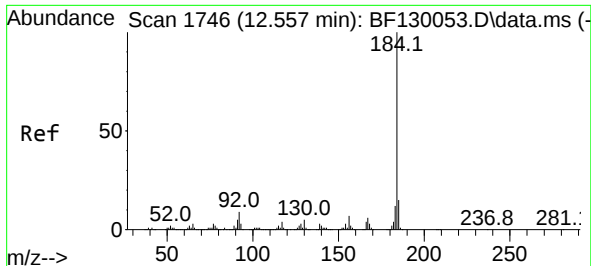
Tgt Ion:248 Resp: 36007
Ion Ratio Lower Upper
248 100
250 208.1 77.8 116.6#
141 467.6 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130142.D
Acq: 06 Sep 2022 17:36

Tgt Ion:240 Resp: 585380
Ion Ratio Lower Upper
240 100
120 13.5 9.2 13.8
236 26.0 20.7 31.1

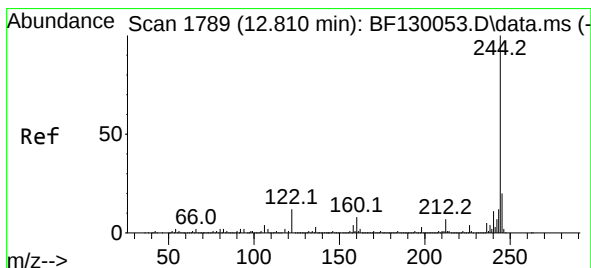
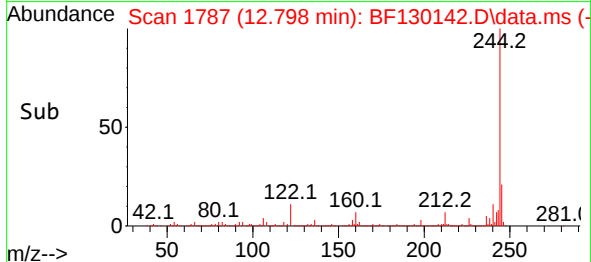
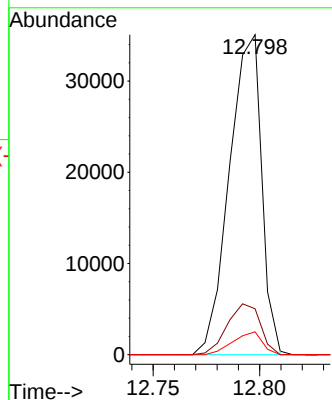
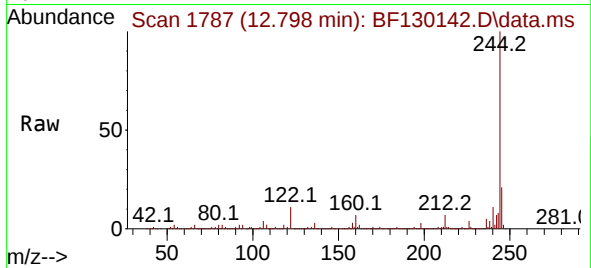




#77
Benzidine
Concen: 2.343 ng
RT: 12.798 min Scan# 1787
Delta R.T. 0.253 min
Lab File: BF130142.D
Acq: 06 Sep 2022 17:36

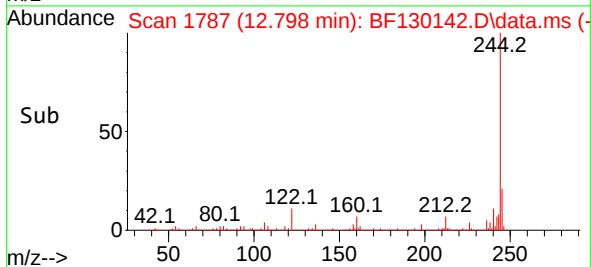
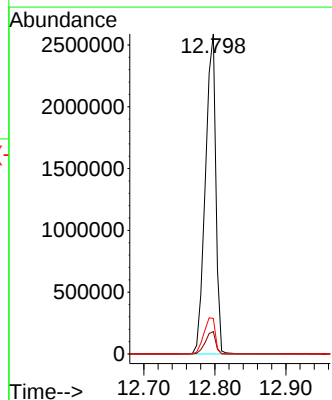
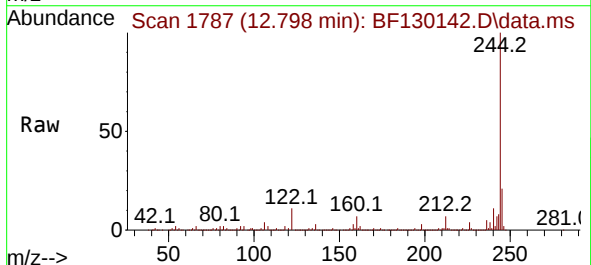
Instrument :
BNA_F
ClientSampleId :
PB147422BL

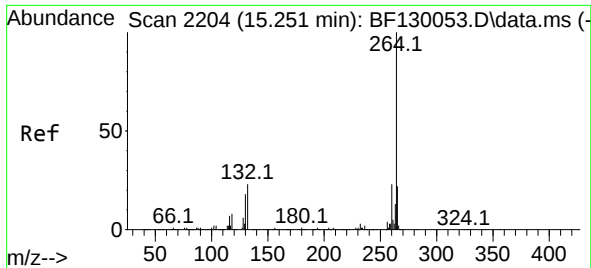
Tgt Ion:184 Resp: 37031
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 7.2 9.4 14.2#



#79
Terphenyl-d14
Concen: 78.403 ng
RT: 12.798 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BF130142.D
Acq: 06 Sep 2022 17:36

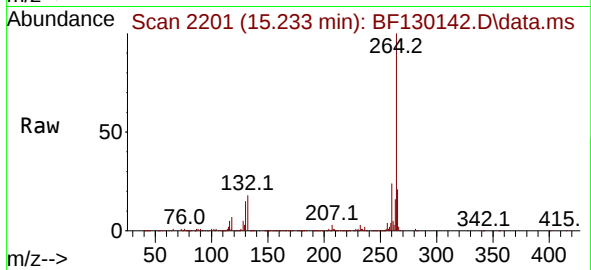
Tgt Ion:244 Resp: 2646602
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 11.1 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130142.D
 Acq: 06 Sep 2022 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB147422BL



Tgt Ion:264 Resp: 418825
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.5 16.7 25.1

