

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
 Data File : BF130034.D
 Acq On : 29 Aug 2022 14:47
 Operator : CG\JU
 Sample : N4355-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: Aug 30 01:26:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 30 01:22:56 2022
 Response via : Initial Calibration

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

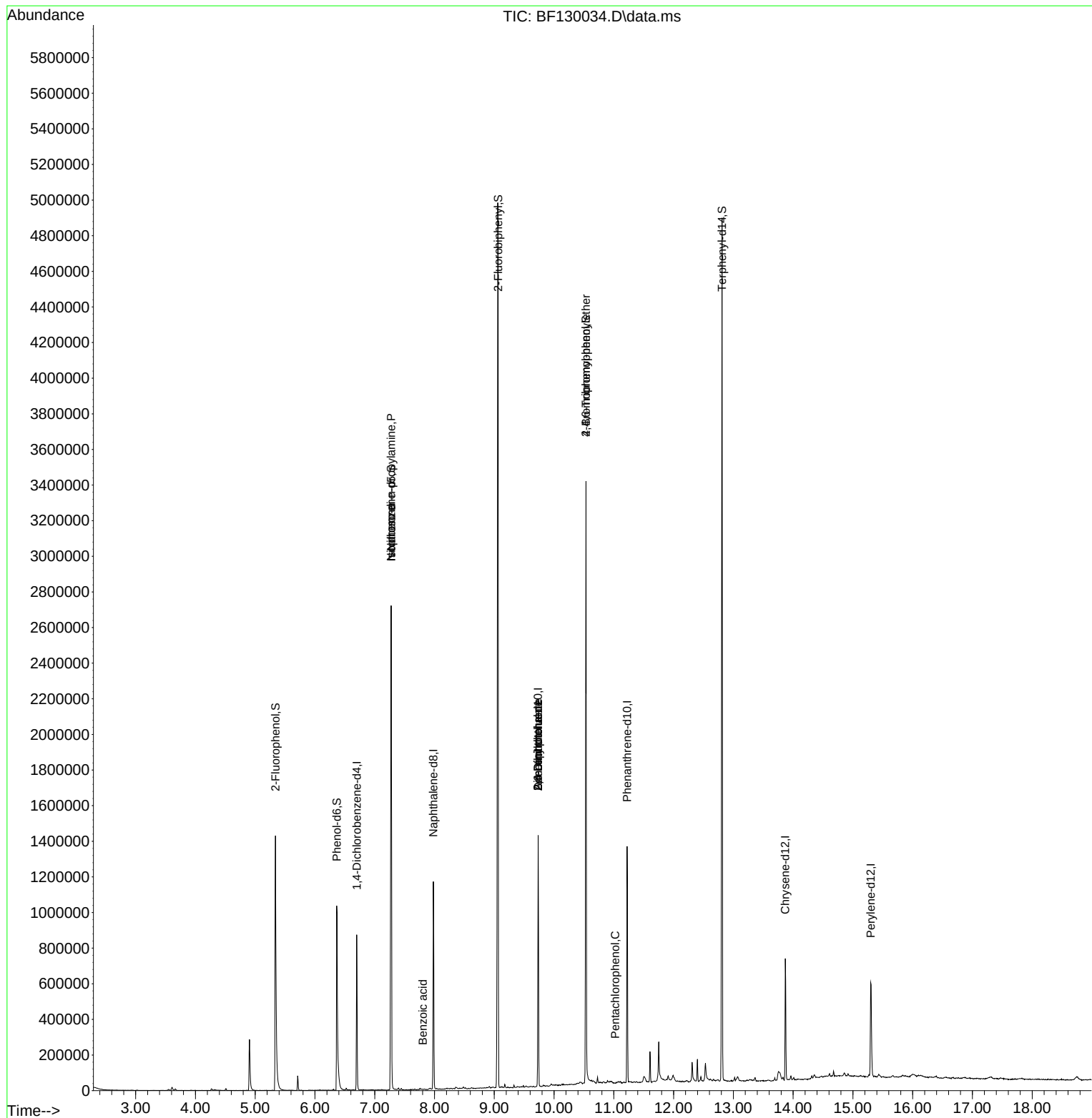
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	122277	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	497635	20.000	ng	0.00
39) Acenaphthene-d10	9.734	164	259616	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	447335	20.000	ng	0.00
76) Chrysene-d12	13.869	240	222002	20.000	ng	0.00
86) Perylene-d12	15.298	264	240030	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	476459	64.515	ng	0.00
7) Phenol-d6	6.363	99	437475	47.303	ng	0.00
23) Nitrobenzene-d5	7.275	82	899789	96.793	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	372383	142.914	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	1650844	96.578	ng	0.00
79) Terphenyl-d14	12.810	244	1551258	116.269	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.287	77	149	Below Cal	#	42
19) n-Nitroso-di-n-propyla...	7.275	70	123136	21.064	ng	# 76
25) Isophorone	7.275	82	899779	56.236	ng	# 65
32) Benzoic acid	7.804	122	308	2.286	ng	# 79
50) Dimethylphthalate	9.734	163	46187	2.482	ng	# 1
51) 2,6-Dinitrotoluene	9.734	165	34062	8.437	ng	# 23
57) 2,4-Dinitrotoluene	9.734	165	34062	6.499	ng	# 18
67) 4-Bromophenyl-phenylether	10.533	248	24076	4.595	ng	# 1
70) Pentachlorophenol	11.022	266	86	5.229	ng	# 20
77) Benzidine	12.810	184	22591	Below Cal	#	88

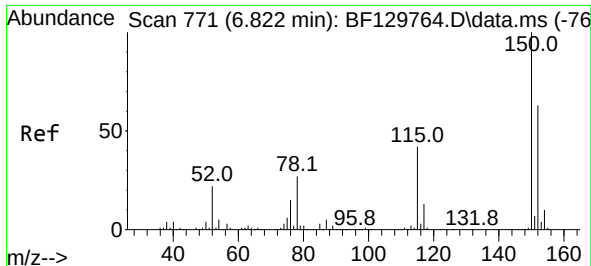
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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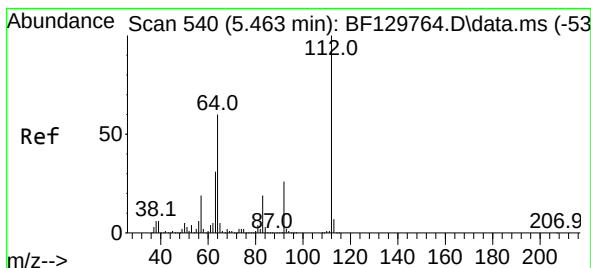
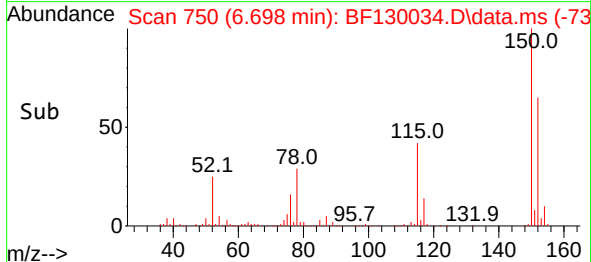
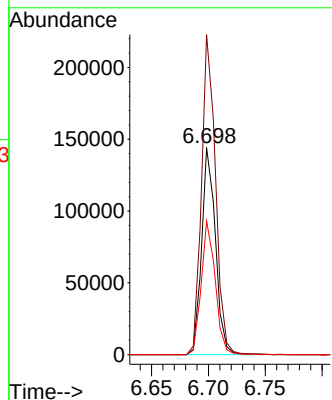
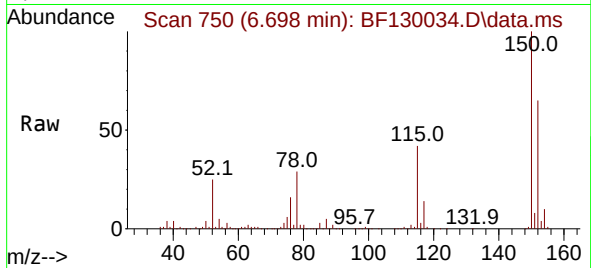




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130034.D
Acq: 29 Aug 2022 14:47

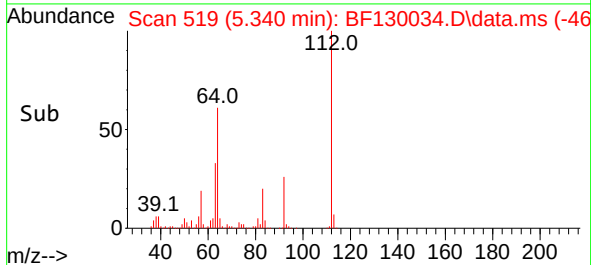
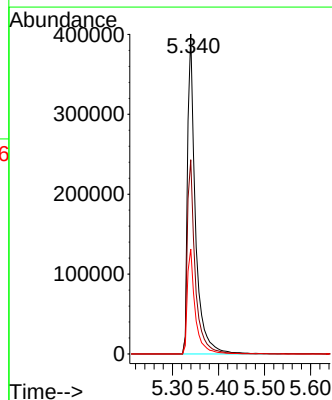
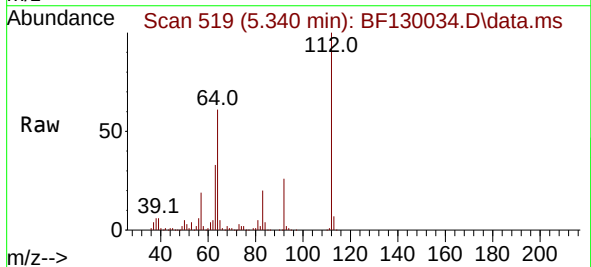
Instrument :
BNA_F
ClientSampleId :
MW-14

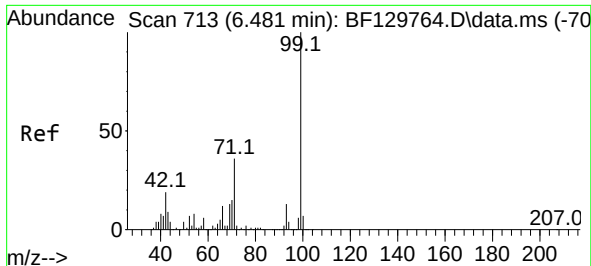
Tgt Ion:152 Resp: 122277
Ion Ratio Lower Upper
152 100
150 154.6 126.9 190.3
115 64.6 53.4 80.0



#5
2-Fluorophenol
Concen: 64.515 ng
RT: 5.340 min Scan# 519
Delta R.T. 0.006 min
Lab File: BF130034.D
Acq: 29 Aug 2022 14:47

Tgt Ion:112 Resp: 476459
Ion Ratio Lower Upper
112 100
64 60.7 47.6 71.4
63 32.8 24.6 37.0

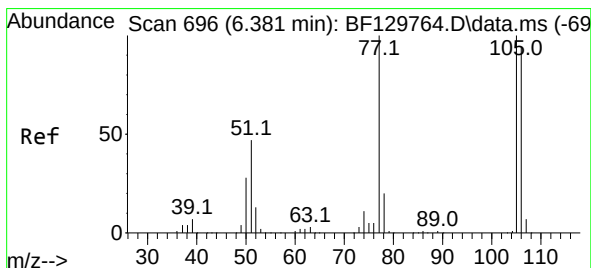
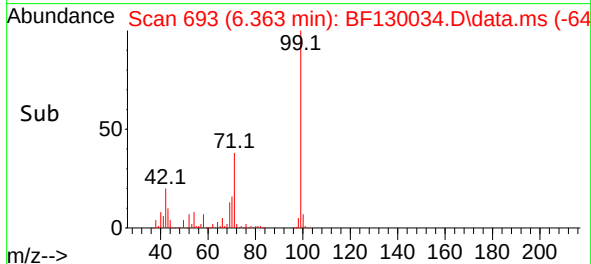
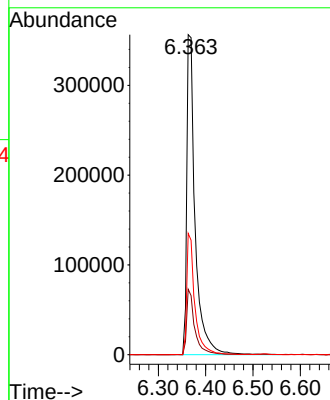
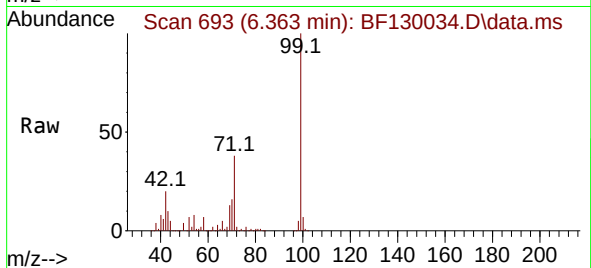




#7
Phenol-d6
Concen: 47.303 ng
RT: 6.363 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130034.D
Acq: 29 Aug 2022 14:47

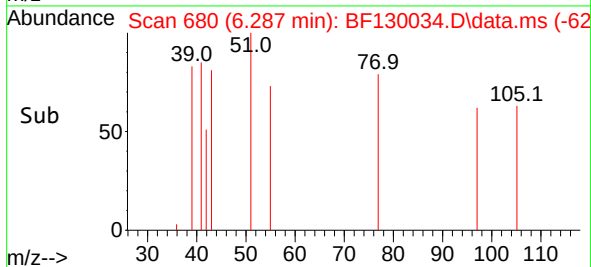
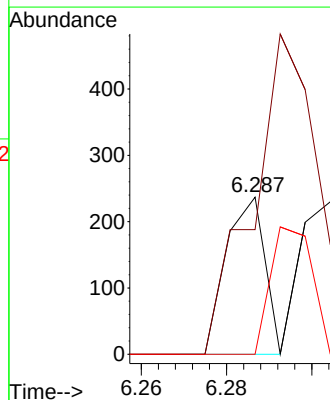
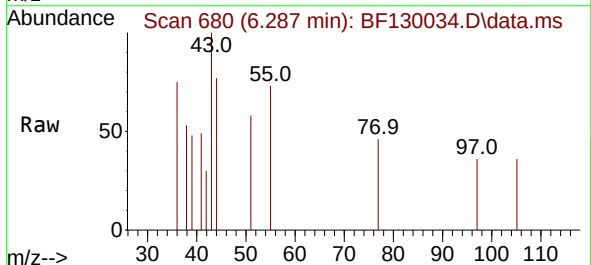
Instrument :
BNA_F
ClientSampleId :
MW-14

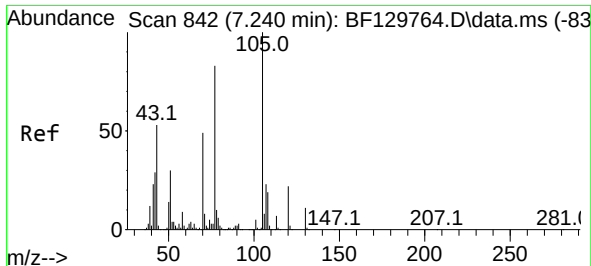
Tgt Ion: 99 Resp: 437475
Ion Ratio Lower Upper
99 100
42 20.4 15.0 22.4
71 37.9 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.287 min Scan# 680
Delta R.T. 0.024 min
Lab File: BF130034.D
Acq: 29 Aug 2022 14:47

Tgt Ion: 77 Resp: 149
Ion Ratio Lower Upper
77 100
105 79.3 80.3 120.3#
106 0.0 74.3 114.3#





#19

n-Nitroso-di-n-propylamine

Concen: 21.064 ng

RT: 7.275 min Scan# 84

Delta R.T. 0.147 min

Lab File: BF130034.D

Acq: 29 Aug 2022 14:47

Instrument :

BNA_F

ClientSampleId :

MW-14

Tgt Ion: 70 Resp: 123136

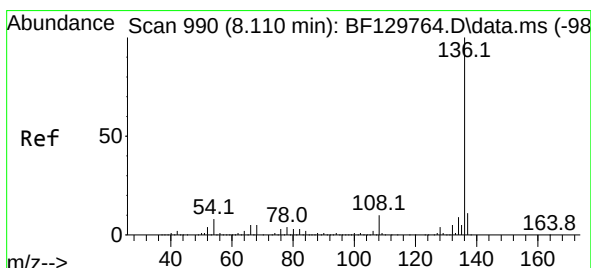
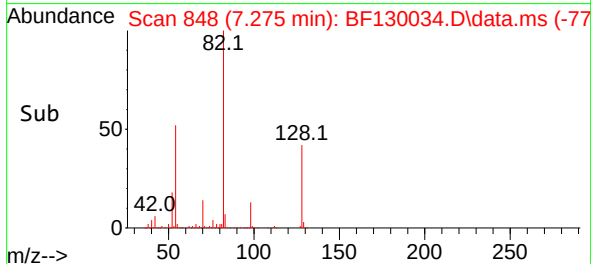
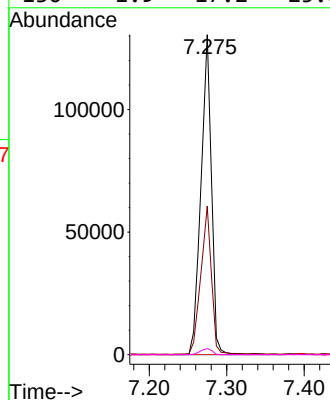
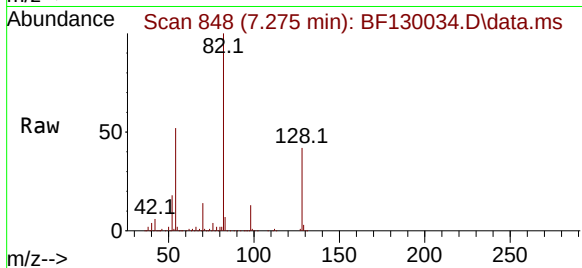
Ion Ratio Lower Upper

70 100

42 46.5 47.6 71.4#

101 0.0 8.1 12.1#

130 1.9 17.2 25.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.981 min Scan# 968

Delta R.T. -0.006 min

Lab File: BF130034.D

Acq: 29 Aug 2022 14:47

Tgt Ion: 136 Resp: 497635

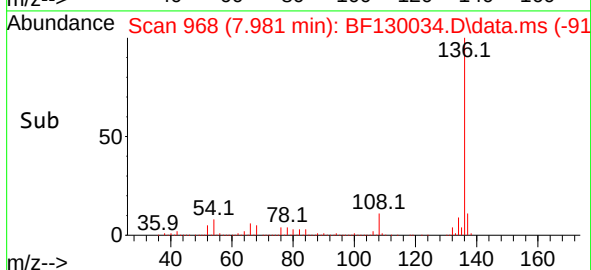
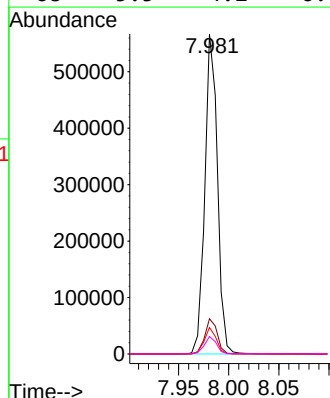
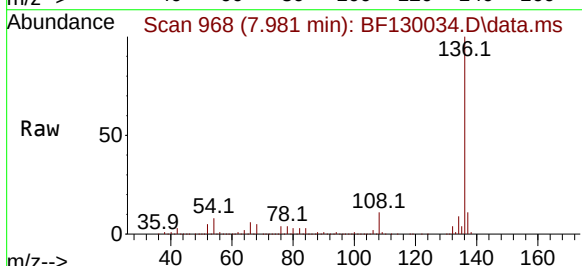
Ion Ratio Lower Upper

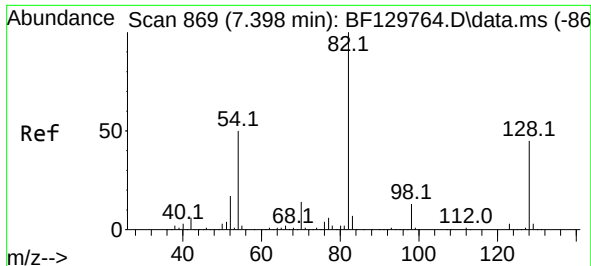
136 100

137 11.0 8.4 12.6

54 8.3 6.2 9.2

68 5.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 96.793 ng

RT: 7.275 min Scan# 848

Delta R.T. -0.006 min

Lab File: BF130034.D

Acq: 29 Aug 2022 14:47

Instrument :

BNA_F

ClientSampleId :

MW-14

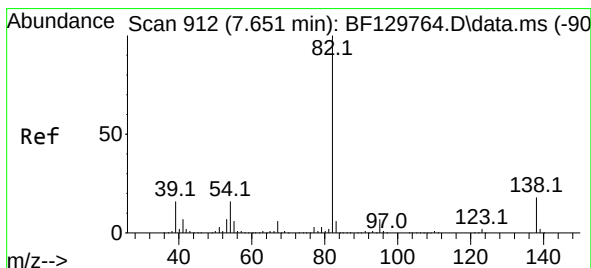
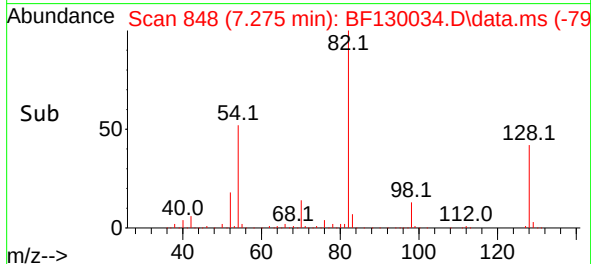
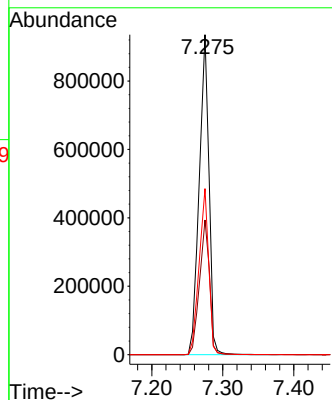
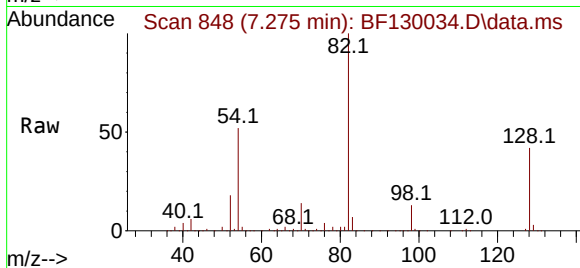
Tgt Ion: 82 Resp: 899789

Ion Ratio Lower Upper

82 100

128 42.1 36.1 54.1

54 51.9 40.0 60.0



#25

Isophorone

Concen: 56.236 ng

RT: 7.275 min Scan# 848

Delta R.T. -0.259 min

Lab File: BF130034.D

Acq: 29 Aug 2022 14:47

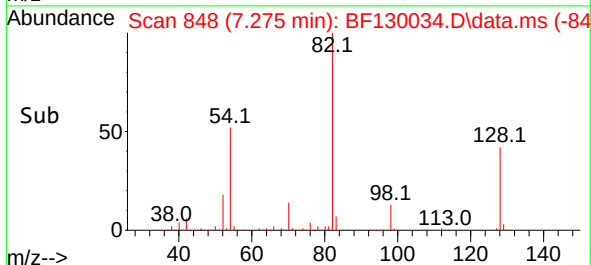
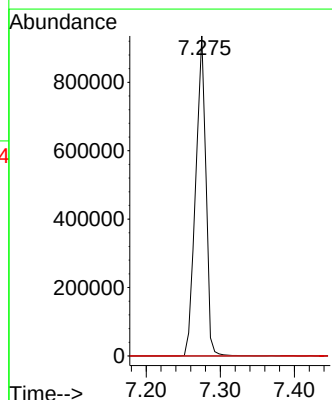
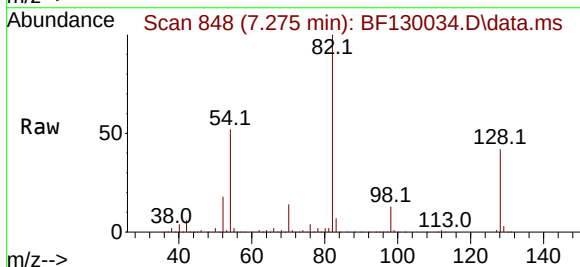
Tgt Ion: 82 Resp: 899779

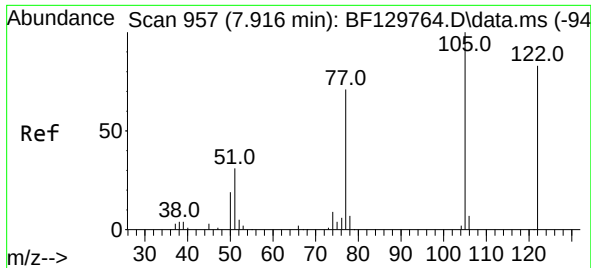
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

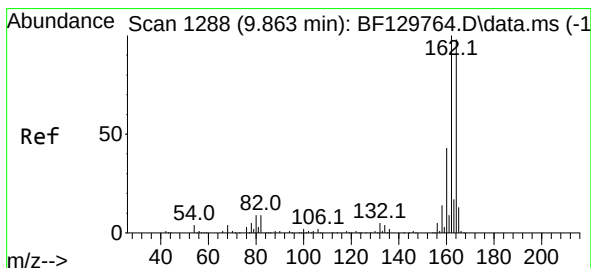
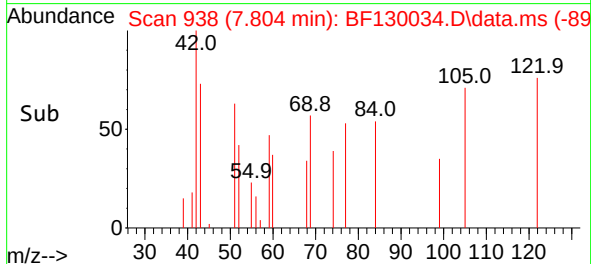
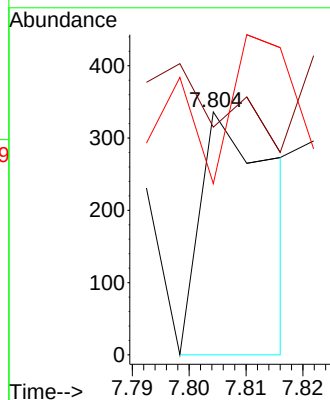
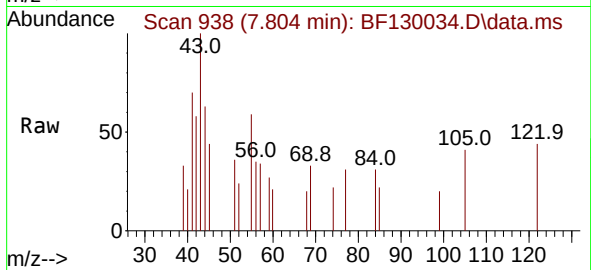




#32
Benzoic acid
Concen: 2.286 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF130034.D
Acq: 29 Aug 2022 14:47

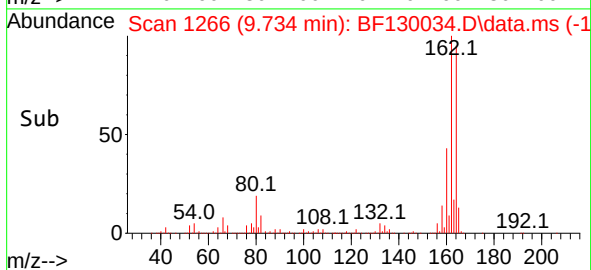
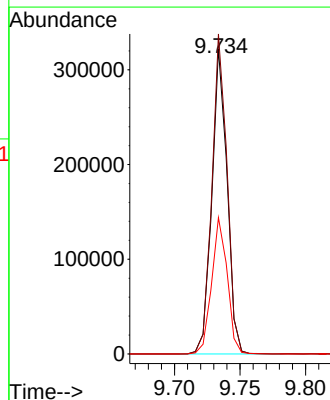
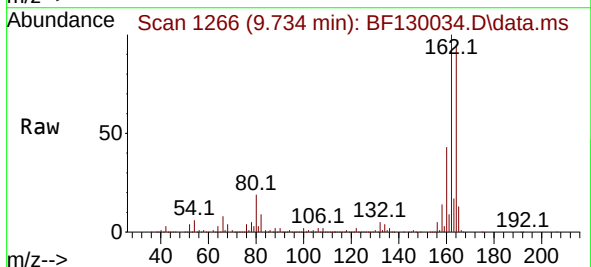
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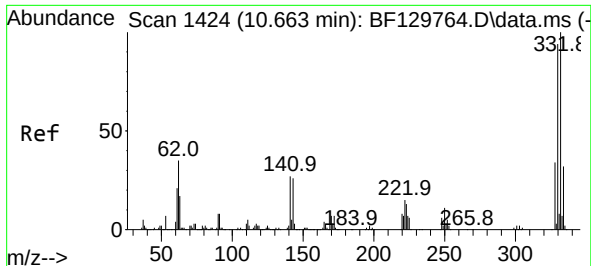
Tgt Ion:122 Resp: 308
Ion Ratio Lower Upper
122 100
105 93.8 99.9 139.9#
77 70.5 65.9 105.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.734 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF130034.D
Acq: 29 Aug 2022 14:47

Tgt Ion:164 Resp: 259616
Ion Ratio Lower Upper
164 100
162 104.9 82.0 123.0
160 44.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 142.914 ng

RT: 10.533 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF130034.D

Acq: 29 Aug 2022 14:47

Instrument :

BNA_F

ClientSampleId :

MW-14

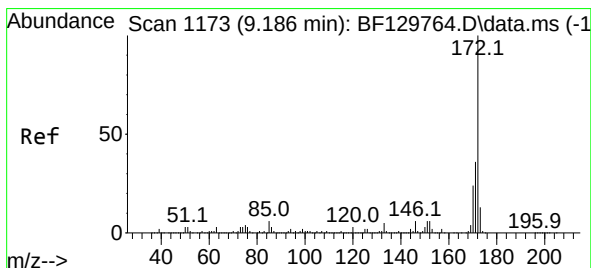
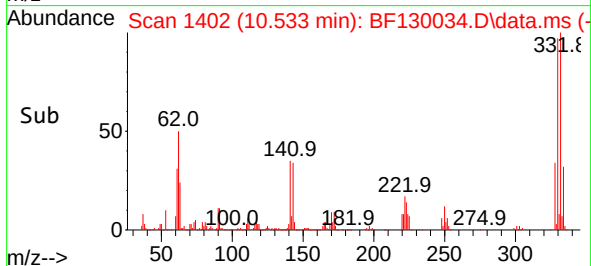
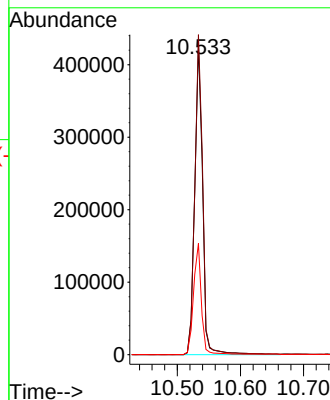
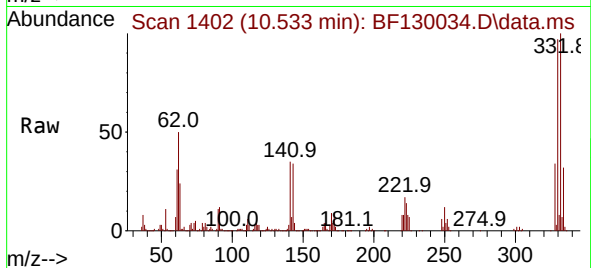
Tgt Ion:330 Resp: 372383

Ion Ratio Lower Upper

330 100

332 102.9 82.6 124.0

141 35.9 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 96.578 ng

RT: 9.063 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF130034.D

Acq: 29 Aug 2022 14:47

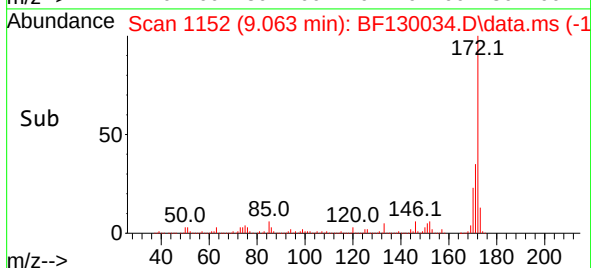
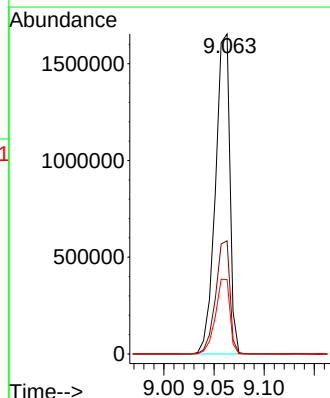
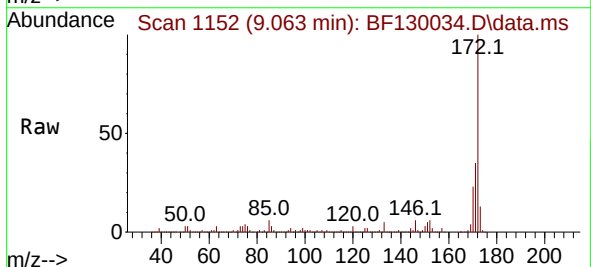
Tgt Ion:172 Resp: 1650844

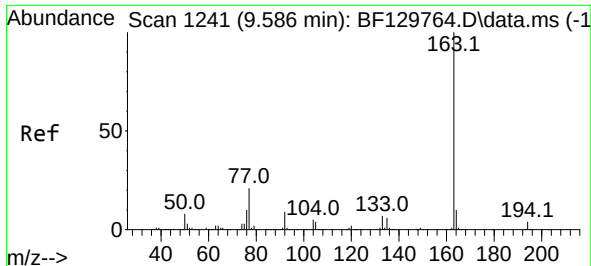
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.3 19.1 28.7

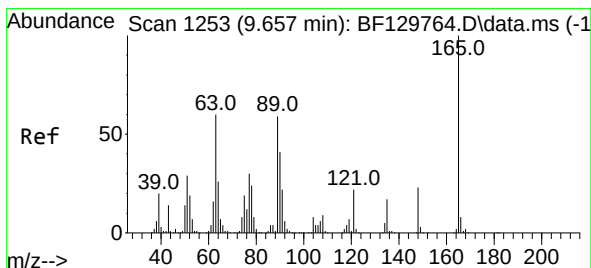
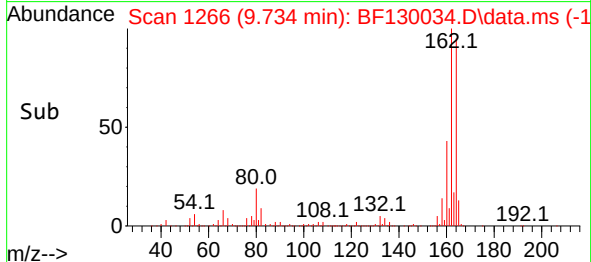
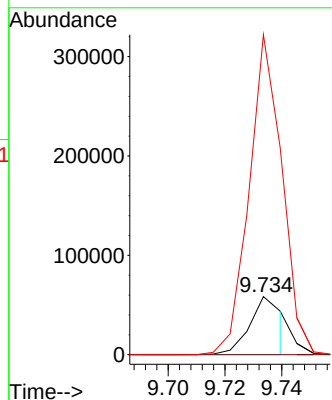
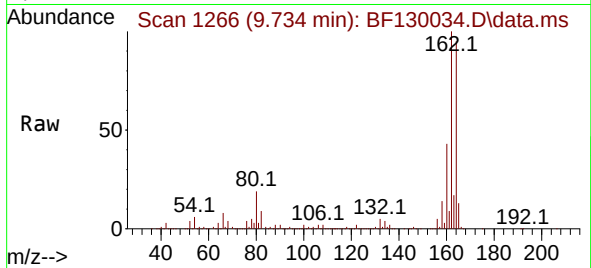




#50
Dimethylphthalate
Concen: 2.482 ng
RT: 9.734 min Scan# 1266
Delta R.T. 0.265 min
Lab File: BF130034.D
Acq: 29 Aug 2022 14:47

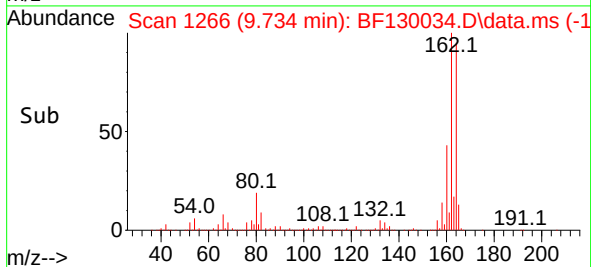
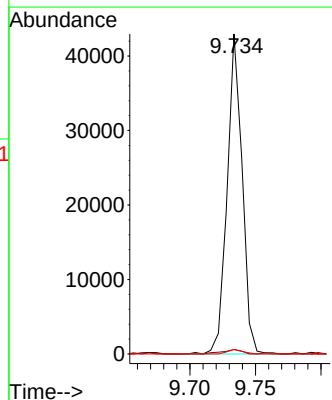
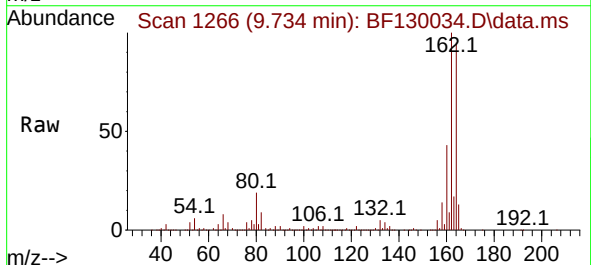
Instrument :
BNA_F
ClientSampleId :
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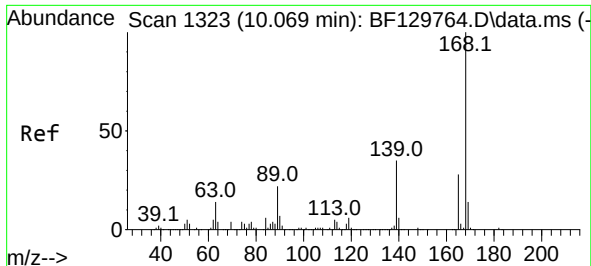
Tgt Ion:163 Resp: 46187
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 551.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.437 ng
RT: 9.734 min Scan# 1266
Delta R.T. 0.188 min
Lab File: BF130034.D
Acq: 29 Aug 2022 14:47

Tgt Ion:165 Resp: 34062
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.8#
89 1.4 47.2 70.8#

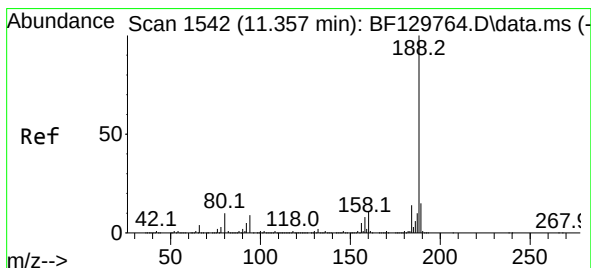
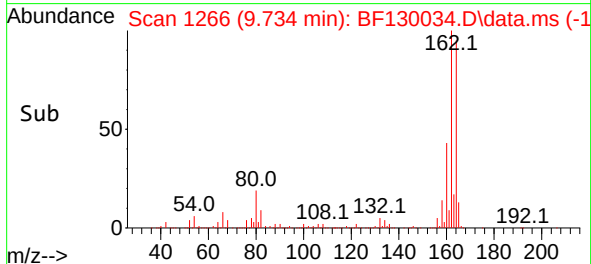
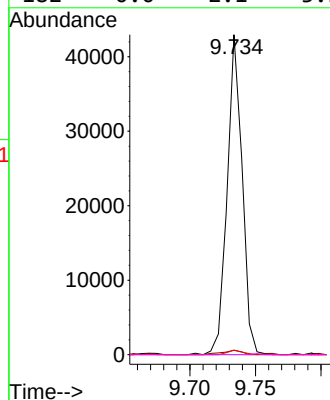
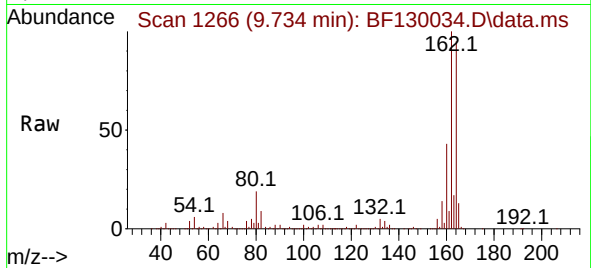




#57
2,4-Dinitrotoluene
Concen: 6.499 ng
RT: 9.734 min Scan# 1519
Delta R.T. -0.217 min
Lab File: BF130034.D
Acq: 29 Aug 2022 14:47

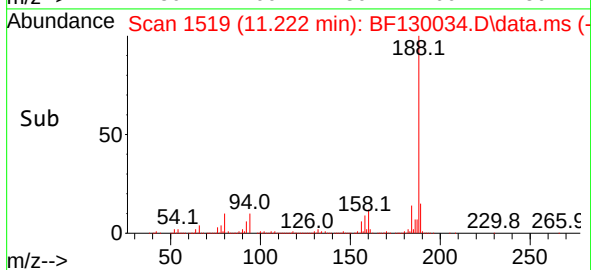
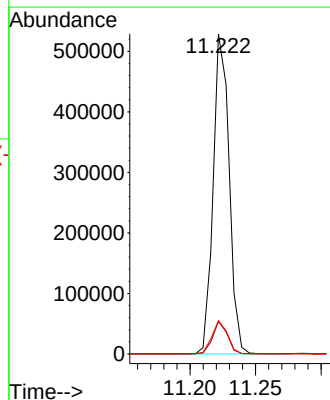
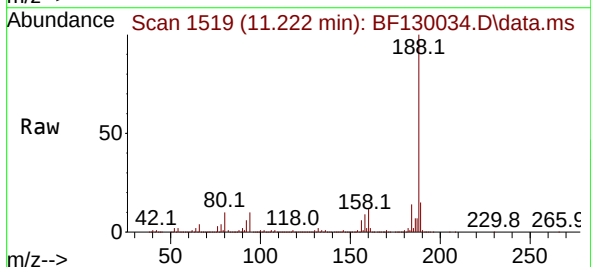
Instrument :
BNA_F
ClientSampleId :
MW-14

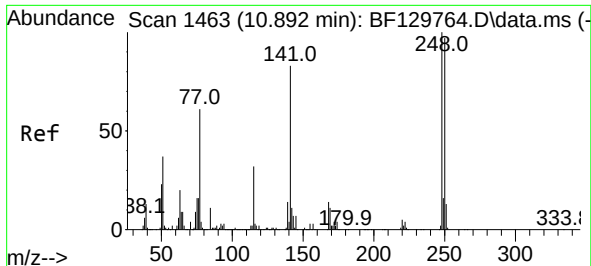
Tgt Ion:165 Resp: 34062
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.4 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF130034.D
Acq: 29 Aug 2022 14:47

Tgt Ion:188 Resp: 447335
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.4 7.9 11.9

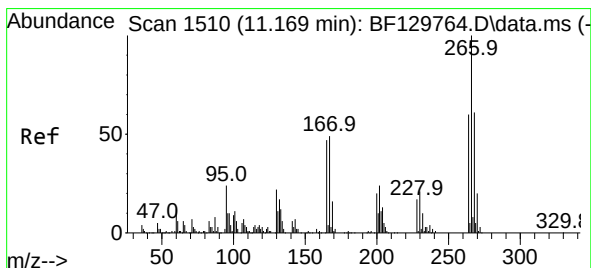
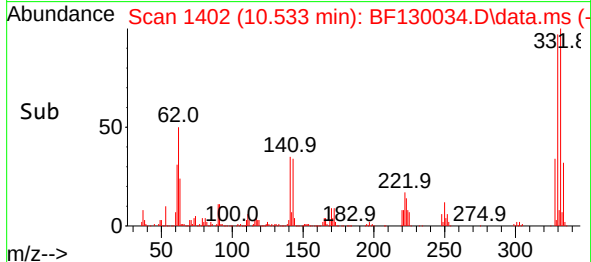
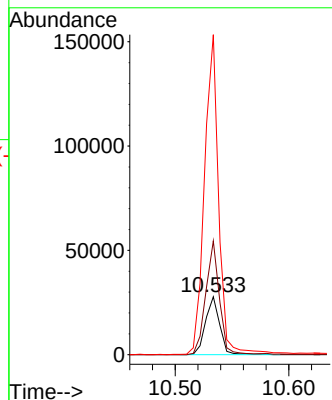
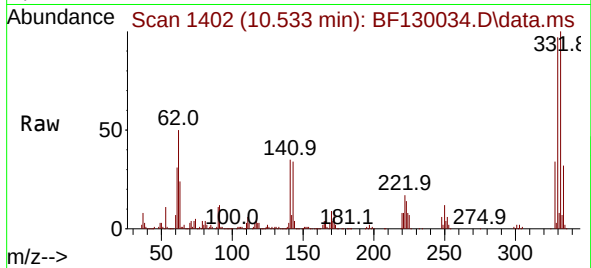




#67
4-Bromophenyl-phenylether
Concen: 4.595 ng
RT: 10.533 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF130034.D
Acq: 29 Aug 2022 14:47

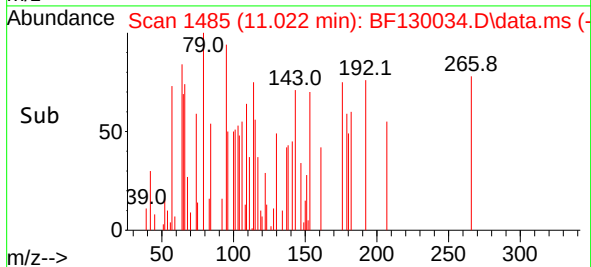
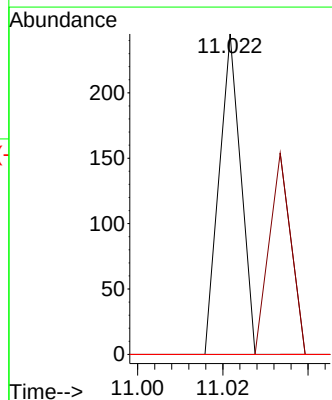
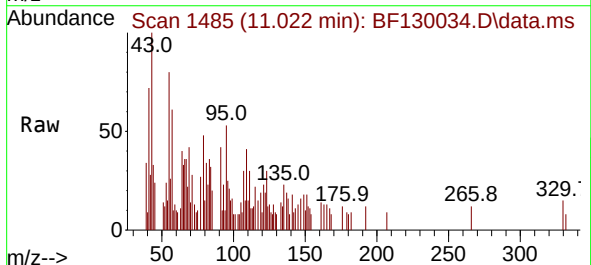
Instrument :
BNA_F
ClientSampleId :
MW-14

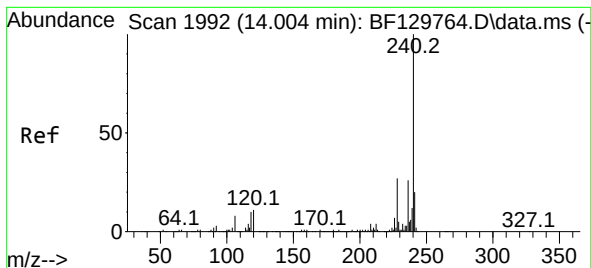
Tgt Ion:248 Resp: 24076
Ion Ratio Lower Upper
248 100
250 196.2 77.8 116.6#
141 551.8 66.2 99.2#



#70
Pentachlorophenol
Concen: 5.229 ng
RT: 11.022 min Scan# 1485
Delta R.T. -0.029 min
Lab File: BF130034.D
Acq: 29 Aug 2022 14:47

Tgt Ion:266 Resp: 86
Ion Ratio Lower Upper
266 100
268 0.0 49.0 73.4#
264 0.0 47.9 71.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.869 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF130034.D

Acq: 29 Aug 2022 14:47

Instrument :

BNA_F

ClientSampleId :

MW-14

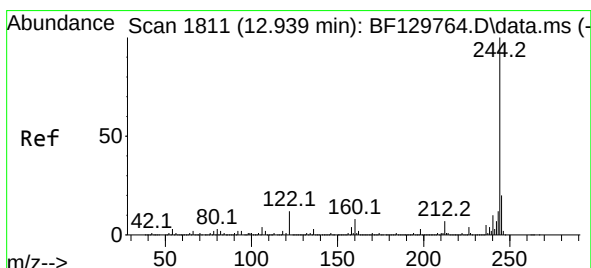
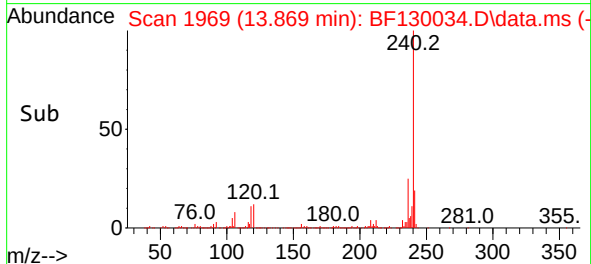
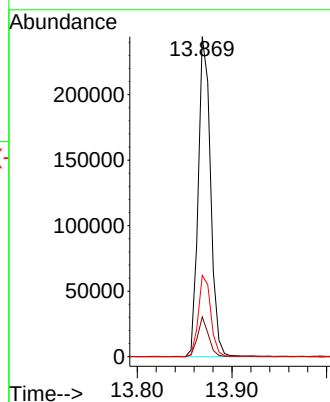
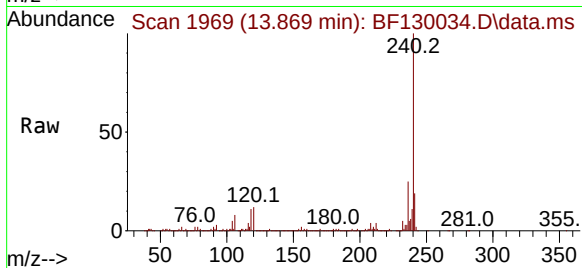
Tgt Ion:240 Resp: 222002

Ion Ratio Lower Upper

240 100

120 12.5 9.2 13.8

236 25.4 20.7 31.1



#79

Terphenyl-d14

Concen: 116.269 ng

RT: 12.810 min Scan# 1789

Delta R.T. 0.000 min

Lab File: BF130034.D

Acq: 29 Aug 2022 14:47

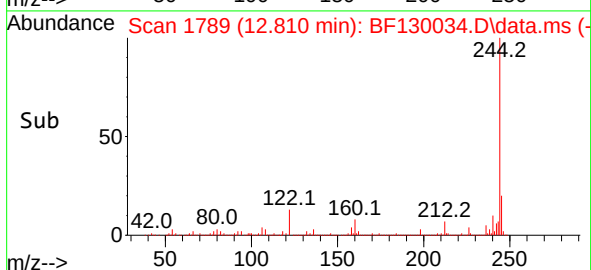
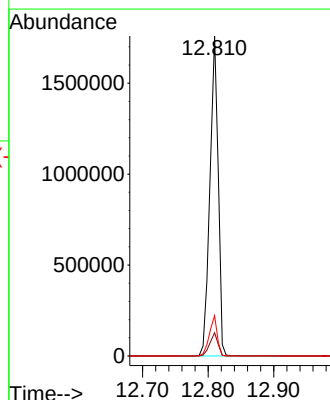
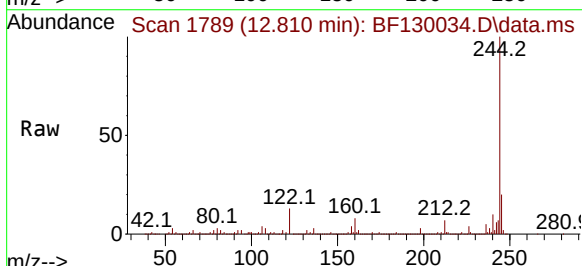
Tgt Ion:244 Resp: 1551258

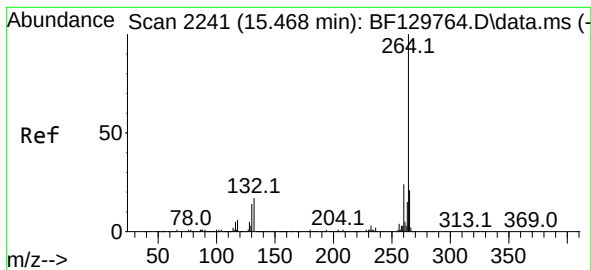
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 12.6 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130034.D
Acq: 29 Aug 2022 14:47

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:264 Resp: 240030

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.1	28.7
265	22.3	16.7	25.1

