

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090922\
 Data File : BF130199.D
 Acq On : 09 Sep 2022 17:30
 Operator : CG\JU
 Sample : N4549-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-48

Quant Time: Sep 09 23:48:29 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)

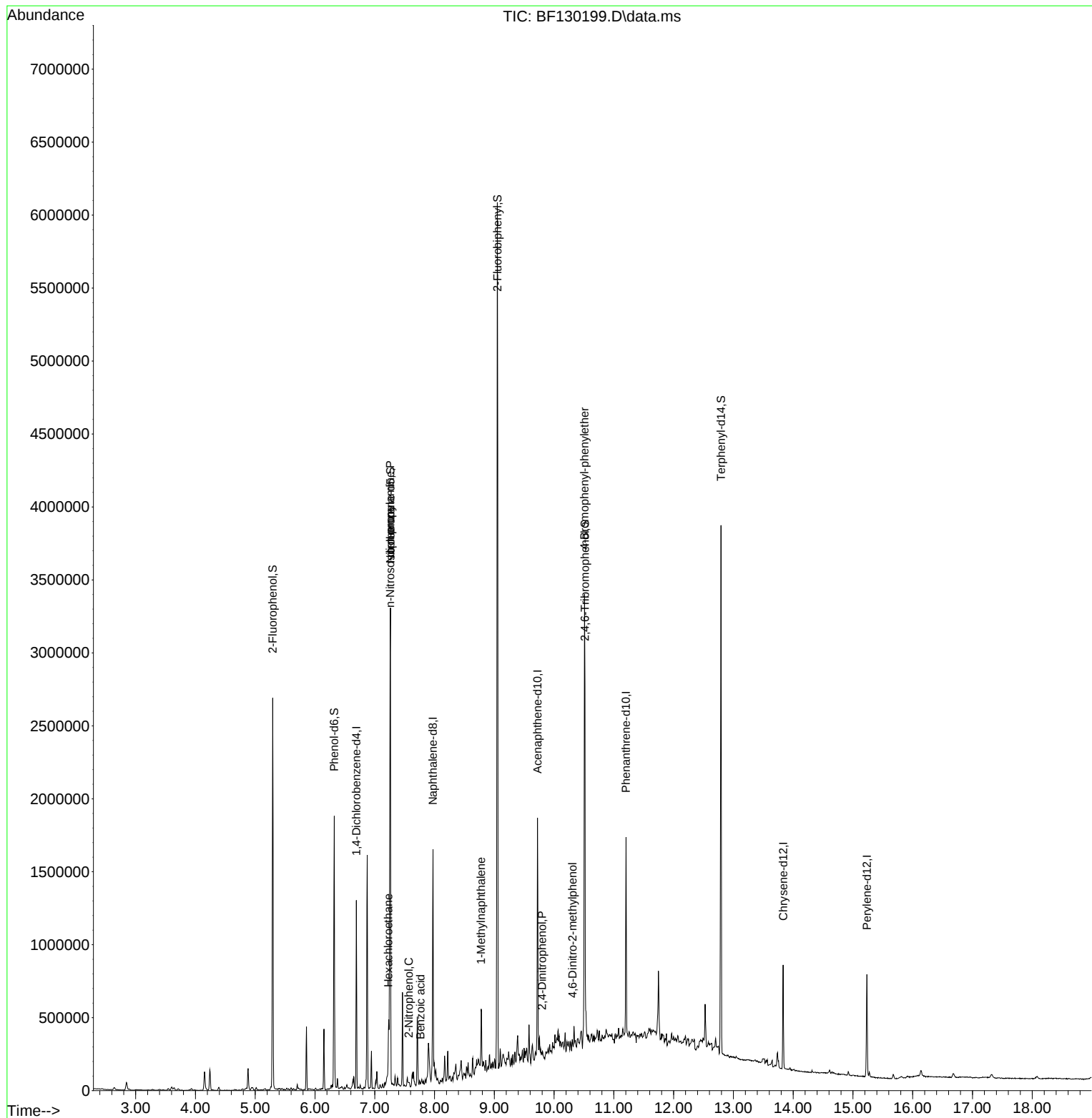
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	169424	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	632939	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	304983	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	440823	20.000	ng	0.00
76) Chrysene-d12	13.833	240	215924	20.000	ng	-0.01
86) Perylene-d12	15.233	264	274079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	749161	75.067	ng	0.00
7) Phenol-d6	6.322	99	589019	47.341	ng	-0.01
23) Nitrobenzene-d5	7.263	82	1069626	108.606	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	417333	150.326	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	1846095	100.358	ng	0.00
79) Terphenyl-d14	12.792	244	1155774	92.822	ng	0.00
Target Compounds						
					Qvalue	
18) Hexachloroethane	7.228	117	31439	7.118	ng	# 1
19) n-Nitroso-di-n-propyla...	7.257	70	139454	18.605	ng	# 74
25) Isophorone	7.263	82	1060430	53.198	ng	# 65
26) 2-Nitrophenol	7.569	139	116	3.522	ng	# 1
32) Benzoic acid	7.763	122	335	6.615	ng	# 21
38) 1-Methylnaphthalene	8.781	142	101994	5.103	ng	# 97
54) 2,4-Dinitrophenol	9.798	184	75	8.129	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.310	198	61	6.106	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	24935	5.085	ng	# 1

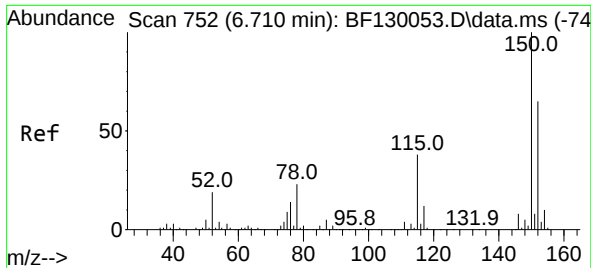
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
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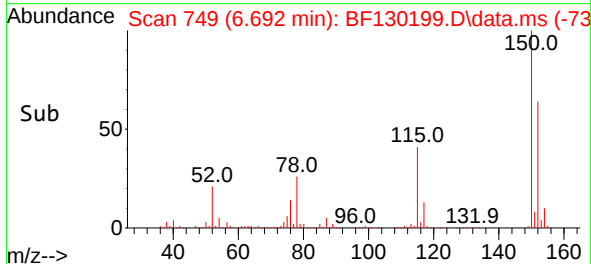
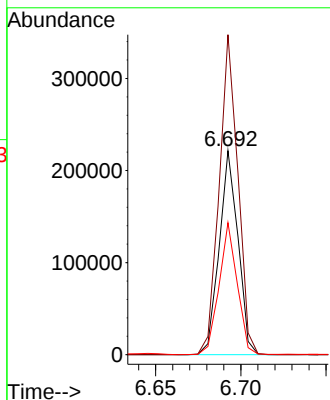
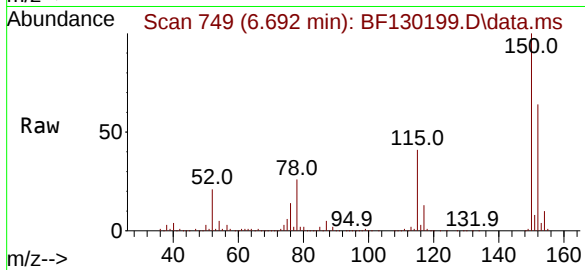




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130199.D
 Acq: 09 Sep 2022 17:30

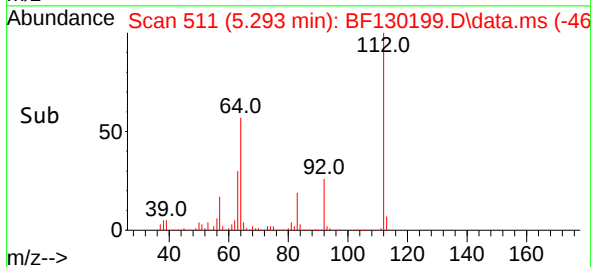
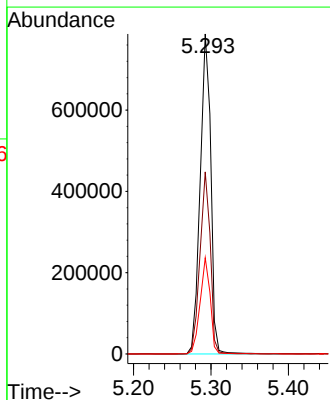
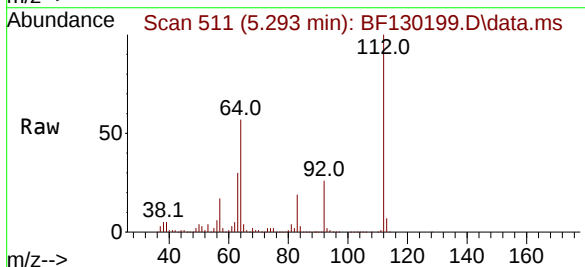
Instrument :
 BNA_F
 ClientSampleId :
 MW-48

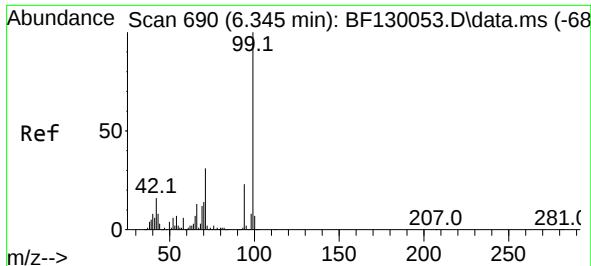
Tgt Ion:152 Resp: 169424
 Ion Ratio Lower Upper
 152 100
 150 156.8 126.9 190.3
 115 64.7 53.4 80.0



#5
 2-Fluorophenol
 Concen: 75.067 ng
 RT: 5.293 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: BF130199.D
 Acq: 09 Sep 2022 17:30

Tgt Ion:112 Resp: 749161
 Ion Ratio Lower Upper
 112 100
 64 56.9 47.6 71.4
 63 30.0 24.6 37.0

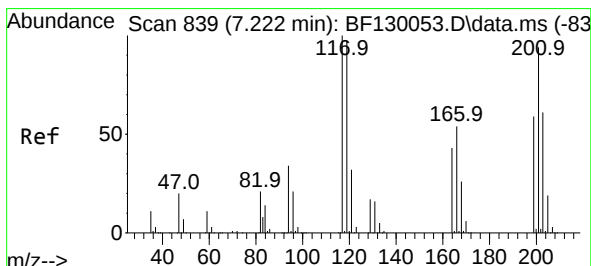
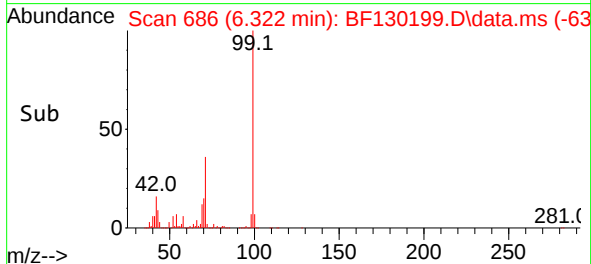
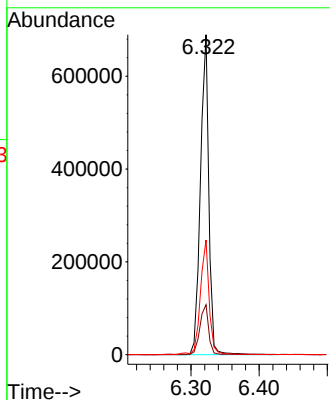
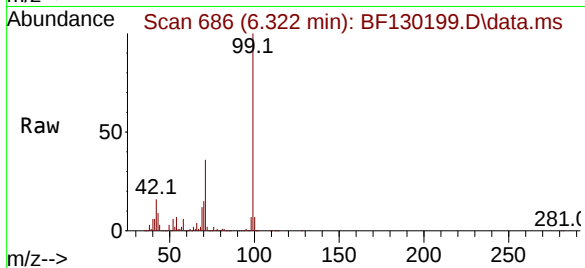




#7
Phenol-d6
Concen: 47.341 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

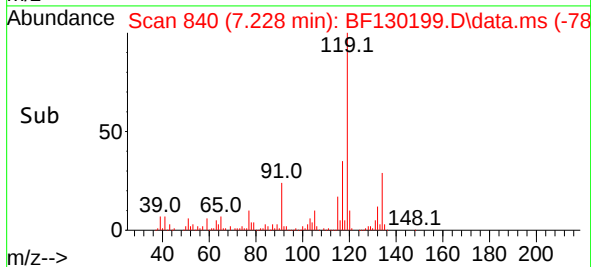
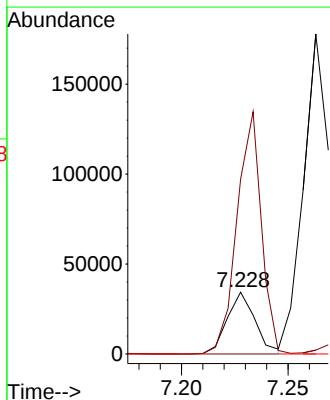
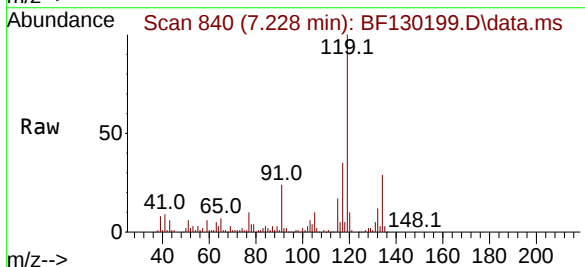
Instrument :
BNA_F
ClientSampleId :
MW-48

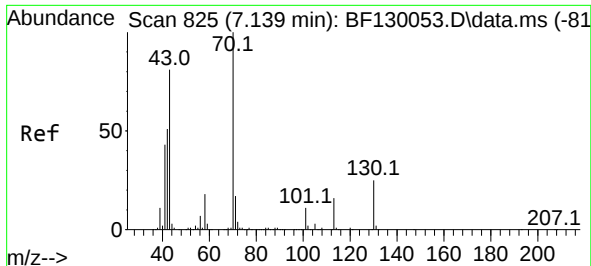
Tgt Ion: 99 Resp: 589019
Ion Ratio Lower Upper
99 100
42 15.6 15.0 22.4
71 35.9 28.8 43.2



#18
Hexachloroethane
Concen: 7.118 ng
RT: 7.228 min Scan# 840
Delta R.T. 0.018 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

Tgt Ion: 117 Resp: 31439
Ion Ratio Lower Upper
117 100
119 282.9 79.1 118.7#
201 0.0 66.6 100.0#

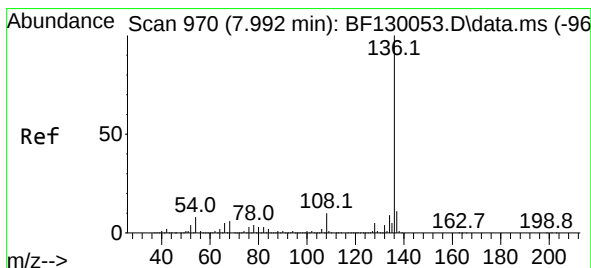
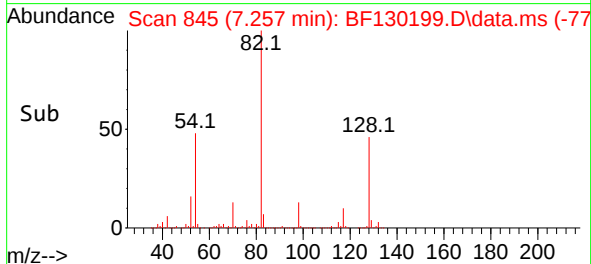
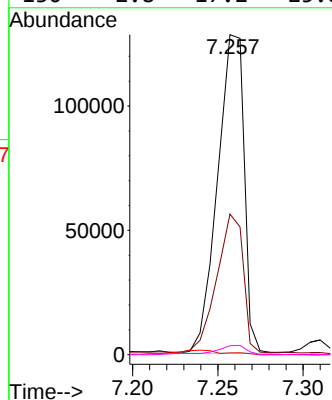
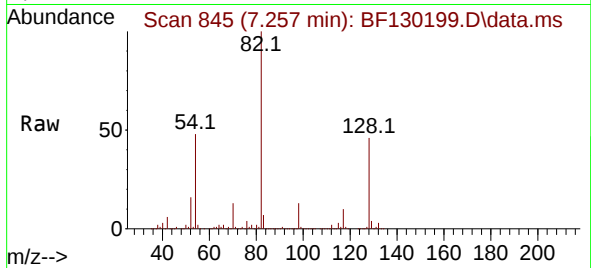




#19
n-Nitroso-di-n-propylamine
Concen: 18.605 ng
RT: 7.257 min Scan# 84
Delta R.T. 0.129 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

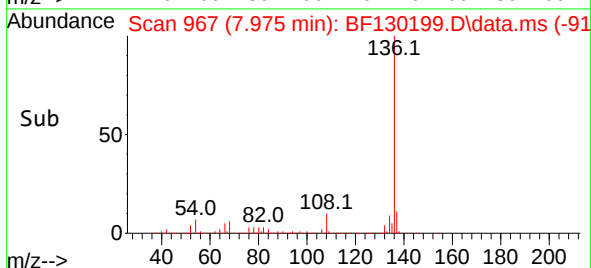
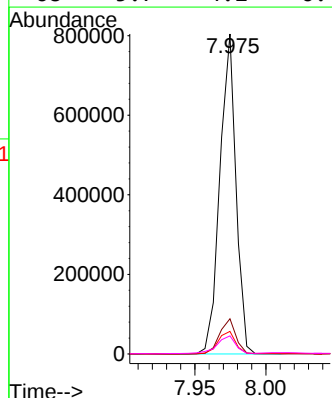
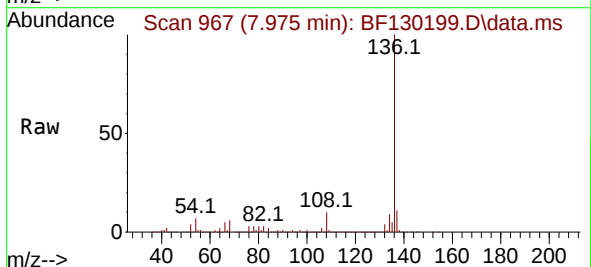
Instrument :
BNA_F
ClientSampleId :
MW-48

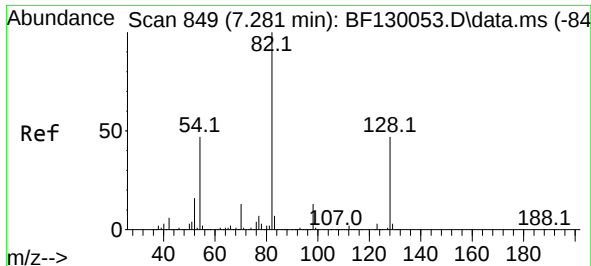
Tgt Ion: 70 Resp: 139454
Ion Ratio Lower Upper
70 100
42 44.0 47.6 71.4#
101 0.6 8.1 12.1#
130 2.8 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

Tgt Ion:136 Resp: 632939
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.0 6.2 9.2
68 5.7 4.2 6.4

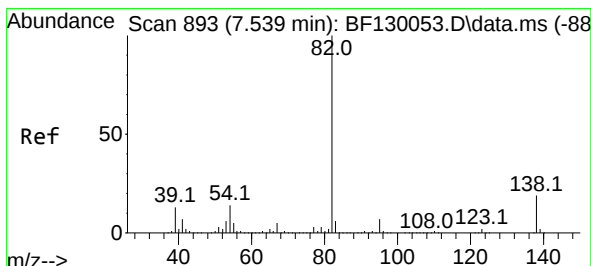
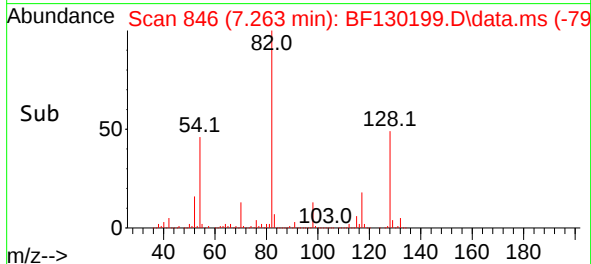
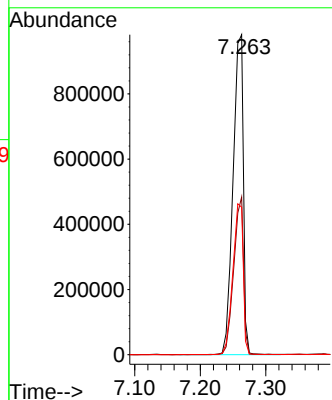
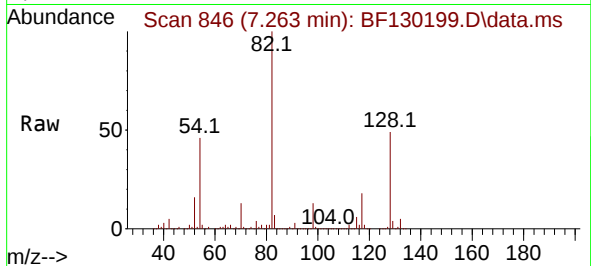




#23
Nitrobenzene-d5
Concen: 108.606 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

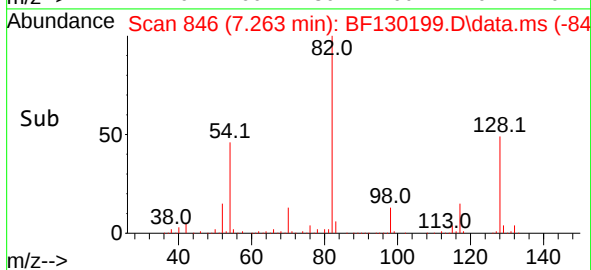
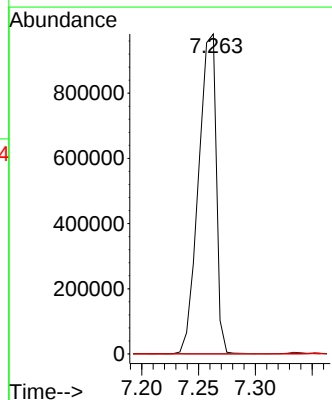
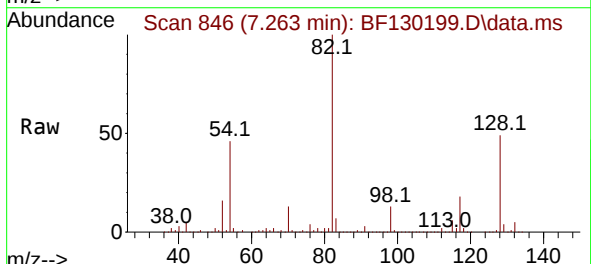
Instrument :
BNA_F
ClientSampleId :
MW-48

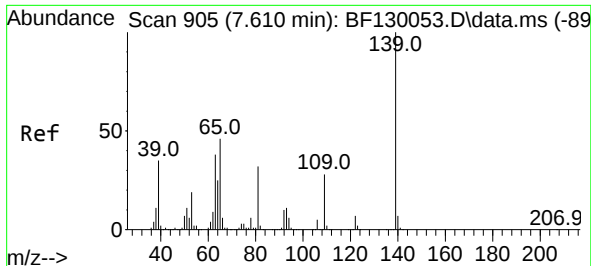
Tgt Ion: 82 Resp: 1069626
Ion Ratio Lower Upper
82 100
128 49.3 36.1 54.1
54 46.1 40.0 60.0



#25
Isophorone
Concen: 53.198 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.265 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

Tgt Ion: 82 Resp: 1060430
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 14.6 21.8#

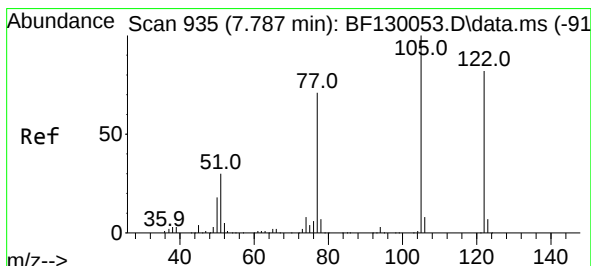
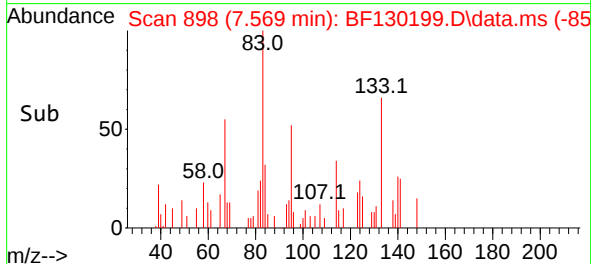
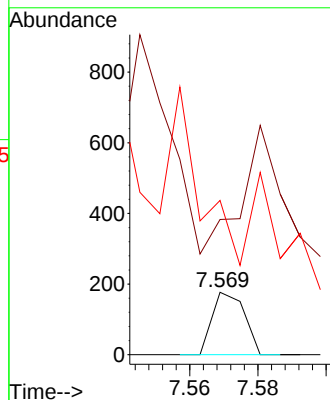
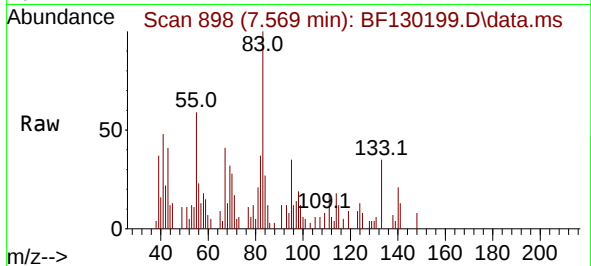




#26
2-Nitrophenol
Concen: 3.522 ng
RT: 7.569 min Scan# 89
Delta R.T. -0.029 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

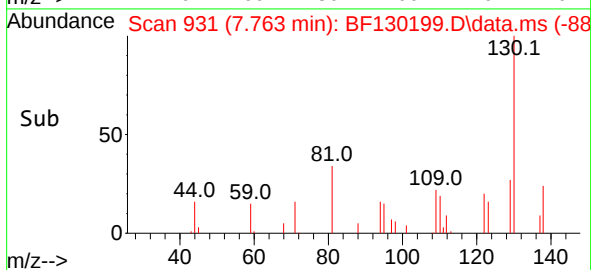
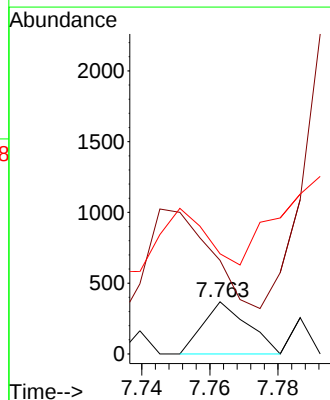
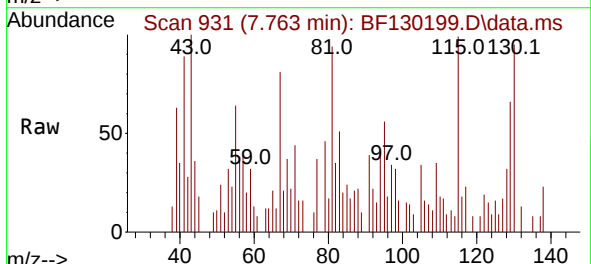
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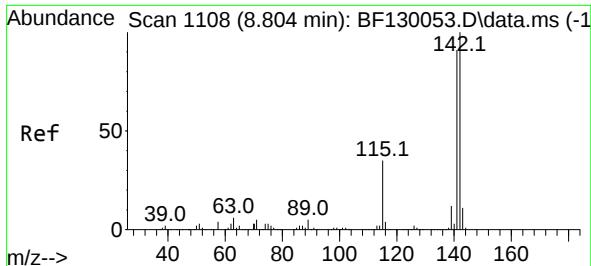
Tgt Ion:139 Resp: 116
Ion Ratio Lower Upper
139 100
109 216.4 24.4 36.6#
65 246.9 40.9 61.3#



#32
Benzoic acid
Concen: 6.615 ng
RT: 7.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

Tgt Ion:122 Resp: 335
Ion Ratio Lower Upper
122 100
105 179.1 99.9 139.9#
77 191.9 65.9 105.9#

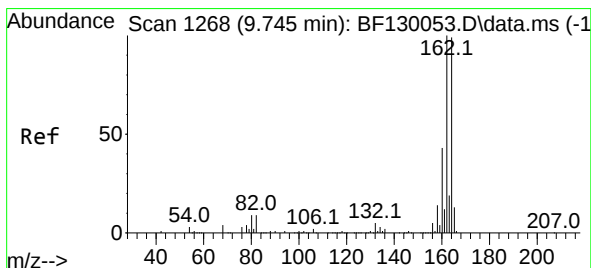
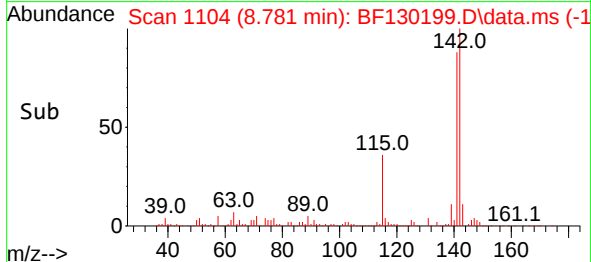
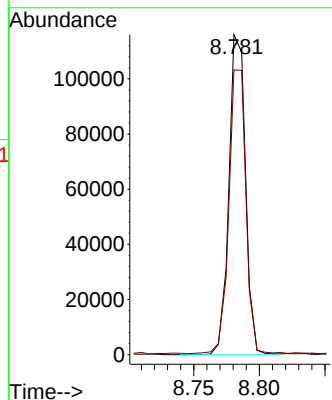
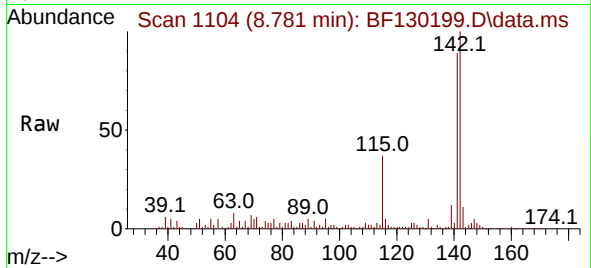




#38
1-Methylnaphthalene
Concen: 5.103 ng
RT: 8.781 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

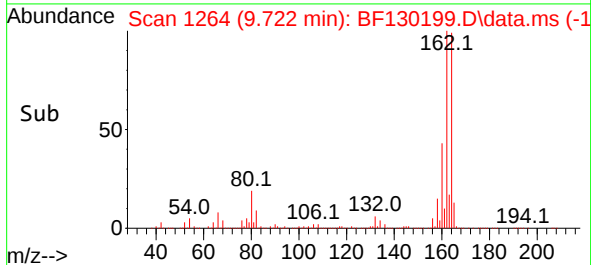
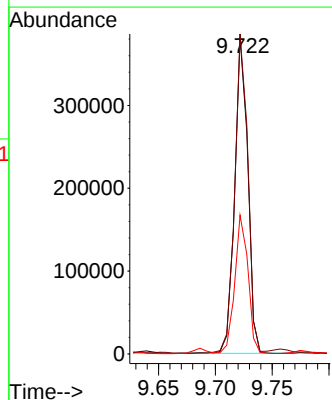
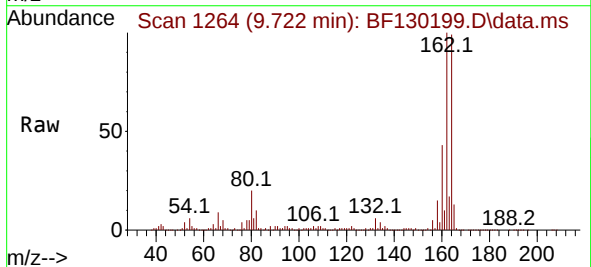
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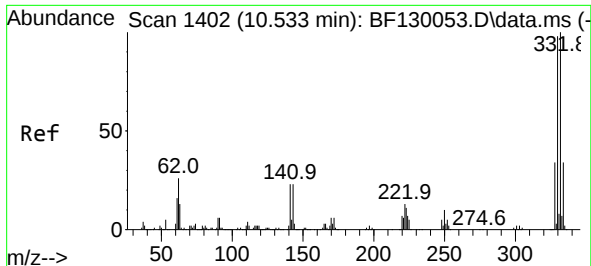
Tgt Ion:142 Resp: 101994
Ion Ratio Lower Upper
142 100
141 89.0 73.5 110.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 1264
Delta R.T. -0.012 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

Tgt Ion:164 Resp: 304983
Ion Ratio Lower Upper
164 100
162 101.0 82.0 123.0
160 43.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 150.326 ng

RT: 10.516 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF130199.D

Acq: 09 Sep 2022 17:30

Instrument :

BNA_F

ClientSampleId :

MW-48

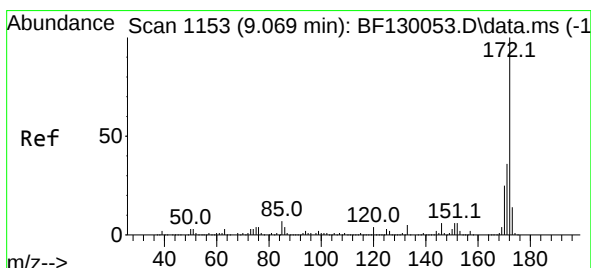
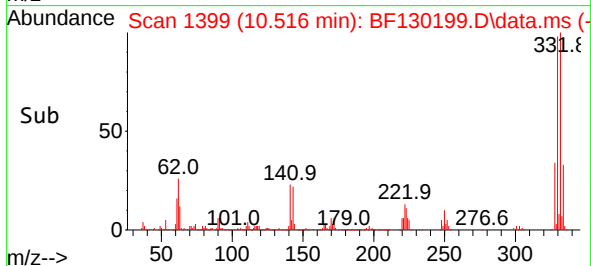
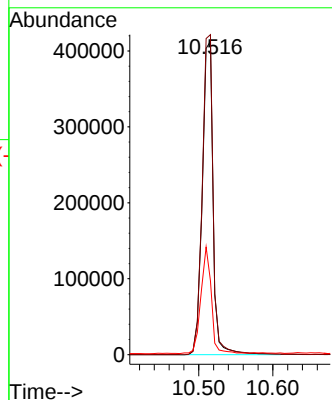
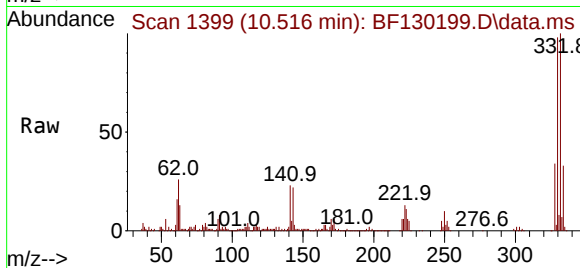
Tgt Ion:330 Resp: 417333

Ion Ratio Lower Upper

330 100

332 103.1 82.6 124.0

141 32.6 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 100.358 ng

RT: 9.051 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF130199.D

Acq: 09 Sep 2022 17:30

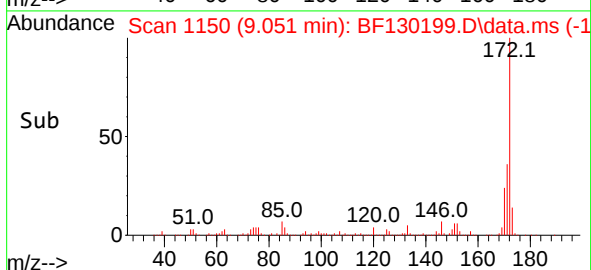
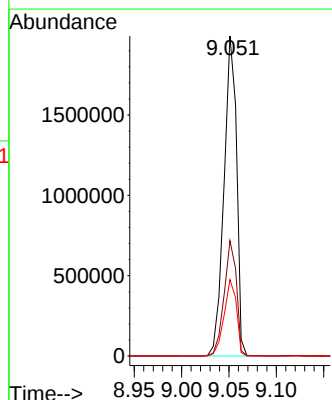
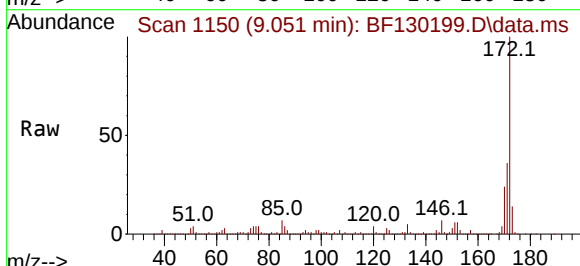
Tgt Ion:172 Resp: 1846095

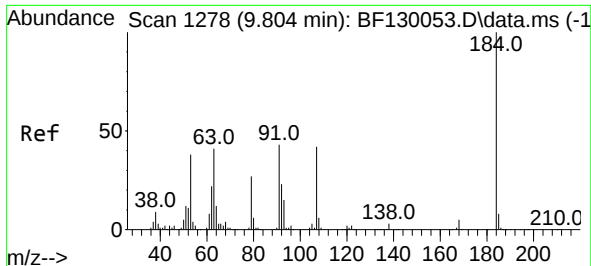
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.8 19.1 28.7





#54

2,4-Dinitrophenol

Concen: 8.129 ng

RT: 9.798 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF130199.D

Acq: 09 Sep 2022 17:30

Instrument :

BNA_F

ClientSampleId :

MW-48

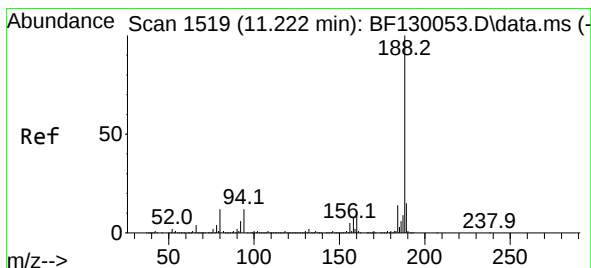
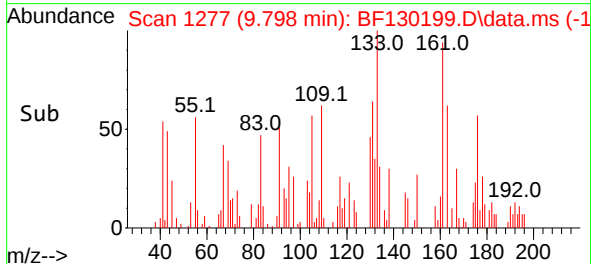
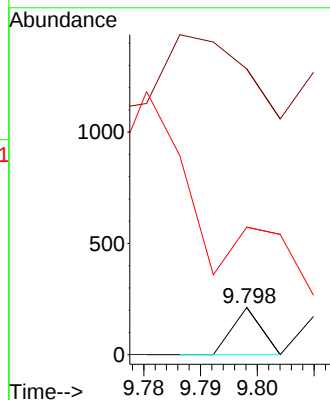
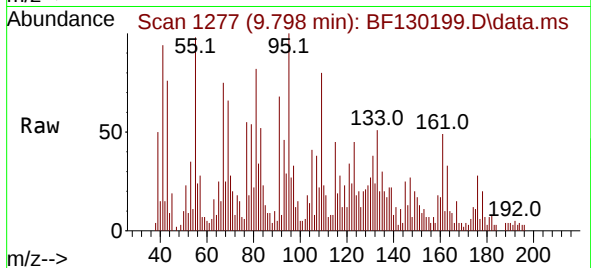
Tgt Ion:184 Resp: 75

Ion Ratio Lower Upper

184 100

63 605.7 59.6 89.4#

154 270.3 55.3 82.9#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 1516

Delta R.T. -0.006 min

Lab File: BF130199.D

Acq: 09 Sep 2022 17:30

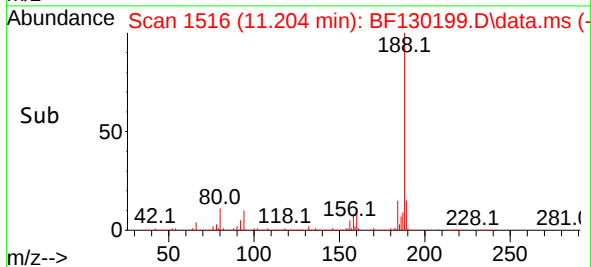
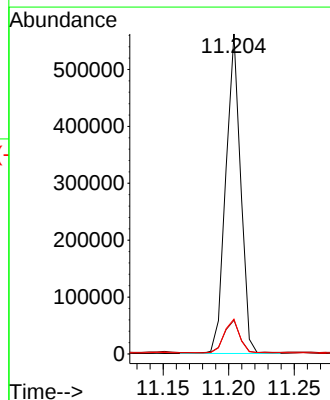
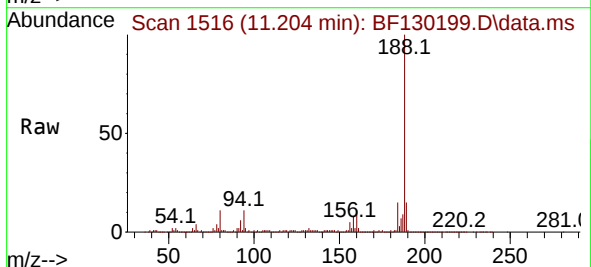
Tgt Ion:188 Resp: 440823

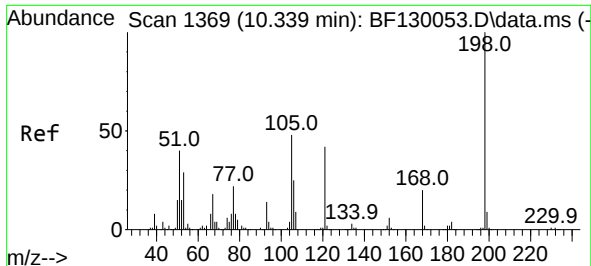
Ion Ratio Lower Upper

188 100

94 10.6 7.4 11.2

80 10.9 7.9 11.9

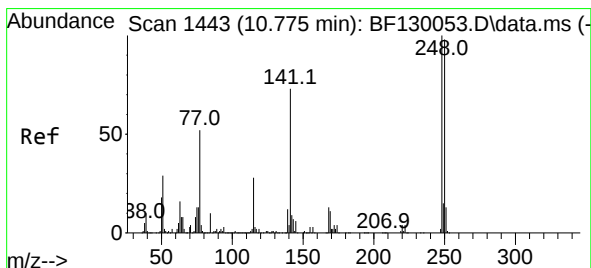
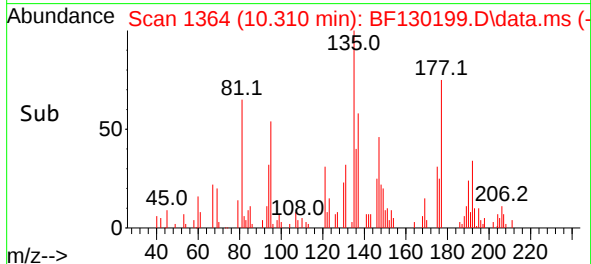
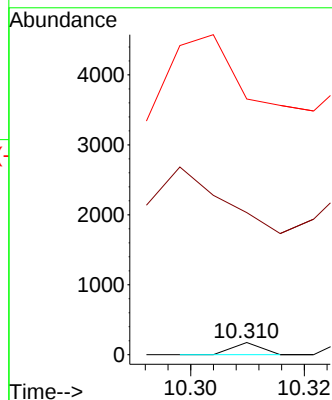
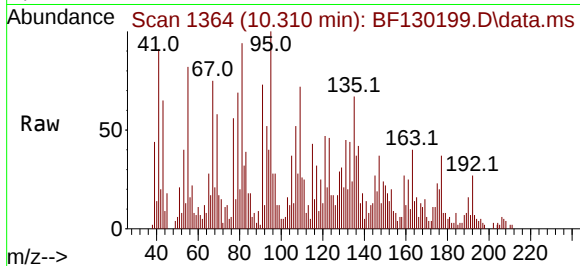




#65
4,6-Dinitro-2-methylphenol
Concen: 6.106 ng
RT: 10.310 min Scan# 111
Delta R.T. -0.018 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

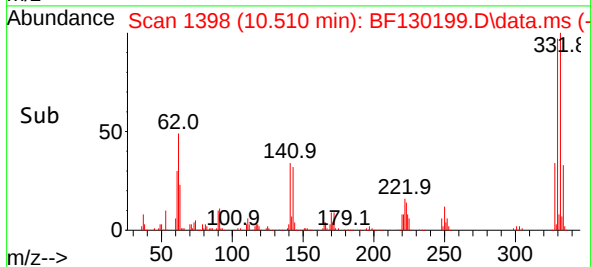
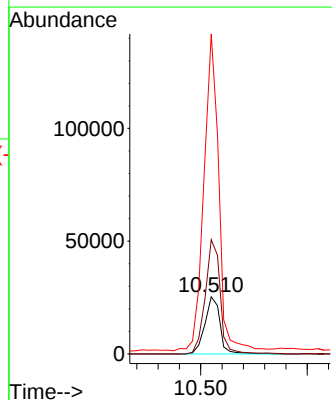
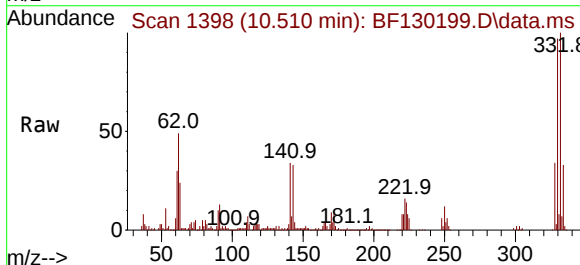
Instrument :
BNA_F
ClientSampleId :
MW-48

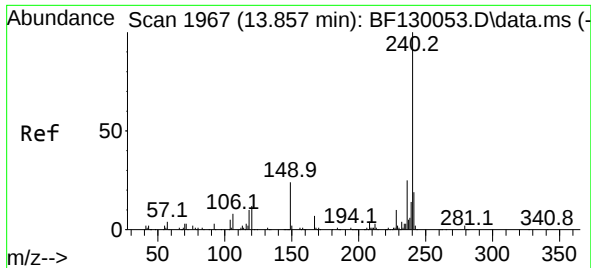
Tgt Ion:198 Resp: 61
Ion Ratio Lower Upper
198 100
51 1167.2 29.4 69.4#
105 2100.6 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 5.085 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.253 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

Tgt Ion:248 Resp: 24935
Ion Ratio Lower Upper
248 100
250 200.2 77.8 116.6#
141 560.4 66.2 99.2#

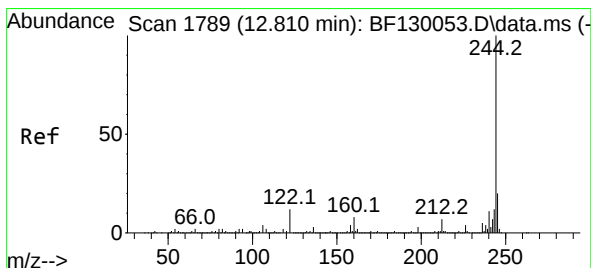
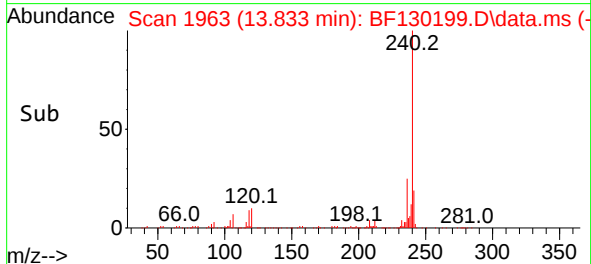
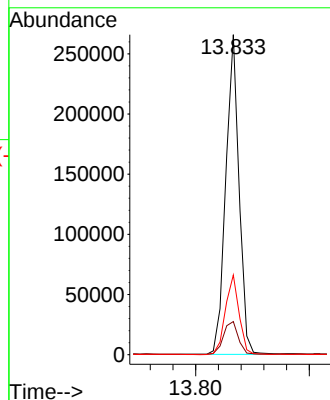
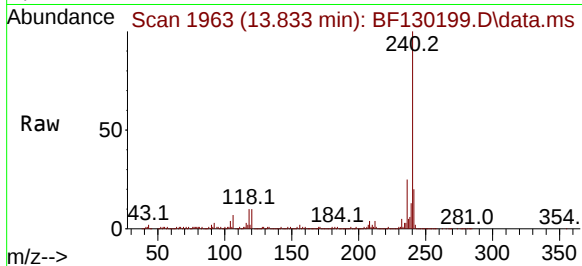




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

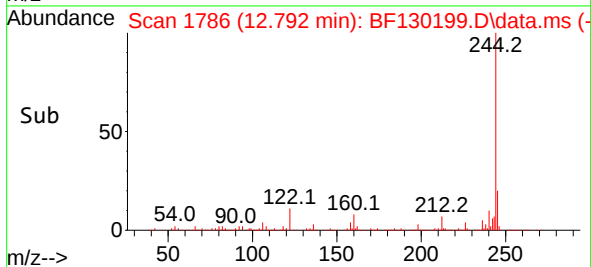
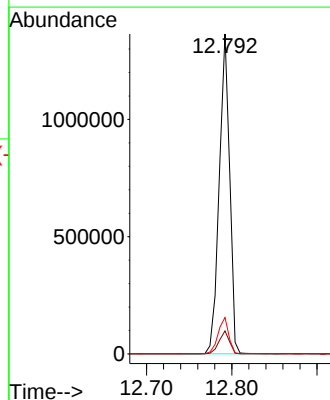
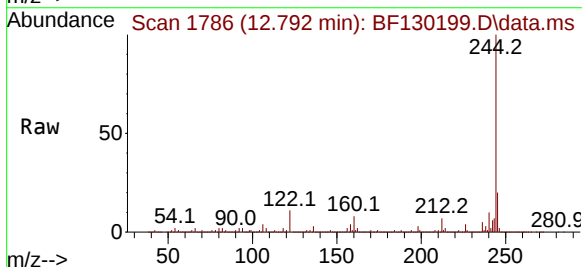
Instrument :
BNA_F
ClientSampleId :
MW-48

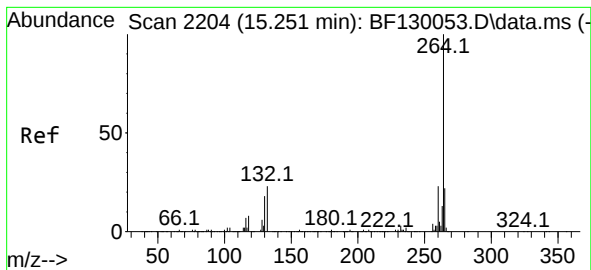
Tgt Ion:240 Resp: 215924
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 24.9 20.7 31.1



#79
Terphenyl-d14
Concen: 92.822 ng
RT: 12.792 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF130199.D
Acq: 09 Sep 2022 17:30

Tgt Ion:244 Resp: 1155774
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.4 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: BF130199.D
Acq: 09 Sep 2022 17:30

Instrument :
BNA_F
ClientSampleId :
MW-48

Tgt Ion:264 Resp: 274079
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 21.6 16.7 25.1

