

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130149.D
 Acq On : 06 Sep 2022 21:25
 Operator : CG\JU
 Sample : N4500-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Quant Time: Sep 07 02:18:53 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)

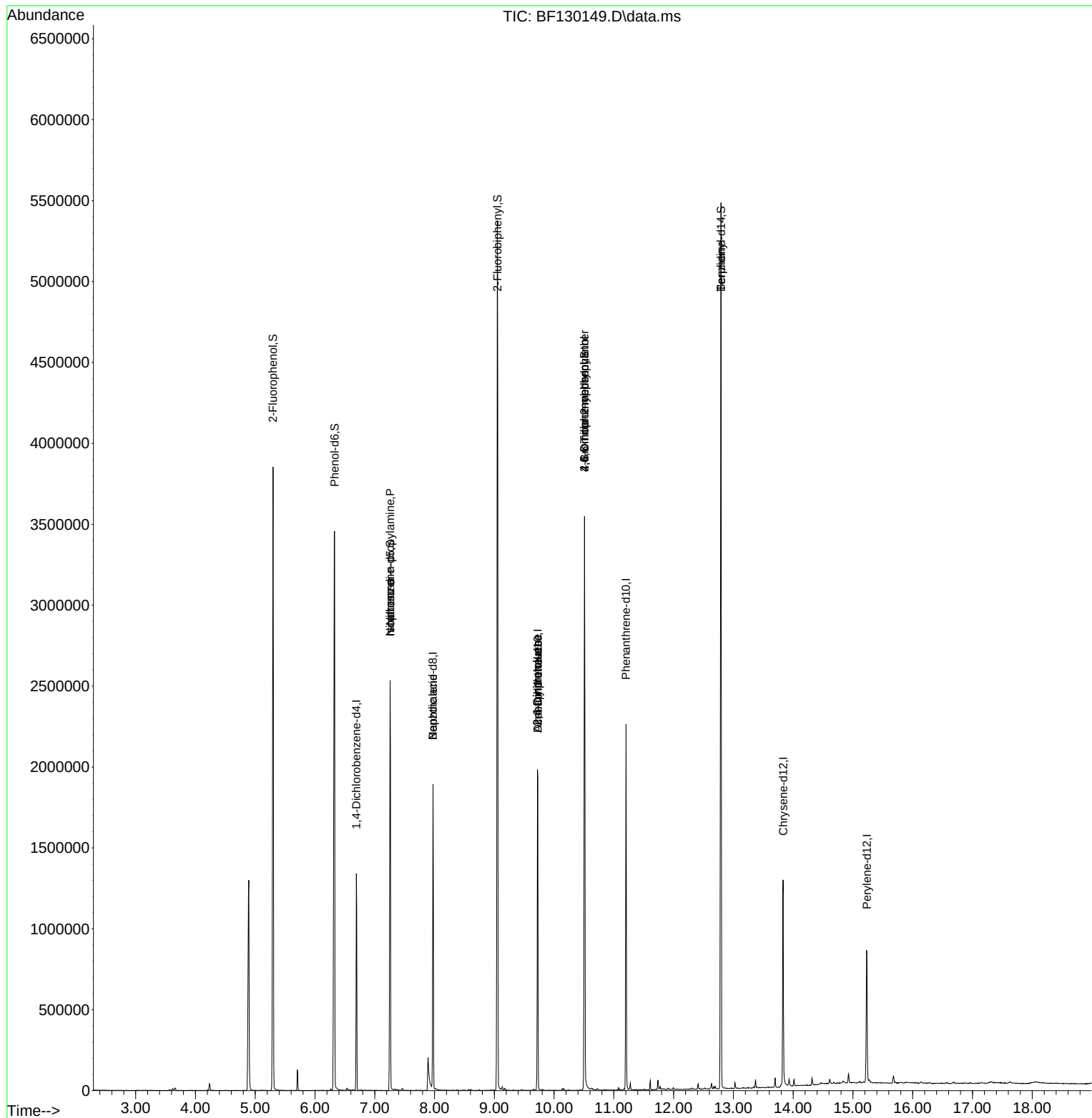
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	196542	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	790660	20.000	ng	0.00
39) Acenaphthene-d10	9.727	164	424302	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	725997	20.000	ng	# 0.00
76) Chrysene-d12	13.833	240	423471	20.000	ng	-0.01
86) Perylene-d12	15.233	264	351669	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	1198586	103.529	ng	0.00
7) Phenol-d6	6.328	99	1509333	104.571	ng	0.00
23) Nitrobenzene-d5	7.257	82	880326	71.554	ng	-0.01
42) 2,4,6-Tribromophenol	10.510	330	420046	108.755	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	1725970	67.442	ng	0.00
79) Terphenyl-d14	12.792	244	1805871	73.951	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	113043	13.000	ng	# 75
25) Isophorone	7.257	82	876295	35.191	ng	# 65
32) Benzoic acid	7.975	122	97	6.582	ng	# 1
50) Dimethylphthalate	9.727	163	80318	2.779	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	54285	9.634	ng	# 22
57) 2,4-Dinitrotoluene	9.722	165	54285	8.368	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.510	198	956	6.325	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	25810	3.196	ng	# 1
77) Benzidine	12.792	184	24557	2.148	ng	# 91

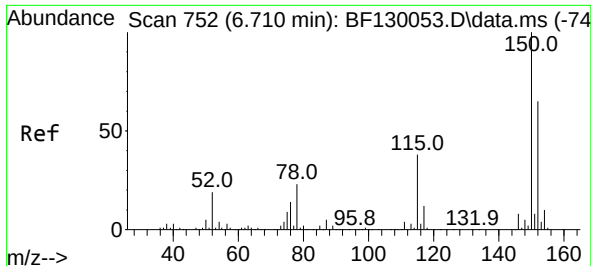
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 07 02:05:07 2022
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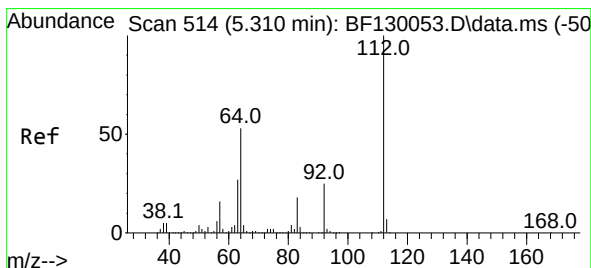
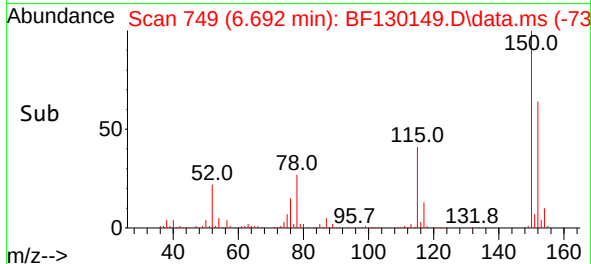
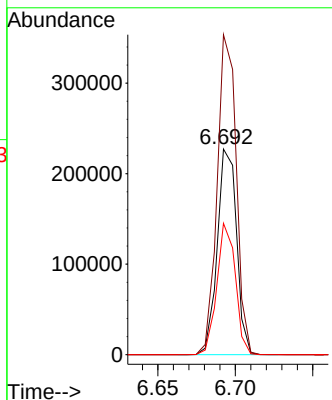
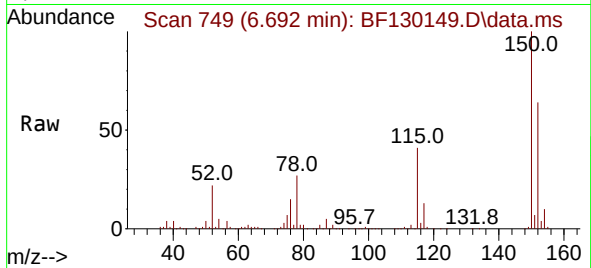




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130149.D
 Acq: 06 Sep 2022 21:25

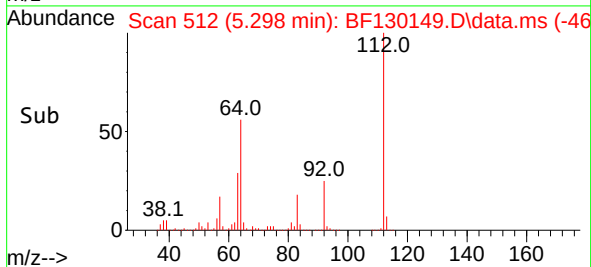
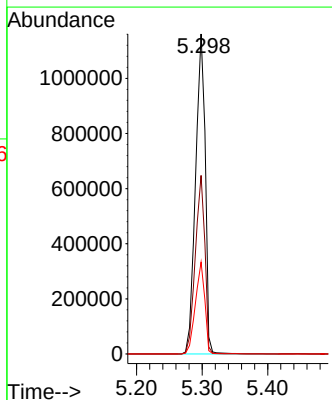
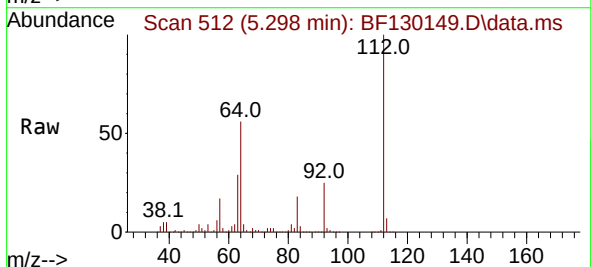
Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

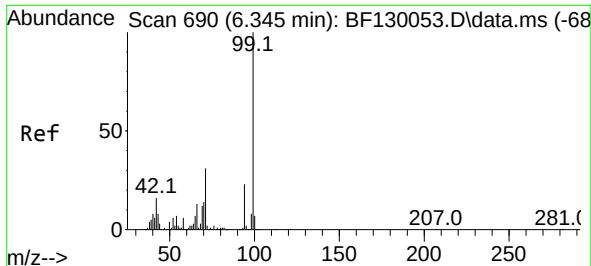
Tgt Ion:152 Resp: 196542
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.9 190.3
 115 63.9 53.4 80.0



#5
 2-Fluorophenol
 Concen: 103.529 ng
 RT: 5.298 min Scan# 512
 Delta R.T. -0.000 min
 Lab File: BF130149.D
 Acq: 06 Sep 2022 21:25

Tgt Ion:112 Resp: 1198586
 Ion Ratio Lower Upper
 112 100
 64 55.8 47.6 71.4
 63 28.7 24.6 37.0

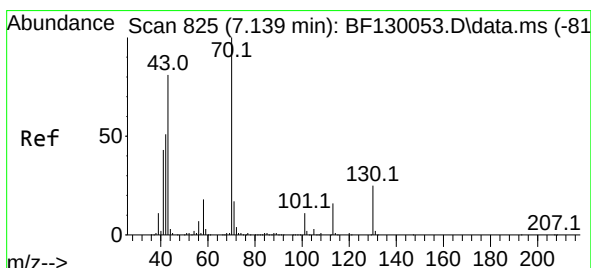
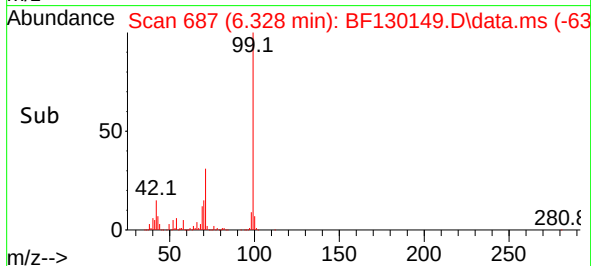
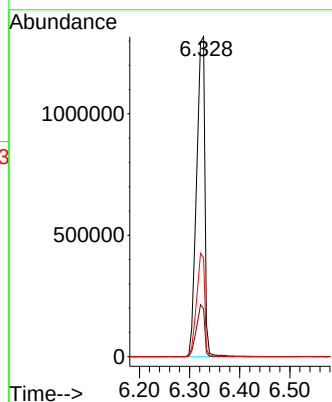
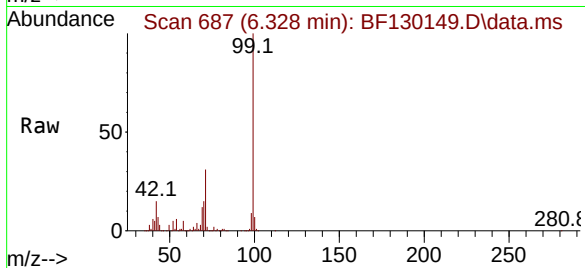




#7
Phenol-d6
Concen: 104.571 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130149.D
Acq: 06 Sep 2022 21:25

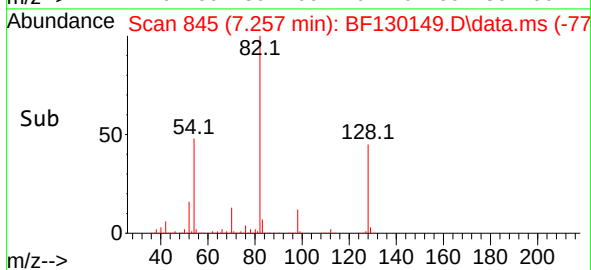
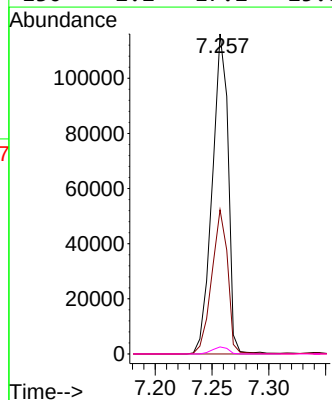
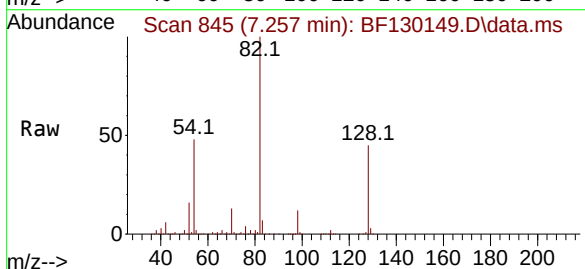
Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

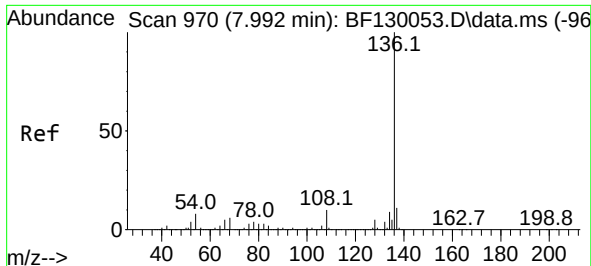
Tgt Ion: 99 Resp: 1509333
Ion Ratio Lower Upper
99 100
42 15.0 15.0 22.4
71 31.0 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.000 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.129 min
Lab File: BF130149.D
Acq: 06 Sep 2022 21:25

Tgt Ion: 70 Resp: 113043
Ion Ratio Lower Upper
70 100
42 45.0 47.6 71.4#
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#



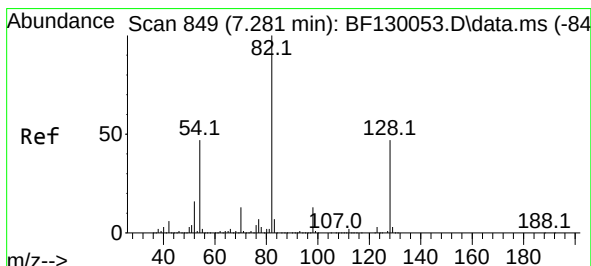
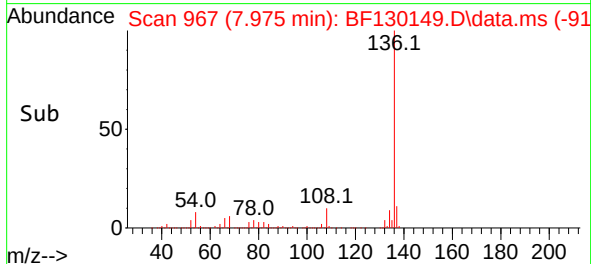
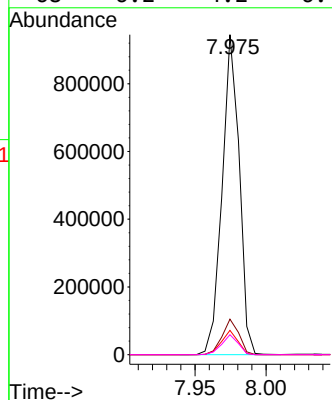
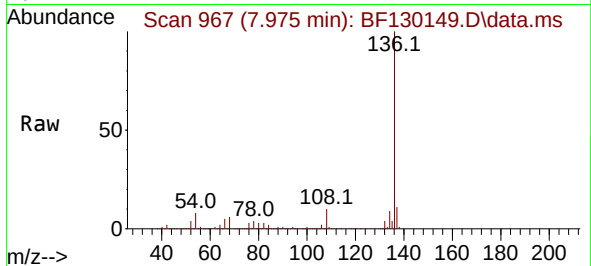


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF130149.D
Acq: 06 Sep 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion:136 Resp: 790660

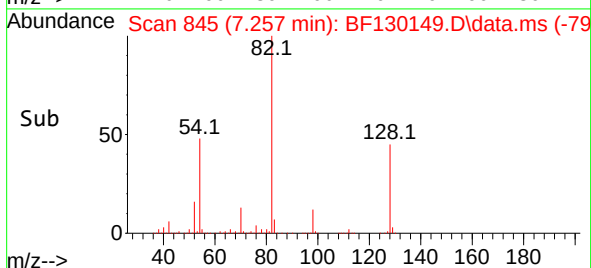
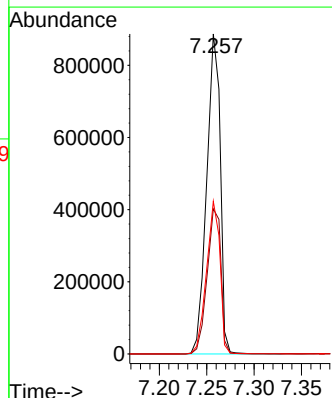
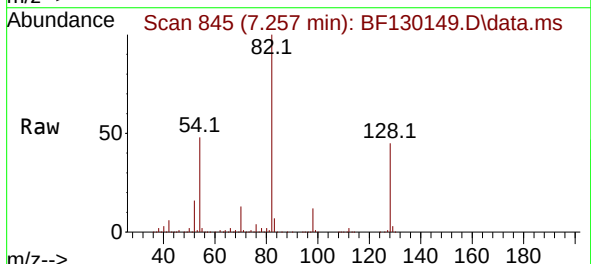
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.6	6.2	9.2
68	6.2	4.2	6.4

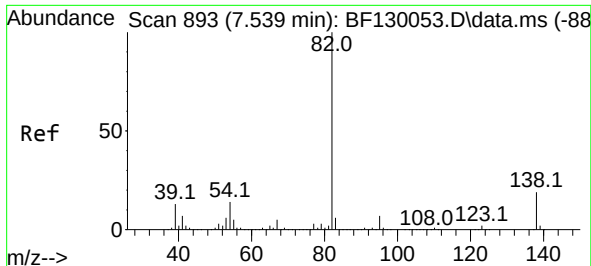


#23
Nitrobenzene-d5
Concen: 71.554 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF130149.D
Acq: 06 Sep 2022 21:25

Tgt Ion: 82 Resp: 880326

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	47.7	40.0	60.0

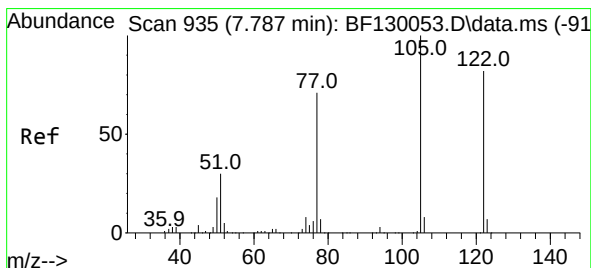
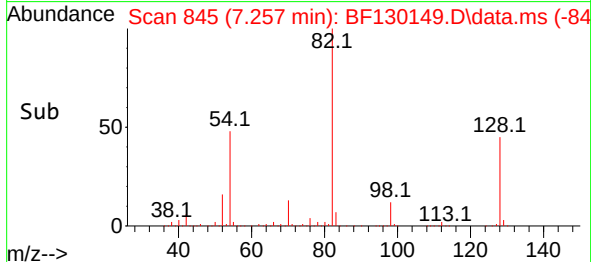
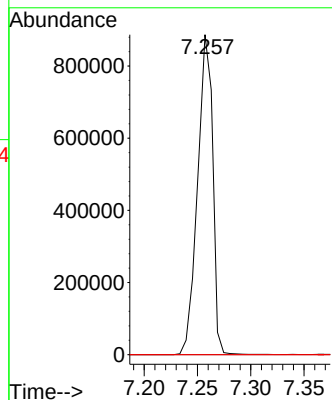
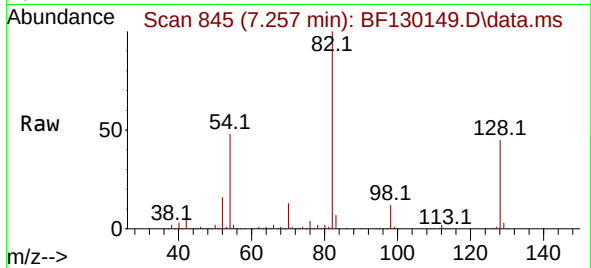




#25
Isophorone
Concen: 35.191 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130149.D
Acq: 06 Sep 2022 21:25

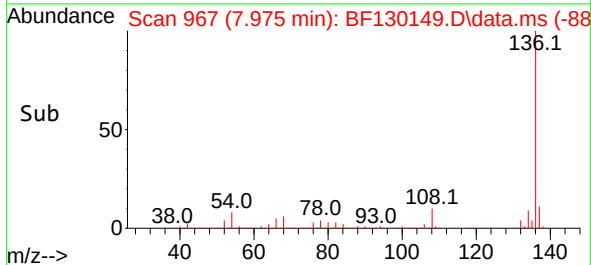
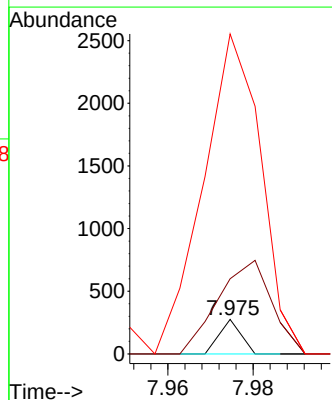
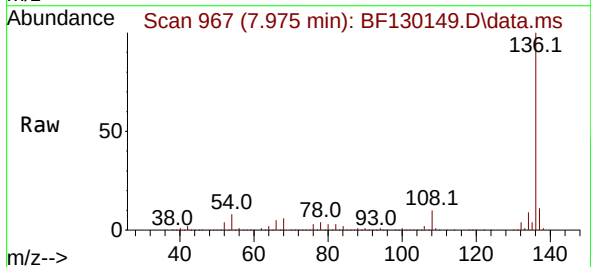
Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

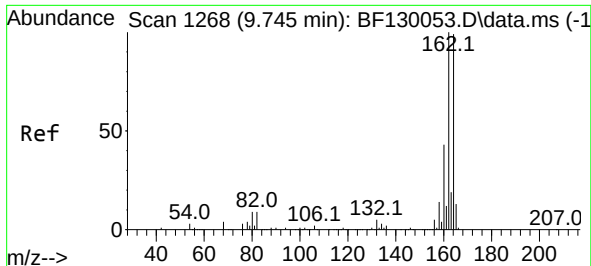
Tgt Ion: 82 Resp: 876295
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.582 ng
RT: 7.975 min Scan# 967
Delta R.T. 0.206 min
Lab File: BF130149.D
Acq: 06 Sep 2022 21:25

Tgt Ion: 122 Resp: 97
Ion Ratio Lower Upper
122 100
105 218.2 99.9 139.9#
77 928.4 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: BF130149.D

Acq: 06 Sep 2022 21:25

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

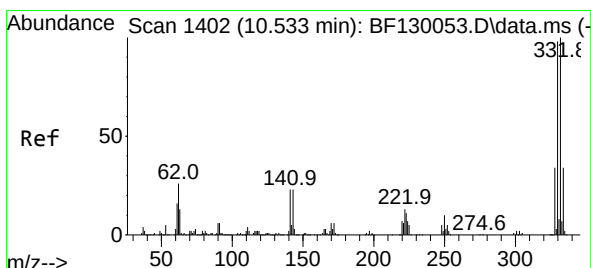
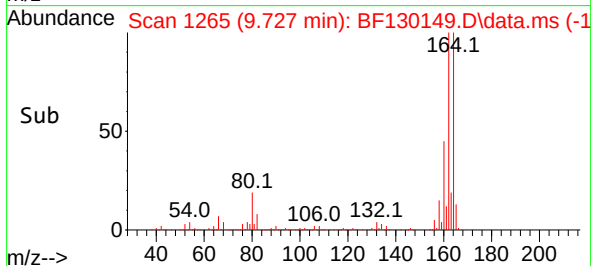
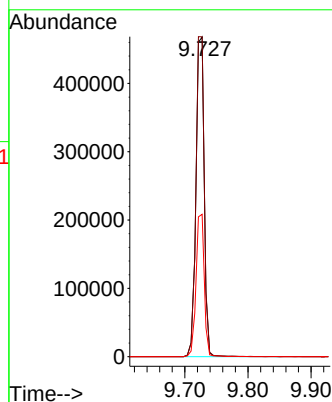
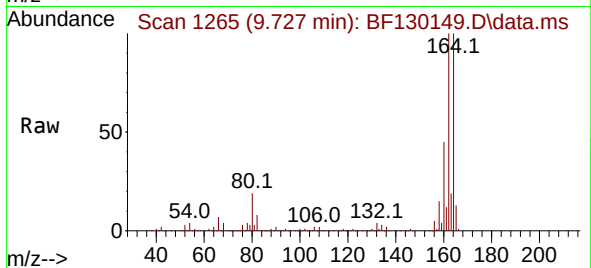
Tgt Ion:164 Resp: 424302

Ion Ratio Lower Upper

164 100

162 100.1 82.0 123.0

160 44.5 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 108.755 ng

RT: 10.510 min Scan# 1398

Delta R.T. -0.012 min

Lab File: BF130149.D

Acq: 06 Sep 2022 21:25

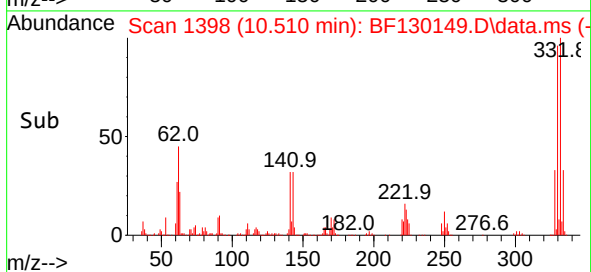
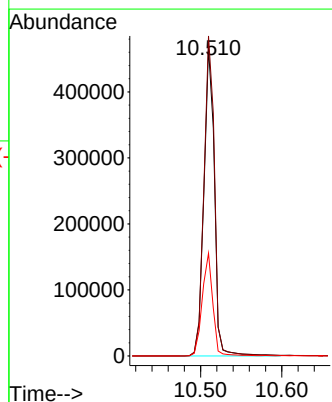
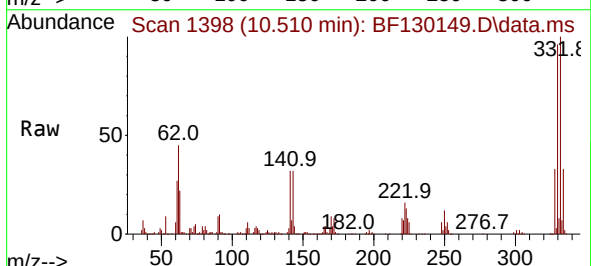
Tgt Ion:330 Resp: 420046

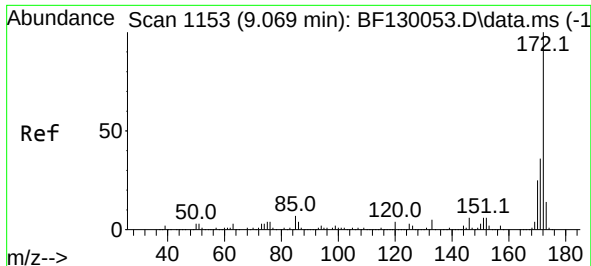
Ion Ratio Lower Upper

330 100

332 105.2 82.6 124.0

141 33.8 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 67.442 ng

RT: 9.051 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF130149.D

Acq: 06 Sep 2022 21:25

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

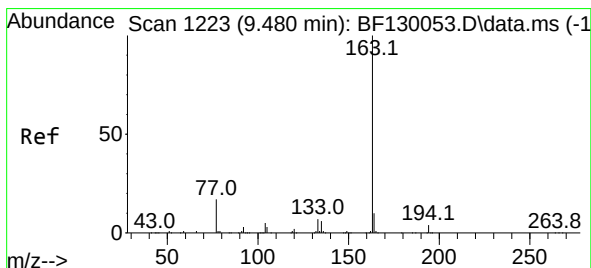
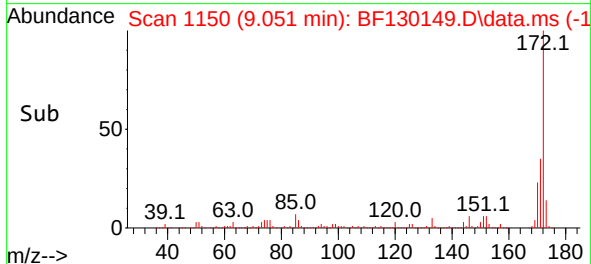
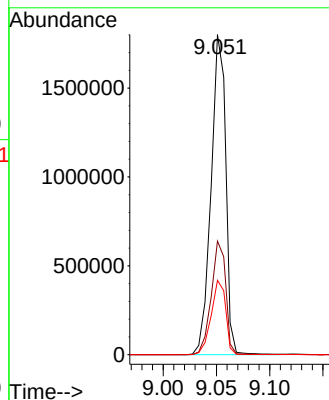
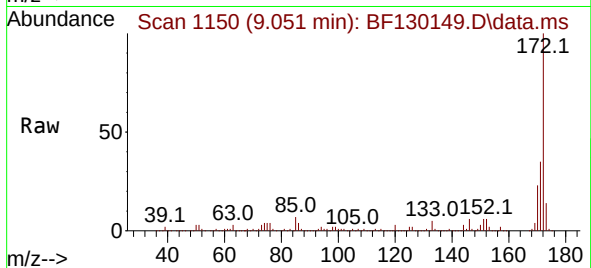
Tgt Ion:172 Resp: 1725970

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.2 19.1 28.7



#50

Dimethylphthalate

Concen: 2.779 ng

RT: 9.727 min Scan# 1265

Delta R.T. 0.259 min

Lab File: BF130149.D

Acq: 06 Sep 2022 21:25

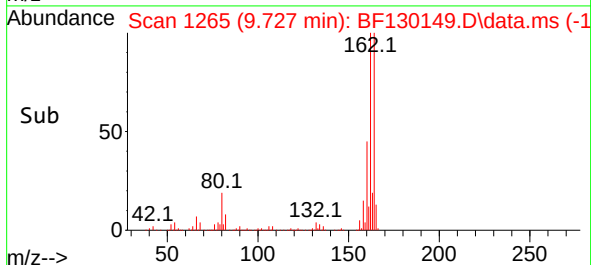
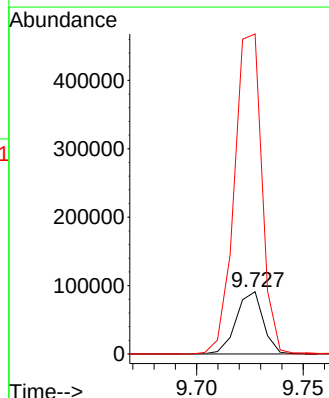
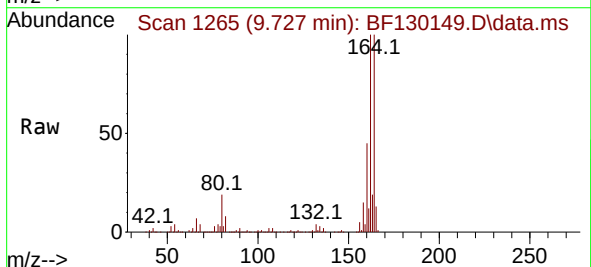
Tgt Ion:163 Resp: 80318

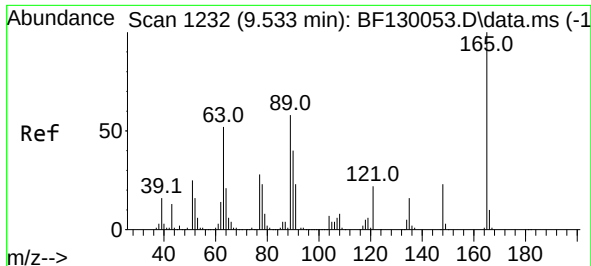
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 514.3 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.634 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.194 min

Lab File: BF130149.D

Acq: 06 Sep 2022 21:25

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

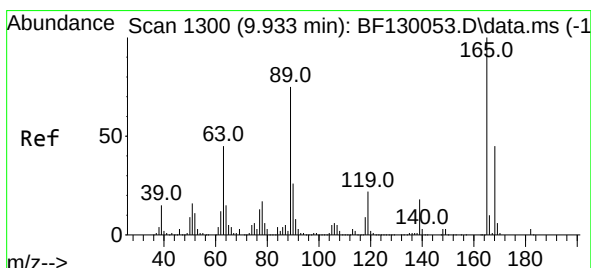
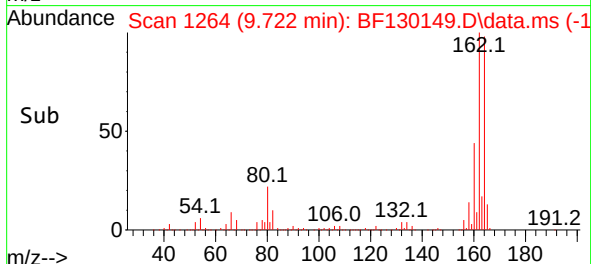
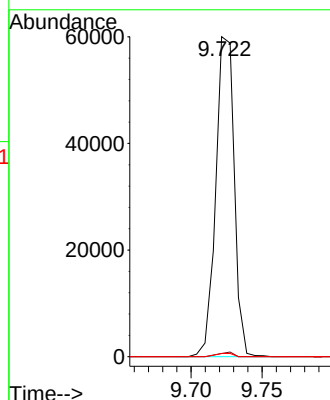
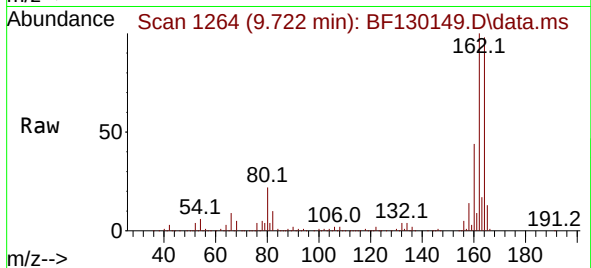
Tgt Ion:165 Resp: 54285

Ion Ratio Lower Upper

165 100

63 1.0 47.8 71.8#

89 1.0 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.368 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.200 min

Lab File: BF130149.D

Acq: 06 Sep 2022 21:25

Tgt Ion:165 Resp: 54285

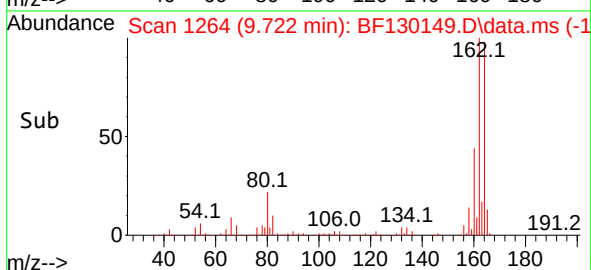
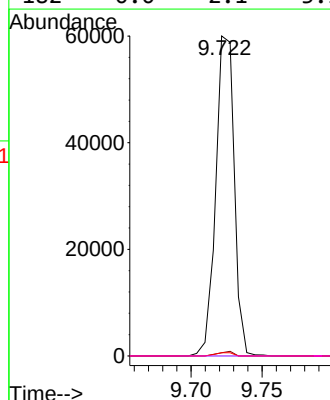
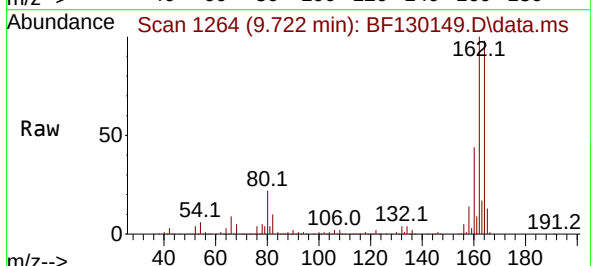
Ion Ratio Lower Upper

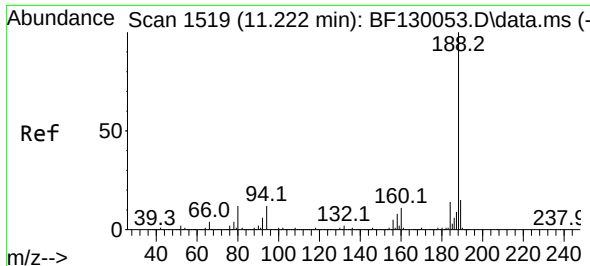
165 100

63 1.0 48.4 72.6#

89 1.0 62.3 93.5#

182 0.0 2.1 3.1#

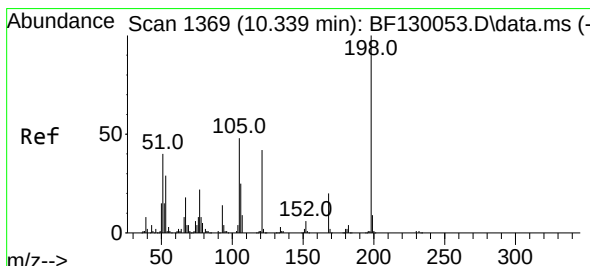
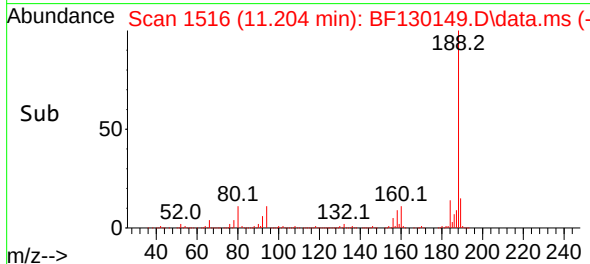
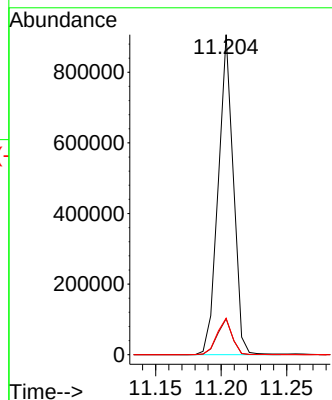
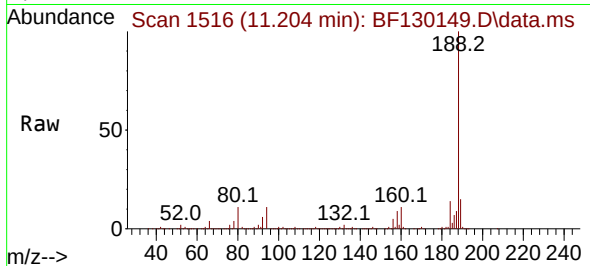




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130149.D
Acq: 06 Sep 2022 21:25

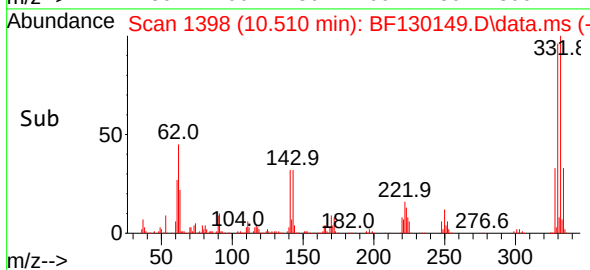
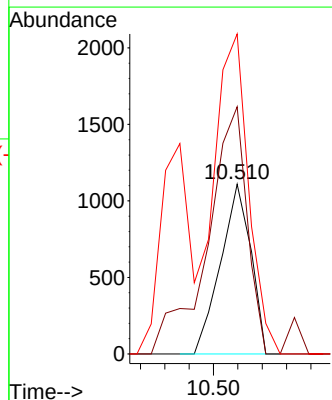
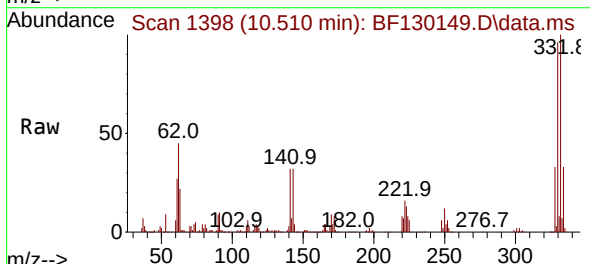
Instrument :
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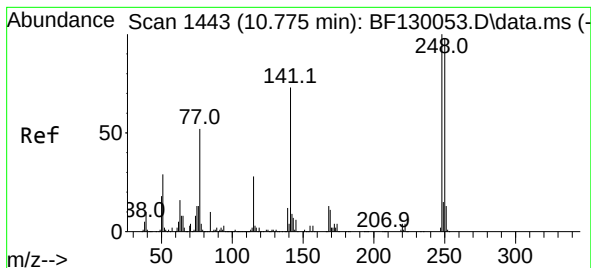
Tgt Ion:188 Resp: 725997
Ion Ratio Lower Upper
188 100
94 11.2 7.4 11.2#
80 11.4 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.325 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.182 min
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Tgt Ion:198 Resp: 956
Ion Ratio Lower Upper
198 100
51 145.6 29.4 69.4#
105 188.5 29.2 69.2#

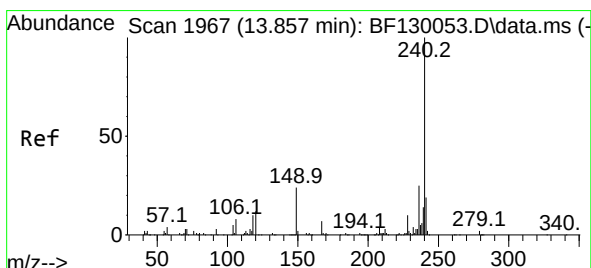
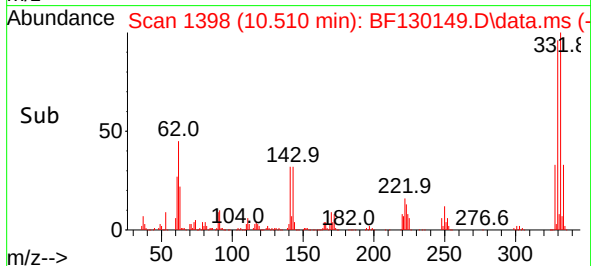
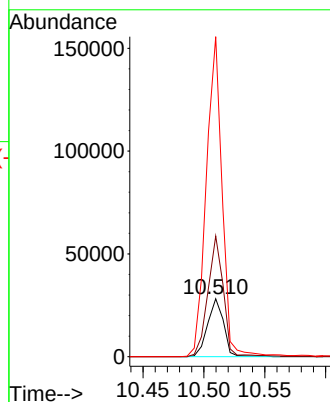
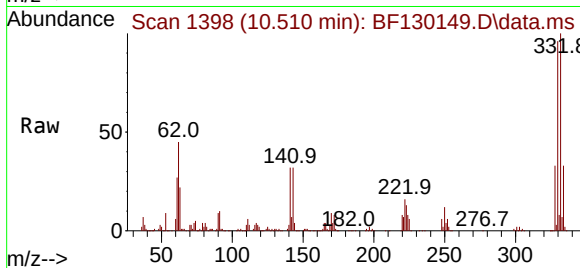




#67
4-Bromophenyl-phenylether
Concen: 3.196 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.253 min
Lab File: BF130149.D
Acq: 06 Sep 2022 21:25

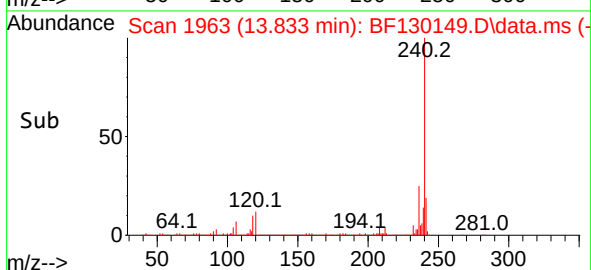
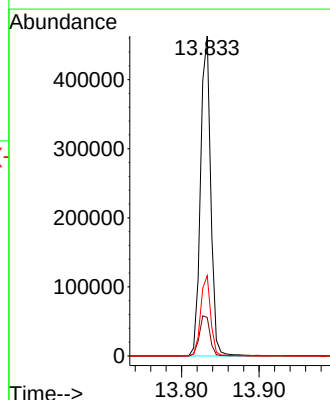
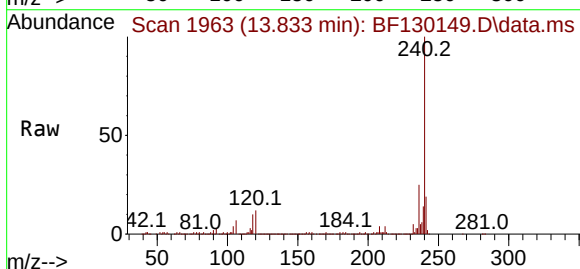
Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

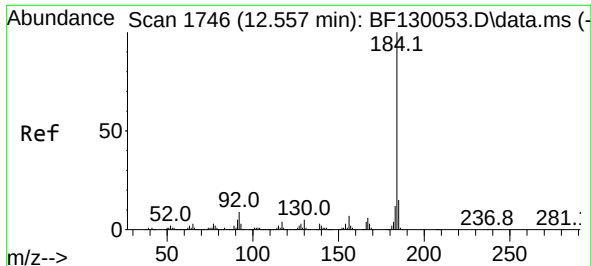
Tgt Ion:248 Resp: 25810
Ion Ratio Lower Upper
248 100
250 208.2 77.8 116.6#
141 552.3 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130149.D
Acq: 06 Sep 2022 21:25

Tgt Ion:240 Resp: 423471
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 25.1 20.7 31.1

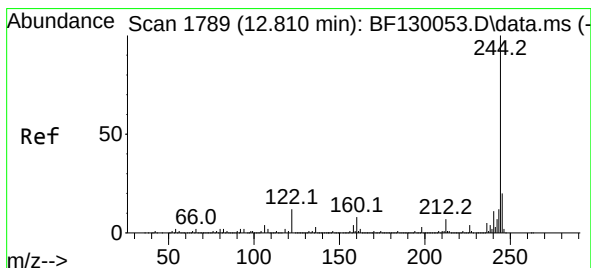
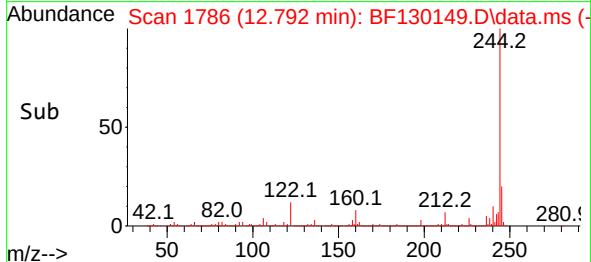
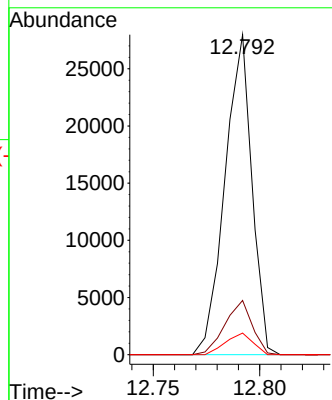
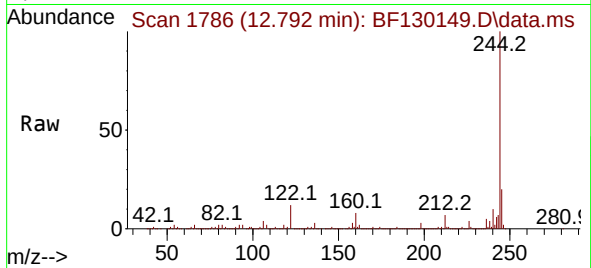




#77
Benzidine
Concen: 2.148 ng
RT: 12.792 min Scan# 1786
Delta R.T. 0.247 min
Lab File: BF130149.D
Acq: 06 Sep 2022 21:25

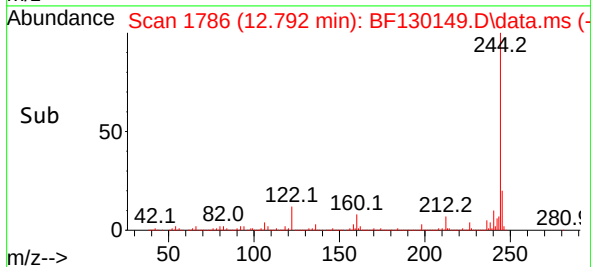
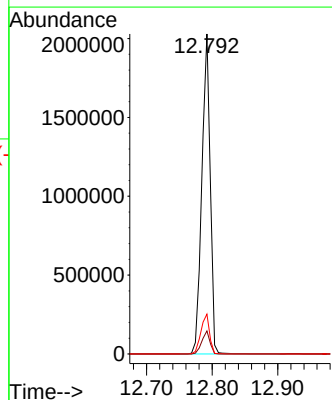
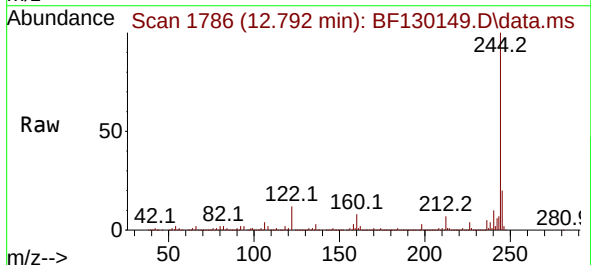
Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

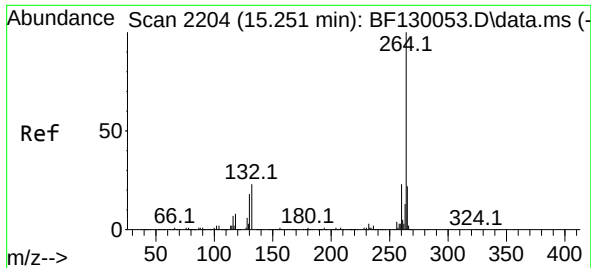
Tgt Ion:184 Resp: 24557
Ion Ratio Lower Upper
184 100
185 17.0 11.4 17.2
183 6.7 9.4 14.2#



#79
Terphenyl-d14
Concen: 73.951 ng
RT: 12.792 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF130149.D
Acq: 06 Sep 2022 21:25

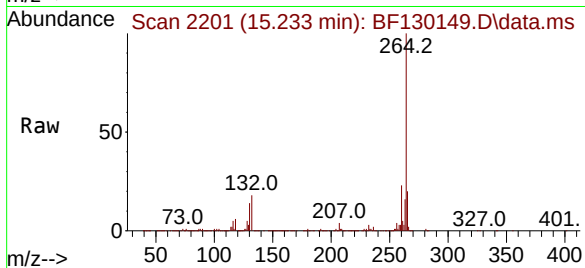
Tgt Ion:244 Resp: 1805871
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 12.4 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130149.D
Acq: 06 Sep 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP



Tgt Ion:264 Resp: 351669
Ion Ratio Lower Upper
264 100
260 22.9 19.1 28.7
265 20.5 16.7 25.1

