

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
 Data File : BF130016.D
 Acq On : 26 Aug 2022 13:21
 Operator : CG\JU
 Sample : N4262-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-107(42.5FT)

Quant Time: Aug 27 06:06:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

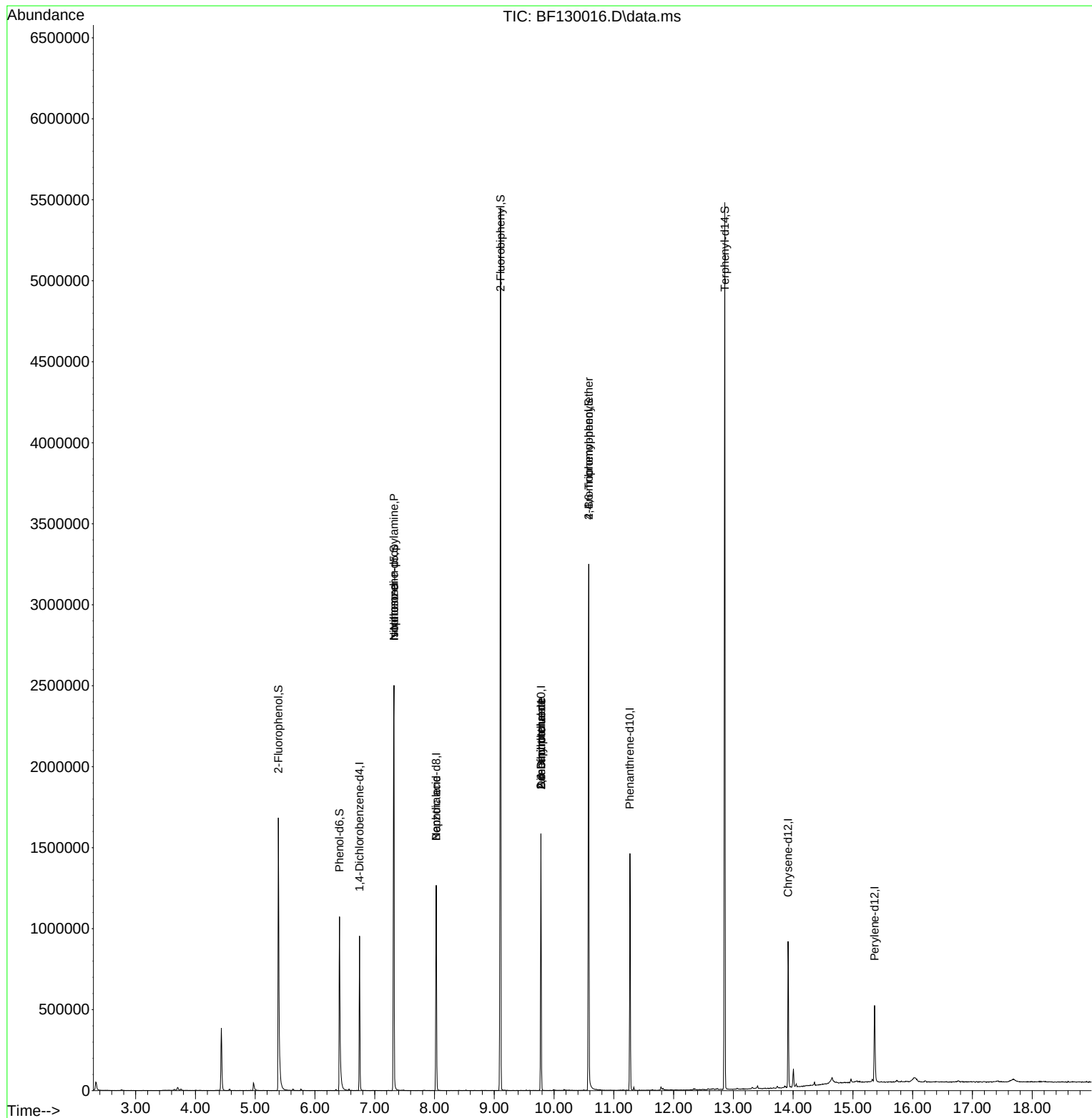
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	127032	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	528385	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	291406	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	493246	20.000	ng	-0.01
76) Chrysene-d12	13.916	240	293682	20.000	ng	-0.01
86) Perylene-d12	15.363	264	208570	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	531246	69.241	ng	0.00
7) Phenol-d6	6.410	99	416501	43.349	ng	-0.01
23) Nitrobenzene-d5	7.322	82	883245	89.483	ng	-0.01
42) 2,4,6-Tribromophenol	10.581	330	369440	126.317	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1608256	83.822	ng	-0.01
79) Terphenyl-d14	12.857	244	1744457	98.837	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.410	77	532	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.322	70	118754	19.554	ng	# 76
25) Isophorone	7.322	82	883235	51.990	ng	# 65
32) Benzoic acid	8.028	122	89	2.186	ng	# 1
50) Dimethylphthalate	9.781	163	52634	2.520	ng	# 1
51) 2,6-Dinitrotoluene	9.781	165	36995	8.164	ng	# 23
57) 2,4-Dinitrotoluene	9.781	165	36995	6.289	ng	# 18
67) 4-Bromophenyl-phenylether	10.581	248	23712	4.104	ng	# 1
77) Benzidine	12.857	184	25222	Below Cal	#	90

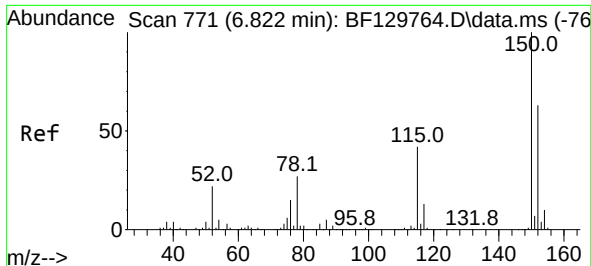
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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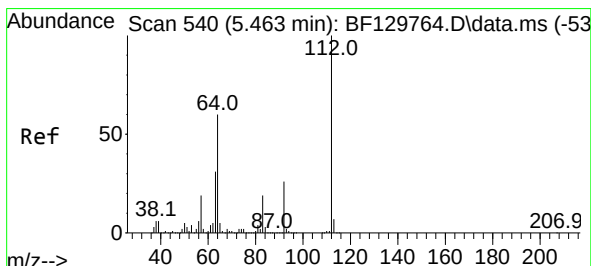
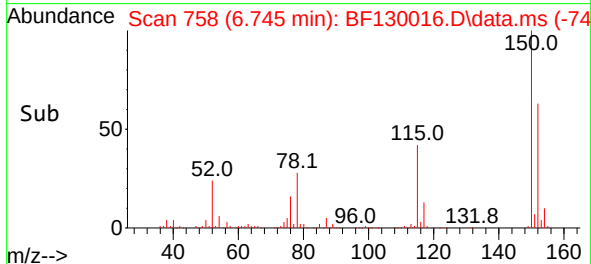
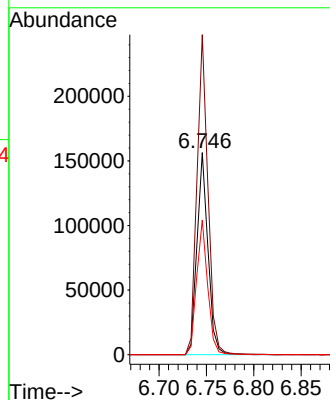
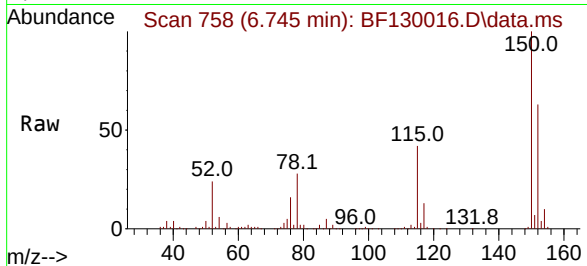




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

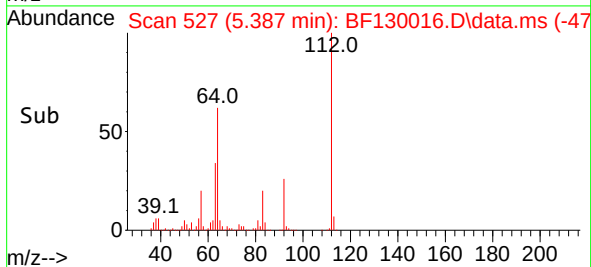
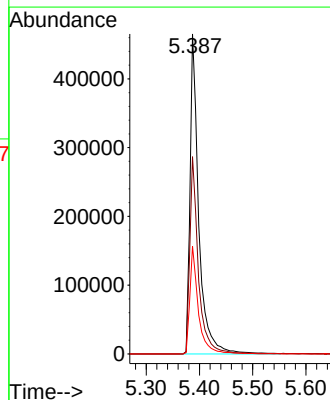
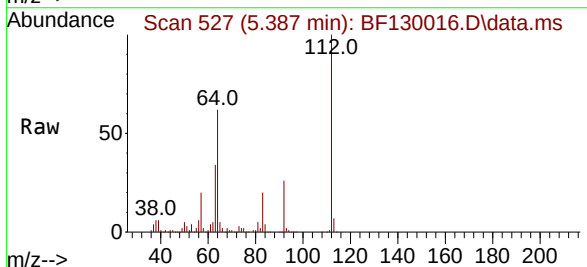
Instrument :
BNA_F
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MW-107(42.5FT)

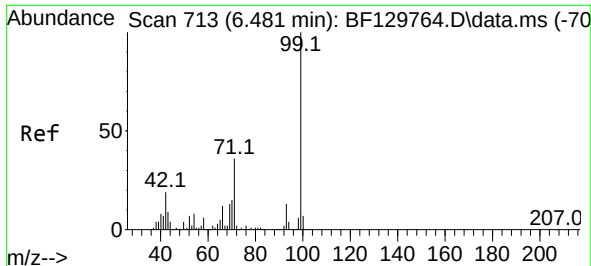
Tgt Ion:152 Resp: 127032
Ion Ratio Lower Upper
152 100
150 158.3 126.9 190.3
115 66.6 53.4 80.0



#5
2-Fluorophenol
Concen: 69.241 ng
RT: 5.387 min Scan# 527
Delta R.T. -0.006 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

Tgt Ion:112 Resp: 531246
Ion Ratio Lower Upper
112 100
64 61.7 47.6 71.4
63 33.7 24.6 37.0

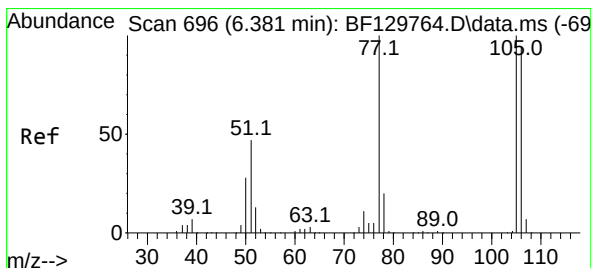
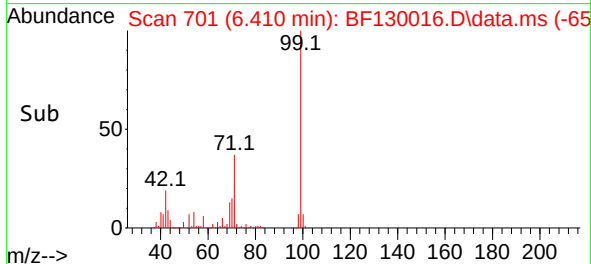
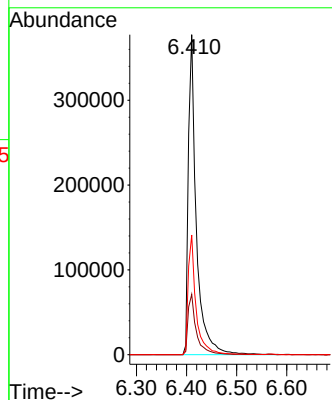
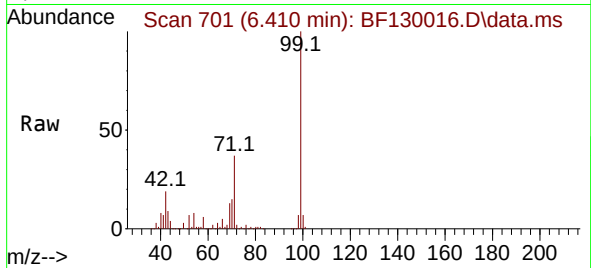




#7
Phenol-d6
Concen: 43.349 ng
RT: 6.410 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

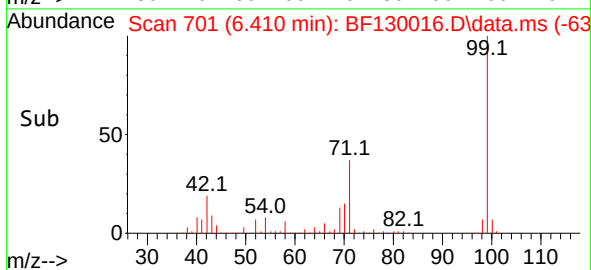
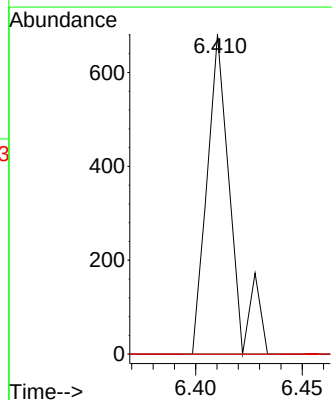
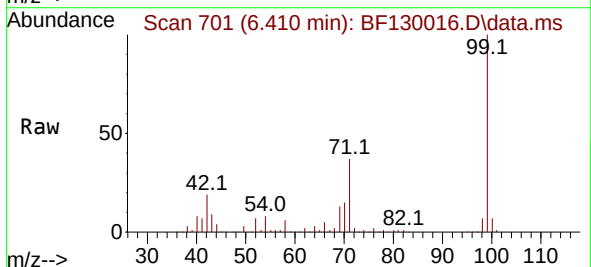
Instrument :
BNA_F
ClientSampleId :
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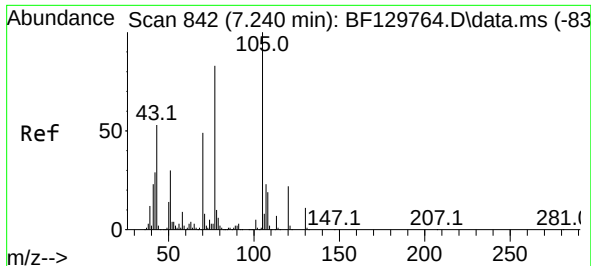
Tgt Ion: 99 Resp: 416501
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 37.4 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.410 min Scan# 701
Delta R.T. 0.094 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

Tgt Ion: 77 Resp: 532
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

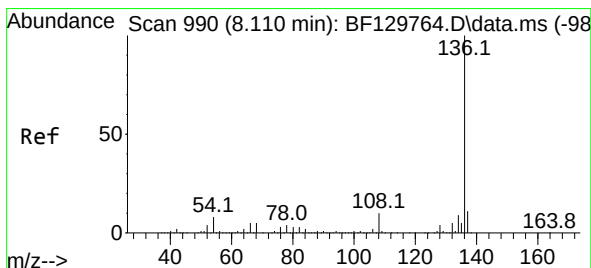
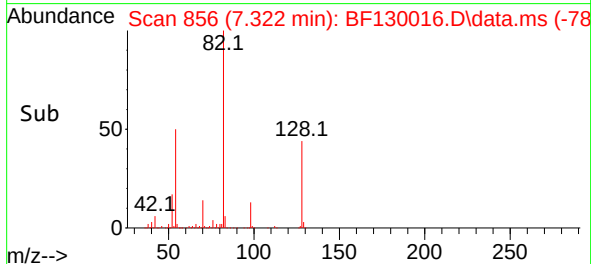
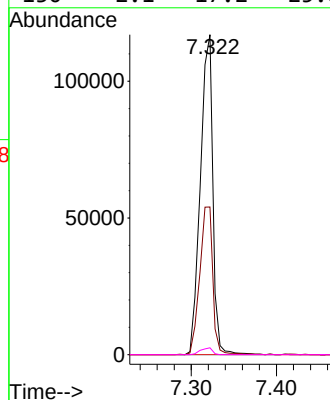
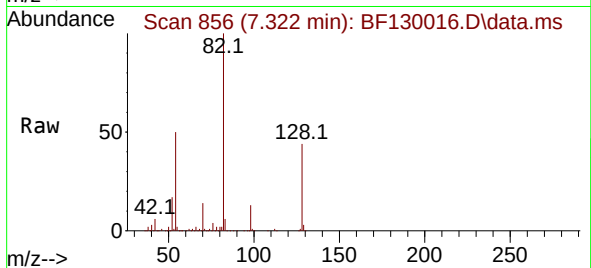




#19
n-Nitroso-di-n-propylamine
Concen: 19.554 ng
RT: 7.322 min Scan# 842
Delta R.T. 0.141 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

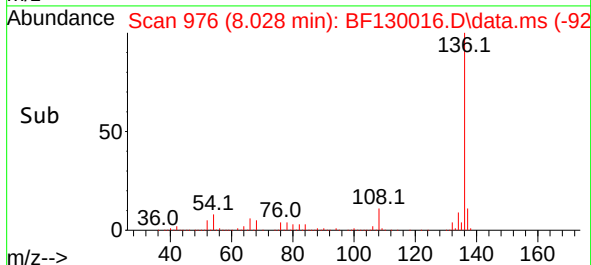
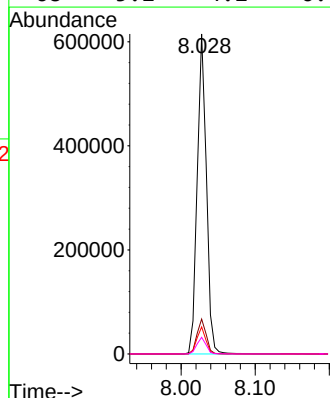
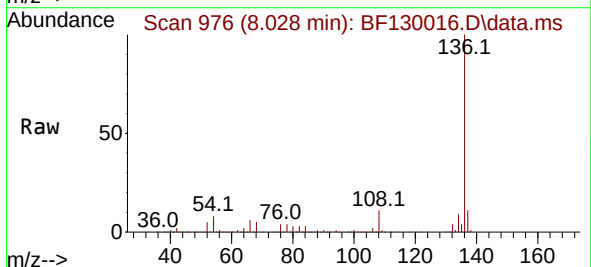
Instrument :
BNA_F
ClientSampleId :
MW-107(42.5FT)

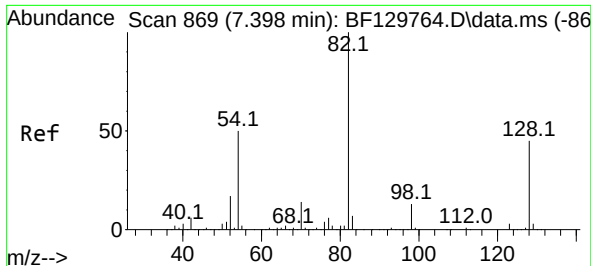
Tgt Ion: 70 Resp: 118754
Ion Ratio Lower Upper
70 100
42 46.2 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

Tgt Ion:136 Resp: 528385
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.5 6.2 9.2
68 5.2 4.2 6.4

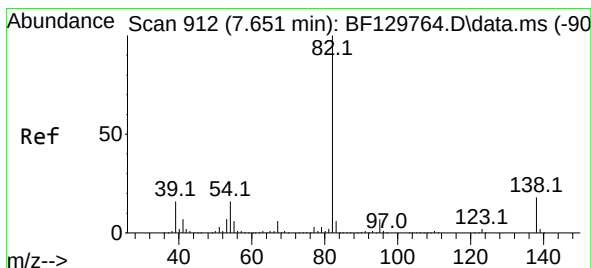
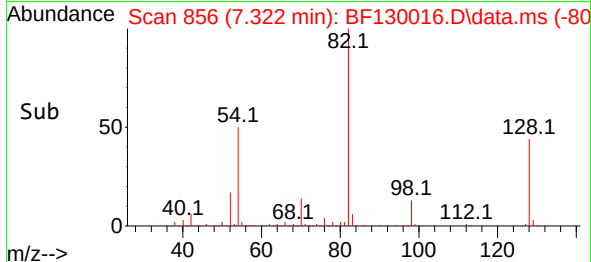
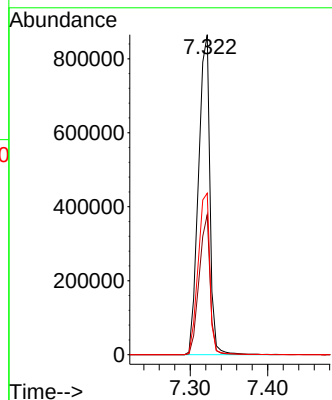
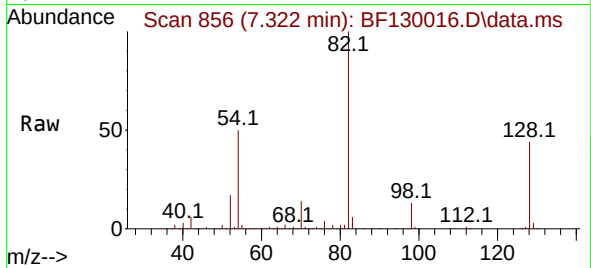




#23
Nitrobenzene-d5
Concen: 89.483 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.012 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

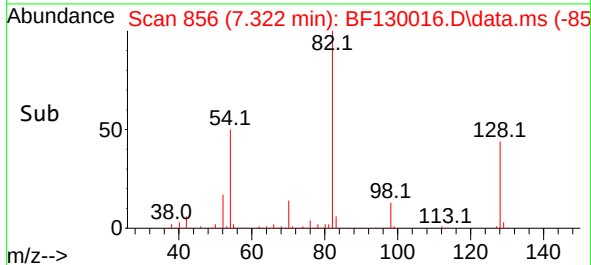
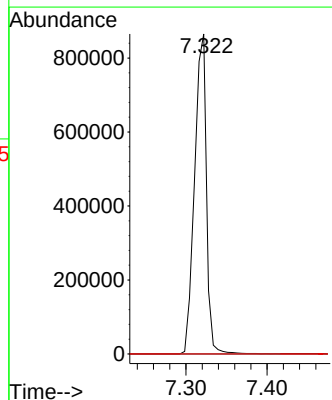
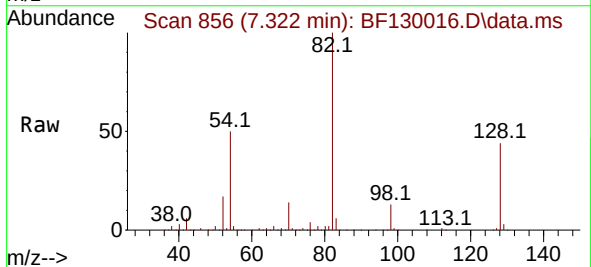
Instrument :
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ClientSampleId :
MW-107(42.5FT)

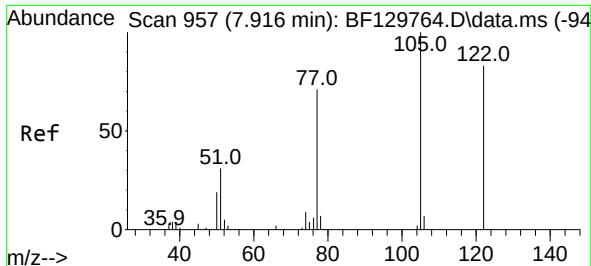
Tgt Ion: 82 Resp: 883245
Ion Ratio Lower Upper
82 100
128 43.7 36.1 54.1
54 50.4 40.0 60.0



#25
Isophorone
Concen: 51.990 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.265 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

Tgt Ion: 82 Resp: 883235
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

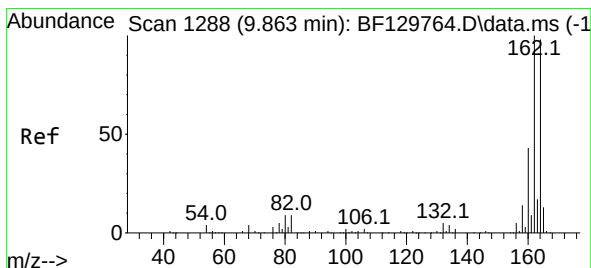
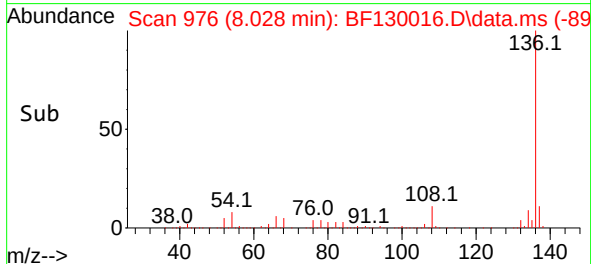
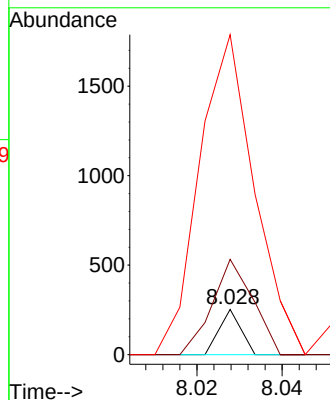
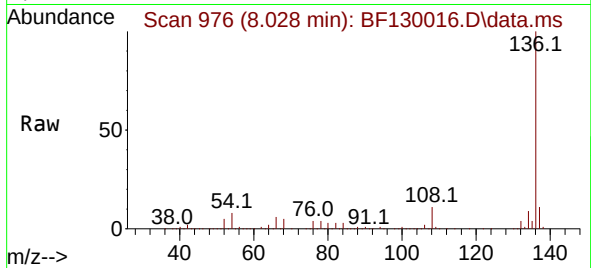




#32
Benzoic acid
Concen: 2.186 ng
RT: 8.028 min Scan# 91
Delta R.T. 0.165 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

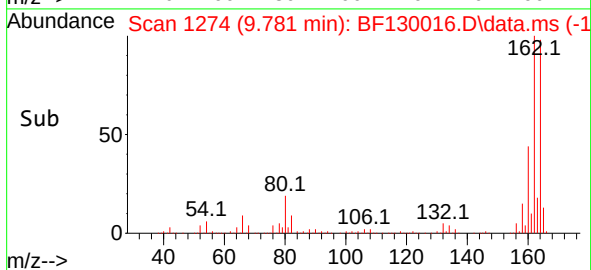
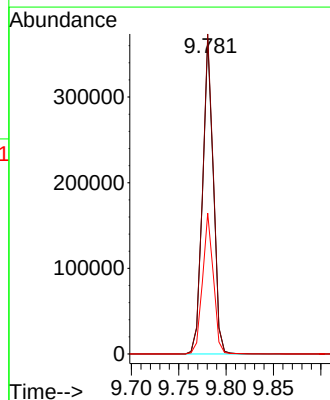
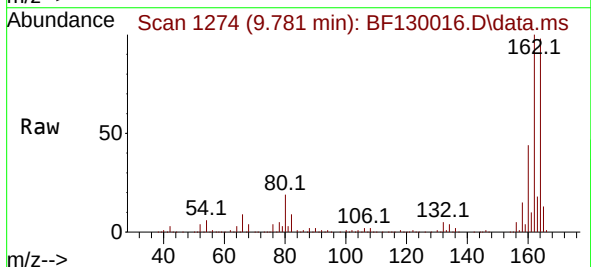
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ClientSampleId :
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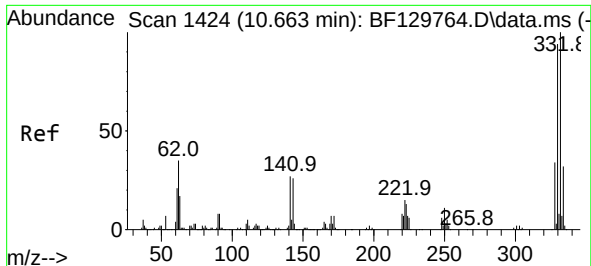
Tgt Ion:122 Resp: 89
Ion Ratio Lower Upper
122 100
105 210.7 99.9 139.9#
77 706.7 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

Tgt Ion:164 Resp: 291406
Ion Ratio Lower Upper
164 100
162 101.5 82.0 123.0
160 44.7 35.4 53.0

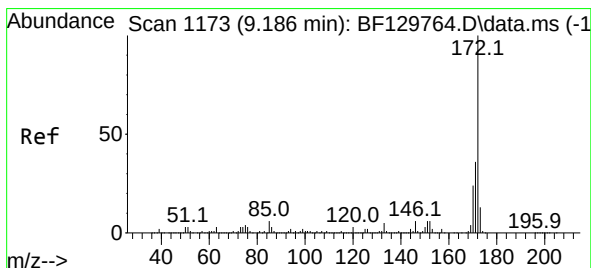
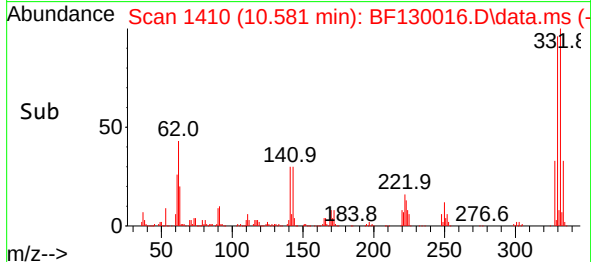
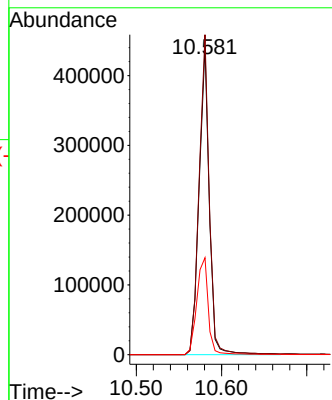
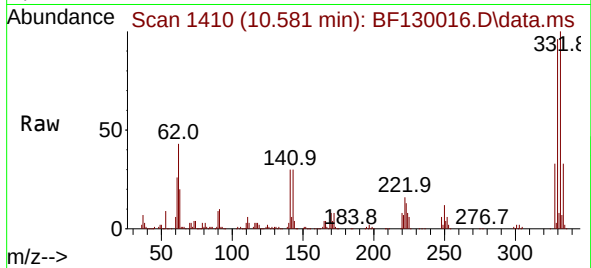




#42
2,4,6-Tribromophenol
Concen: 126.317 ng
RT: 10.581 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

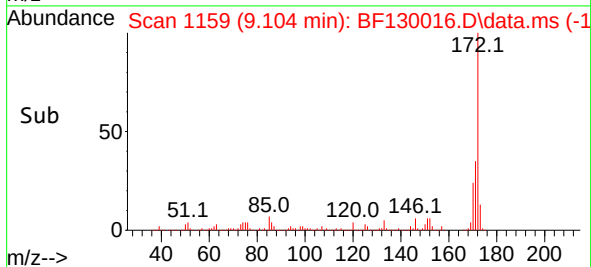
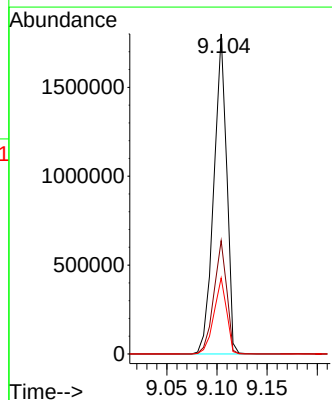
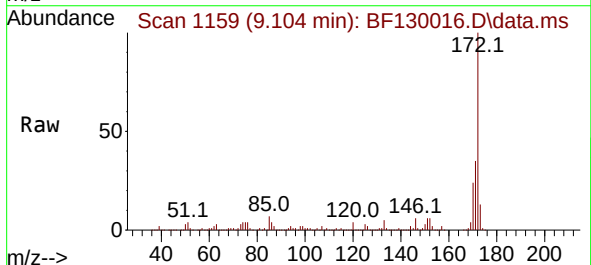
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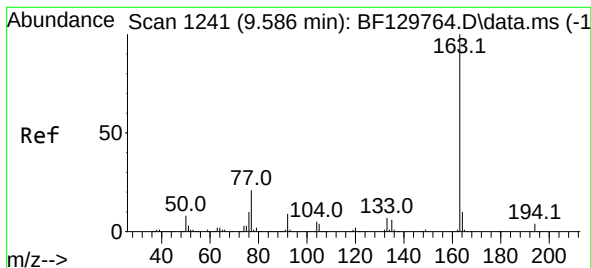
Tgt Ion:330 Resp: 369440
Ion Ratio Lower Upper
330 100
332 104.5 82.6 124.0
141 35.7 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 83.822 ng
RT: 9.104 min Scan# 1159
Delta R.T. -0.012 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

Tgt Ion:172 Resp: 1608256
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.8 19.1 28.7





#50

Dimethylphthalate

Concen: 2.520 ng

RT: 9.781 min Scan# 1

Delta R.T. 0.259 min

Lab File: BF130016.D

Acq: 26 Aug 2022 13:21

Instrument :

BNA_F

ClientSampleId :

MW-107(42.5FT)

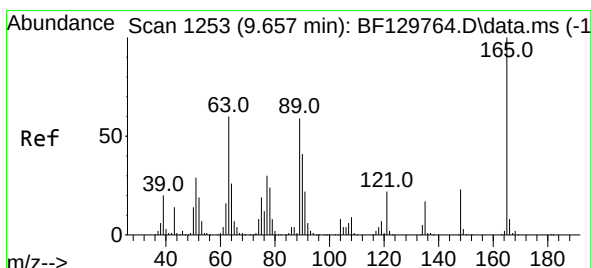
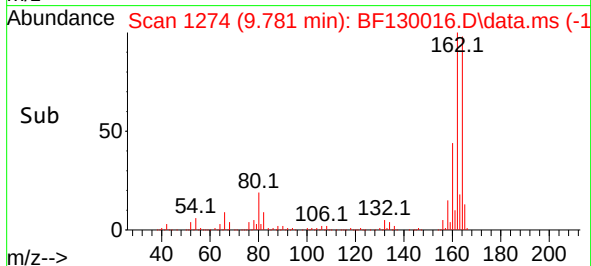
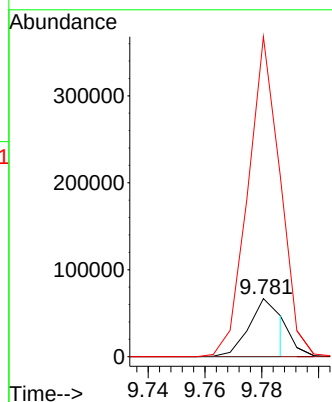
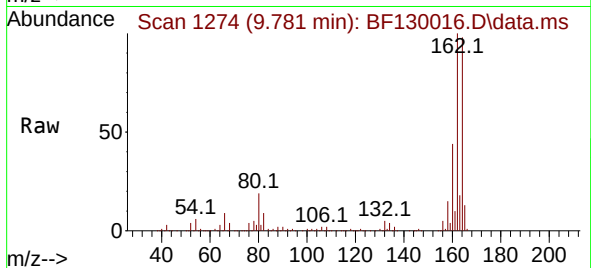
Tgt Ion:163 Resp: 52634

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 551.0 8.2 12.2#



#51

2,6-Dinitrotoluene

Concen: 8.164 ng

RT: 9.781 min Scan# 1274

Delta R.T. 0.188 min

Lab File: BF130016.D

Acq: 26 Aug 2022 13:21

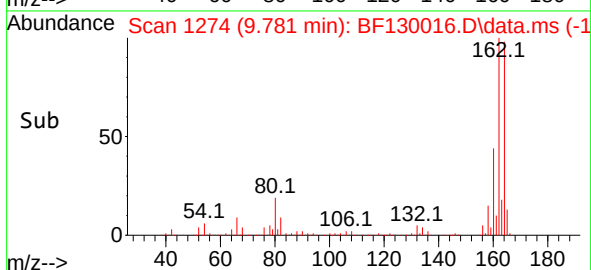
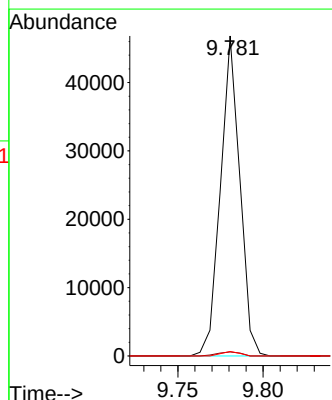
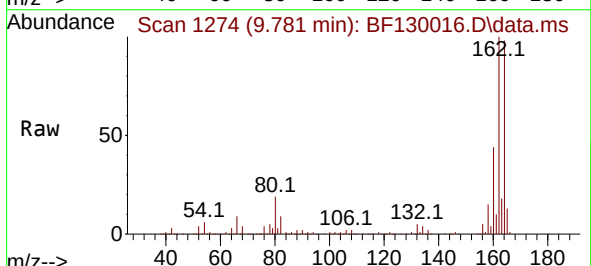
Tgt Ion:165 Resp: 36995

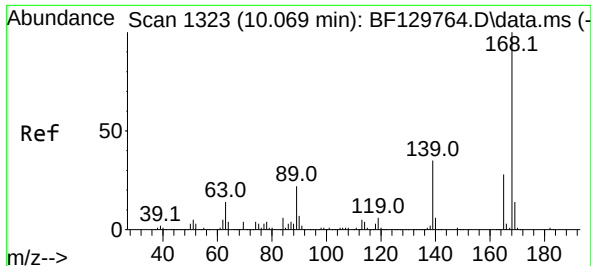
Ion Ratio Lower Upper

165 100

63 1.3 47.8 71.8#

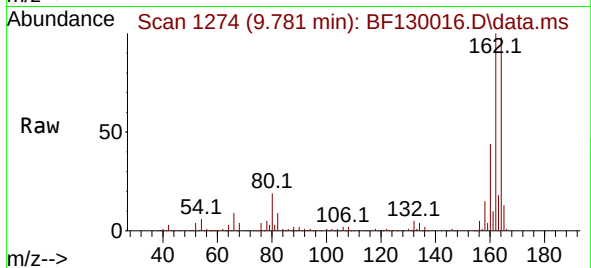
89 1.4 47.2 70.8#



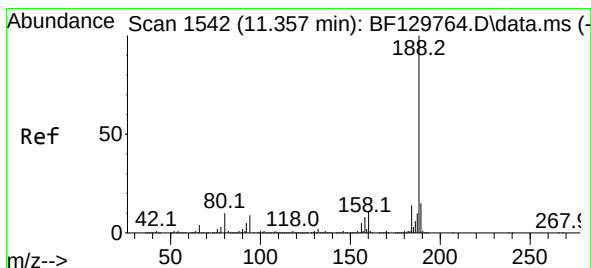
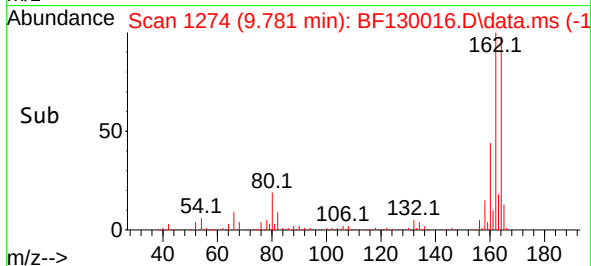
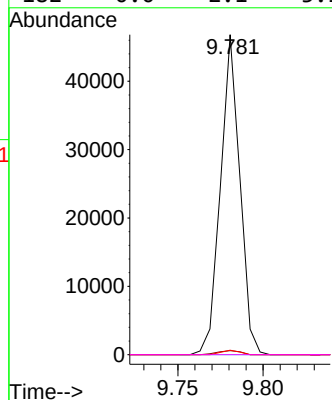


#57
2,4-Dinitrotoluene
Concen: 6.289 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.223 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

Instrument :
BNA_F
ClientSampleId :
MW-107(42.5FT)

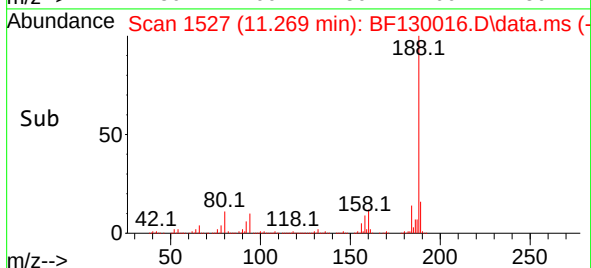
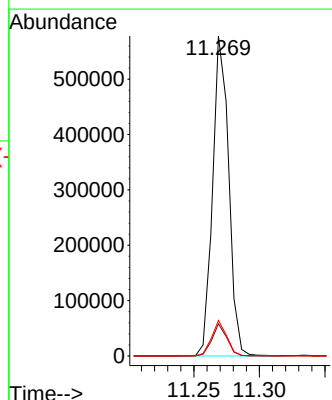
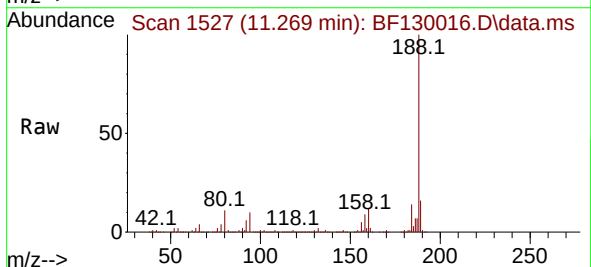


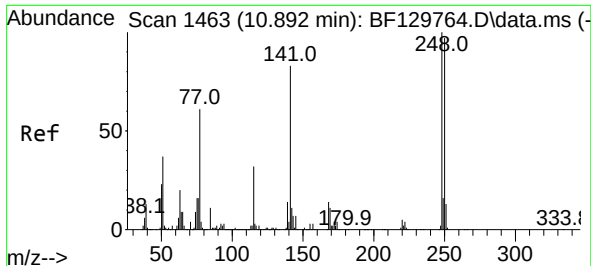
Tgt Ion:165 Resp: 36995
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.4 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1527
Delta R.T. -0.012 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

Tgt Ion:188 Resp: 493246
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 11.1 7.9 11.9

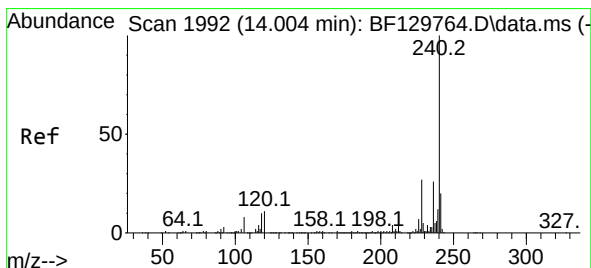
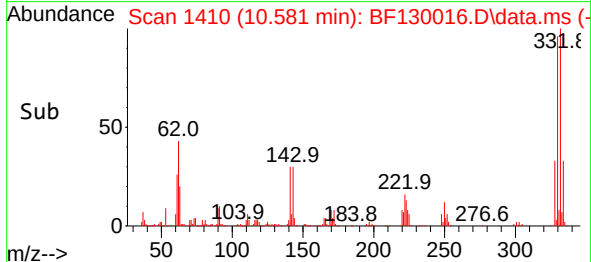
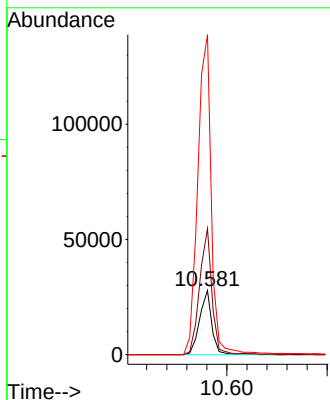
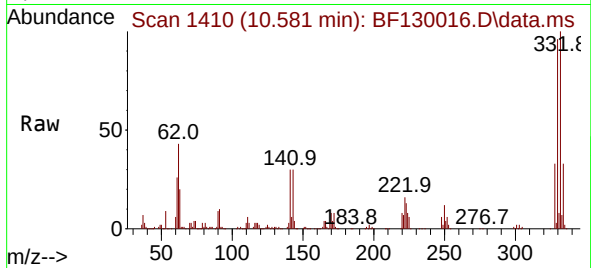




#67
4-Bromophenyl-phenylether
Concen: 4.104 ng
RT: 10.581 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

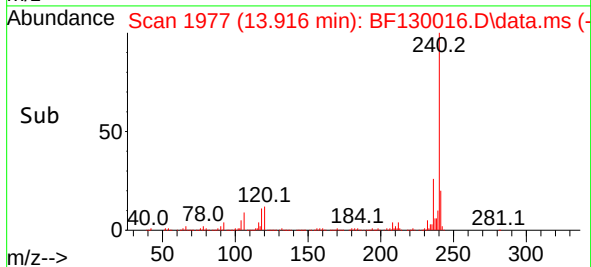
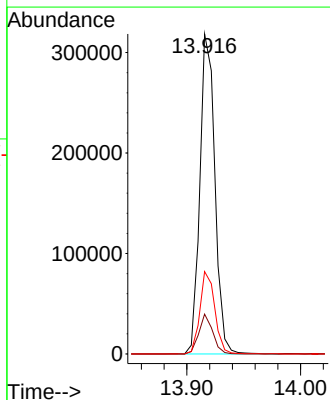
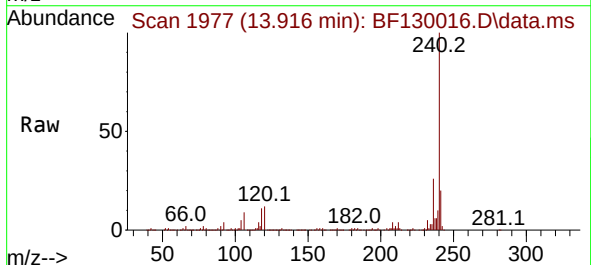
Instrument :
BNA_F
ClientSampleId :
MW-107(42.5FT)

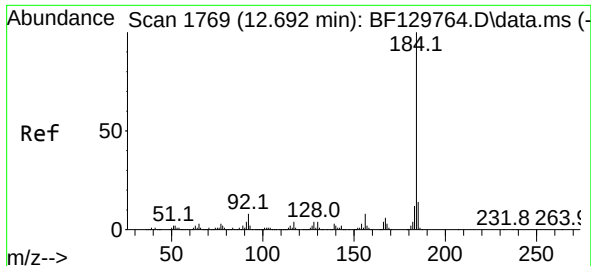
Tgt Ion:248 Resp: 23712
Ion Ratio Lower Upper
248 100
250 196.3 77.8 116.6#
141 498.3 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

Tgt Ion:240 Resp: 293682
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 25.8 20.7 31.1

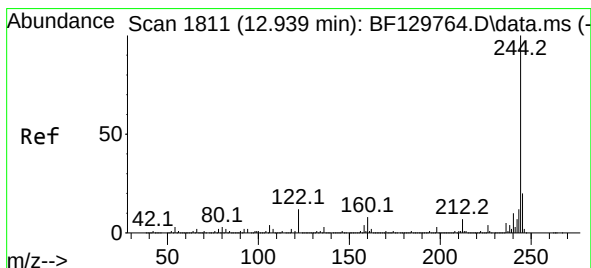
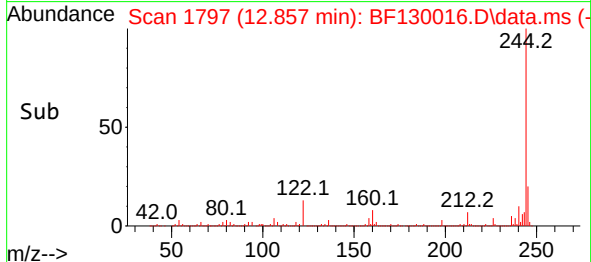
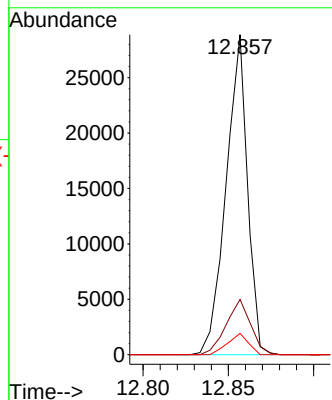
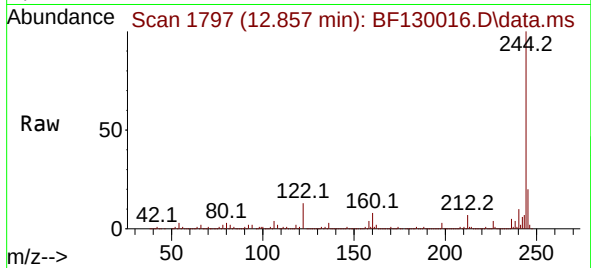




#77
Benzidine
Concen: Below Cal
RT: 12.857 min Scan# 1797
Delta R.T. 0.235 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

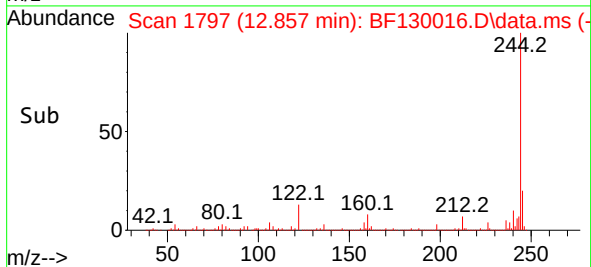
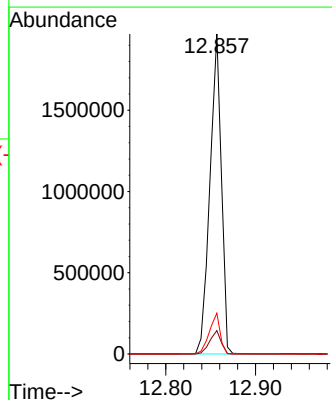
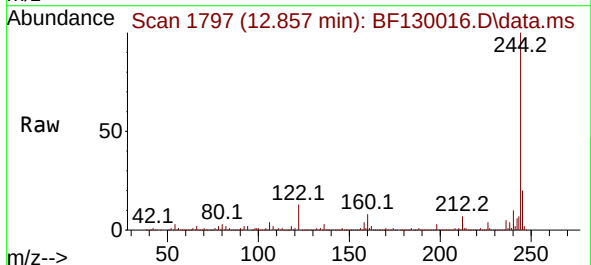
Instrument :
BNA_F
ClientSampleId :
MW-107(42.5FT)

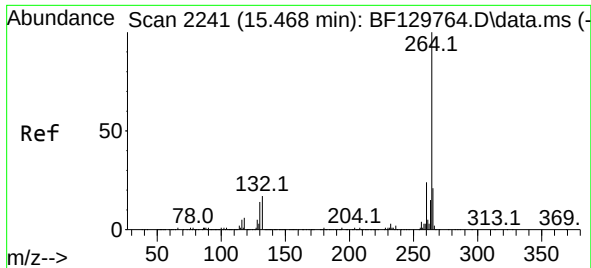
Tgt Ion:184 Resp: 25222
Ion Ratio Lower Upper
184 100
185 17.2 11.4 17.2#
183 6.7 9.4 14.2#



#79
Terphenyl-d14
Concen: 98.837 ng
RT: 12.857 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

Tgt Ion:244 Resp: 1744457
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 12.7 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130016.D
Acq: 26 Aug 2022 13:21

Instrument :
BNA_F
ClientSampleId :
MW-107(42.5FT)

Tgt Ion:264 Resp: 208570

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.7	16.7	25.1

