

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090922\
 Data File : BF130196.D
 Acq On : 09 Sep 2022 15:46
 Operator : CG\JU
 Sample : N4537-02DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW2DL

Quant Time: Sep 09 23:47:11 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)

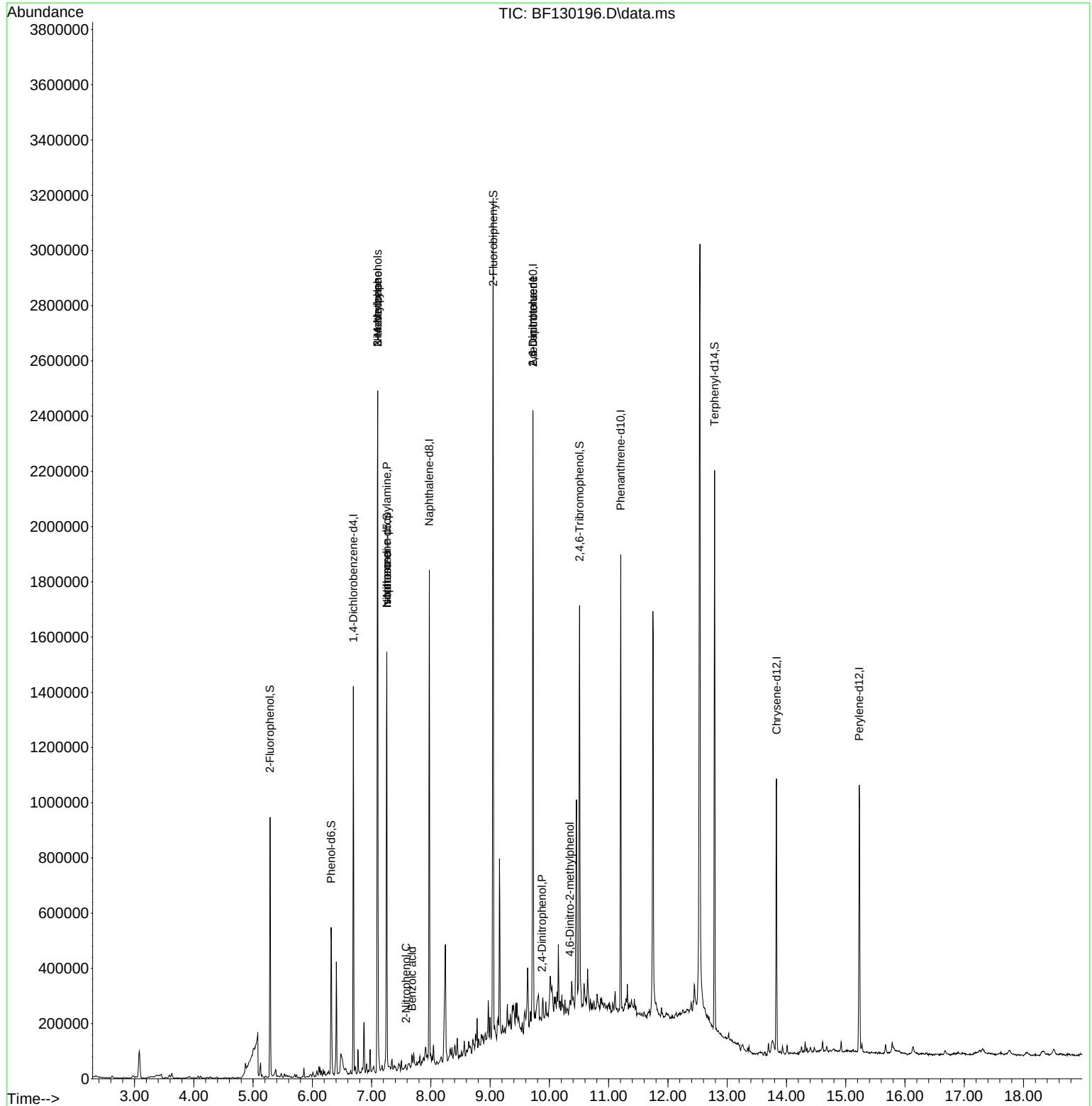
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	187741	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	714652	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	359037	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	529197	20.000	ng	0.00
76) Chrysene-d12	13.833	240	342415	20.000	ng	-0.01
86) Perylene-d12	15.227	264	396896	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	257503	23.285	ng	-0.01
7) Phenol-d6	6.316	99	185946	13.487	ng	-0.02
23) Nitrobenzene-d5	7.257	82	454279	40.852	ng	-0.01
42) 2,4,6-Tribromophenol	10.510	330	171788	52.563	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	859881	39.707	ng	0.00
79) Terphenyl-d14	12.786	244	618744	31.336	ng	-0.01
Target Compounds						Qvalue
17) 2-Methylphenol	7.104	107	673846	65.985	ng	# 61
19) n-Nitroso-di-n-propyla...	7.257	70	59003	7.104	ng	# 75
20) 3+4-Methylphenols	7.104	107	673846	56.268	ng	86
24) Nitrobenzene	7.104	77	199686	16.885	ng	# 41
25) Isophorone	7.257	82	451659	20.067	ng	# 65
26) 2-Nitrophenol	7.581	139	136	3.523	ng	# 1
32) Benzoic acid	7.681	122	8796	7.557	ng	90
51) 2,6-Dinitrotoluene	9.722	165	47434	9.949	ng	# 41
54) 2,4-Dinitrophenol	9.875	184	505	8.302	ng	# 1
57) 2,4-Dinitrotoluene	9.722	165	47434	8.641	ng	# 34
65) 4,6-Dinitro-2-methylph...	10.345	198	446	6.237	ng	# 1

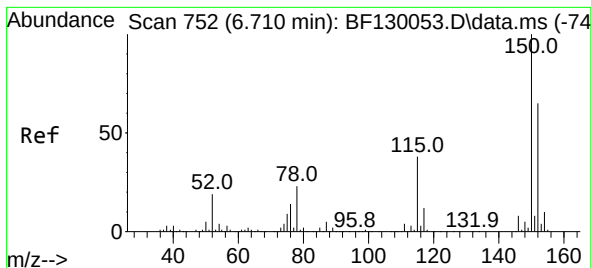
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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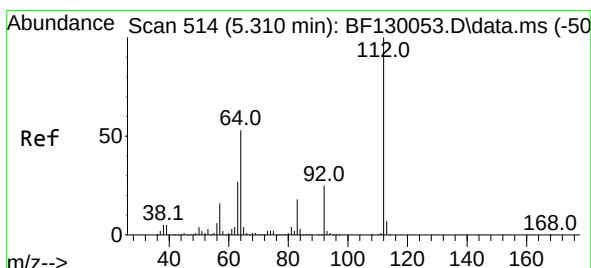
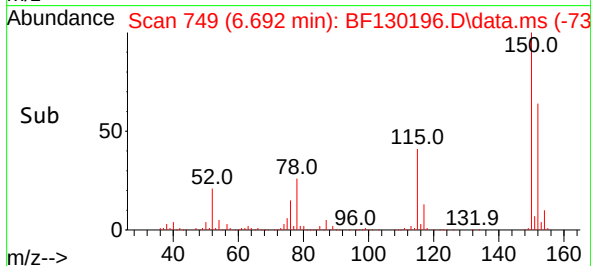
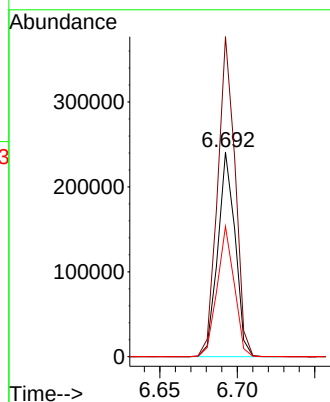
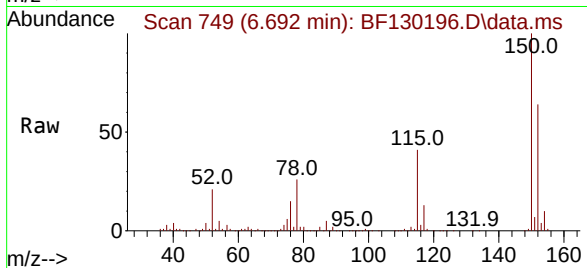




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130196.D
 Acq: 09 Sep 2022 15:46

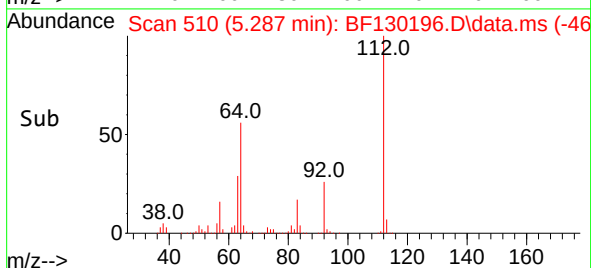
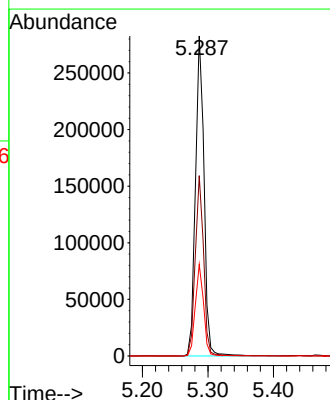
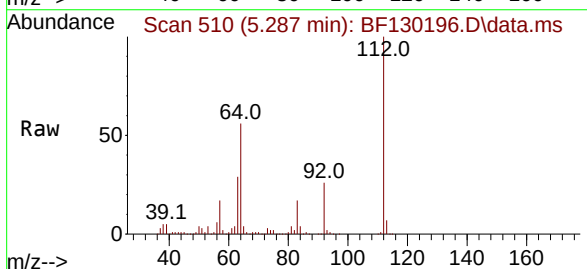
Instrument :
 BNA_F
 ClientSampleId :
 MW2DL

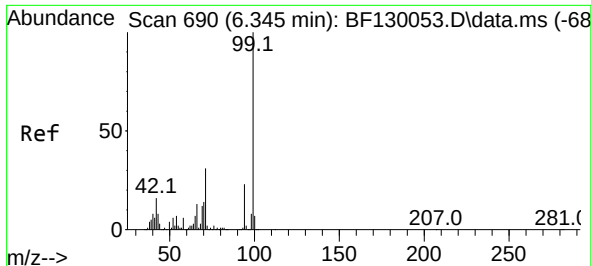
Tgt Ion:152 Resp: 187741
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.9 190.3
 115 63.6 53.4 80.0



#5
 2-Fluorophenol
 Concen: 23.285 ng
 RT: 5.287 min Scan# 510
 Delta R.T. -0.012 min
 Lab File: BF130196.D
 Acq: 09 Sep 2022 15:46

Tgt Ion:112 Resp: 257503
 Ion Ratio Lower Upper
 112 100
 64 56.4 47.6 71.4
 63 28.6 24.6 37.0

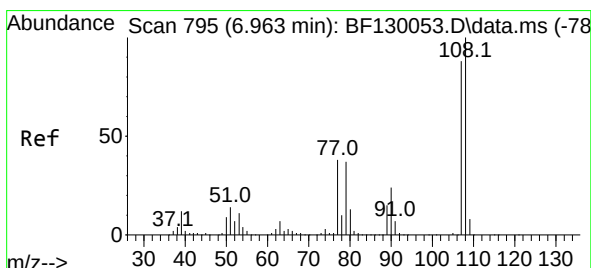
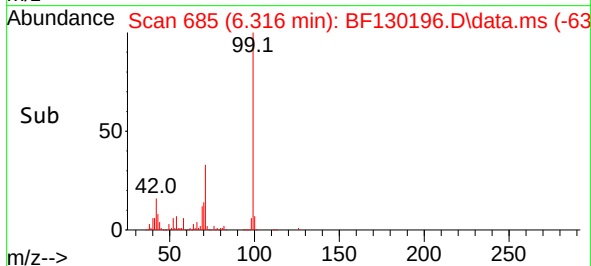
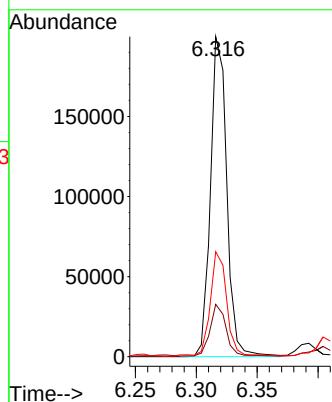
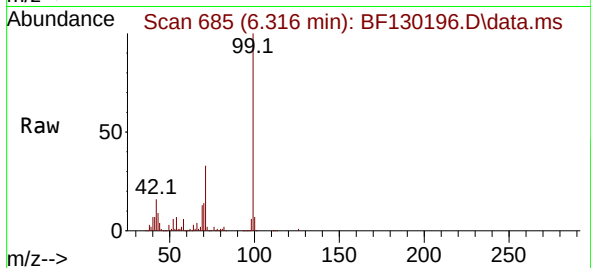




#7
Phenol-d6
Concen: 13.487 ng
RT: 6.316 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF130196.D
Acq: 09 Sep 2022 15:46

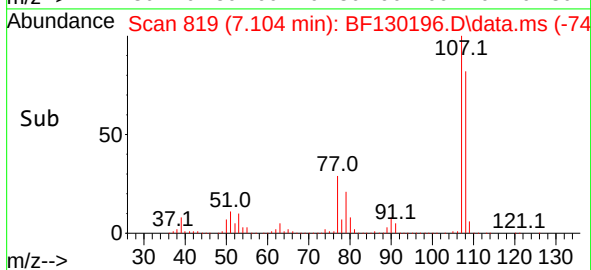
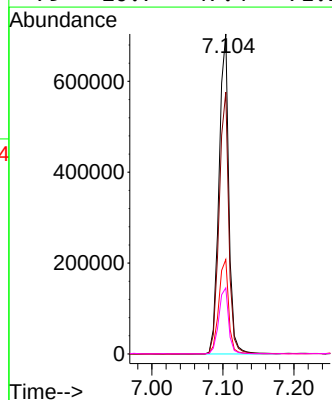
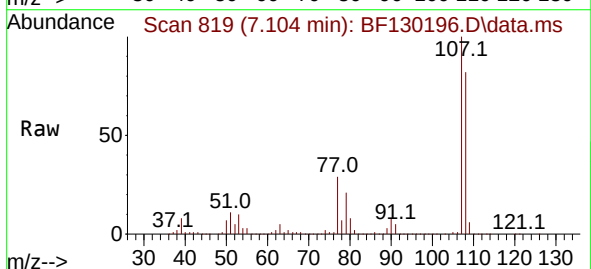
Instrument :
BNA_F
ClientSampleId :
MW2DL

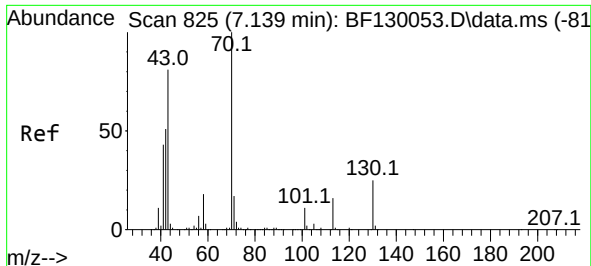
Tgt Ion: 99 Resp: 185946
Ion Ratio Lower Upper
99 100
42 16.4 15.0 22.4
71 32.8 28.8 43.2



#17
2-Methylphenol
Concen: 65.985 ng
RT: 7.104 min Scan# 819
Delta R.T. 0.147 min
Lab File: BF130196.D
Acq: 09 Sep 2022 15:46

Tgt Ion:107 Resp: 673846
Ion Ratio Lower Upper
107 100
108 81.9 90.2 135.2#
77 29.5 51.8 77.8#
79 20.7 47.4 71.2#

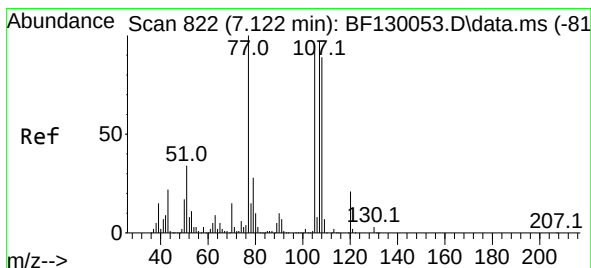
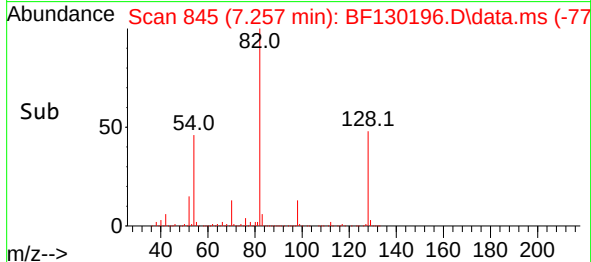
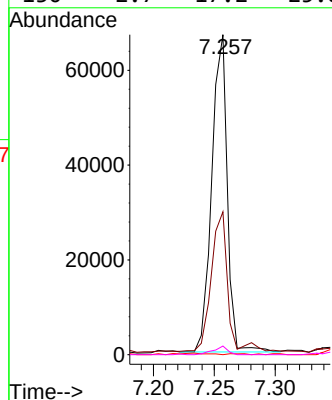
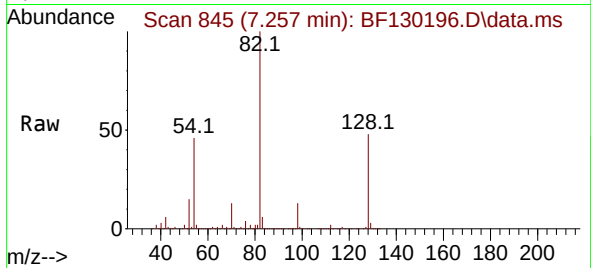




#19
n-Nitroso-di-n-propylamine
Concen: 7.104 ng
RT: 7.257 min Scan# 84
Delta R.T. 0.129 min
Lab File: BF130196.D
Acq: 09 Sep 2022 15:46

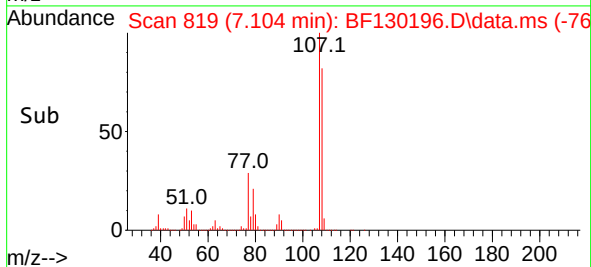
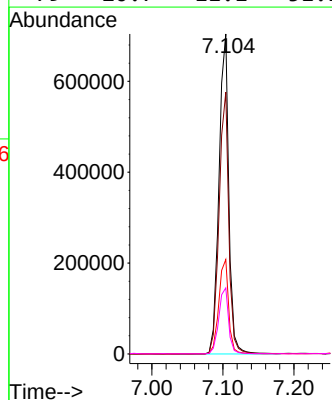
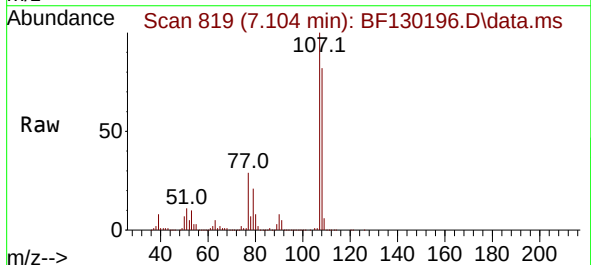
Instrument :
BNA_F
ClientSampleId :
MW2DL

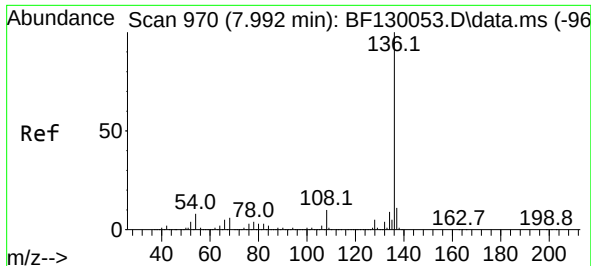
Tgt Ion:	70	Resp:	59003
Ion	Ratio	Lower	Upper
70	100		
42	44.6	47.6	71.4#
101	0.0	8.1	12.1#
130	2.7	17.2	25.8#



#20
3+4-Methylphenols
Concen: 56.268 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF130196.D
Acq: 09 Sep 2022 15:46

Tgt Ion:	107	Resp:	673846
Ion	Ratio	Lower	Upper
107	100		
108	81.9	71.3	111.3
77	29.5	20.4	60.4
79	20.7	11.1	51.1

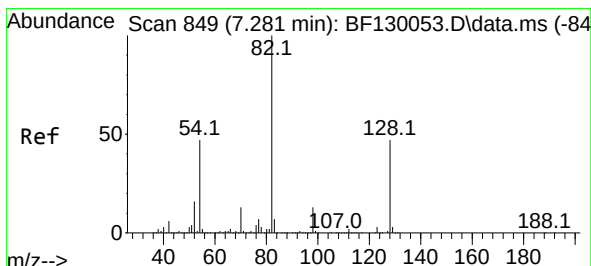
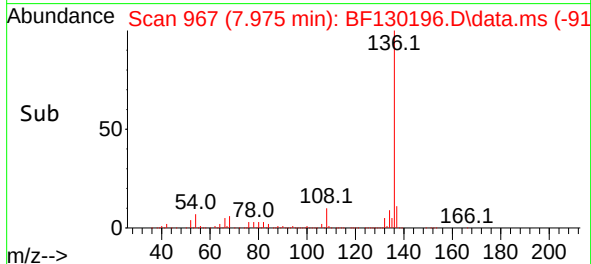
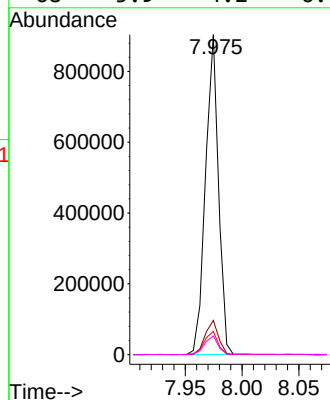
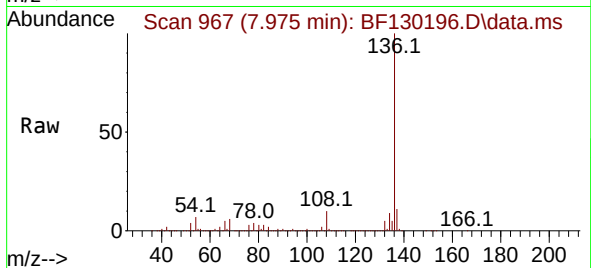




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130196.D
Acq: 09 Sep 2022 15:46

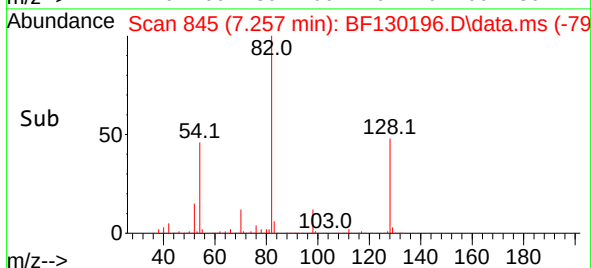
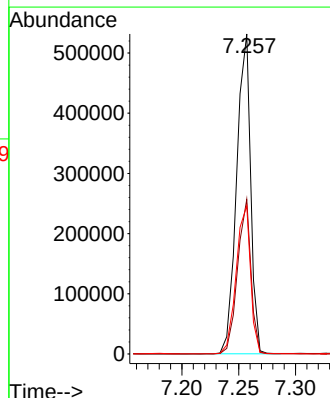
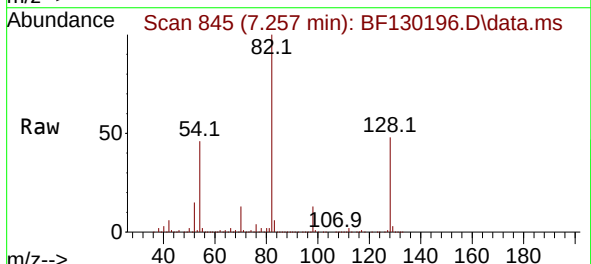
Instrument :
BNA_F
ClientSampleId :
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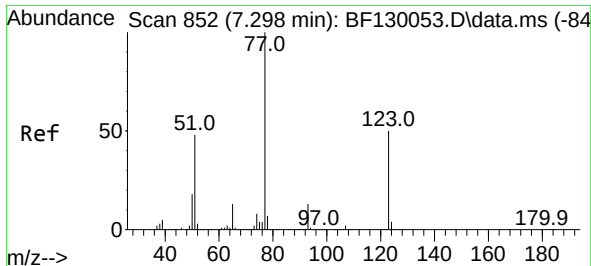
Tgt Ion:136 Resp: 714652
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.2 6.2 9.2
68 5.9 4.2 6.4



#23
Nitrobenzene-d5
Concen: 40.852 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF130196.D
Acq: 09 Sep 2022 15:46

Tgt Ion: 82 Resp: 454279
Ion Ratio Lower Upper
82 100
128 48.3 36.1 54.1
54 46.3 40.0 60.0

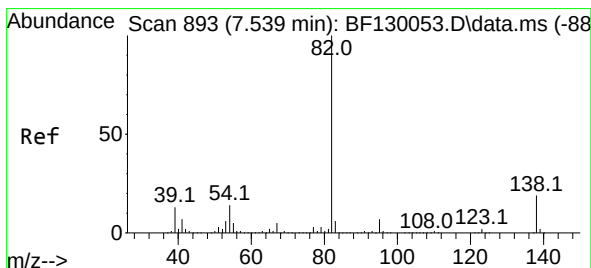
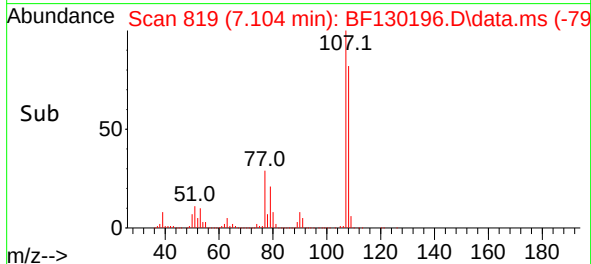
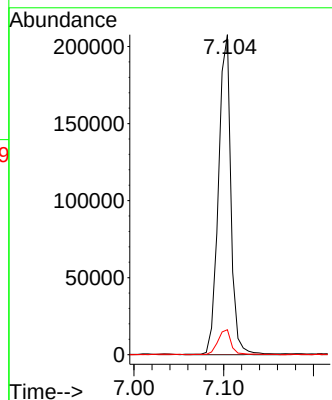
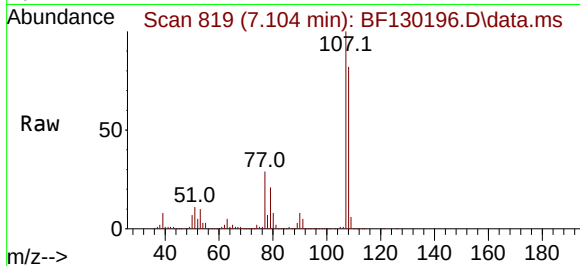




#24
Nitrobenzene
Concen: 16.885 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.183 min
Lab File: BF130196.D
Acq: 09 Sep 2022 15:46

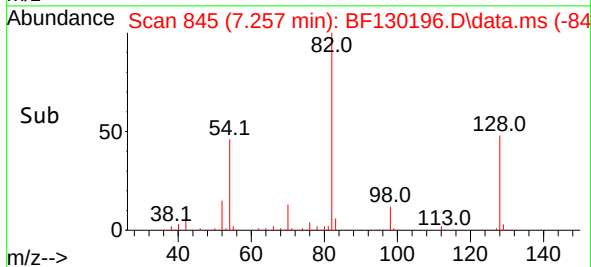
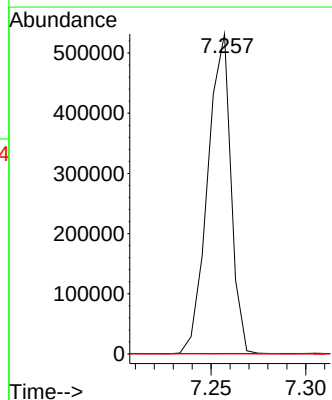
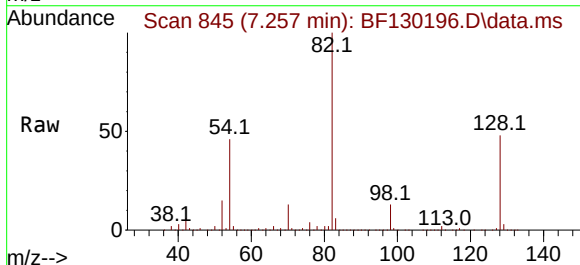
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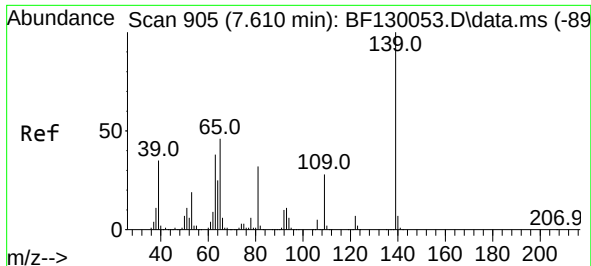
Tgt Ion: 77 Resp: 199686
Ion Ratio Lower Upper
77 100
123 0.0 39.2 58.8#
65 7.8 11.1 16.7#



#25
Isophorone
Concen: 20.067 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.271 min
Lab File: BF130196.D
Acq: 09 Sep 2022 15:46

Tgt Ion: 82 Resp: 451659
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 14.6 21.8#

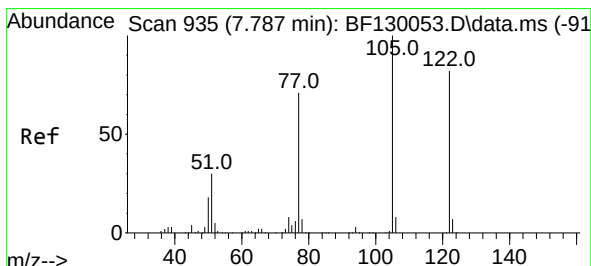
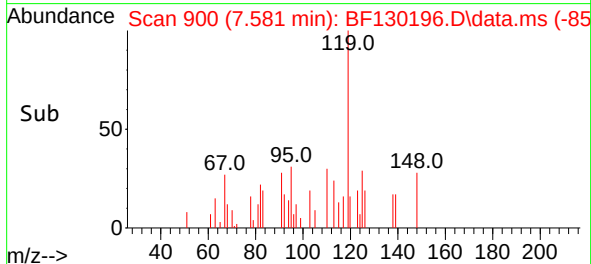
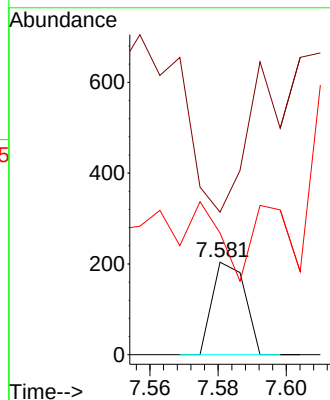
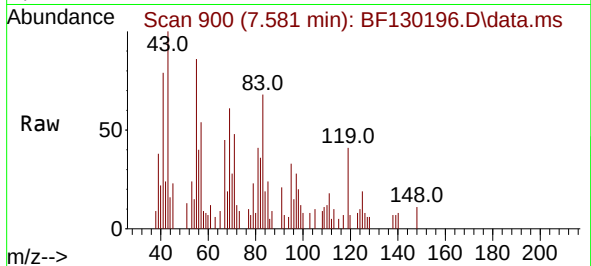




#26
2-Nitrophenol
Concen: 3.523 ng
RT: 7.581 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF130196.D
Acq: 09 Sep 2022 15:46

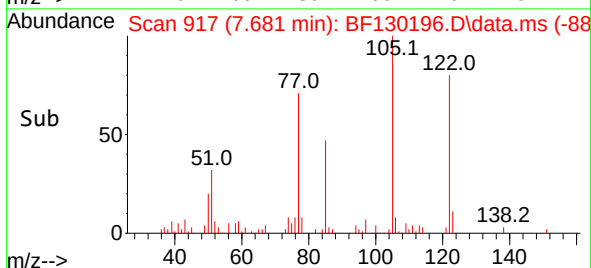
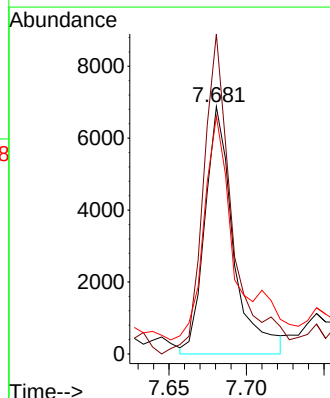
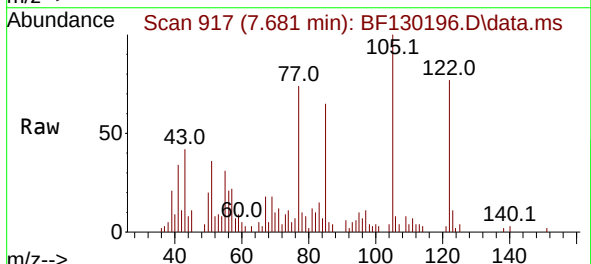
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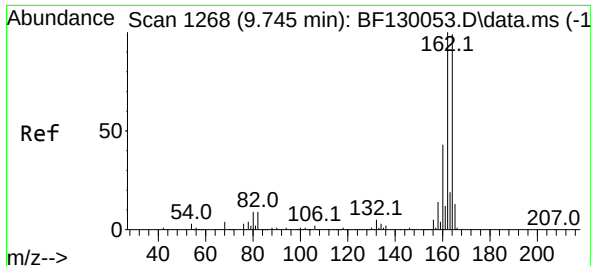
Tgt Ion:139 Resp: 136
Ion Ratio Lower Upper
139 100
109 153.9 24.4 36.6#
65 131.4 40.9 61.3#



#32
Benzoic acid
Concen: 7.557 ng
RT: 7.681 min Scan# 917
Delta R.T. -0.088 min
Lab File: BF130196.D
Acq: 09 Sep 2022 15:46

Tgt Ion:122 Resp: 8796
Ion Ratio Lower Upper
122 100
105 129.4 99.9 139.9
77 96.1 65.9 105.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.722 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF130196.D

Acq: 09 Sep 2022 15:46

Instrument :

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ClientSampleId :

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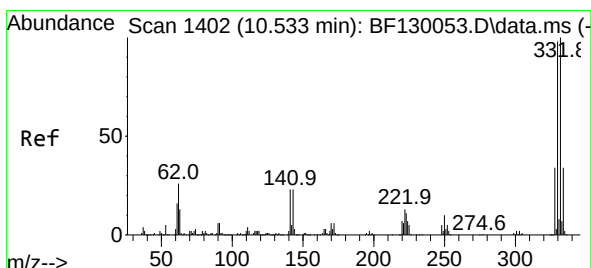
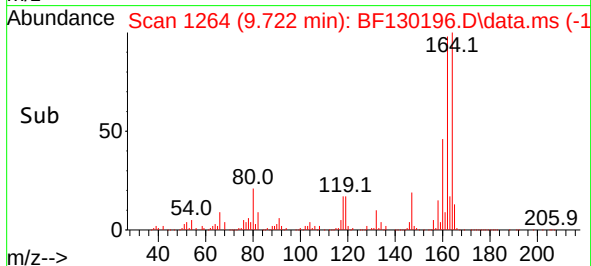
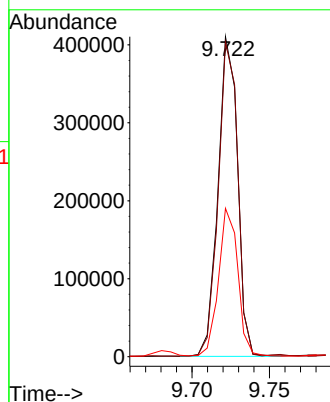
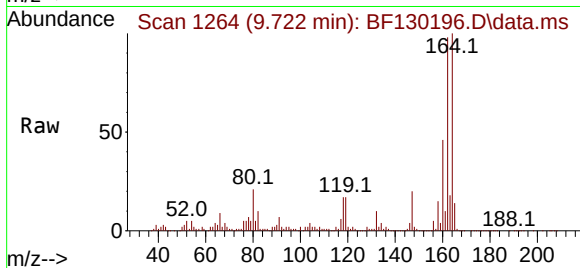
Tgt Ion:164 Resp: 359037

Ion Ratio Lower Upper

164 100

162 98.4 82.0 123.0

160 46.4 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 52.563 ng

RT: 10.510 min Scan# 1398

Delta R.T. -0.012 min

Lab File: BF130196.D

Acq: 09 Sep 2022 15:46

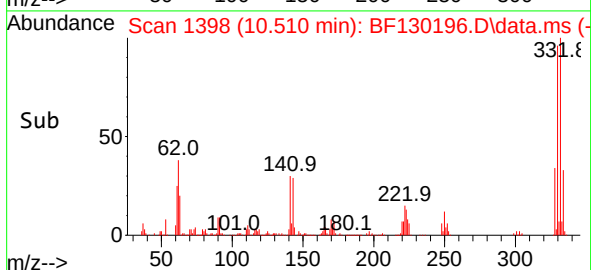
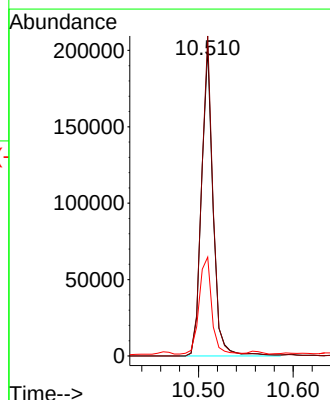
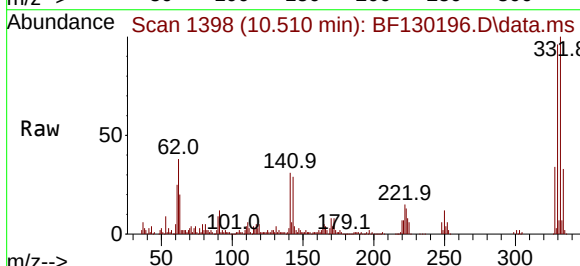
Tgt Ion:330 Resp: 171788

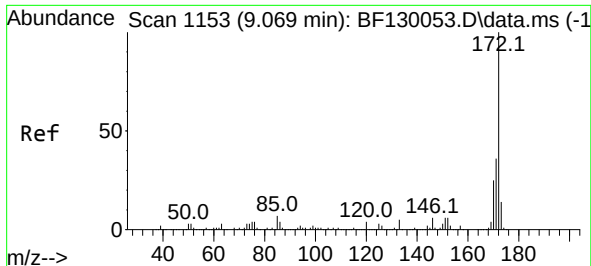
Ion Ratio Lower Upper

330 100

332 102.3 82.6 124.0

141 34.1 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 39.707 ng

RT: 9.051 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130196.D

Acq: 09 Sep 2022 15:46

Instrument :

BNA_F

ClientSampleId :

MW2DL

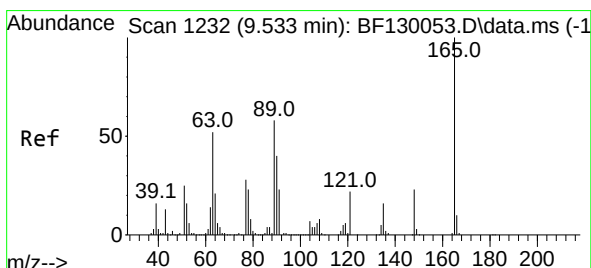
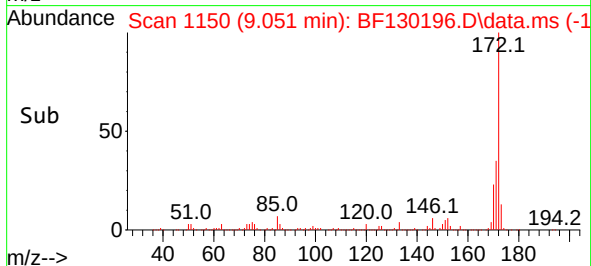
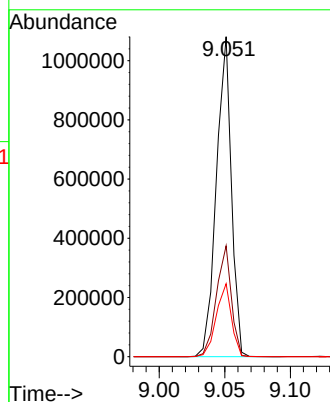
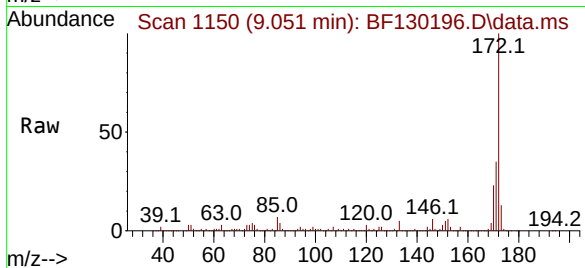
Tgt Ion:172 Resp: 859881

Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 22.8 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.949 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.194 min

Lab File: BF130196.D

Acq: 09 Sep 2022 15:46

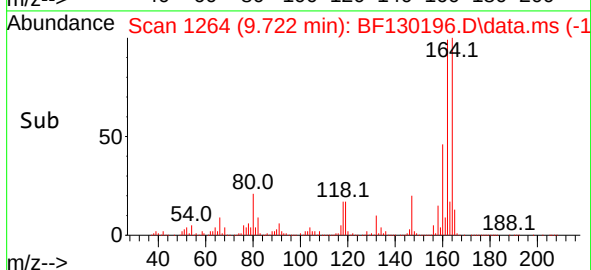
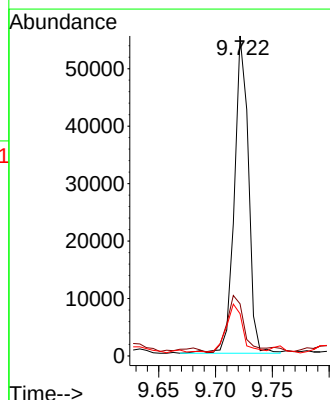
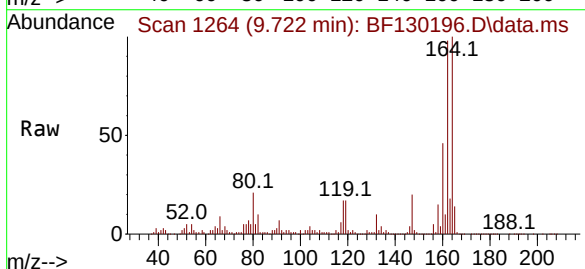
Tgt Ion:165 Resp: 47434

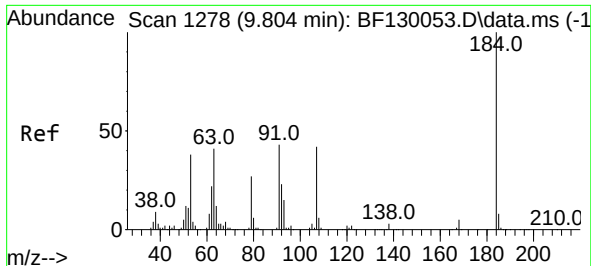
Ion Ratio Lower Upper

165 100

63 16.3 47.8 71.8#

89 13.2 47.2 70.8#





#54

2,4-Dinitrophenol

Concen: 8.302 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.082 min

Lab File: BF130196.D

Acq: 09 Sep 2022 15:46

Instrument :

BNA_F

ClientSampleId :

MW2DL

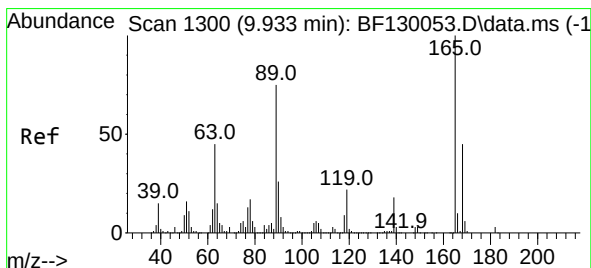
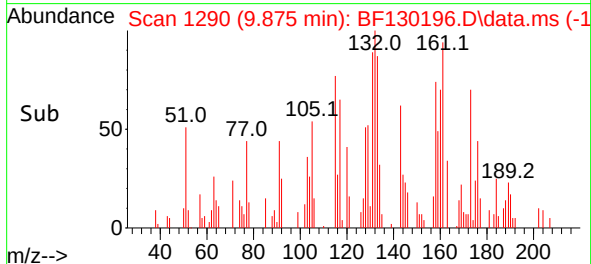
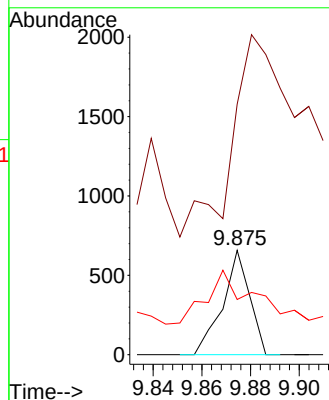
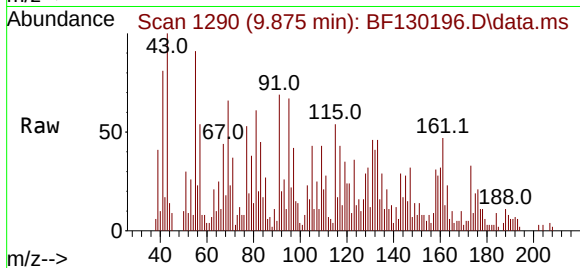
Tgt Ion:184 Resp: 505

Ion Ratio Lower Upper

184 100

63 239.8 59.6 89.4#

154 52.9 55.3 82.9#



#57

2,4-Dinitrotoluene

Concen: 8.641 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.200 min

Lab File: BF130196.D

Acq: 09 Sep 2022 15:46

Tgt Ion:165 Resp: 47434

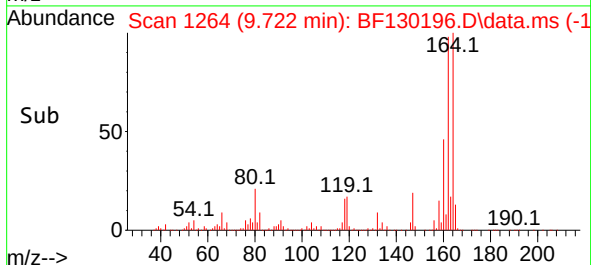
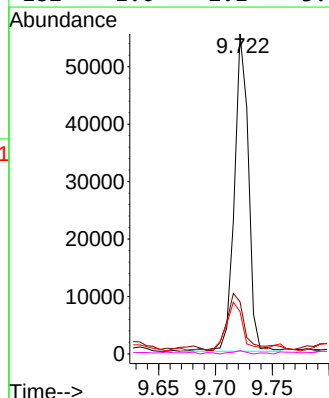
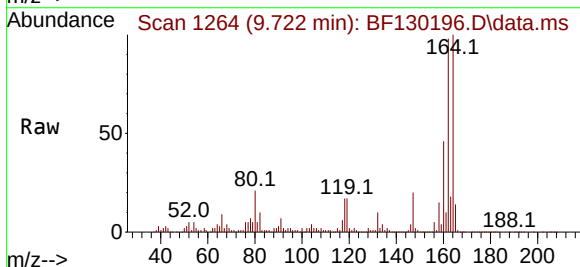
Ion Ratio Lower Upper

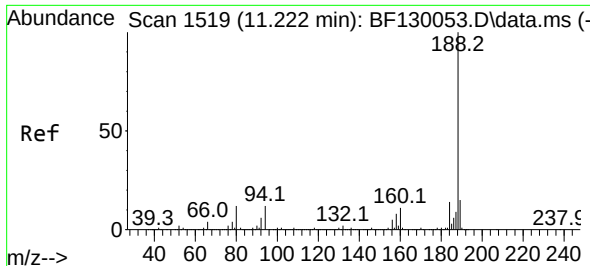
165 100

63 16.3 48.4 72.6#

89 13.2 62.3 93.5#

182 1.0 2.1 3.1#

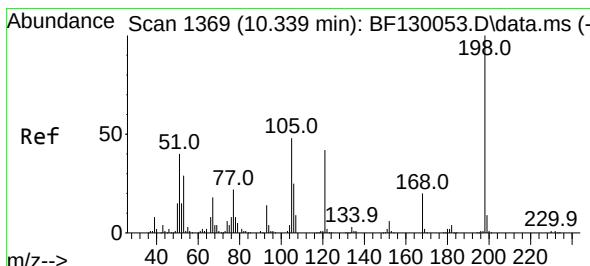
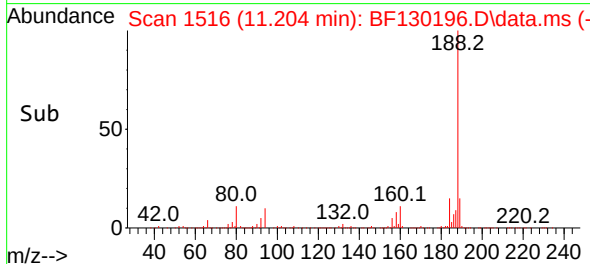
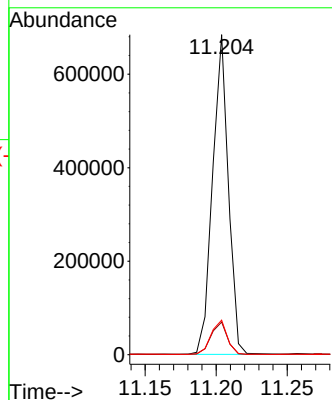
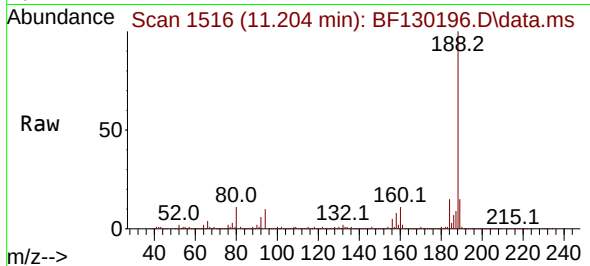




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130196.D
Acq: 09 Sep 2022 15:46

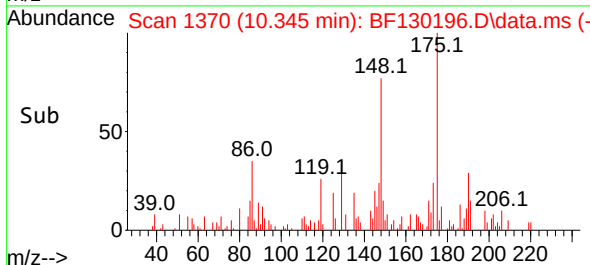
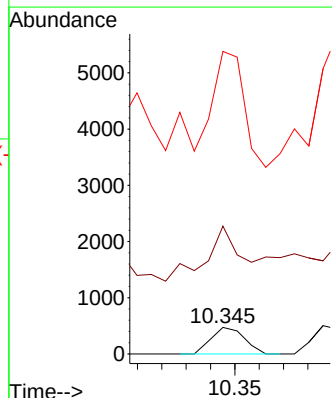
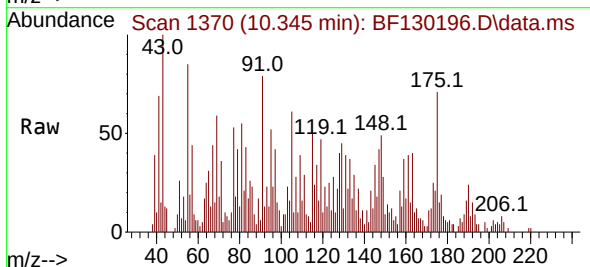
Instrument :
BNA_F
ClientSampleId :
MW2DL

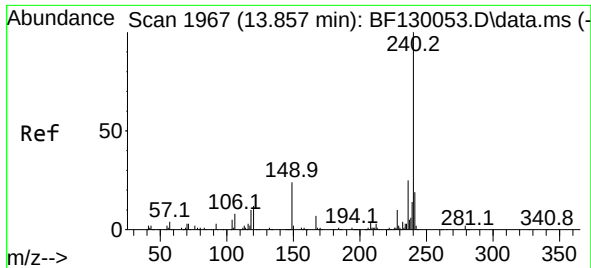
Tgt Ion:188 Resp: 529197
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 10.8 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.237 ng
RT: 10.345 min Scan# 1370
Delta R.T. 0.018 min
Lab File: BF130196.D
Acq: 09 Sep 2022 15:46

Tgt Ion:198 Resp: 446
Ion Ratio Lower Upper
198 100
51 483.0 29.4 69.4#
105 1143.1 29.2 69.2#

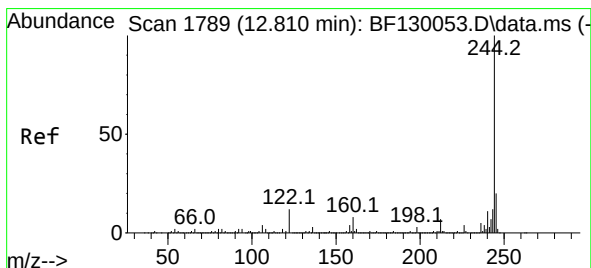
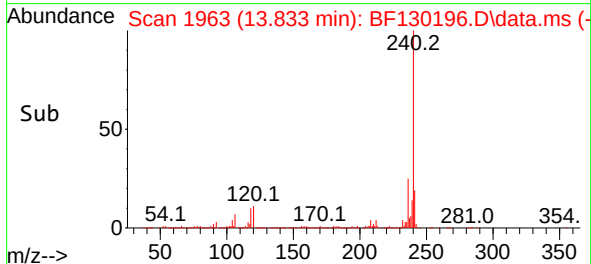
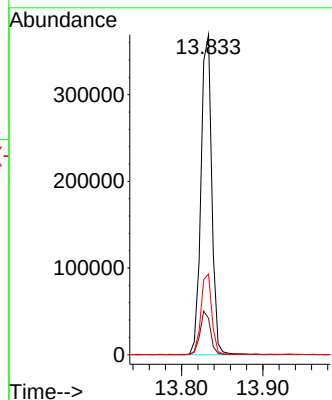
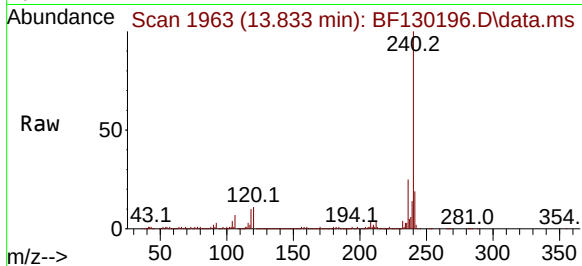




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130196.D
Acq: 09 Sep 2022 15:46

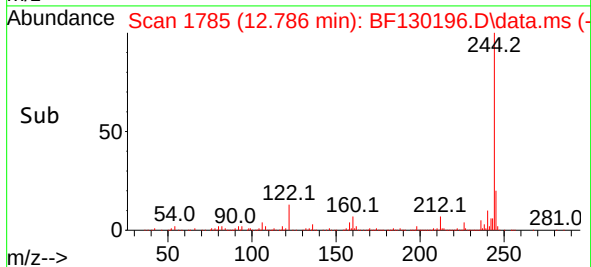
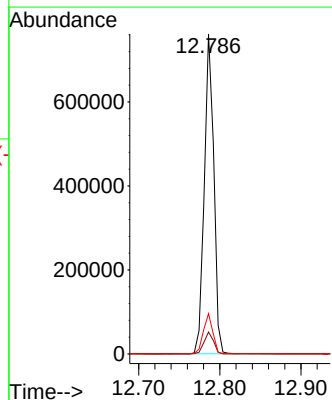
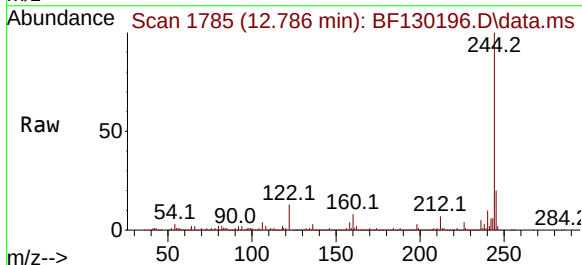
Instrument :
BNA_F
ClientSampleId :
MW2DL

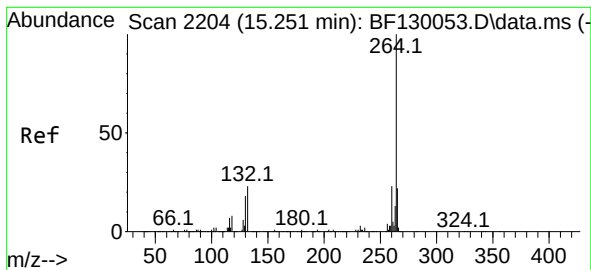
Tgt Ion:240 Resp: 342415
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.2 20.7 31.1



#79
Terphenyl-d14
Concen: 31.336 ng
RT: 12.786 min Scan# 1785
Delta R.T. -0.012 min
Lab File: BF130196.D
Acq: 09 Sep 2022 15:46

Tgt Ion:244 Resp: 618744
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 12.6 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.227 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF130196.D

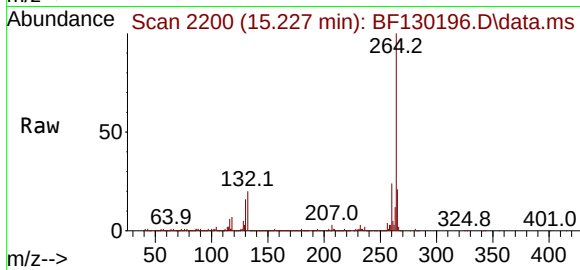
Acq: 09 Sep 2022 15:46

Instrument :

BNA_F

ClientSampleId :

MW2DL



Tgt Ion:264 Resp: 396896

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.2 16.7 25.1

