

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130089.D
 Acq On : 01 Sep 2022 21:24
 Operator : CG\JU
 Sample : N4389-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 265393-4

Quant Time: Sep 02 04:04:58 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)

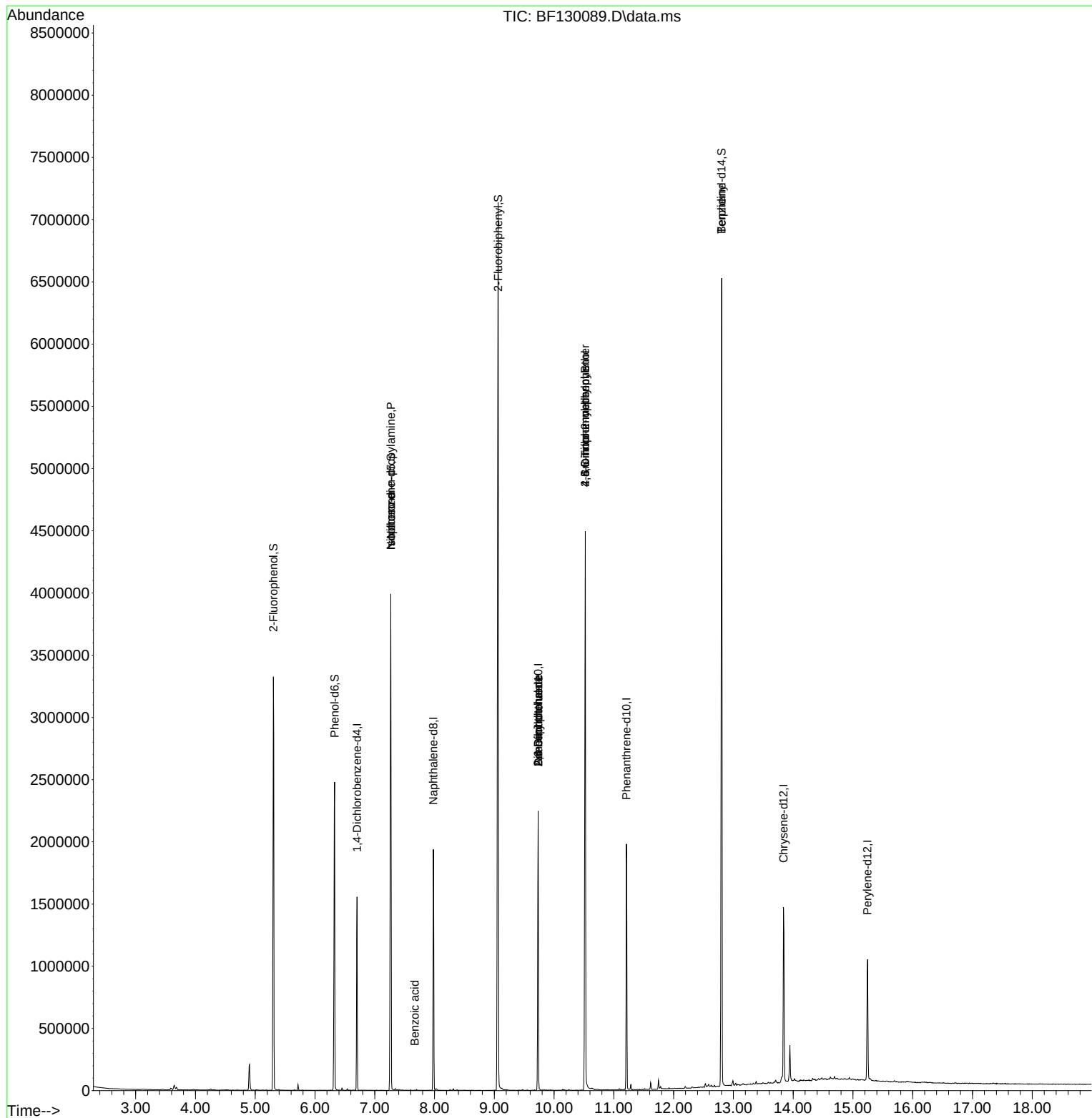
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	222748	20.000	ng	0.00
21) Naphthalene-d8	7.980	136	867678	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	454073	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	725166	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	464012	20.000	ng	#-0.02
86) Perylene-d12	15.245	264	407196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1032762	78.711	ng	0.00
7) Phenol-d6	6.328	99	902815	55.191	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1427866	105.757	ng	-0.01
42) 2,4,6-Tribromophenol	10.521	330	574095	138.894	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2552349	93.194	ng	0.00
79) Terphenyl-d14	12.804	244	2390408	89.335	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	185875	18.861	ng	# 73
25) Isophorone	7.269	82	1423440	52.090	ng	# 65
32) Benzoic acid	7.669	122	294	6.599	ng	87
50) Dimethylphthalate	9.733	163	84648	2.737	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	58461	9.695	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	58461	8.421	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.521	198	1437	6.448	ng	# 3
67) 4-Bromophenyl-phenylether	10.521	248	34969	4.335	ng	# 1
77) Benzidine	12.804	184	33108	2.643	ng	# 89

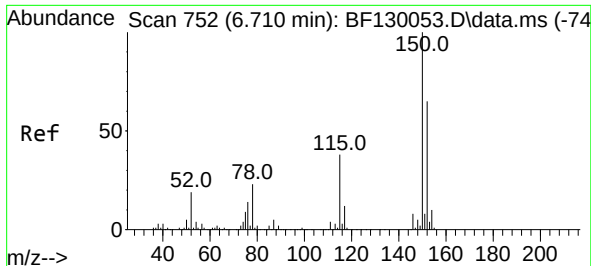
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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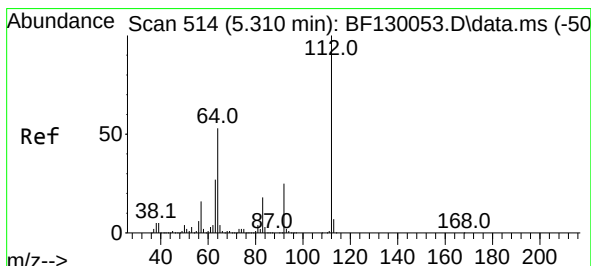
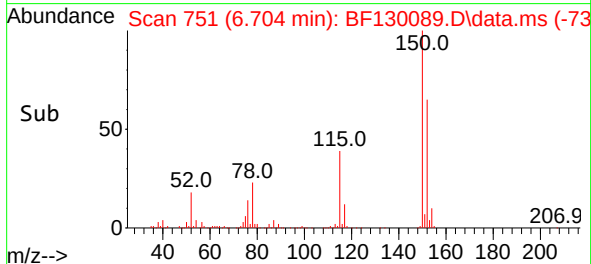
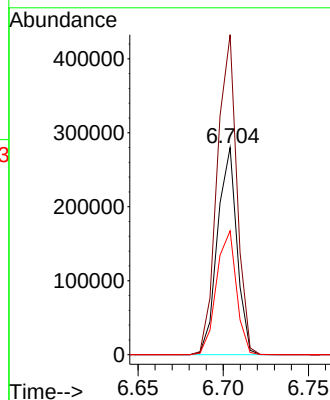
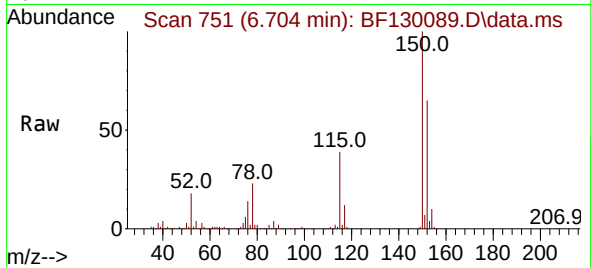




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: BF130089.D
 Acq: 01 Sep 2022 21:24

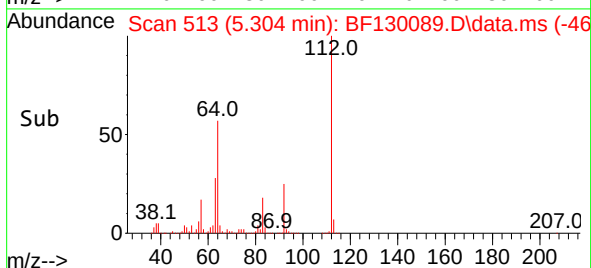
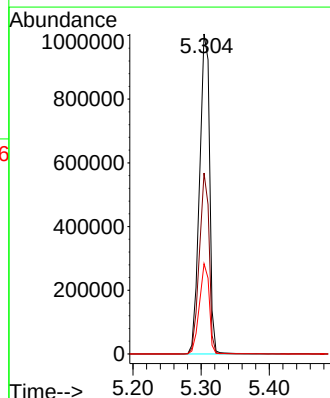
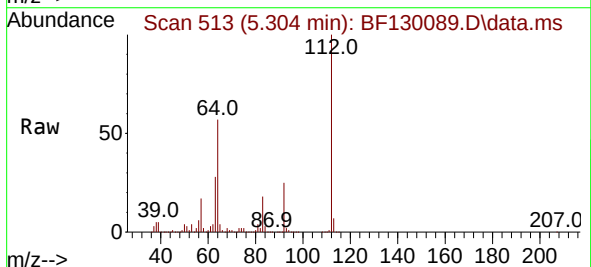
Instrument :
 BNA_F
 ClientSampleId :
 265393-4

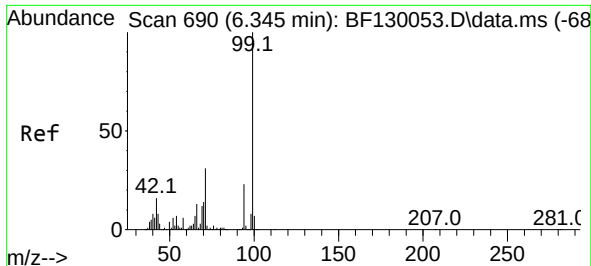
Tgt Ion:152 Resp: 222748
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.9 190.3
 115 59.8 53.4 80.0



#5
 2-Fluorophenol
 Concen: 78.711 ng
 RT: 5.304 min Scan# 513
 Delta R.T. -0.006 min
 Lab File: BF130089.D
 Acq: 01 Sep 2022 21:24

Tgt Ion:112 Resp: 1032762
 Ion Ratio Lower Upper
 112 100
 64 56.6 47.6 71.4
 63 28.2 24.6 37.0

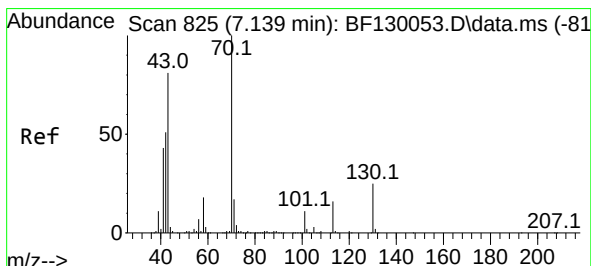
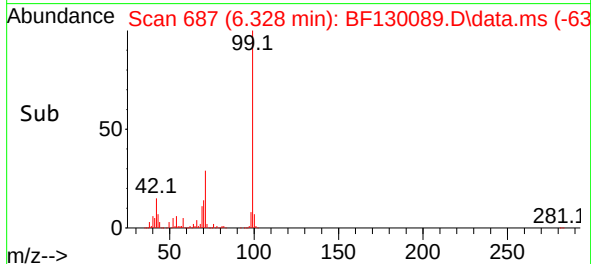
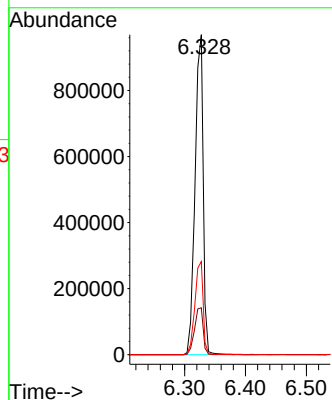
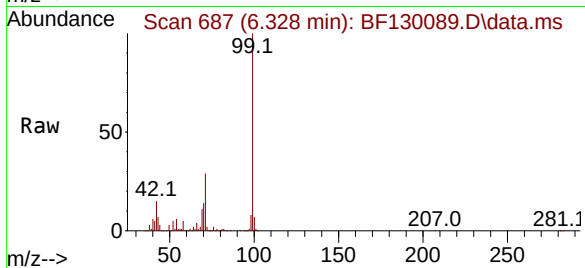




#7
Phenol-d6
Concen: 55.191 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

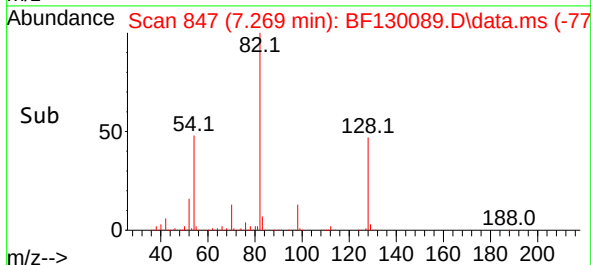
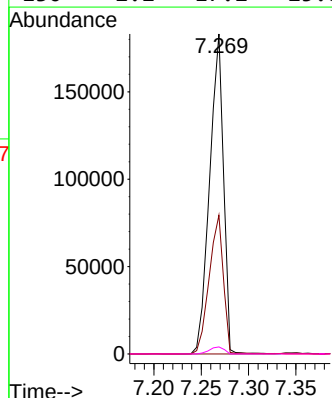
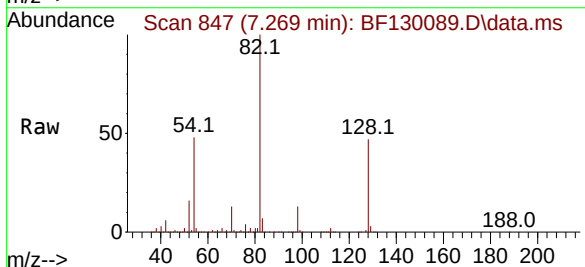
Instrument :
BNA_F
ClientSampleId :
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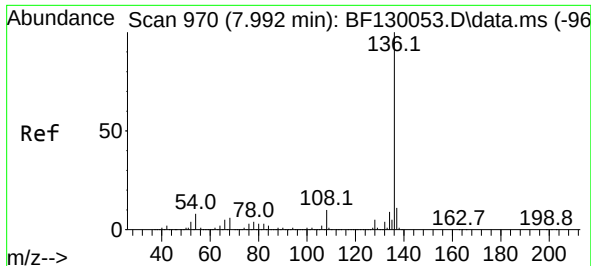
Tgt Ion: 99 Resp: 902815
Ion Ratio Lower Upper
99 100
42 14.7 15.0 22.4#
71 29.1 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.861 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

Tgt Ion: 70 Resp: 185875
Ion Ratio Lower Upper
70 100
42 43.3 47.6 71.4#
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#

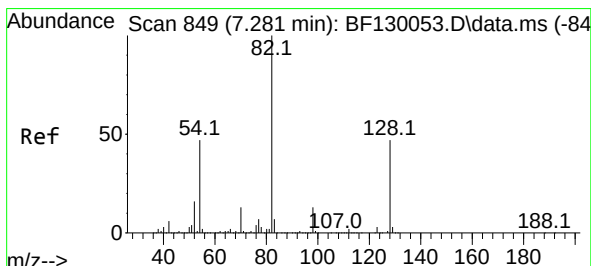
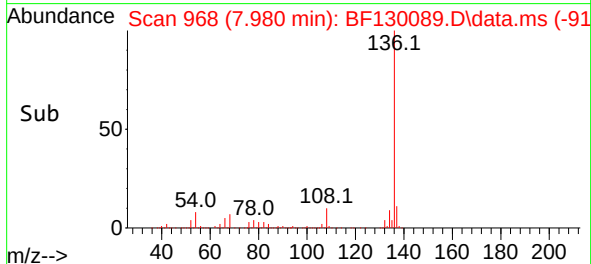
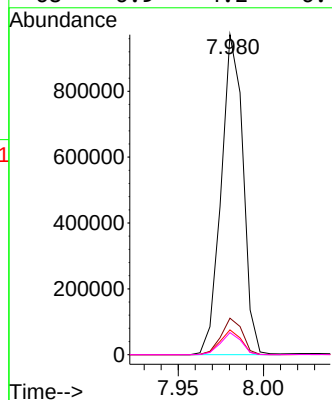
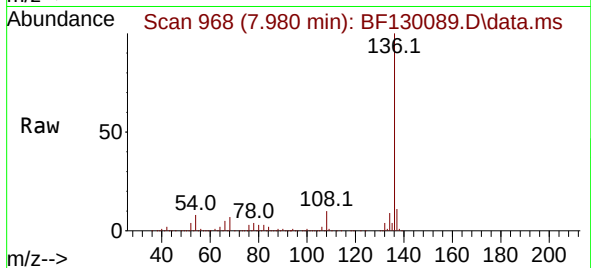




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.980 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

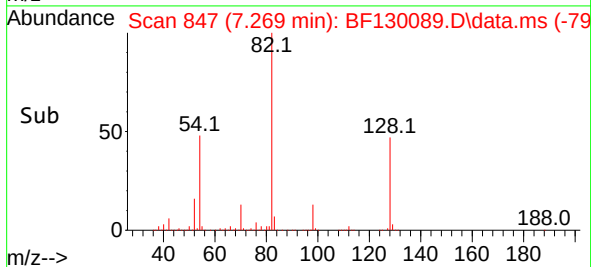
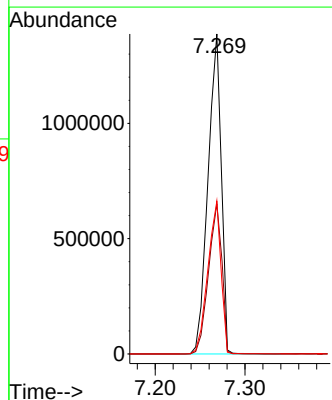
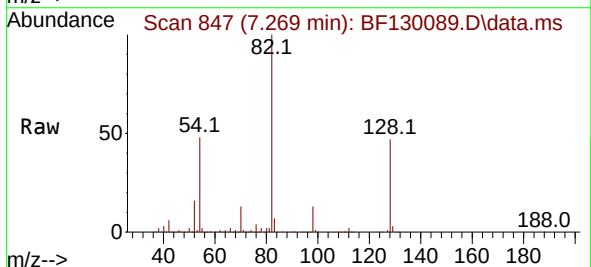
Instrument :
BNA_F
ClientSampleId :
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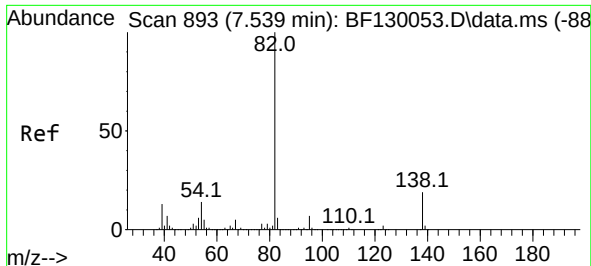
Tgt Ion:136 Resp: 867678
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 7.8 6.2 9.2
68 6.9 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 105.757 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

Tgt Ion: 82 Resp: 1427866
Ion Ratio Lower Upper
82 100
128 46.9 36.1 54.1
54 47.7 40.0 60.0

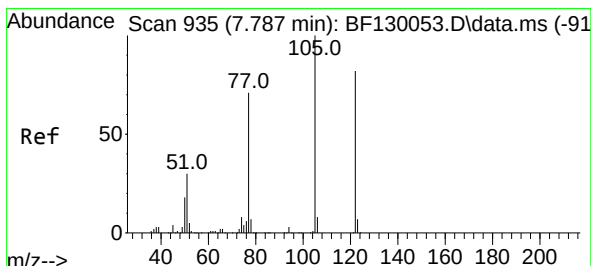
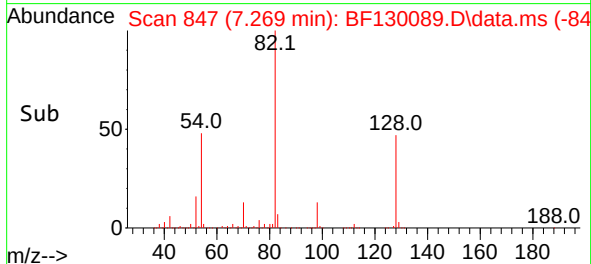
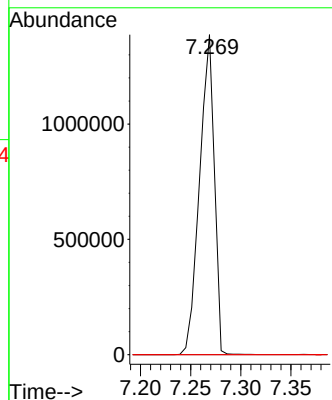
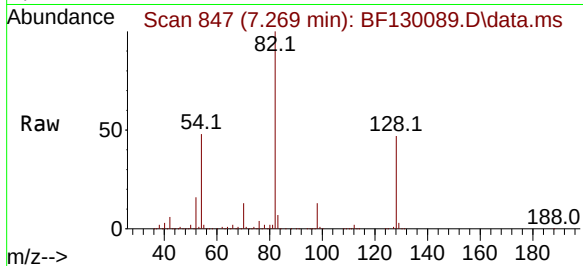




#25
Isophorone
Concen: 52.090 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

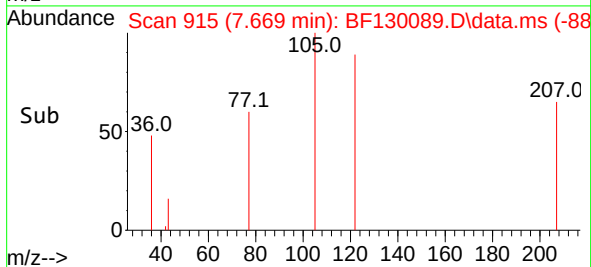
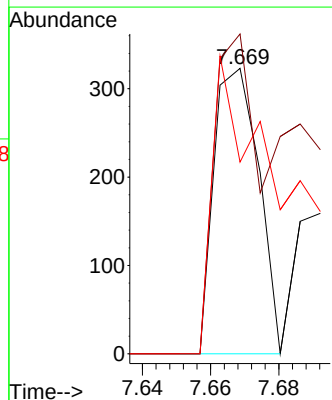
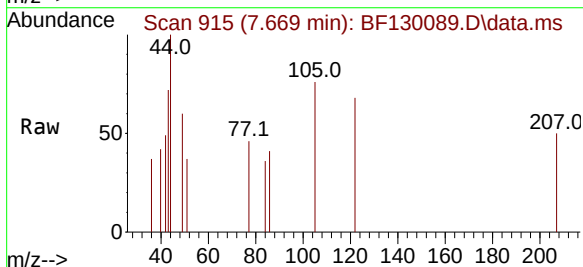
Instrument :
BNA_F
ClientSampleId :
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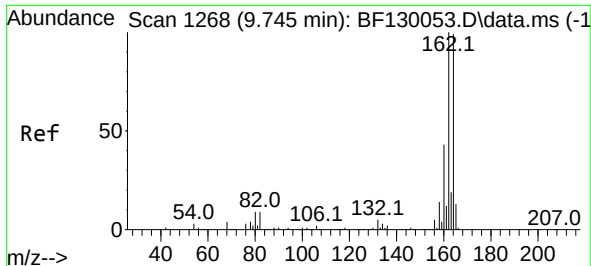
Tgt Ion: 82 Resp: 1423440
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.599 ng
RT: 7.669 min Scan# 915
Delta R.T. -0.118 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

Tgt Ion:122 Resp: 294
Ion Ratio Lower Upper
122 100
105 112.1 99.9 139.9
77 67.2 65.9 105.9

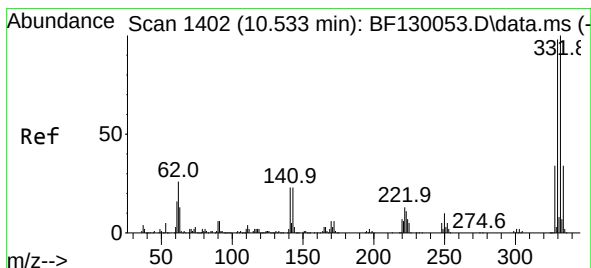
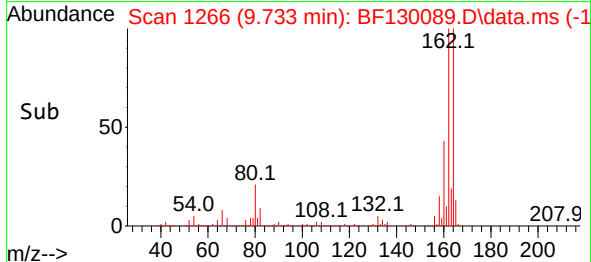
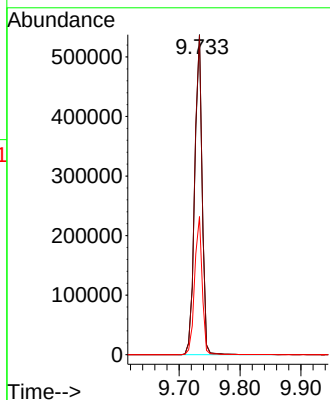
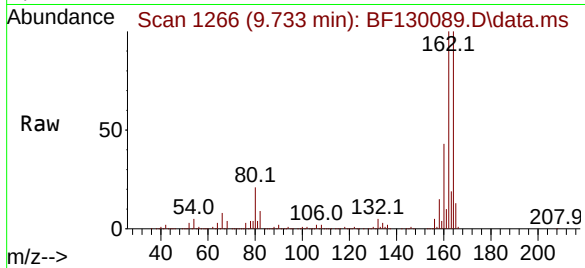




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

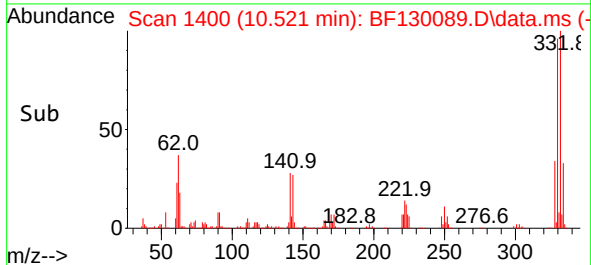
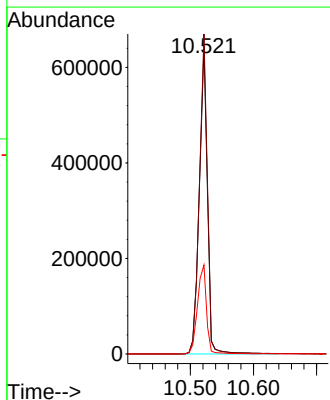
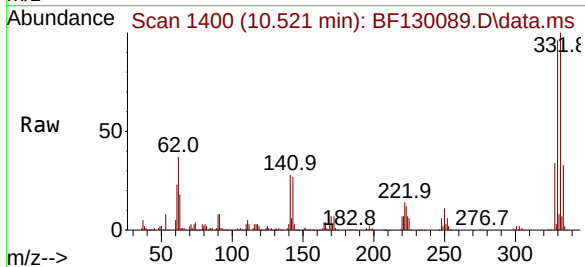
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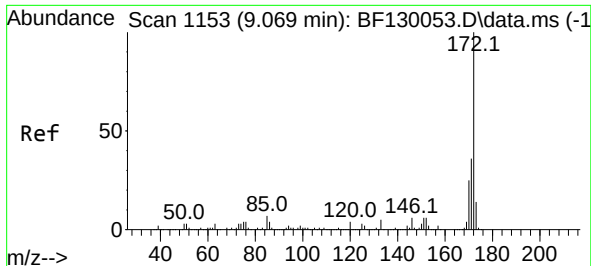
Tgt Ion:164 Resp: 454073
Ion Ratio Lower Upper
164 100
162 99.8 82.0 123.0
160 43.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 138.894 ng
RT: 10.521 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

Tgt Ion:330 Resp: 574095
Ion Ratio Lower Upper
330 100
332 103.5 82.6 124.0
141 32.3 27.6 41.4

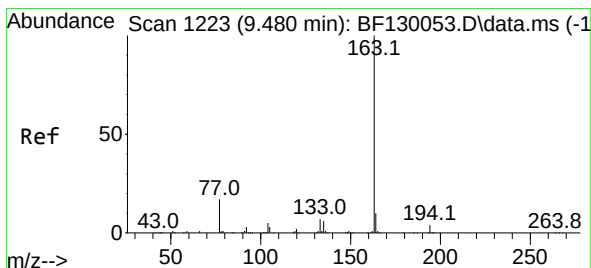
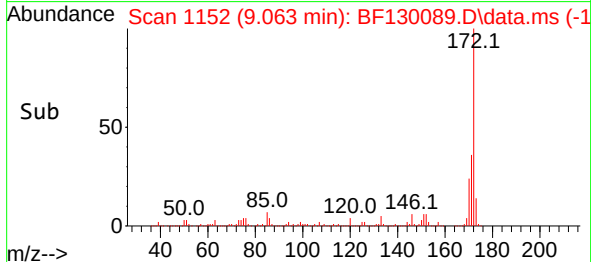
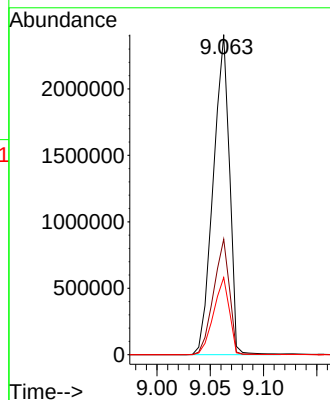
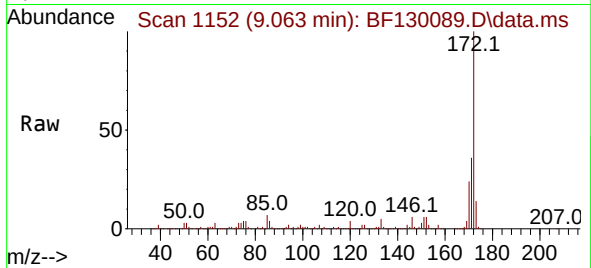




#45
2-Fluorobiphenyl
Concen: 93.194 ng
RT: 9.063 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

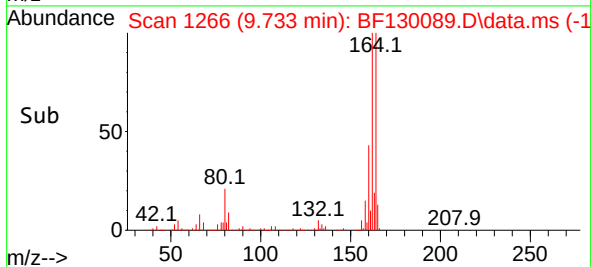
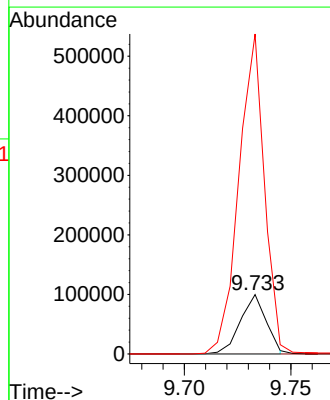
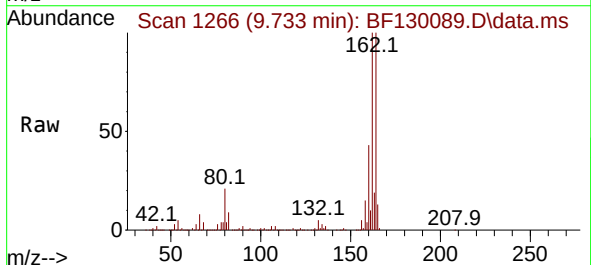
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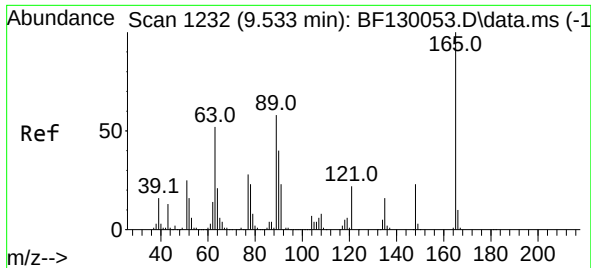
Tgt Ion:172 Resp: 2552349
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 24.1 19.1 28.7



#50
Dimethylphthalate
Concen: 2.737 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.253 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

Tgt Ion:163 Resp: 84648
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 539.3 8.2 12.2#

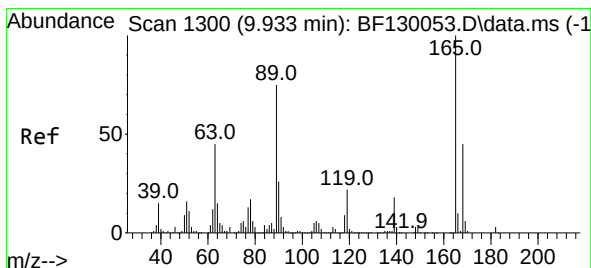
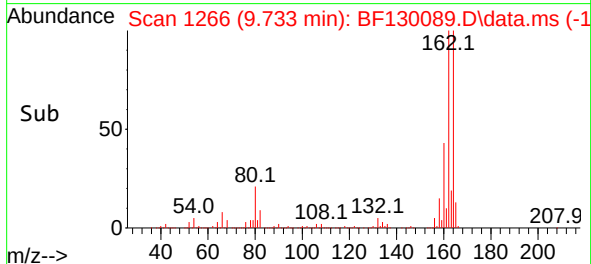
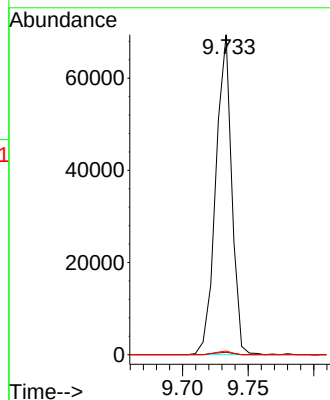
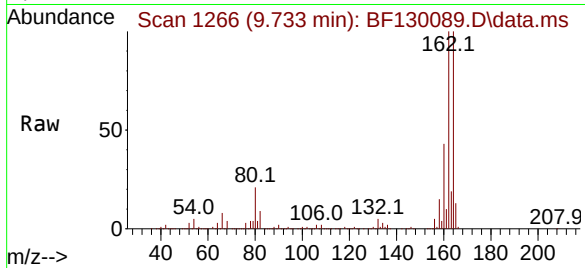




#51
2,6-Dinitrotoluene
Concen: 9.695 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.200 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

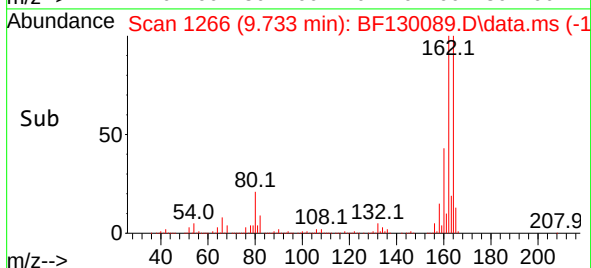
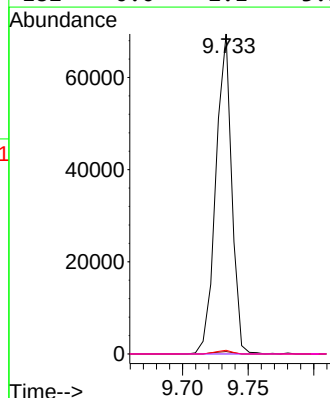
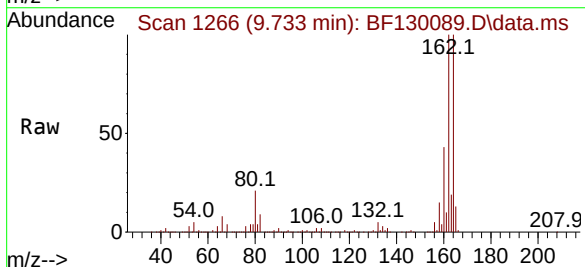
Instrument :
BNA_F
ClientSampleId :
265393-4

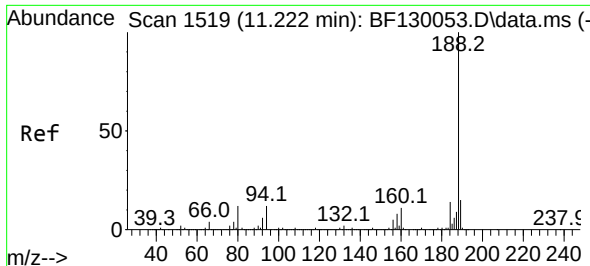
Tgt Ion:165 Resp: 58461
Ion Ratio Lower Upper
165 100
63 0.8 47.8 71.8#
89 1.2 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 8.421 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.200 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

Tgt Ion:165 Resp: 58461
Ion Ratio Lower Upper
165 100
63 0.8 48.4 72.6#
89 1.2 62.3 93.5#
182 0.0 2.1 3.1#

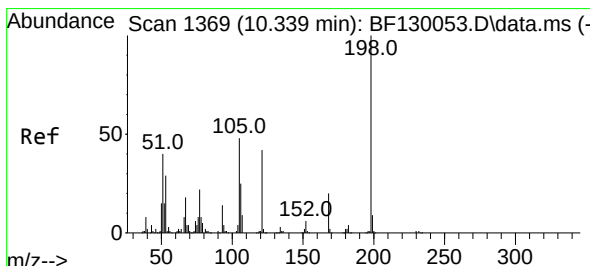
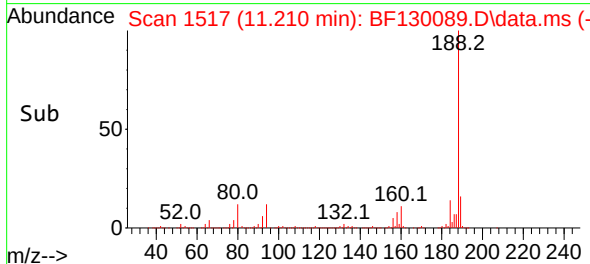
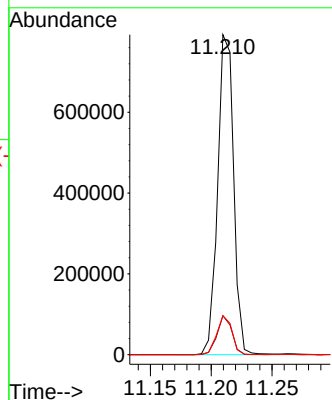
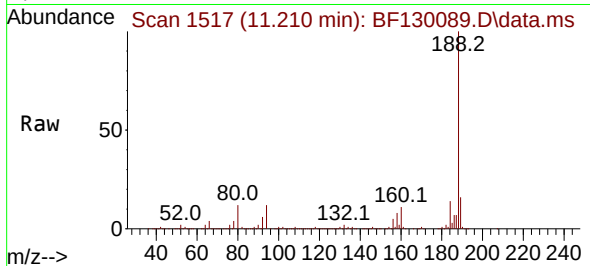




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

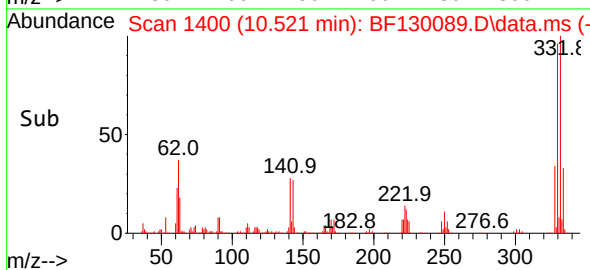
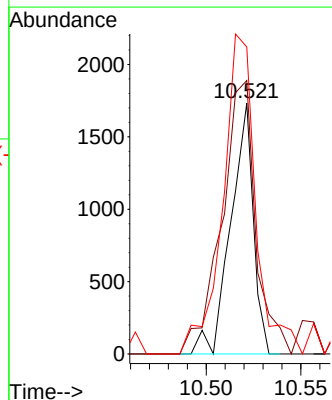
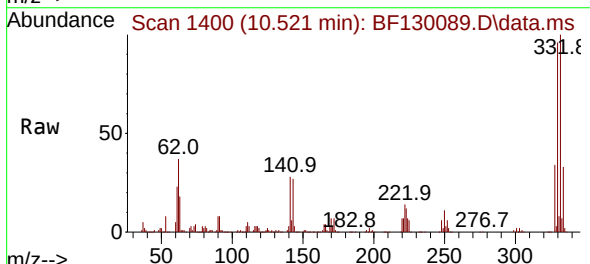
Instrument :
BNA_F
ClientSampleId :
265393-4

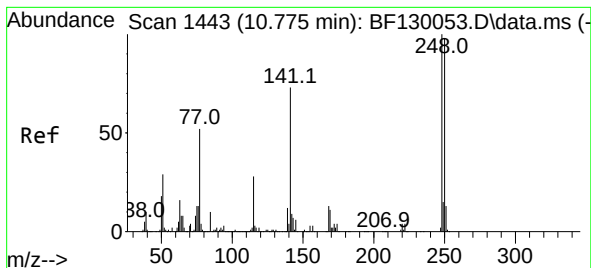
Tgt Ion:188 Resp: 725166
Ion Ratio Lower Upper
188 100
94 12.1 7.4 11.2#
80 12.2 7.9 11.9#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.448 ng
RT: 10.521 min Scan# 1400
Delta R.T. 0.182 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

Tgt Ion:198 Resp: 1437
Ion Ratio Lower Upper
198 100
51 108.9 29.4 69.4#
105 122.3 29.2 69.2#

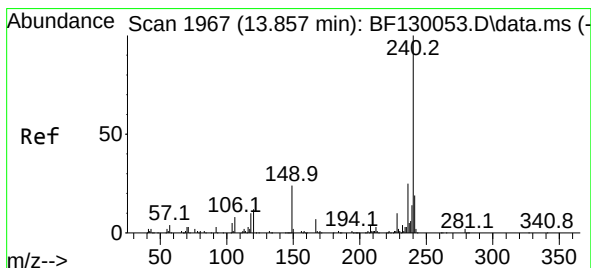
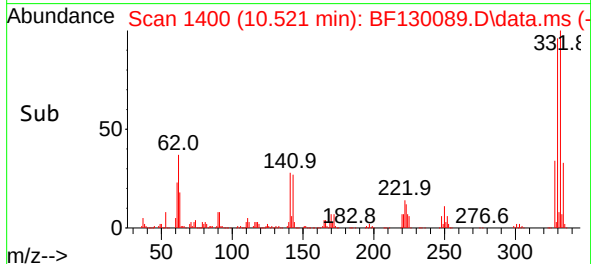
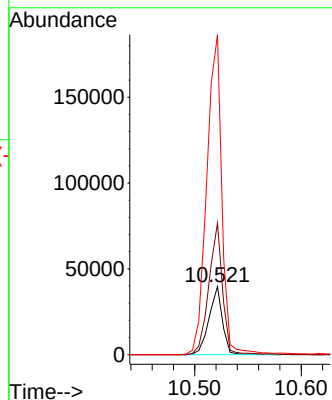
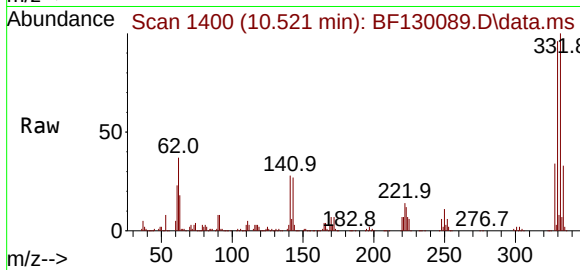




#67
4-Bromophenyl-phenylether
Concen: 4.335 ng
RT: 10.521 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

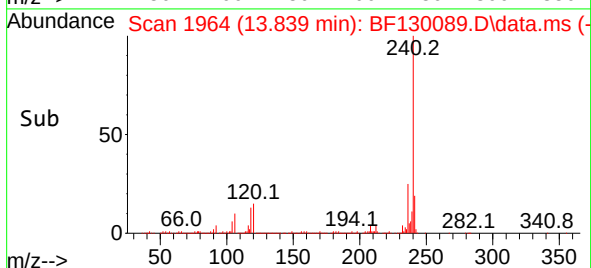
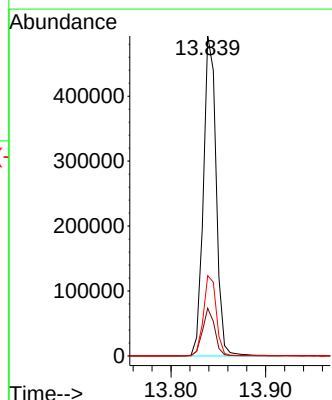
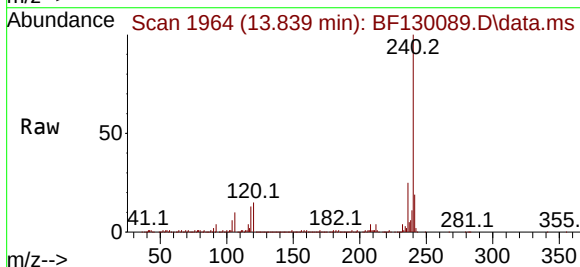
Instrument :
BNA_F
ClientSampleId :
265393-4

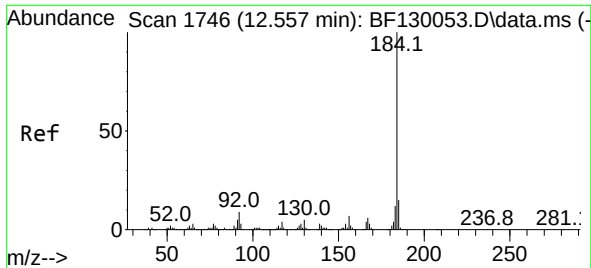
Tgt Ion:248 Resp: 34969
Ion Ratio Lower Upper
248 100
250 193.3 77.8 116.6#
141 469.7 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

Tgt Ion:240 Resp: 464012
Ion Ratio Lower Upper
240 100
120 14.9 9.2 13.8#
236 25.1 20.7 31.1

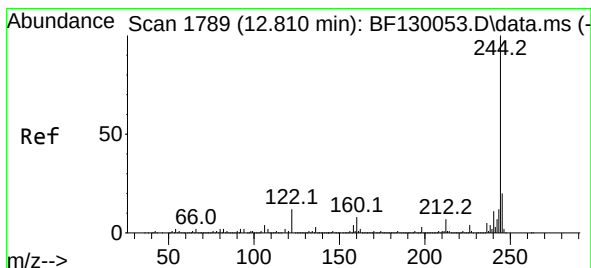
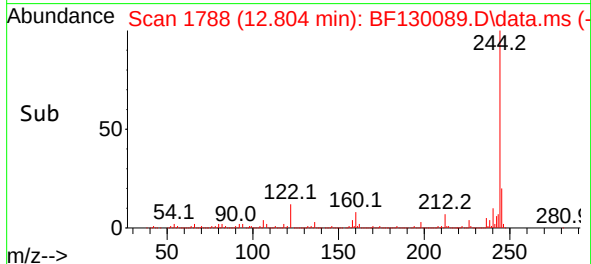
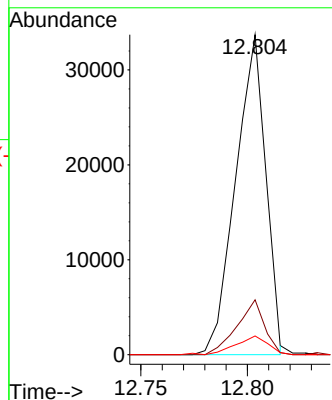
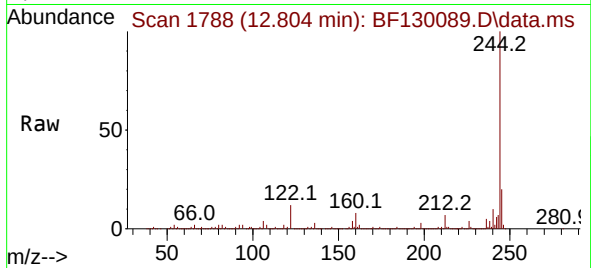




#77
Benzidine
Concen: 2.643 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

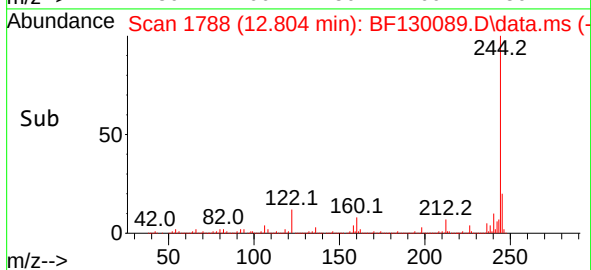
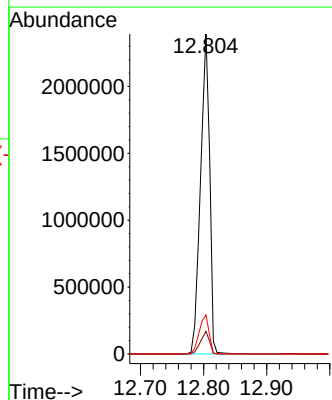
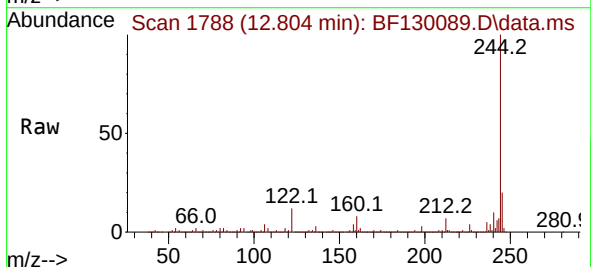
Instrument :
BNA_F
ClientSampleId :
265393-4

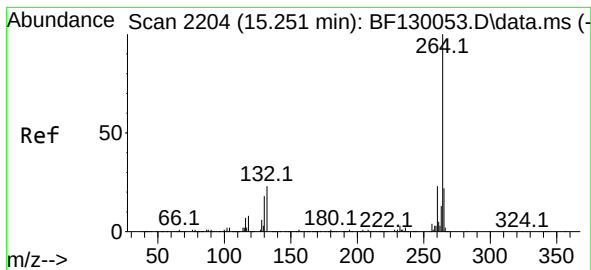
Tgt Ion:184 Resp: 33108
Ion Ratio Lower Upper
184 100
185 17.2 11.4 17.2
183 5.9 9.4 14.2#



#79
Terphenyl-d14
Concen: 89.335 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

Tgt Ion:244 Resp: 2390408
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 12.2 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.245 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130089.D
 Acq: 01 Sep 2022 21:24

Instrument :
 BNA_F
 ClientSampleId :
 265393-4

Tgt Ion:264 Resp: 407196
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 22.0 16.7 25.1

