

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
 Data File : BF130041.D
 Acq On : 29 Aug 2022 18:49
 Operator : CG\JU
 Sample : N4355-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Quant Time: Aug 30 01:30:13 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)

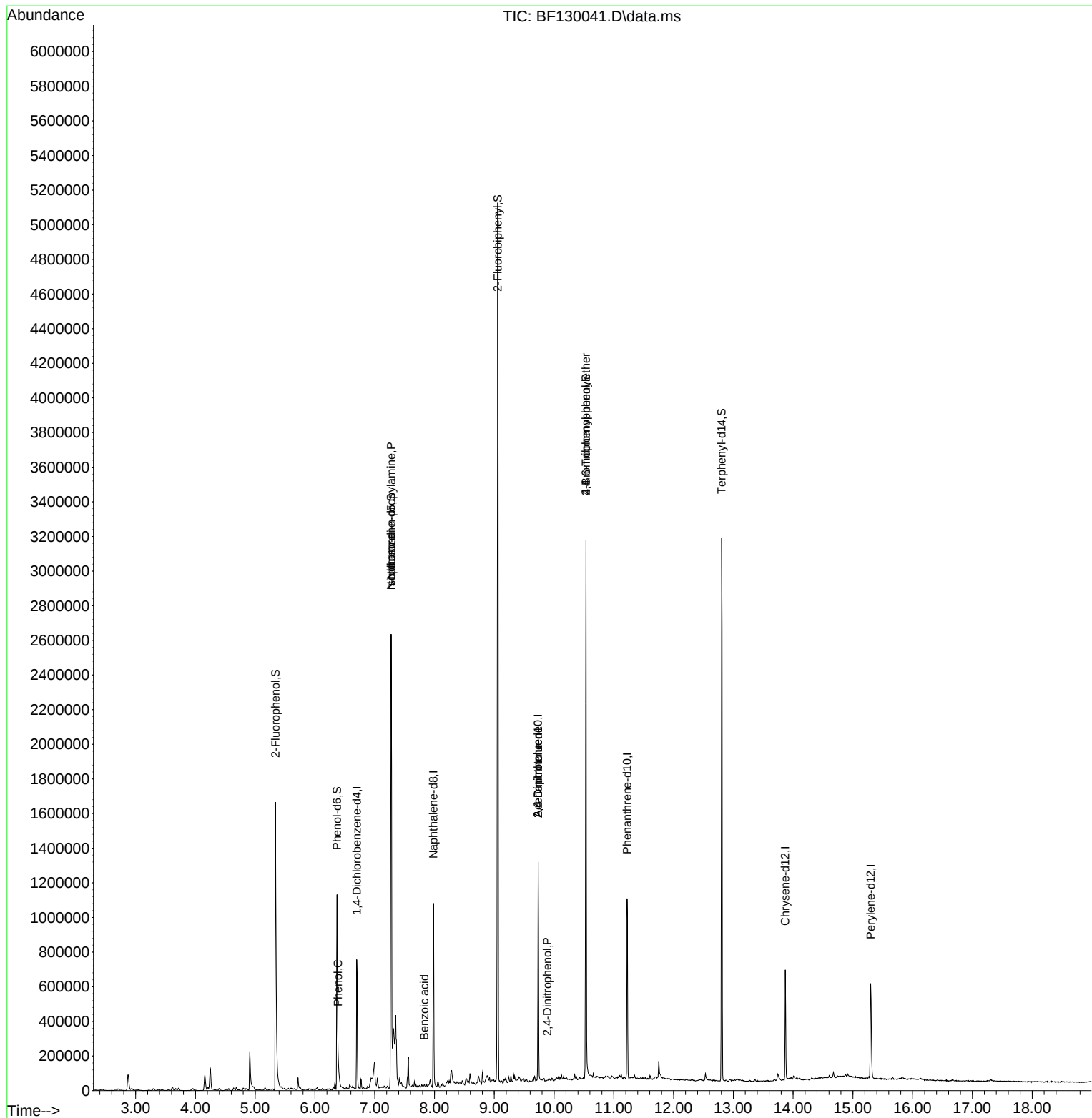
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	112416	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	445232	20.000	ng	0.00
39) Acenaphthene-d10	9.734	164	234510	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	370665	20.000	ng	0.00
76) Chrysene-d12	13.869	240	193709	20.000	ng	0.00
86) Perylene-d12	15.298	264	236342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	522739	76.991	ng	0.00
7) Phenol-d6	6.369	99	416216	48.952	ng	0.00
23) Nitrobenzene-d5	7.275	82	839544	100.941	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	353551	150.213	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	1497540	96.988	ng	0.00
79) Terphenyl-d14	12.804	244	1038366	89.194	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.240	77	122	Below Cal	#	1
10) Phenol	6.387	94	28365	3.041 ng		85
19) n-Nitroso-di-n-propyla...	7.275	70	115609	21.511 ng	#	78
25) Isophorone	7.275	82	839544	58.648 ng	#	65
32) Benzoic acid	7.828	122	623	2.459 ng	#	1
51) 2,6-Dinitrotoluene	9.734	165	31067	8.519 ng	#	24
54) 2,4-Dinitrophenol	9.886	184	102	5.530 ng	#	22
57) 2,4-Dinitrotoluene	9.734	165	31067	6.563 ng	#	19
67) 4-Bromophenyl-phenylether	10.533	248	21562	4.967 ng	#	1
77) Benzidine	12.804	184	16199	Below Cal	#	92

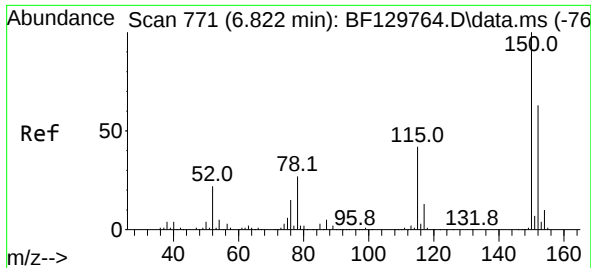
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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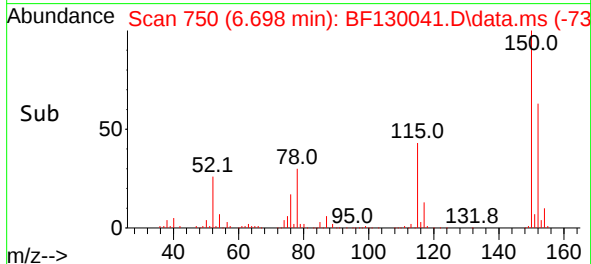
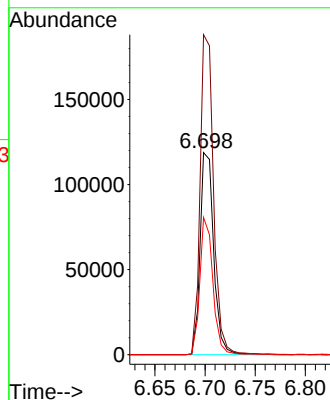
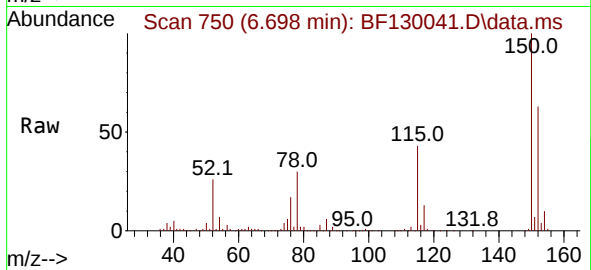




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130041.D
Acq: 29 Aug 2022 18:49

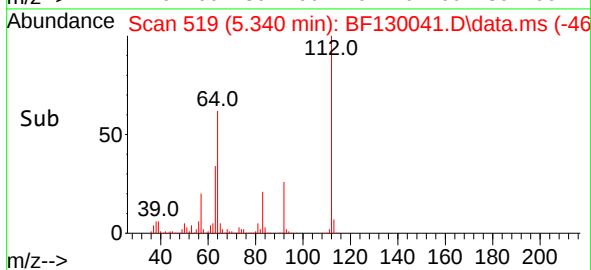
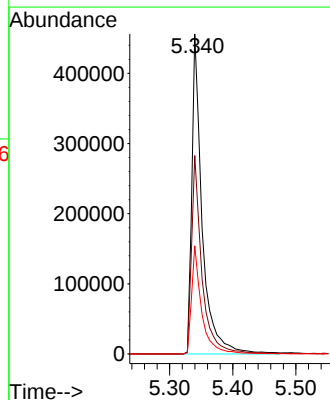
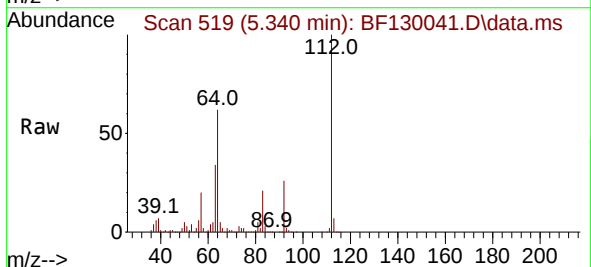
Instrument :
BNA_F
ClientSampleId :
MW-34

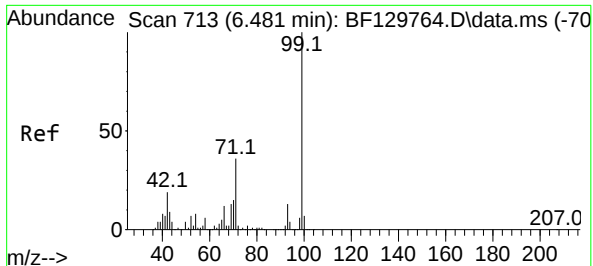
Tgt Ion:152 Resp: 112416
Ion Ratio Lower Upper
152 100
150 158.4 126.9 190.3
115 67.9 53.4 80.0



#5
2-Fluorophenol
Concen: 76.991 ng
RT: 5.340 min Scan# 519
Delta R.T. 0.006 min
Lab File: BF130041.D
Acq: 29 Aug 2022 18:49

Tgt Ion:112 Resp: 522739
Ion Ratio Lower Upper
112 100
64 62.0 47.6 71.4
63 33.8 24.6 37.0

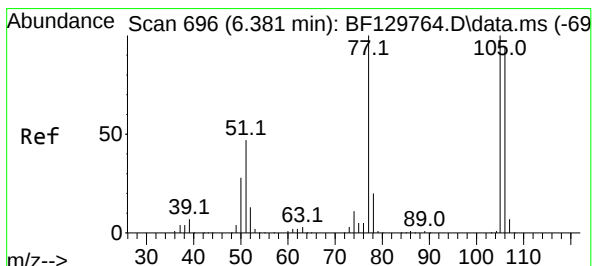
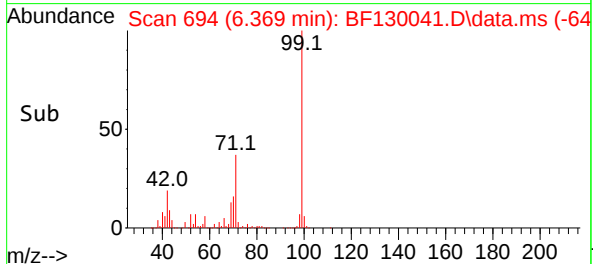
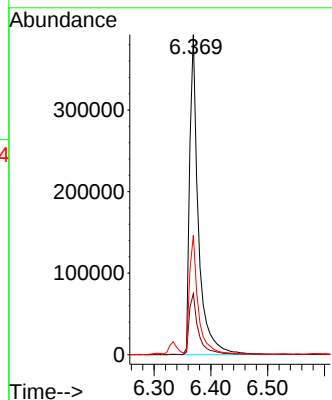
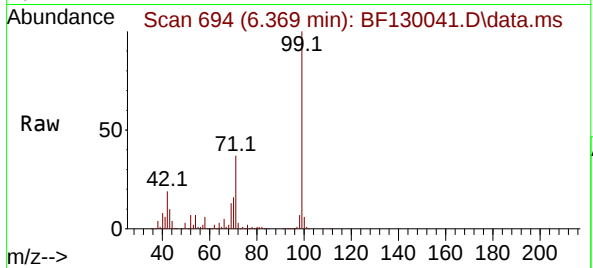




#7
Phenol-d6
Concen: 48.952 ng
RT: 6.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130041.D
Acq: 29 Aug 2022 18:49

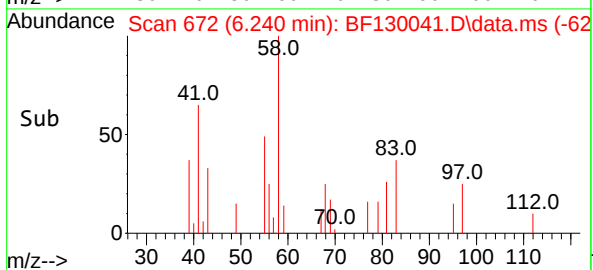
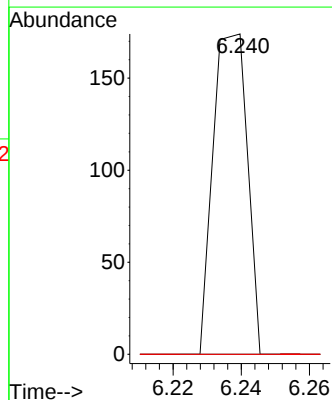
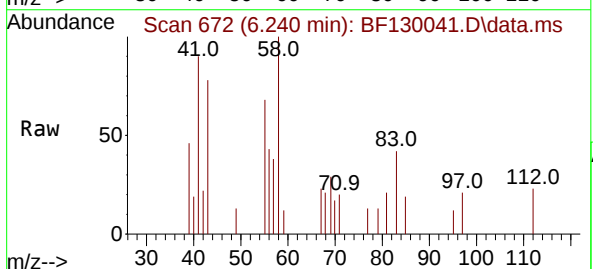
Instrument :
BNA_F
ClientSampleId :
MW-34

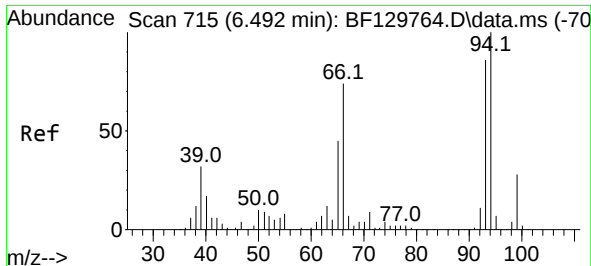
Tgt Ion: 99 Resp: 416216
Ion Ratio Lower Upper
99 100
42 19.0 15.0 22.4
71 37.3 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.240 min Scan# 672
Delta R.T. -0.023 min
Lab File: BF130041.D
Acq: 29 Aug 2022 18:49

Tgt Ion: 77 Resp: 122
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

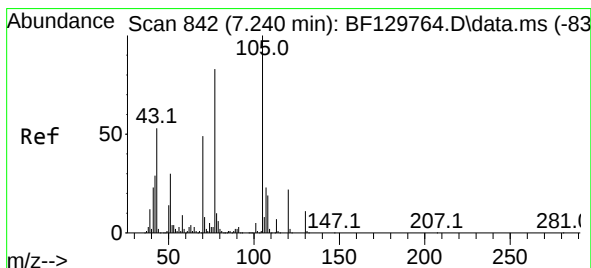
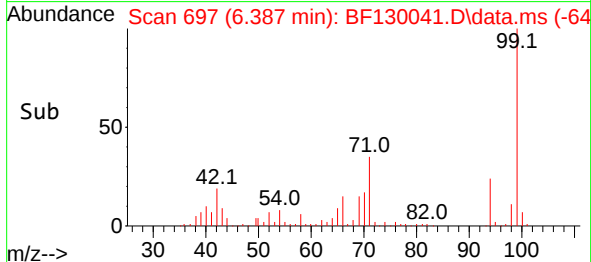
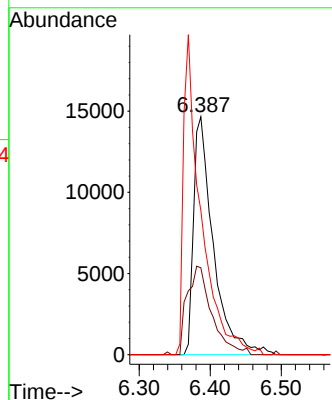
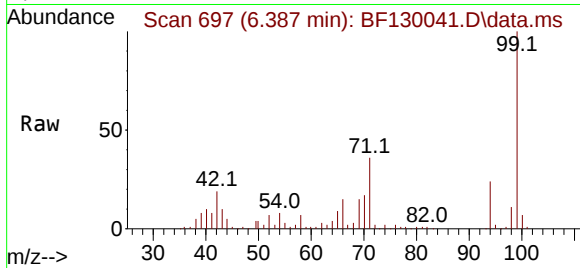




#10
Phenol
Concen: 3.041 ng
RT: 6.387 min Scan# 64
Delta R.T. 0.006 min
Lab File: BF130041.D
Acq: 29 Aug 2022 18:49

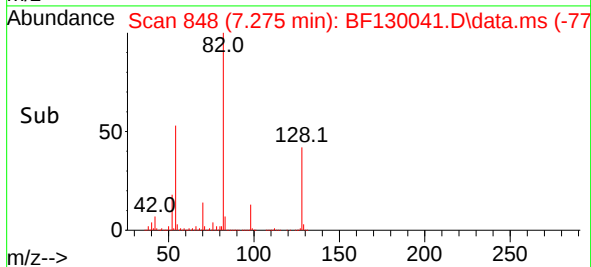
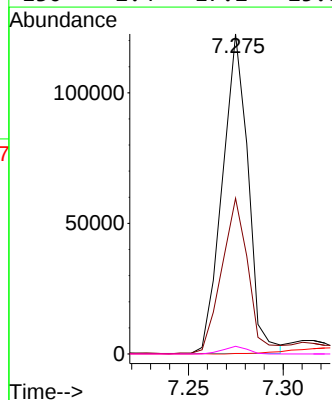
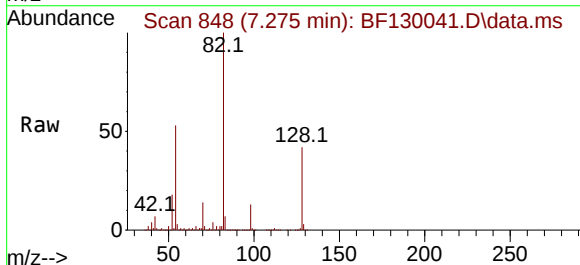
Instrument :
BNA_F
ClientSampleId :
MW-34

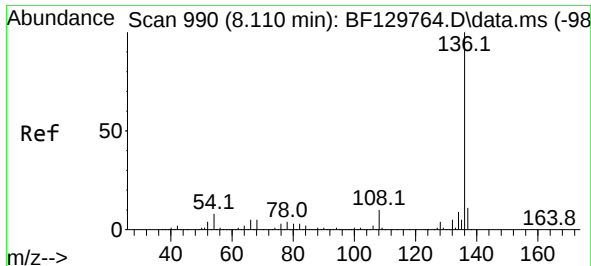
Tgt Ion: 94 Resp: 28365
Ion Ratio Lower Upper
94 100
65 36.5 24.9 64.9
66 60.7 54.2 94.2



#19
n-Nitroso-di-n-propylamine
Concen: 21.511 ng
RT: 7.275 min Scan# 848
Delta R.T. 0.147 min
Lab File: BF130041.D
Acq: 29 Aug 2022 18:49

Tgt Ion: 70 Resp: 115609
Ion Ratio Lower Upper
70 100
42 48.6 47.6 71.4
101 0.2 8.1 12.1#
130 2.4 17.2 25.8#

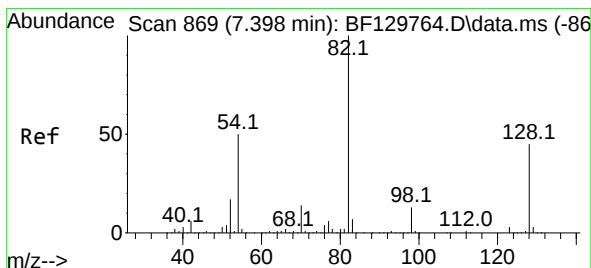
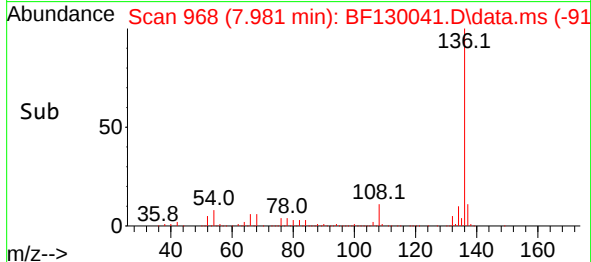
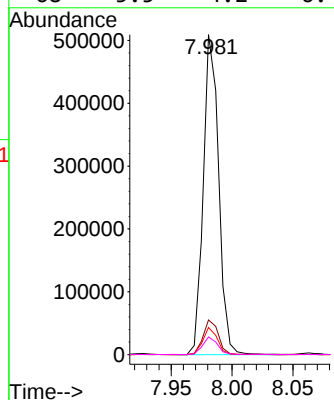
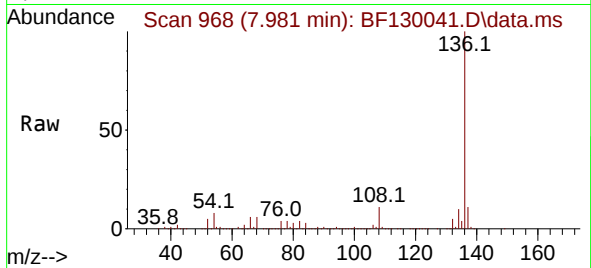




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130041.D
Acq: 29 Aug 2022 18:49

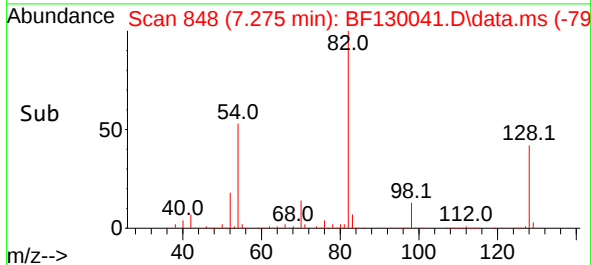
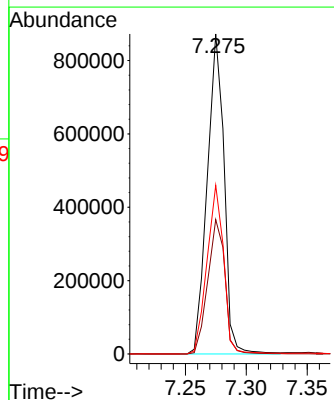
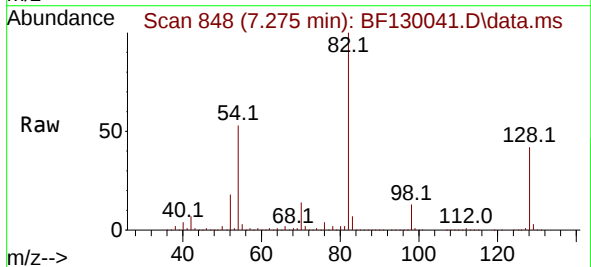
Instrument :
BNA_F
ClientSampleId :
MW-34

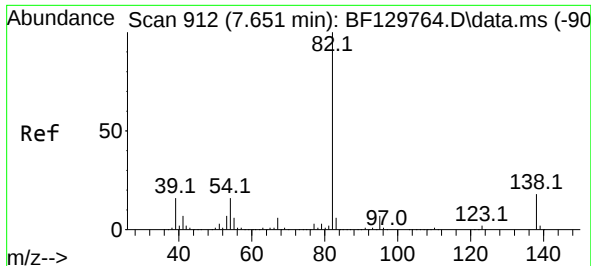
Tgt Ion:	136	Resp:	445232
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.4	12.6
54	8.5	6.2	9.2
68	5.5	4.2	6.4



#23
Nitrobenzene-d5
Concen: 100.941 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF130041.D
Acq: 29 Aug 2022 18:49

Tgt Ion:	82	Resp:	839544
Ion Ratio	Lower	Upper	
82	100		
128	42.0	36.1	54.1
54	52.7	40.0	60.0

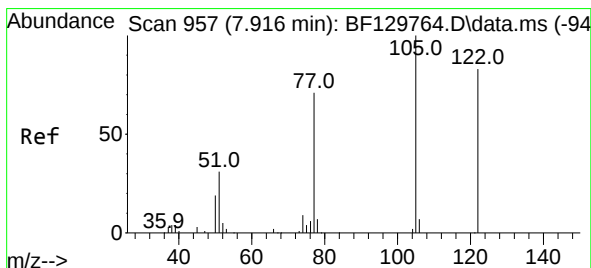
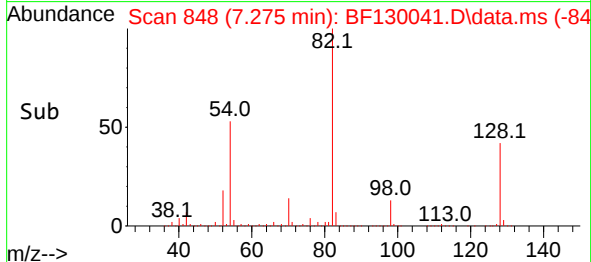
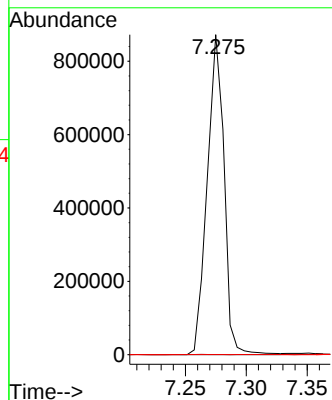
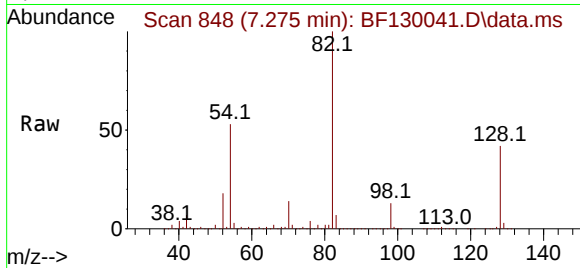




#25
Isophorone
Concen: 58.648 ng
RT: 7.275 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF130041.D
Acq: 29 Aug 2022 18:49

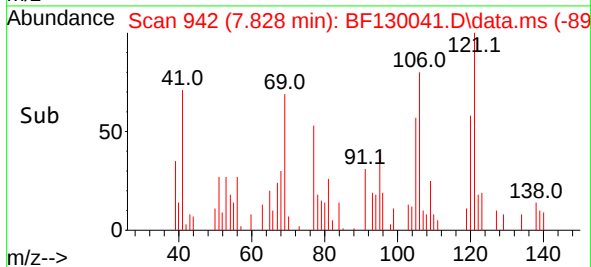
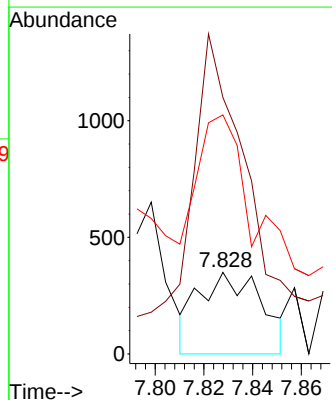
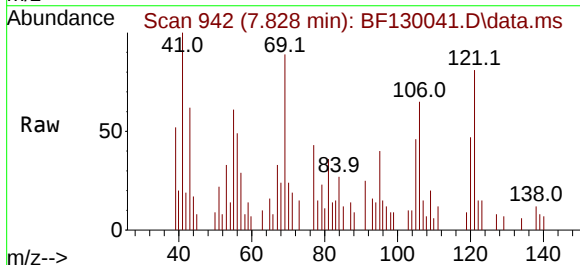
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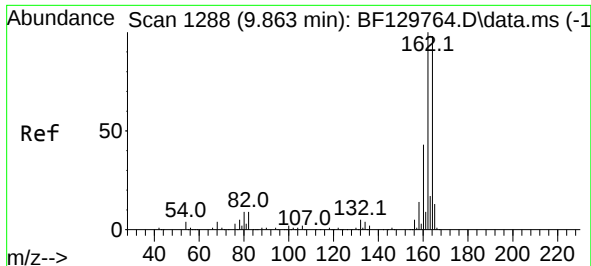
Tgt Ion: 82 Resp: 839544
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 2.459 ng
RT: 7.828 min Scan# 942
Delta R.T. 0.006 min
Lab File: BF130041.D
Acq: 29 Aug 2022 18:49

Tgt Ion:122 Resp: 623
Ion Ratio Lower Upper
122 100
105 314.3 99.9 139.9#
77 292.9 65.9 105.9#

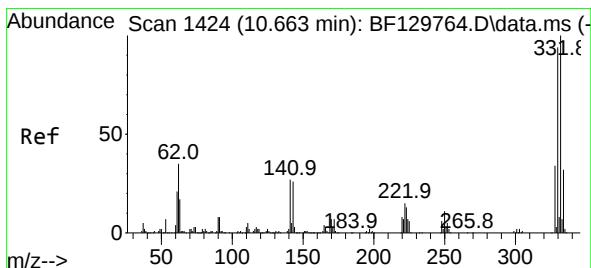
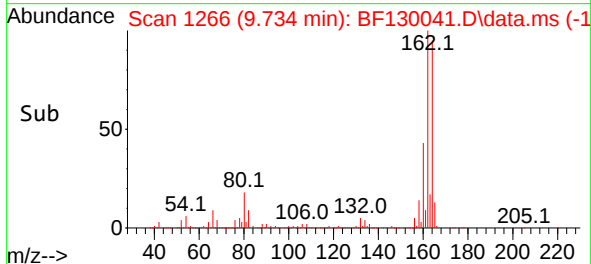
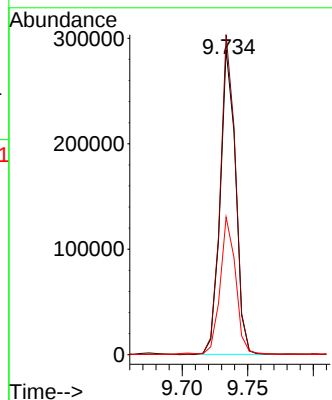
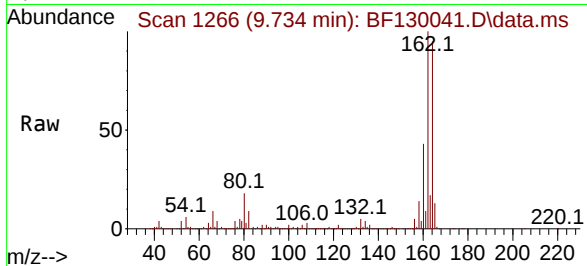




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.734 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130041.D
Acq: 29 Aug 2022 18:49

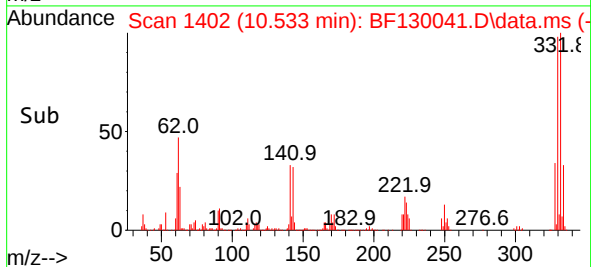
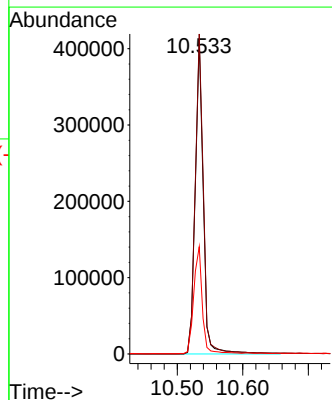
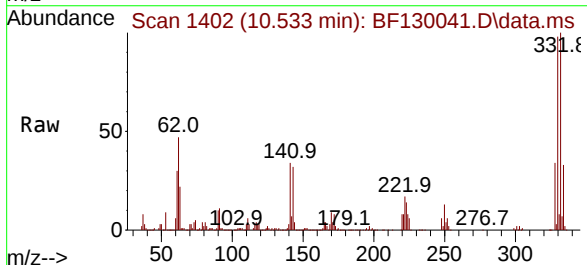
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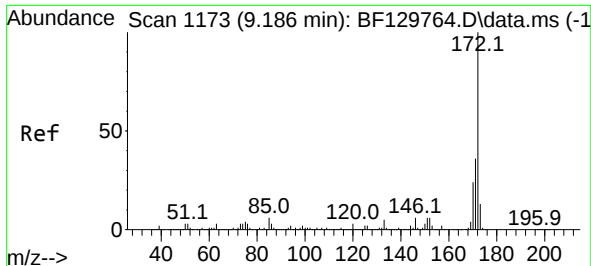
Tgt Ion:164 Resp: 234510
Ion Ratio Lower Upper
164 100
162 104.9 82.0 123.0
160 45.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 150.213 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF130041.D
Acq: 29 Aug 2022 18:49

Tgt Ion:330 Resp: 353551
Ion Ratio Lower Upper
330 100
332 102.9 82.6 124.0
141 36.0 27.6 41.4

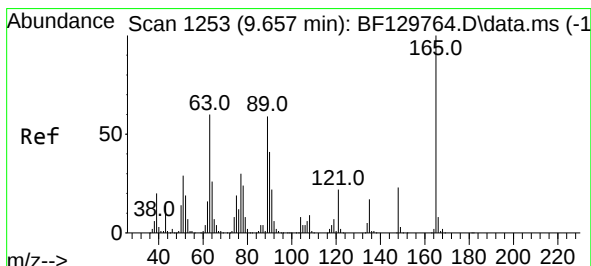
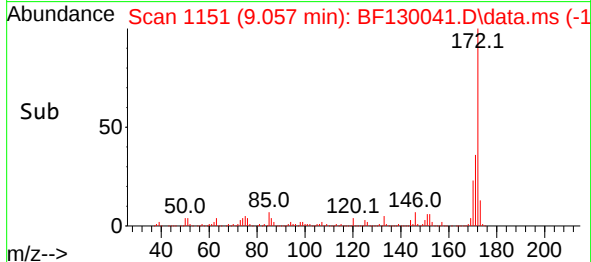
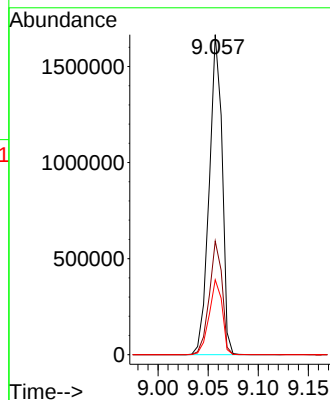
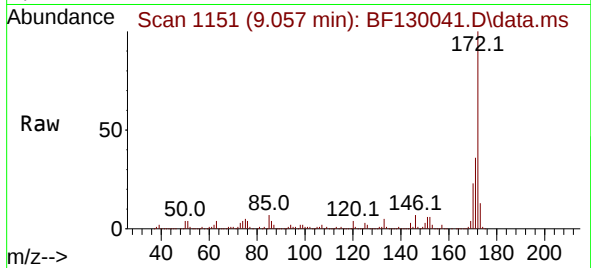




#45
2-Fluorobiphenyl
Concen: 96.988 ng
RT: 9.057 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF130041.D
Acq: 29 Aug 2022 18:49

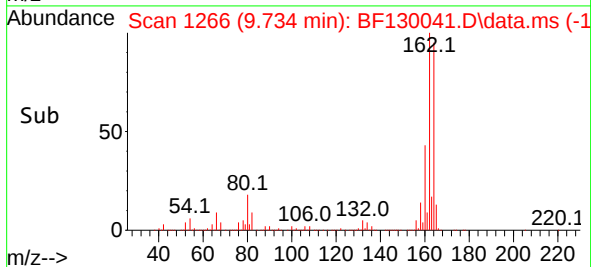
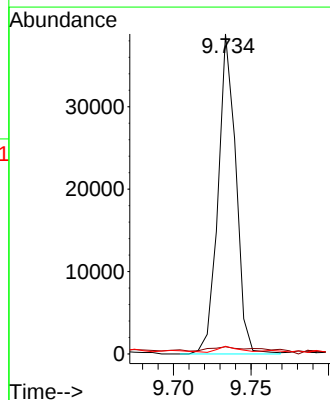
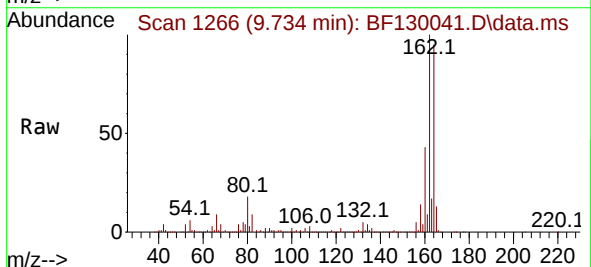
Instrument :
BNA_F
ClientSampleId :
MW-34

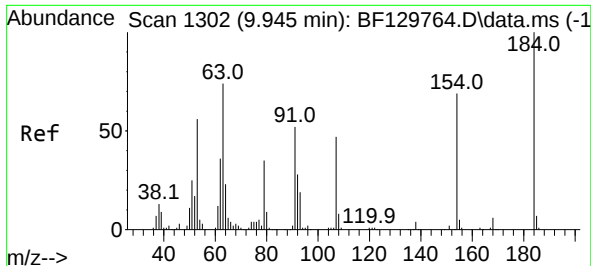
Tgt Ion:172 Resp: 1497540
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.4 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 8.519 ng
RT: 9.734 min Scan# 1266
Delta R.T. 0.188 min
Lab File: BF130041.D
Acq: 29 Aug 2022 18:49

Tgt Ion:165 Resp: 31067
Ion Ratio Lower Upper
165 100
63 2.2 47.8 71.8#
89 2.4 47.2 70.8#

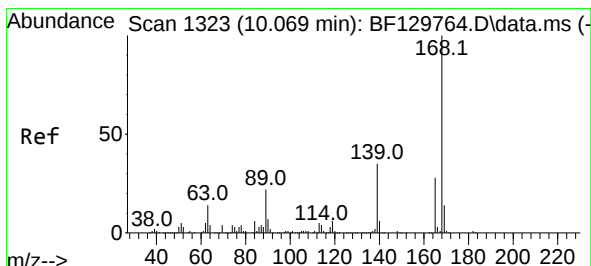
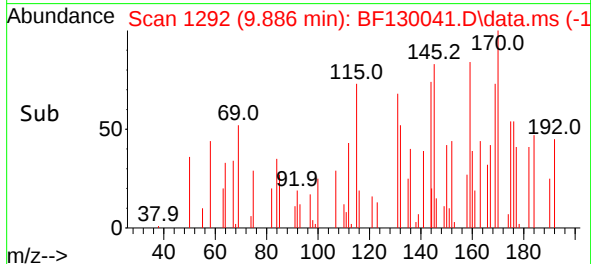
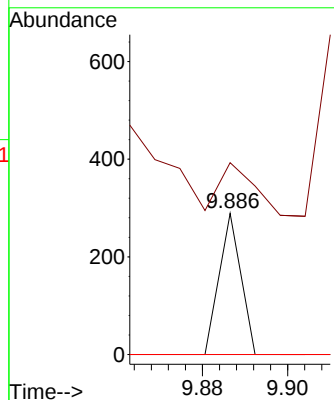
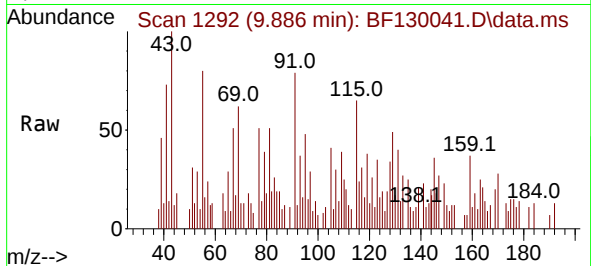




#54
2,4-Dinitrophenol
Concen: 5.530 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF130041.D
Acq: 29 Aug 2022 18:49

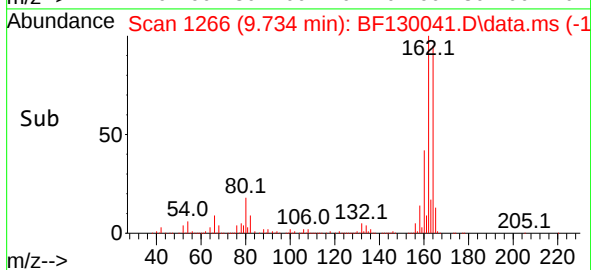
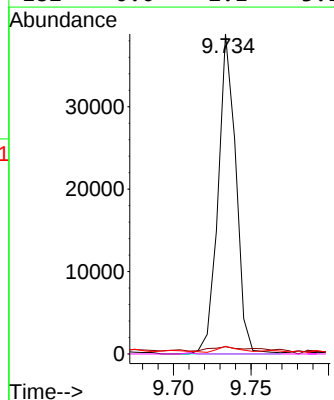
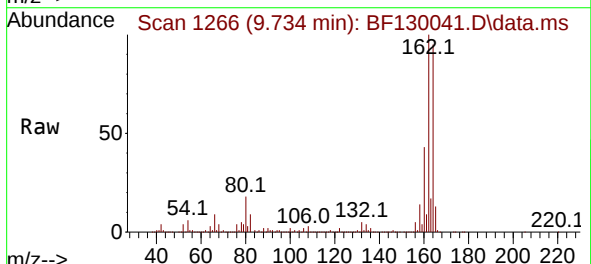
Instrument :
BNA_F
ClientSampleId :
MW-34

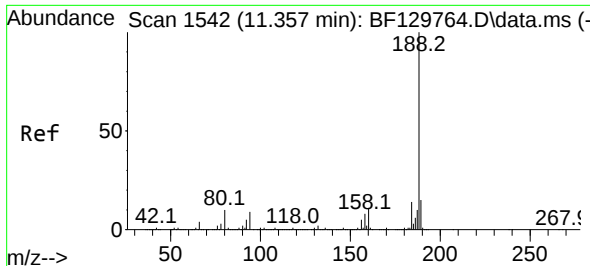
Tgt Ion:184 Resp: 102
Ion Ratio Lower Upper
184 100
63 136.0 59.6 89.4#
154 0.0 55.3 82.9#



#57
2,4-Dinitrotoluene
Concen: 6.563 ng
RT: 9.734 min Scan# 1266
Delta R.T. -0.217 min
Lab File: BF130041.D
Acq: 29 Aug 2022 18:49

Tgt Ion:165 Resp: 31067
Ion Ratio Lower Upper
165 100
63 2.2 48.4 72.6#
89 2.4 62.3 93.5#
182 0.0 2.1 3.1#

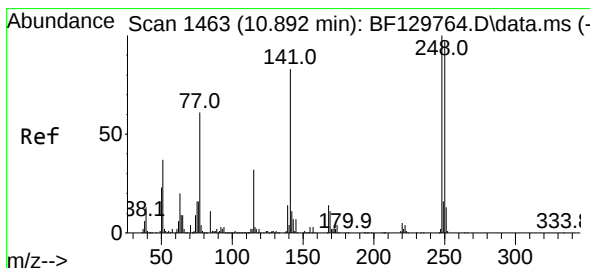
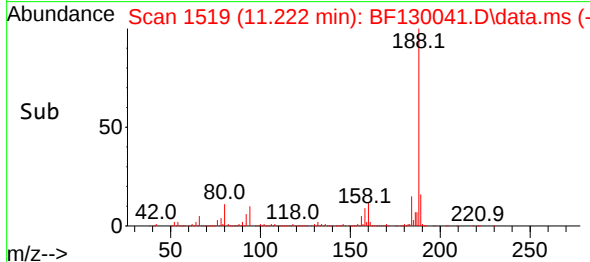
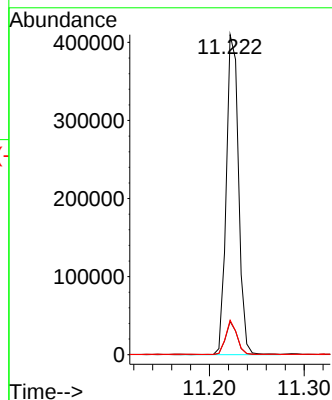
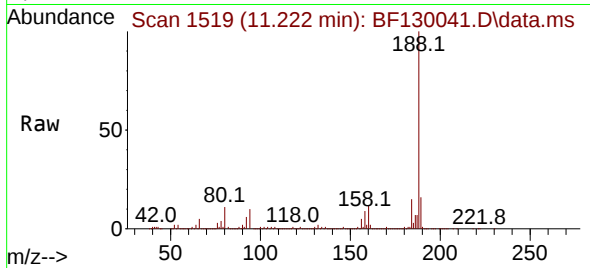




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130041.D
Acq: 29 Aug 2022 18:49

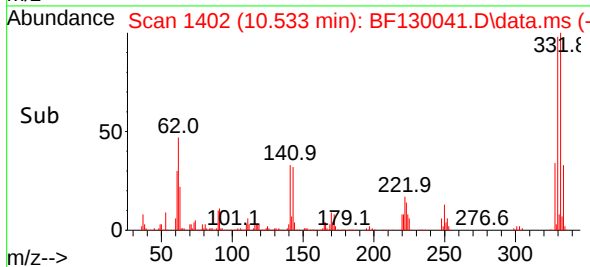
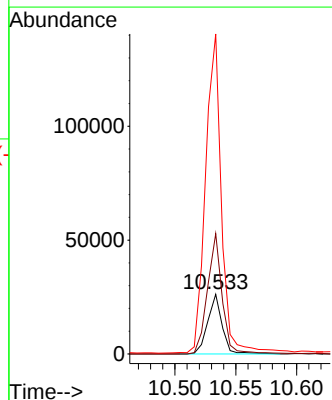
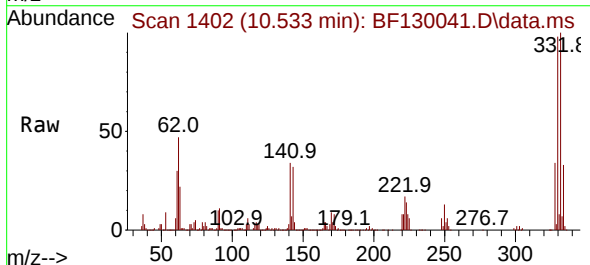
Instrument :
BNA_F
ClientSampleId :
MW-34

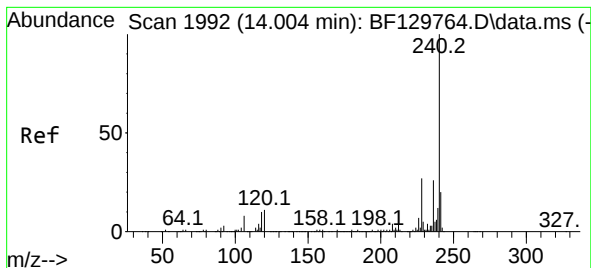
Tgt Ion:188 Resp: 370665
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 10.8 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.967 ng
RT: 10.533 min Scan# 1402
Delta R.T. -0.235 min
Lab File: BF130041.D
Acq: 29 Aug 2022 18:49

Tgt Ion:248 Resp: 21562
Ion Ratio Lower Upper
248 100
250 201.6 77.8 116.6#
141 536.1 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.869 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF130041.D

Acq: 29 Aug 2022 18:49

Instrument :

BNA_F

ClientSampleId :

MW-34

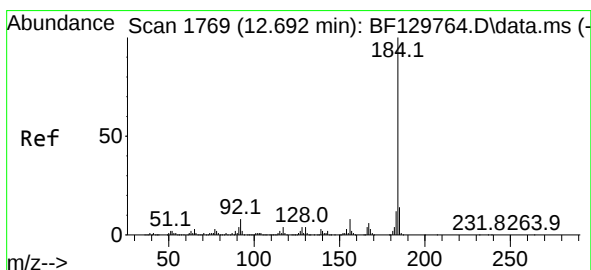
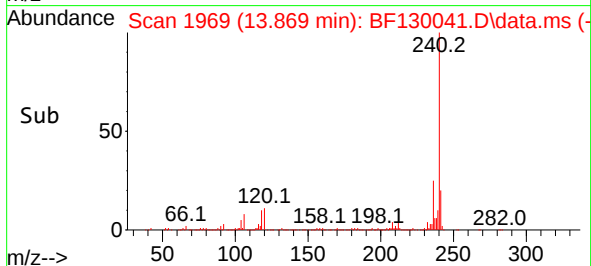
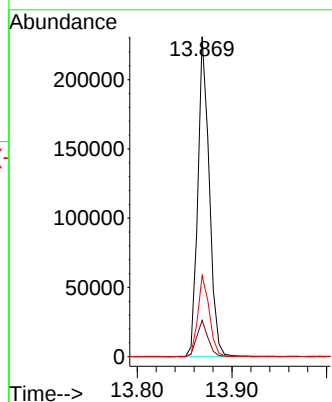
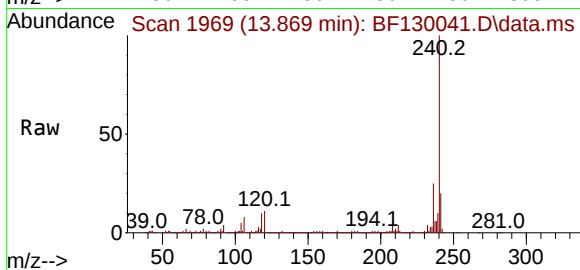
Tgt Ion:240 Resp: 193709

Ion Ratio Lower Upper

240 100

120 11.4 9.2 13.8

236 25.3 20.7 31.1



#77

Benzdine

Concen: Below Cal

RT: 12.804 min Scan# 1788

Delta R.T. 0.236 min

Lab File: BF130041.D

Acq: 29 Aug 2022 18:49

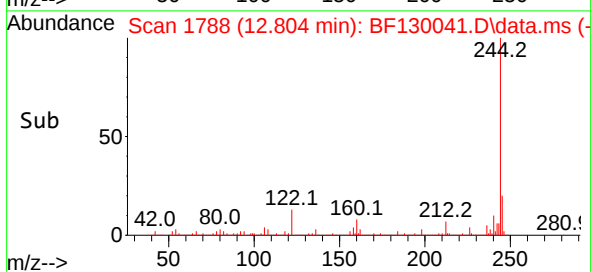
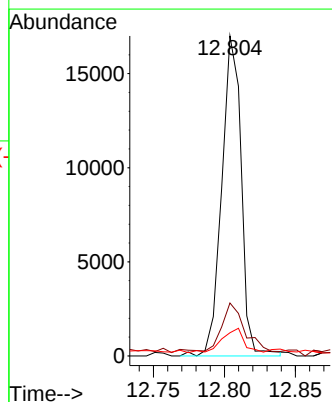
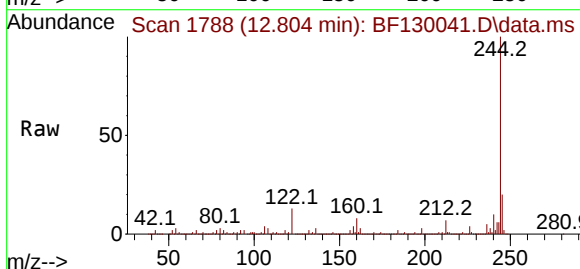
Tgt Ion:184 Resp: 16199

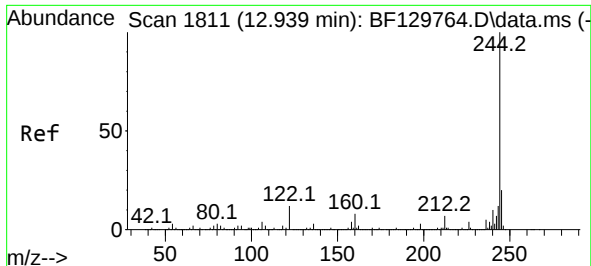
Ion Ratio Lower Upper

184 100

185 16.6 11.4 17.2

183 7.3 9.4 14.2#

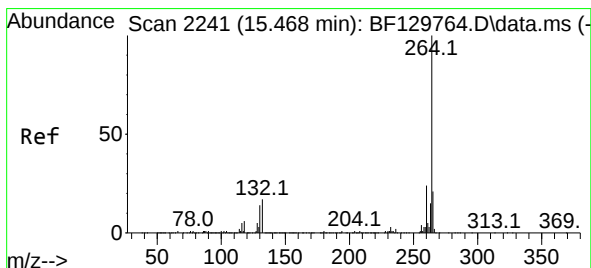
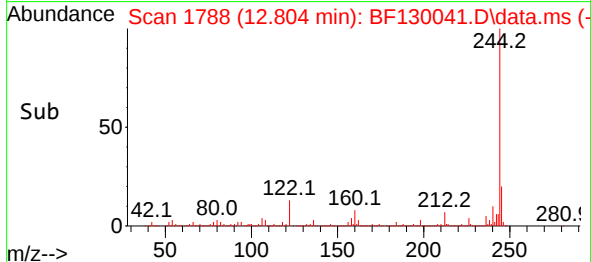
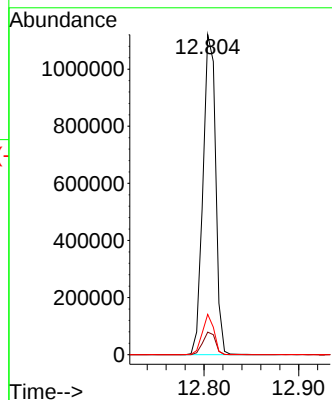
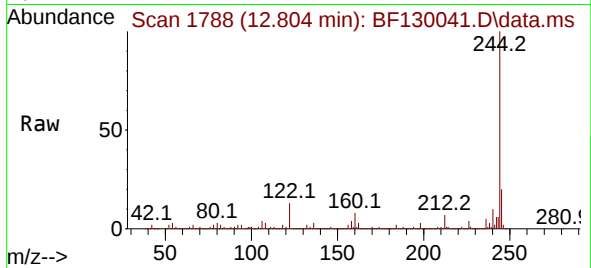




#79
 Terphenyl-d14
 Concen: 89.194 ng
 RT: 12.804 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130041.D
 Acq: 29 Aug 2022 18:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Tgt Ion:244 Resp: 1038366
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 12.6 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2212
 Delta R.T. -0.006 min
 Lab File: BF130041.D
 Acq: 29 Aug 2022 18:49

Tgt Ion:264 Resp: 236342
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 22.2 16.7 25.1

