

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130094.D
 Acq On : 02 Sep 2022 00:04
 Operator : CG\JU
 Sample : N4438-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KTS2-WC-S-TR-01-02-03

Quant Time: Sep 02 04:07:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

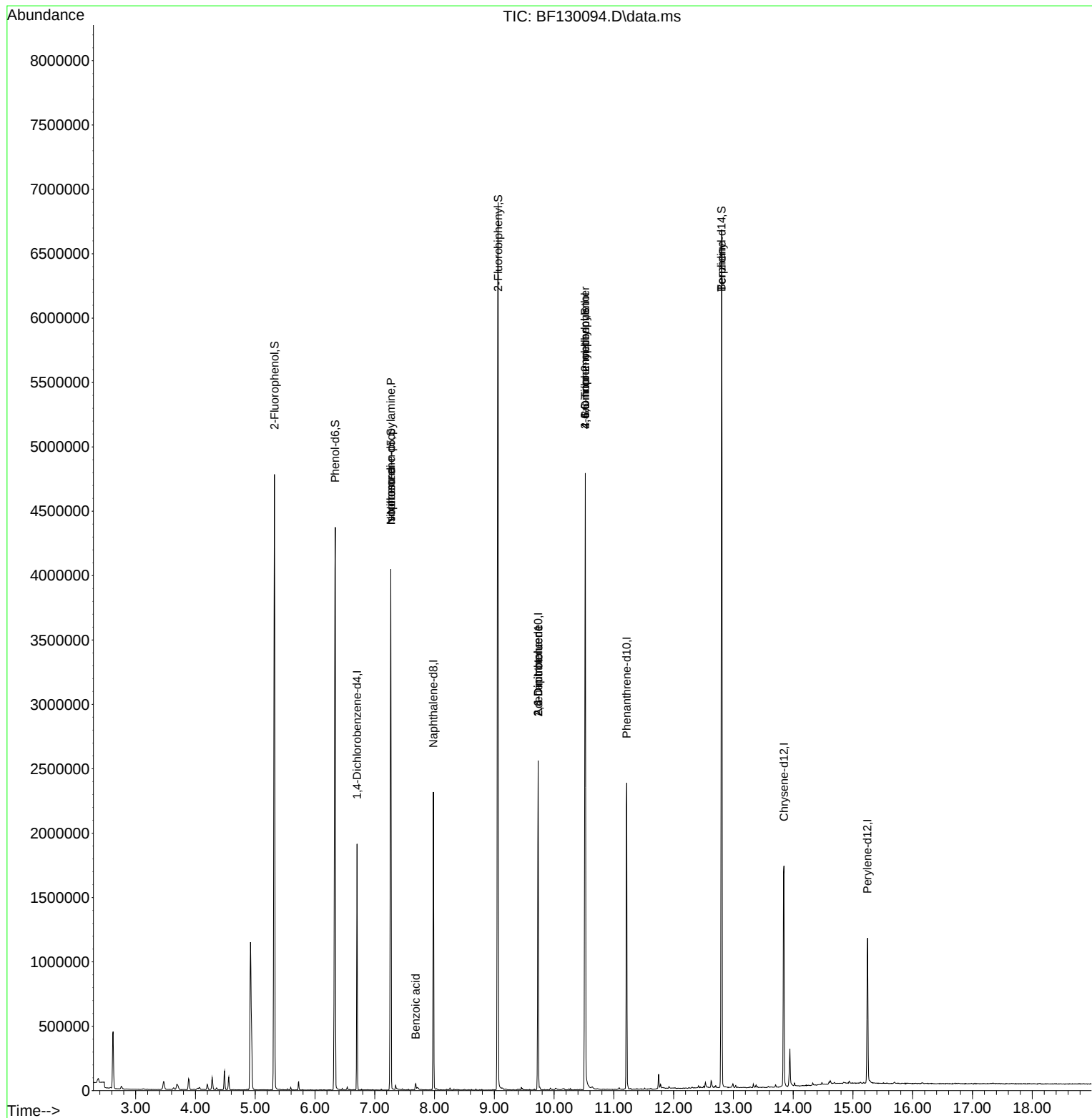
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	245224	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	971435	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	521200	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	871816	20.000	ng	0.00
76) Chrysene-d12	13.845	240	588930	20.000	ng	-0.01
86) Perylene-d12	15.245	264	478330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	1706658	118.150	ng	0.01
7) Phenol-d6	6.339	99	1954040	108.506	ng	0.00
23) Nitrobenzene-d5	7.269	82	1397289	92.439	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	651736	137.370	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2468829	78.534	ng	0.00
79) Terphenyl-d14	12.804	244	2526275	74.387	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	181076	16.690	ng	# 74
25) Isophorone	7.269	82	1392696	45.521	ng	# 65
32) Benzoic acid	7.686	122	14874	7.797	ng	94
51) 2,6-Dinitrotoluene	9.733	165	67737	9.787	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	67737	8.500	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	1316	6.360	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	38905	4.012	ng	# 1
77) Benzidine	12.804	184	35717	2.246	ng	# 92

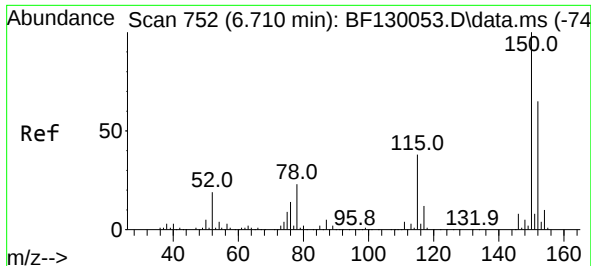
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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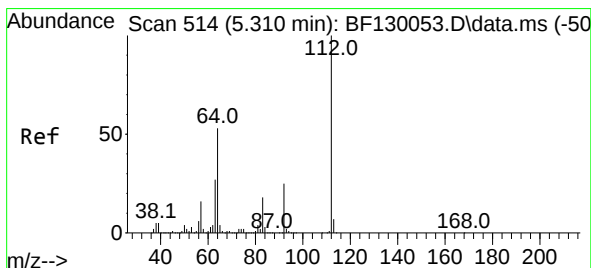
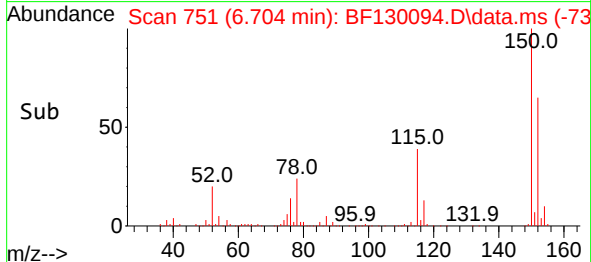
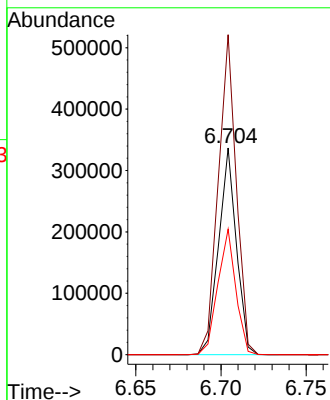
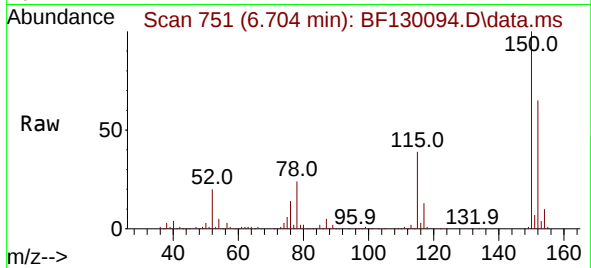




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130094.D
Acq: 02 Sep 2022 00:04

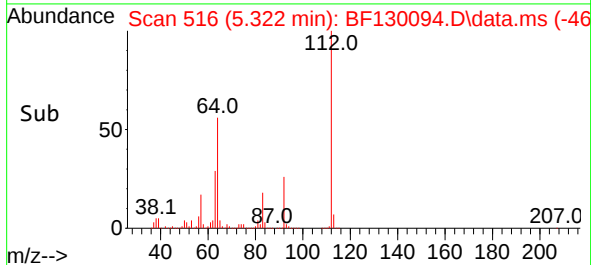
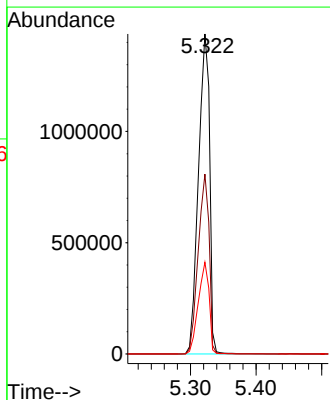
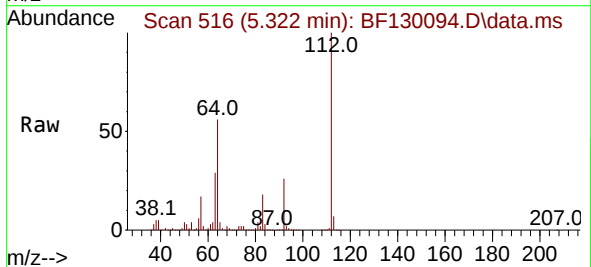
Instrument :
BNA_F
ClientSampleId :
KTS2-WC-S-TR-01-02-03

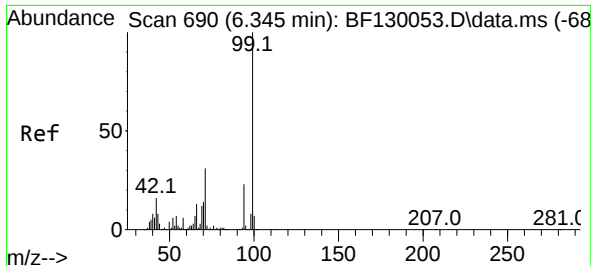
Tgt Ion:152 Resp: 245224
Ion Ratio Lower Upper
152 100
150 154.8 126.9 190.3
115 60.7 53.4 80.0



#5
2-Fluorophenol
Concen: 118.150 ng
RT: 5.322 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF130094.D
Acq: 02 Sep 2022 00:04

Tgt Ion:112 Resp: 1706658
Ion Ratio Lower Upper
112 100
64 56.2 47.6 71.4
63 28.6 24.6 37.0

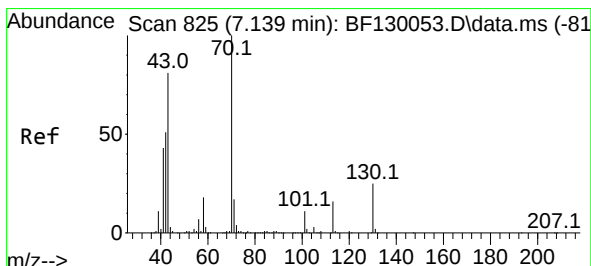
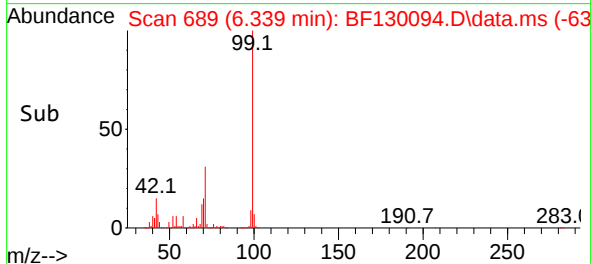
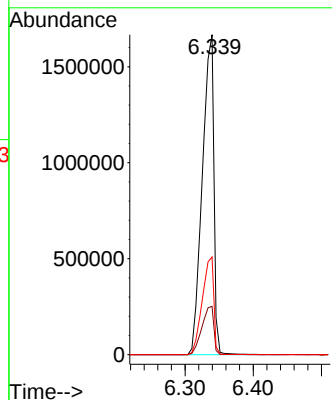
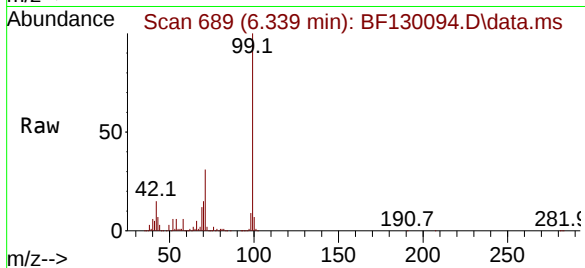




#7
Phenol-d6
Concen: 108.506 ng
RT: 6.339 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130094.D
Acq: 02 Sep 2022 00:04

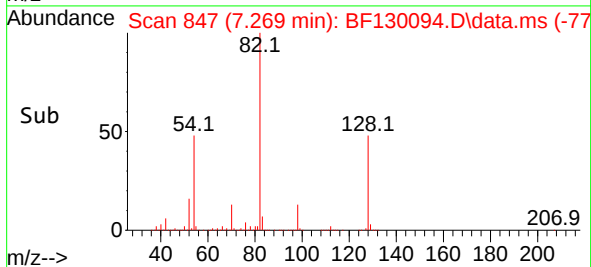
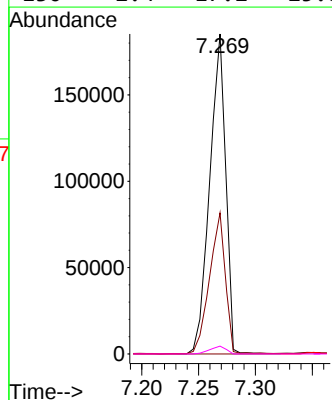
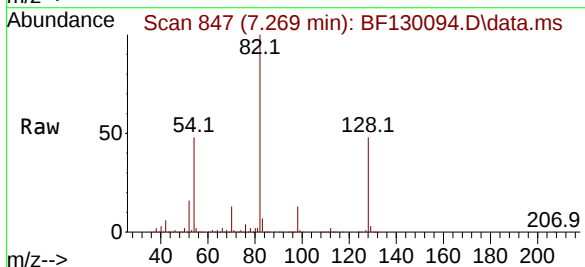
Instrument :
BNA_F
ClientSampleId :
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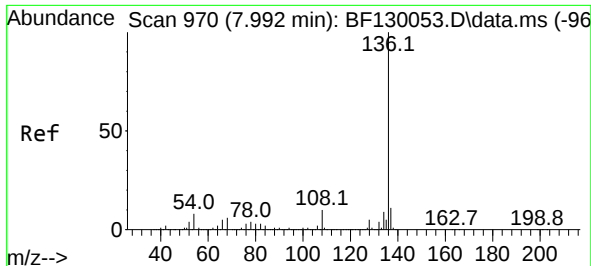
Tgt Ion: 99 Resp: 1954040
Ion Ratio Lower Upper
99 100
42 15.1 15.0 22.4
71 30.5 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.690 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130094.D
Acq: 02 Sep 2022 00:04

Tgt Ion: 70 Resp: 181076
Ion Ratio Lower Upper
70 100
42 44.1 47.6 71.4#
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#

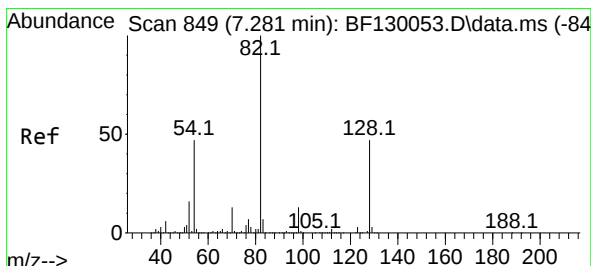
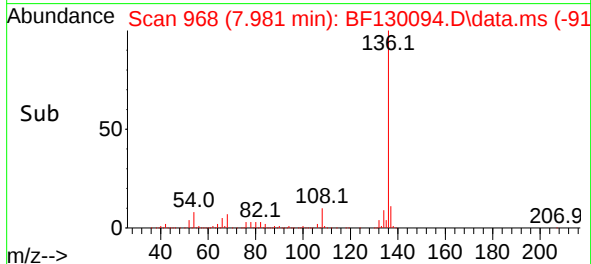
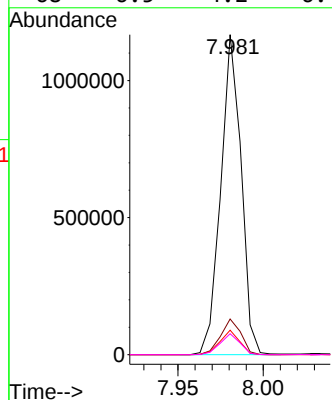
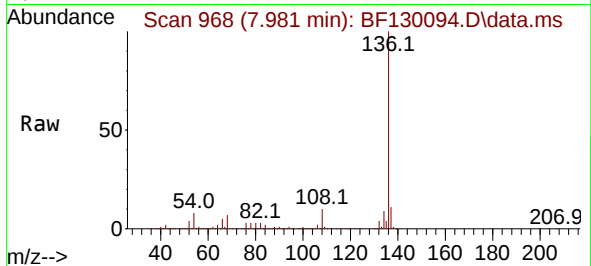




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130094.D
Acq: 02 Sep 2022 00:04

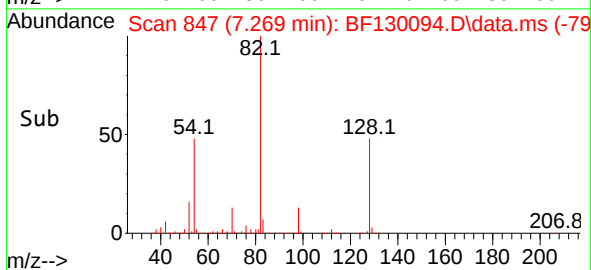
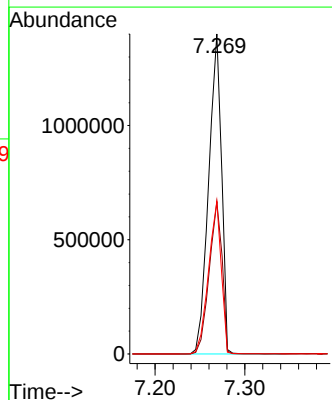
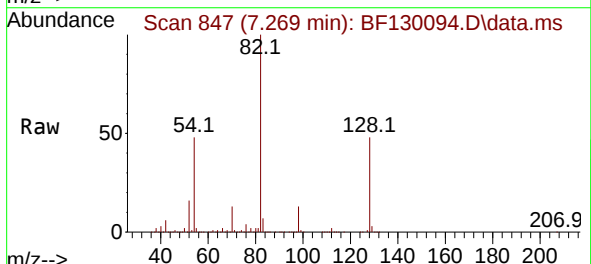
Instrument :
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ClientSampleId :
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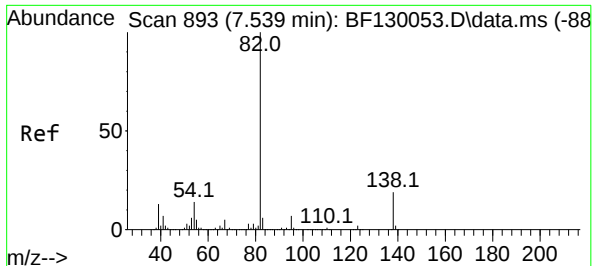
Tgt Ion:136 Resp: 971435
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.7 6.2 9.2
68 6.5 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 92.439 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130094.D
Acq: 02 Sep 2022 00:04

Tgt Ion: 82 Resp: 1397289
Ion Ratio Lower Upper
82 100
128 47.5 36.1 54.1
54 47.7 40.0 60.0

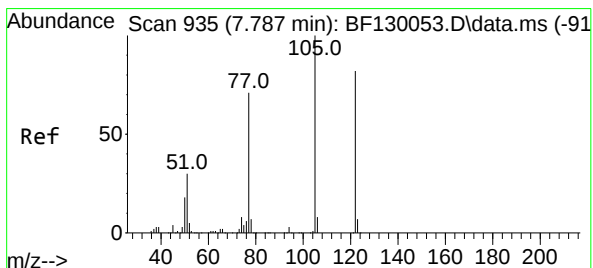
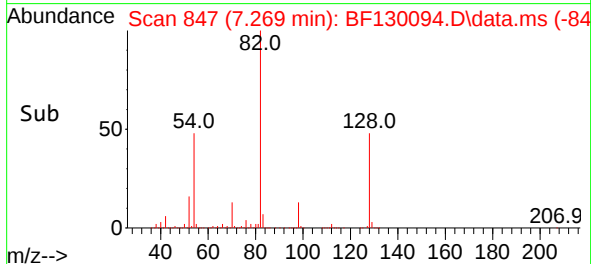
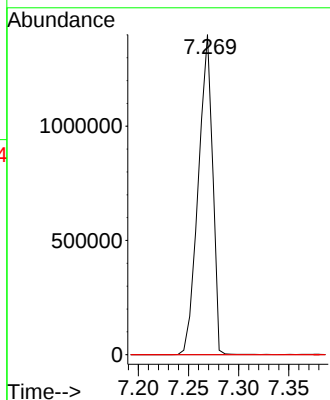
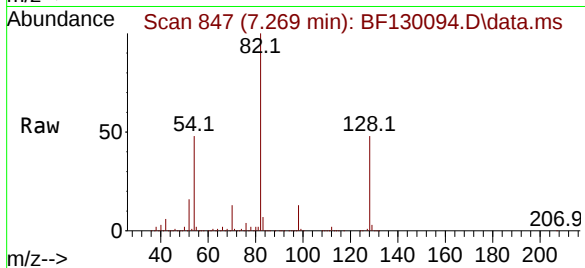




#25
Isophorone
Concen: 45.521 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130094.D
Acq: 02 Sep 2022 00:04

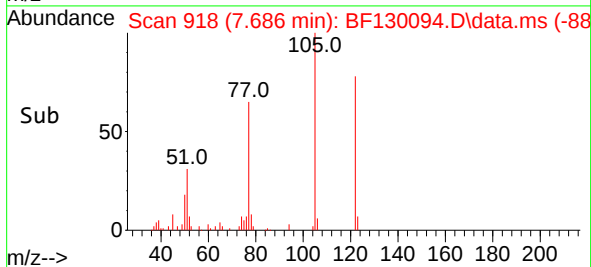
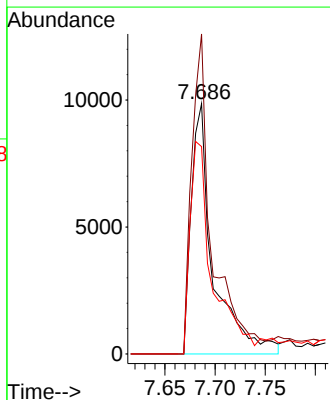
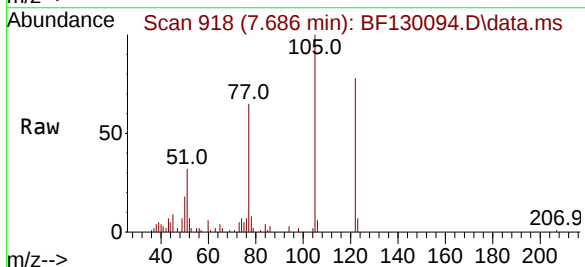
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ClientSampleId :
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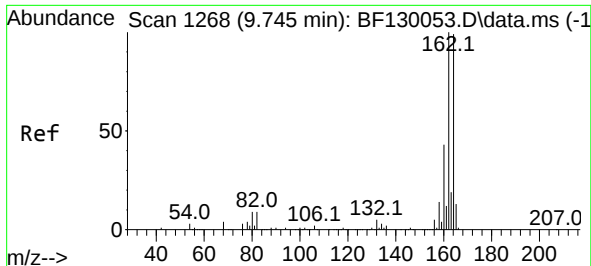
Tgt Ion: 82 Resp: 1392696
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 7.797 ng
RT: 7.686 min Scan# 918
Delta R.T. -0.101 min
Lab File: BF130094.D
Acq: 02 Sep 2022 00:04

Tgt Ion:122 Resp: 14874
Ion Ratio Lower Upper
122 100
105 127.9 99.9 139.9
77 82.8 65.9 105.9

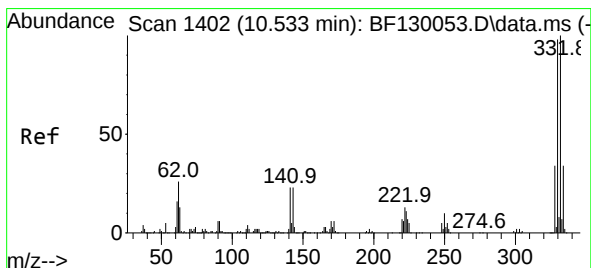
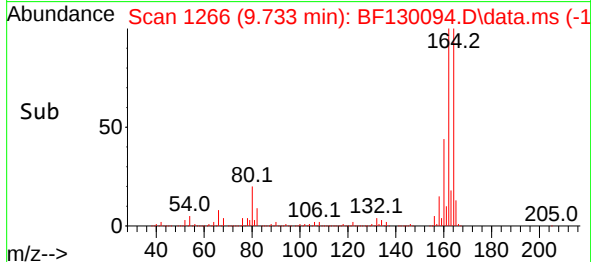
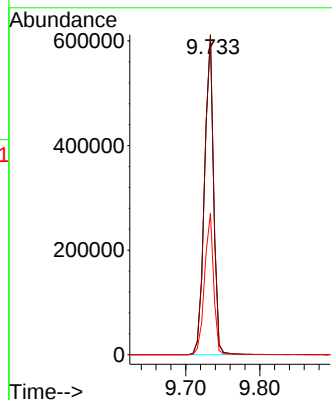
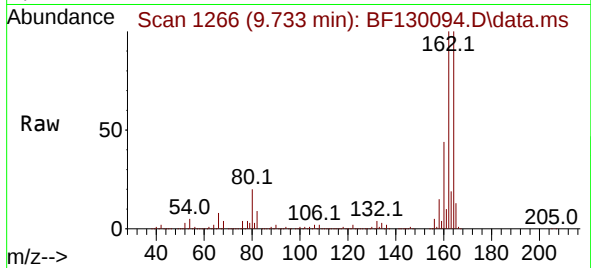




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130094.D
Acq: 02 Sep 2022 00:04

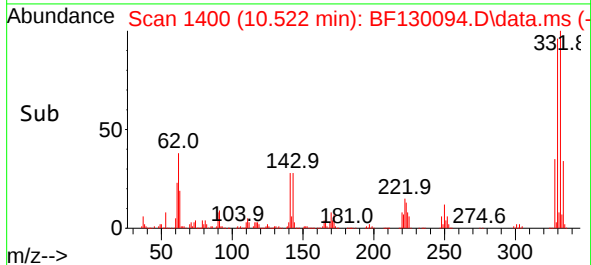
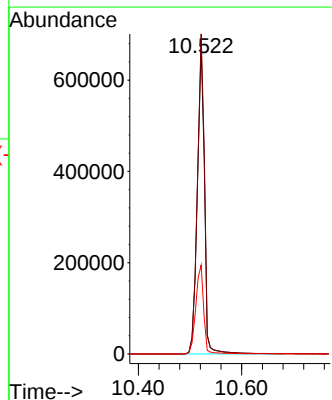
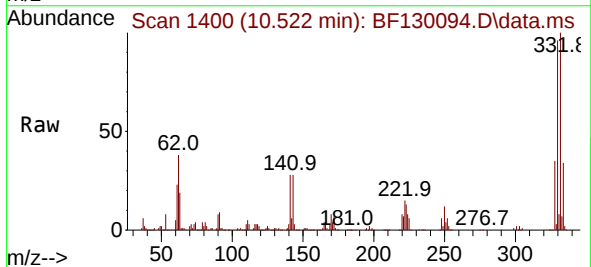
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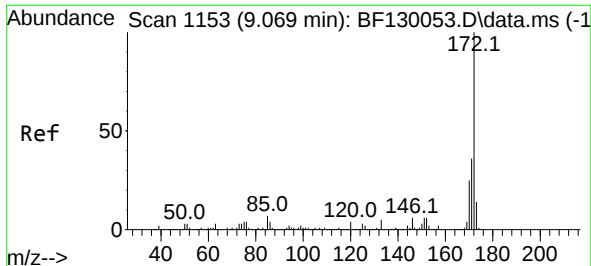
Tgt Ion:164 Resp: 521200
Ion Ratio Lower Upper
164 100
162 100.4 82.0 123.0
160 44.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 137.370 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130094.D
Acq: 02 Sep 2022 00:04

Tgt Ion:330 Resp: 651736
Ion Ratio Lower Upper
330 100
332 103.5 82.6 124.0
141 31.8 27.6 41.4

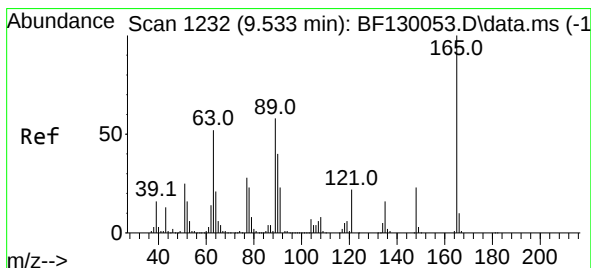
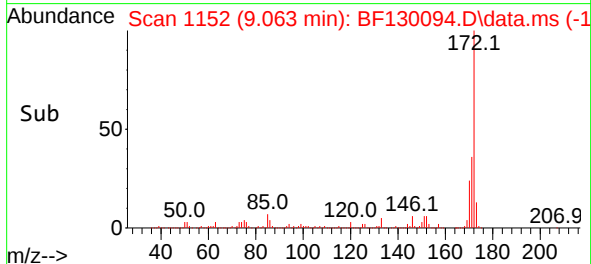
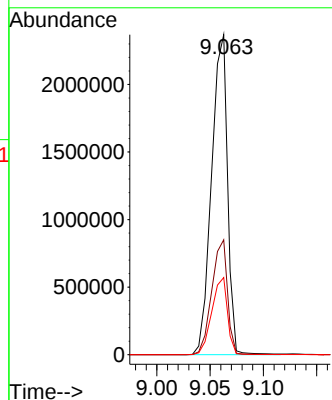
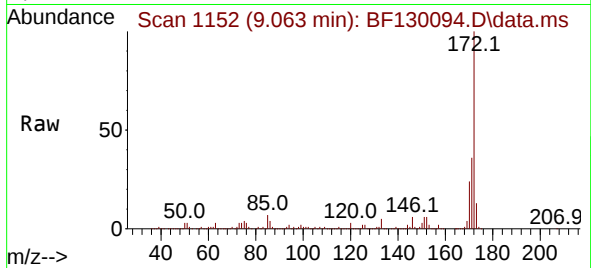




#45
2-Fluorobiphenyl
Concen: 78.534 ng
RT: 9.063 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130094.D
Acq: 02 Sep 2022 00:04

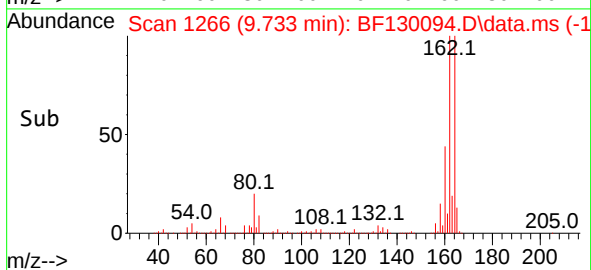
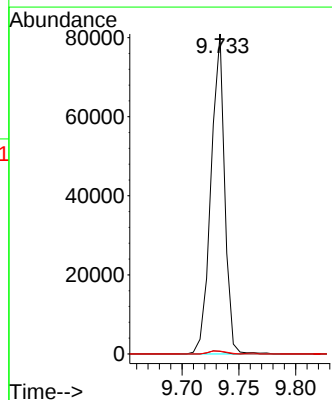
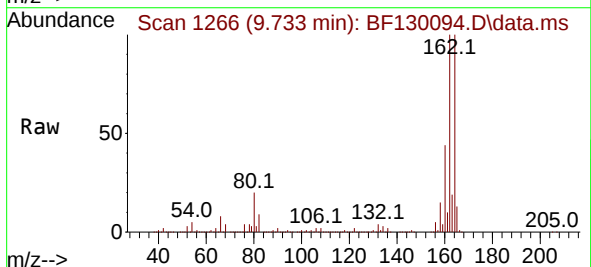
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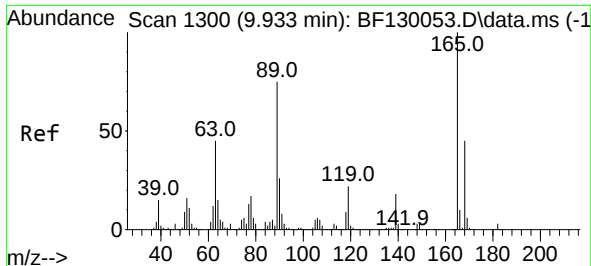
Tgt Ion:172 Resp: 2468829
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.1 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 9.787 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.200 min
Lab File: BF130094.D
Acq: 02 Sep 2022 00:04

Tgt Ion:165 Resp: 67737
Ion Ratio Lower Upper
165 100
63 0.8 47.8 71.8#
89 0.9 47.2 70.8#

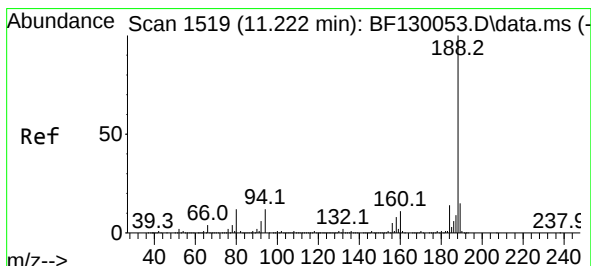
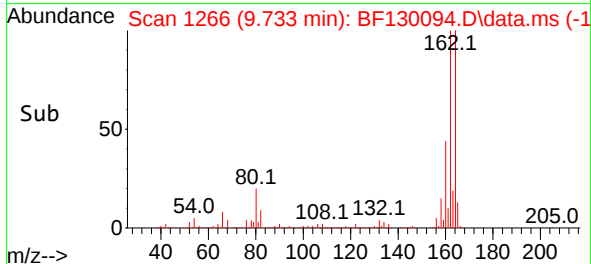
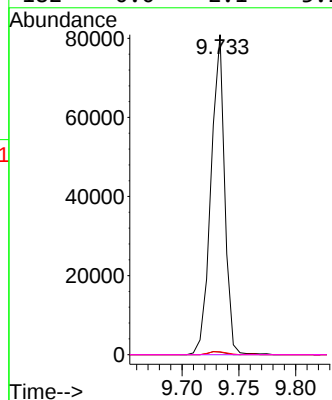
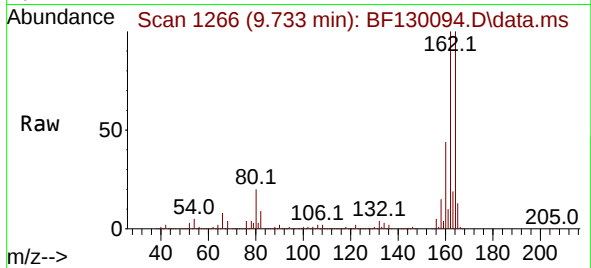




#57
2,4-Dinitrotoluene
Concen: 8.500 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130094.D
Acq: 02 Sep 2022 00:04

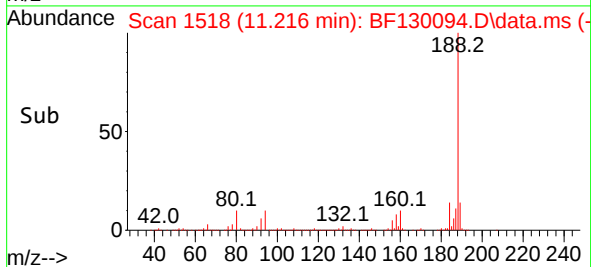
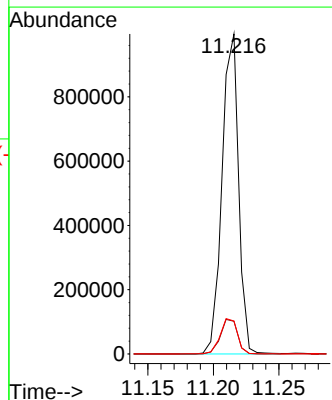
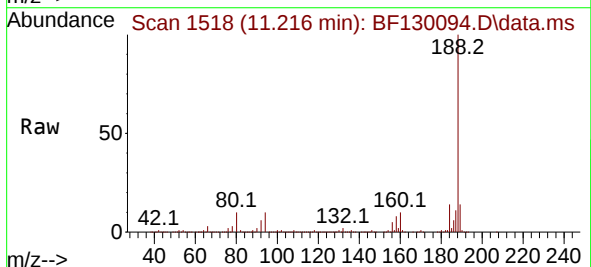
Instrument :
BNA_F
ClientSampleId :
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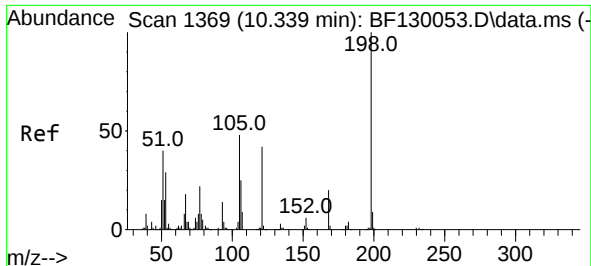
Tgt	Ion:165	Resp:	67737
Ion	Ratio	Lower	Upper
165	100		
63	0.8	48.4	72.6#
89	0.9	62.3	93.5#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF130094.D
Acq: 02 Sep 2022 00:04

Tgt Ion:188	Resp:	871816	
Ion Ratio	Lower	Upper	
188	100		
94	10.2	7.4	11.2
80	10.3	7.9	11.9

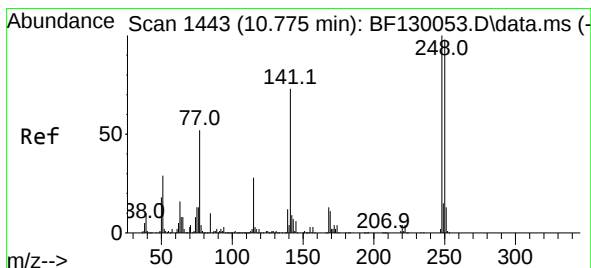
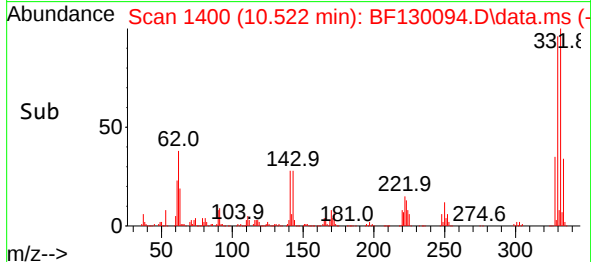
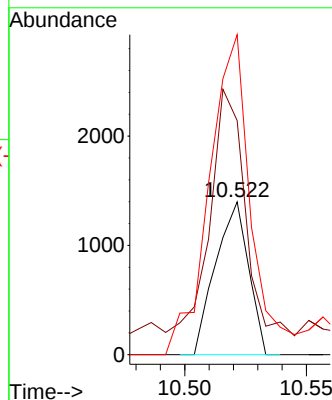
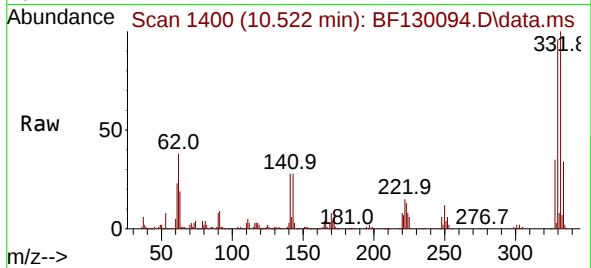




#65
4,6-Dinitro-2-methylphenol
Concen: 6.360 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.183 min
Lab File: BF130094.D
Acq: 02 Sep 2022 00:04

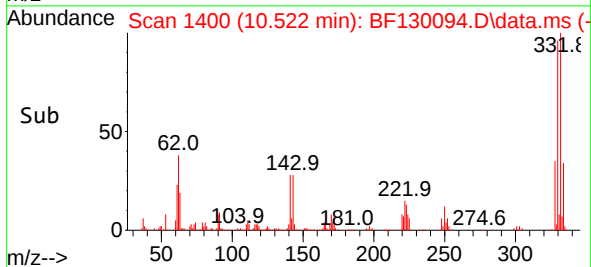
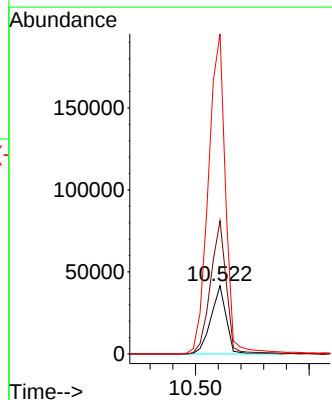
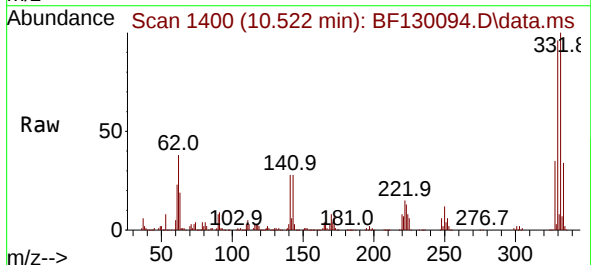
Instrument :
BNA_F
ClientSampleId :
KTS2-WC-S-TR-01-02-03

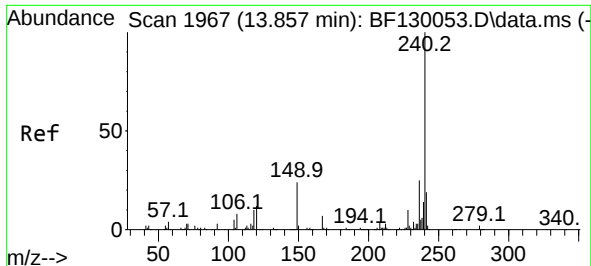
Tgt Ion:198 Resp: 1316
Ion Ratio Lower Upper
198 100
51 153.2 29.4 69.4#
105 209.4 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 4.012 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.253 min
Lab File: BF130094.D
Acq: 02 Sep 2022 00:04

Tgt Ion:248 Resp: 38905
Ion Ratio Lower Upper
248 100
250 195.2 77.8 116.6#
141 469.3 66.2 99.2#

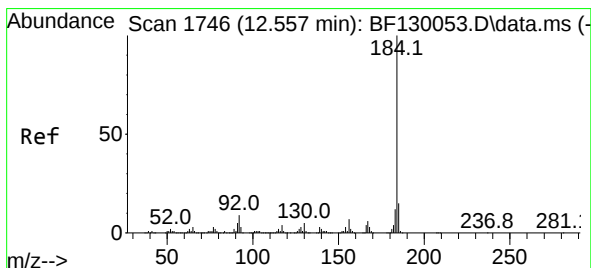
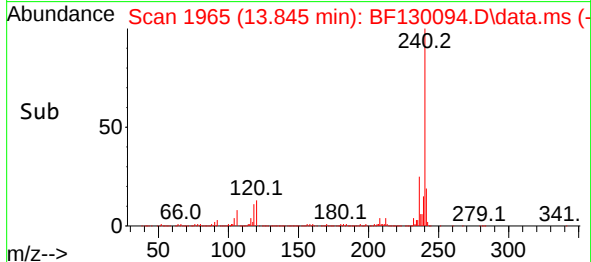
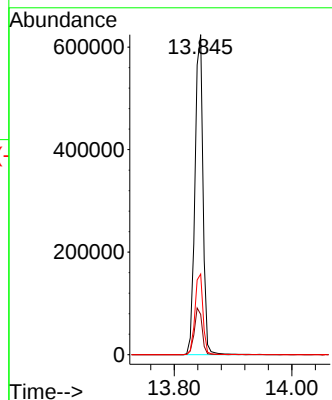
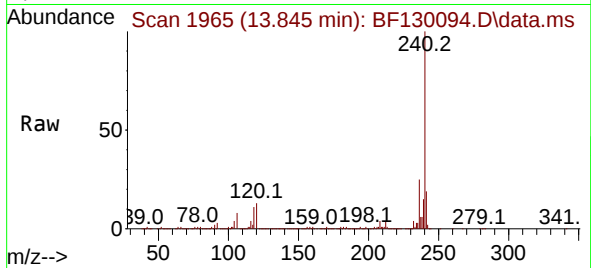




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130094.D
Acq: 02 Sep 2022 00:04

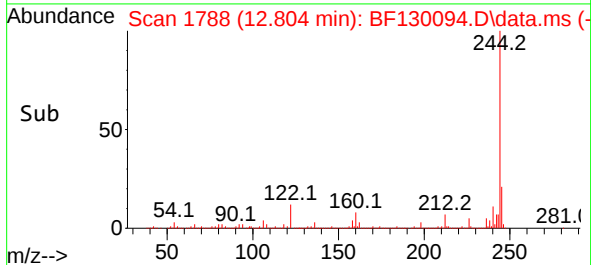
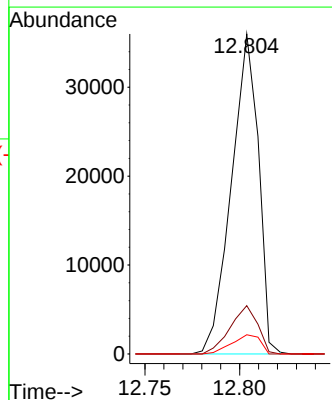
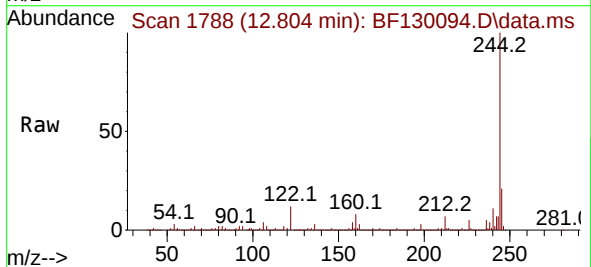
Instrument :
BNA_F
ClientSampleId :
KTS2-WC-S-TR-01-02-03

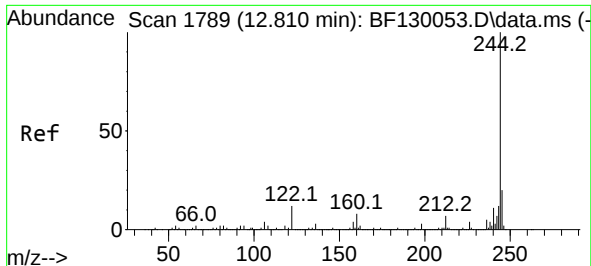
Tgt Ion:240 Resp: 588930
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 25.2 20.7 31.1



#77
Benidine
Concen: 2.246 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130094.D
Acq: 02 Sep 2022 00:04

Tgt Ion:184 Resp: 35717
Ion Ratio Lower Upper
184 100
185 15.1 11.4 17.2
183 6.0 9.4 14.2#

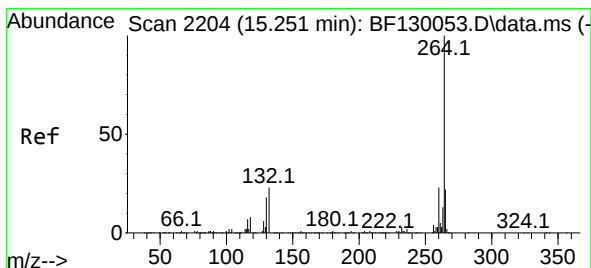
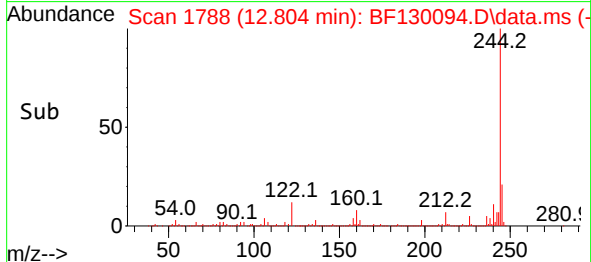
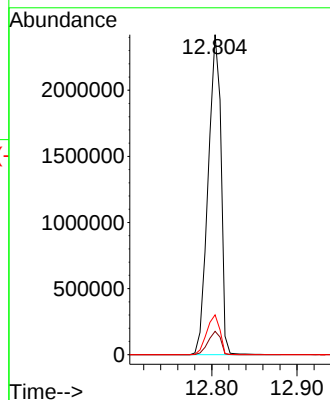
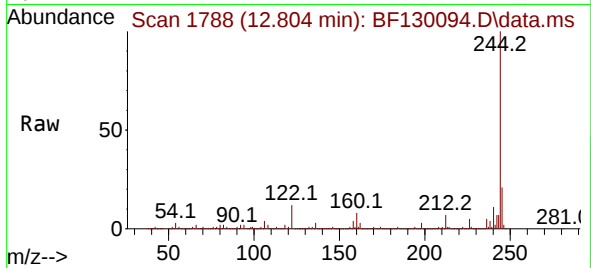




#79
 Terphenyl-d14
 Concen: 74.387 ng
 RT: 12.804 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130094.D
 Acq: 02 Sep 2022 00:04

Instrument :
 BNA_F
 ClientSampleId :
 KTS2-WC-S-TR-01-02-03

Tgt Ion:244 Resp: 2526275
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.4 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.245 min Scan# 2203
 Delta R.T. -0.006 min
 Lab File: BF130094.D
 Acq: 02 Sep 2022 00:04

Tgt Ion:264 Resp: 478330
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.0 16.7 25.1

