

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012921\
 Data File : BF123089.D
 Acq On : 29 Jan 2021 18:47
 Operator : JU/CG
 Sample : M1263-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0054-051-COMP-H-ELUTRIATE

Quant Time: Jan 29 22:37:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

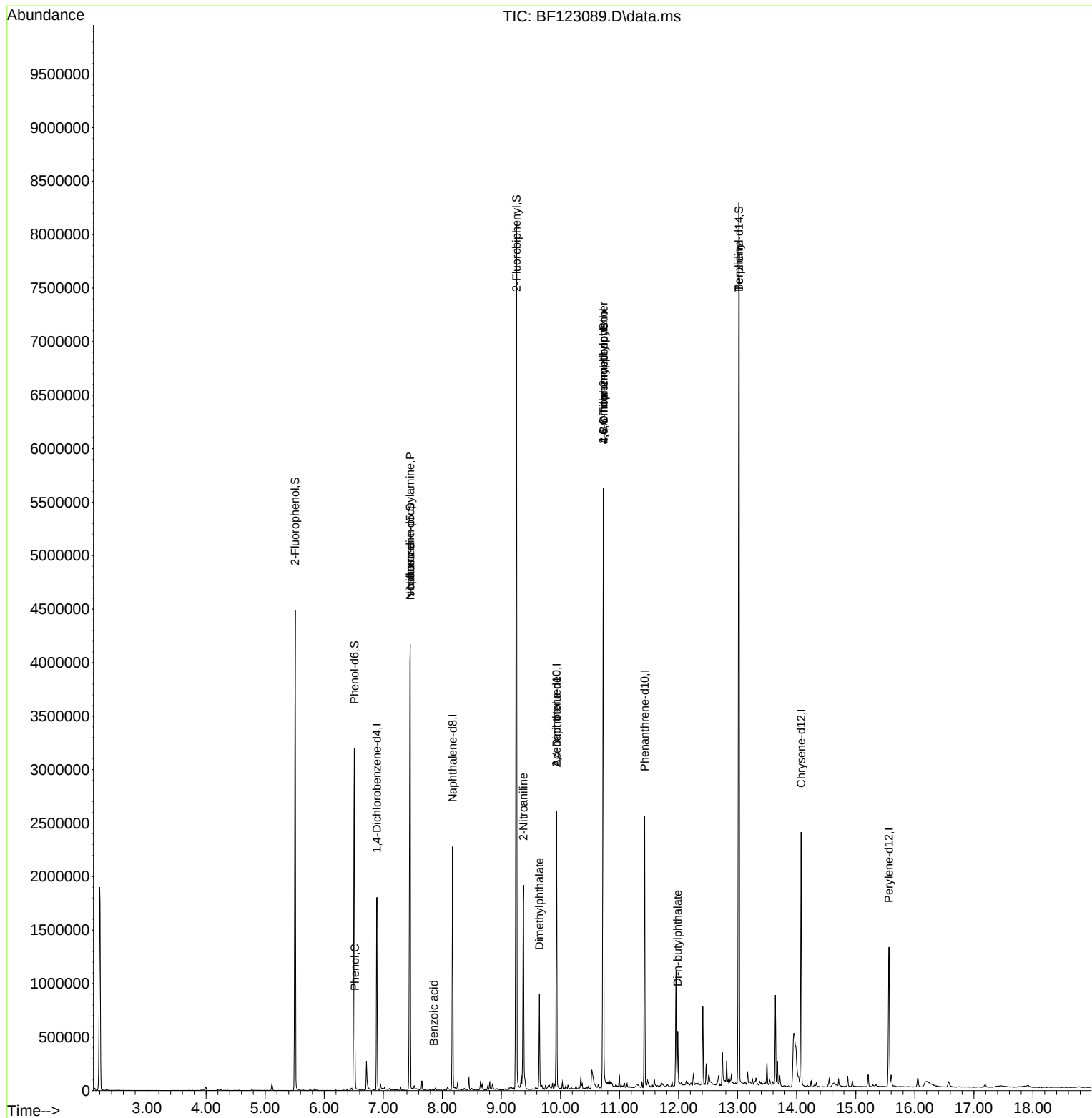
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	252309	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	973996	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	517979	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	948466	20.00	ng	0.00
76) Chrysene-d12	14.074	240	759751	20.00	ng	-0.01
86) Perylene-d12	15.562	264	585769	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1247147	76.25	ng	0.00
7) Phenol-d6	6.510	99	1128832	50.92	ng	0.00
23) Nitrobenzene-d5	7.457	82	1630090	84.23	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	787223	140.00	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2787516	80.00	ng	0.00
79) Terphenyl-d14	13.021	244	3134867	81.07	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.522	94	120255	5.47	ng	84
19) n-Nitroso-di-n-propyla...	7.457	70	221813	16.64	ng	# 79
25) Isophorone	7.457	82	1624142	45.81	ng	# 65
32) Benzoic acid	7.857	122	625	4.96	ng	# 78
48) 2-Nitroaniline	9.375	65	22346	2.07	ng	# 6
50) Dimethylphthalate	9.645	163	340897	8.39	ng	99
57) 2,4-Dinitrotoluene	9.933	165	66443	5.90	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	1595	5.25	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	49916	4.13	ng	# 1
74) Di-n-butylphthalate	11.986	149	213641	3.44	ng	98
77) Benzidine	13.021	184	41792	2.43	ng	95

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

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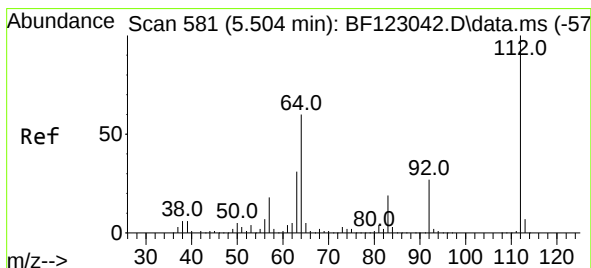
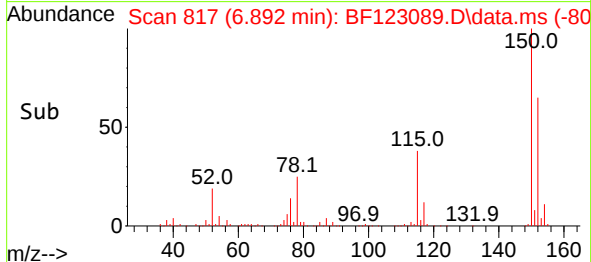
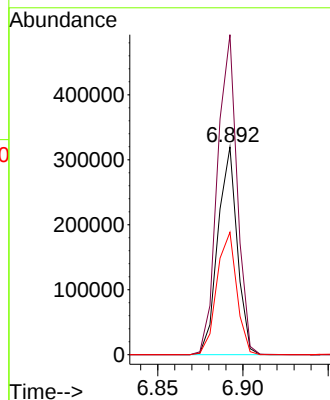
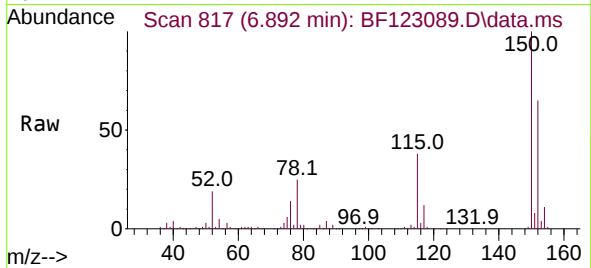




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF123089.D
 Acq: 29 Jan 2021 18:47

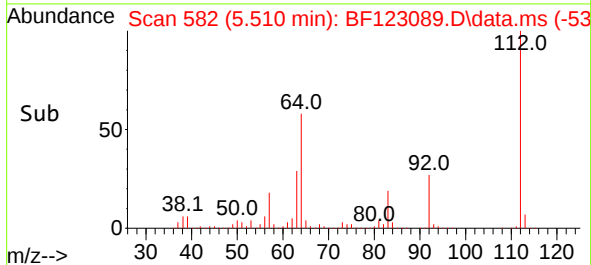
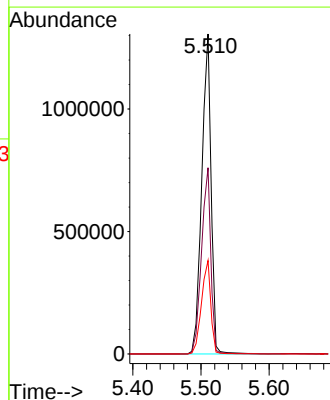
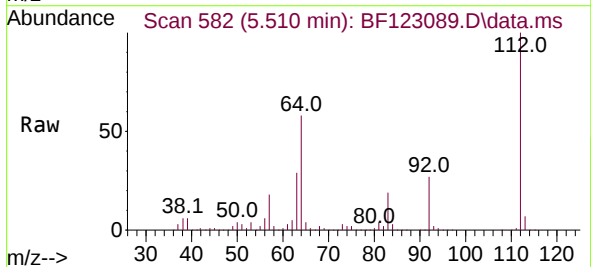
Instrument :
 BNA_F
 ClientSampleId :
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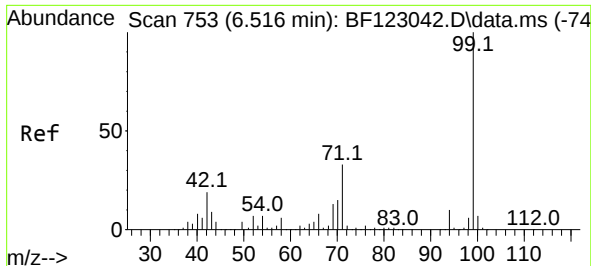
Tgt Ion:152 Resp: 252309
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.8 188.6
 115 58.9 49.3 73.9



#5
 2-Fluorophenol
 Concen: 76.25 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.006 min
 Lab File: BF123089.D
 Acq: 29 Jan 2021 18:47

Tgt Ion:112 Resp: 1247147
 Ion Ratio Lower Upper
 112 100
 64 58.2 46.9 70.3
 63 29.2 24.5 36.7

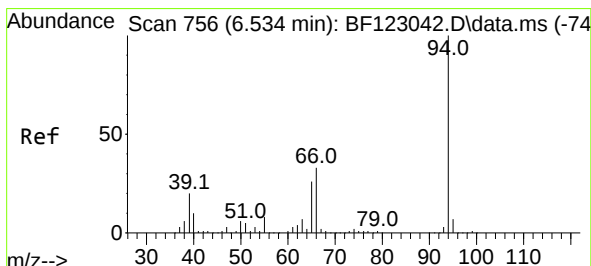
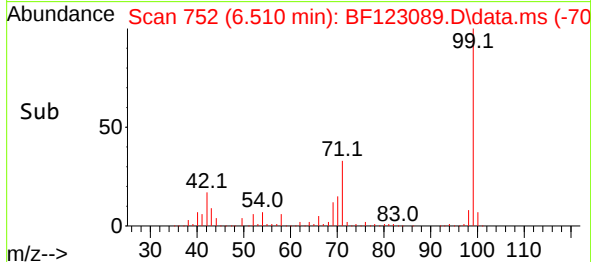
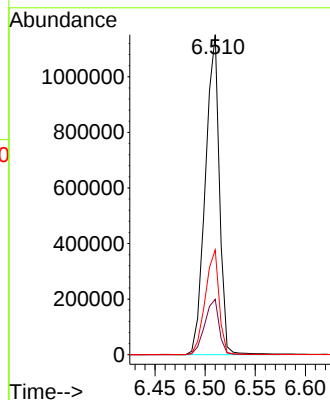
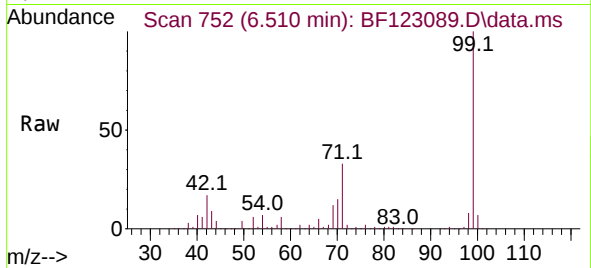




#7
Phenol-d6
Concen: 50.92 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

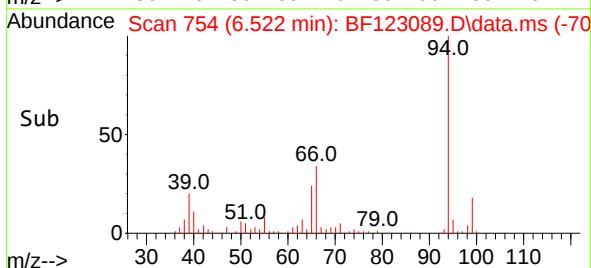
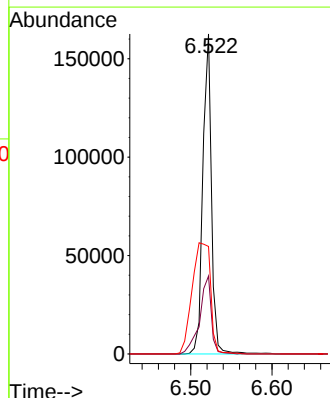
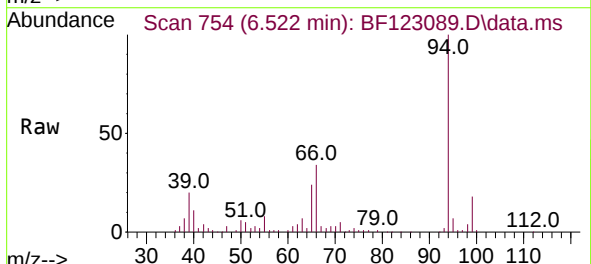
Instrument :
BNA_F
ClientSampleId :
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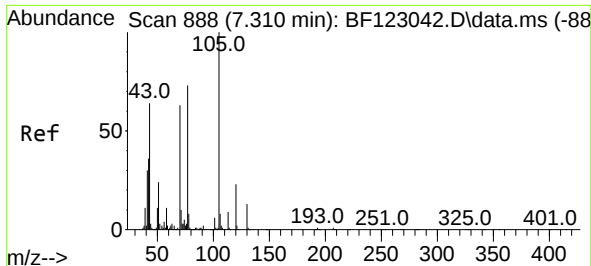
Tgt Ion: 99 Resp: 1128832
Ion Ratio Lower Upper
99 100
42 17.3 13.8 20.6
71 32.8 26.9 40.3



#10
Phenol
Concen: 5.47 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

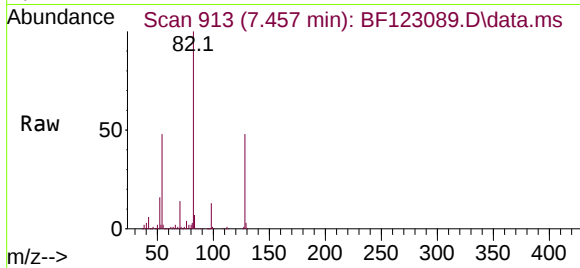
Tgt Ion: 94 Resp: 120255
Ion Ratio Lower Upper
94 100
65 24.4 11.2 51.2
66 33.6 25.8 65.8



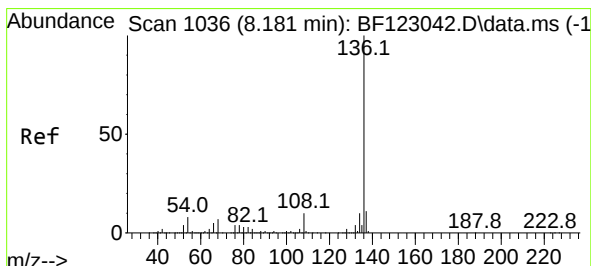
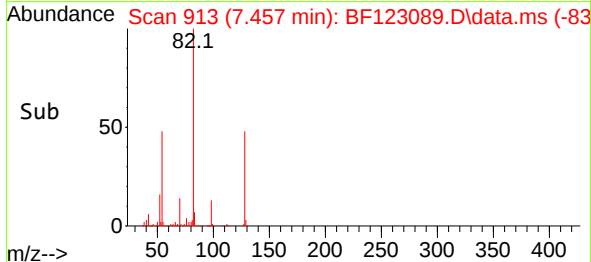
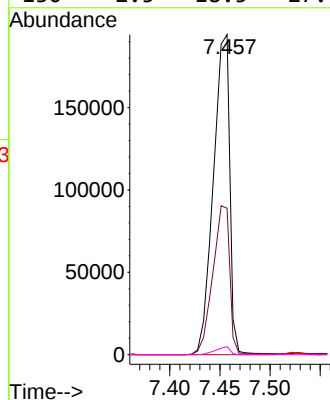


#19
n-Nitroso-di-n-propylamine
Concen: 16.64 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

Instrument :
BNA_F
ClientSampleId :
0054-051-COMP-H-ELUTRIATE

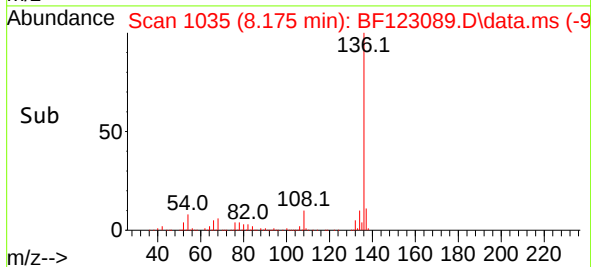
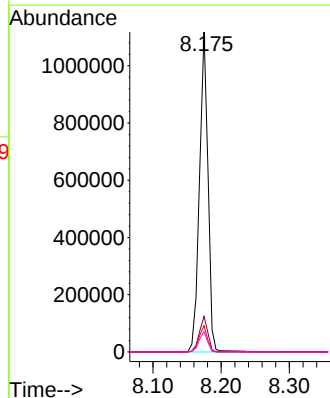
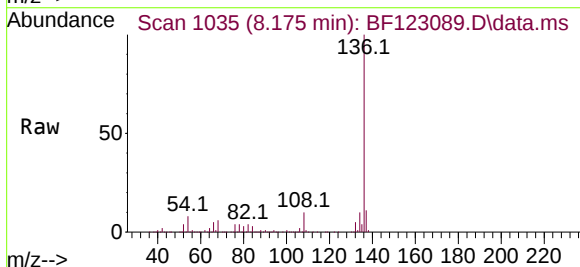


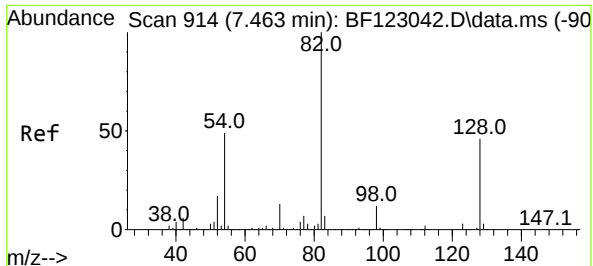
Tgt Ion: 70 Resp: 221813
Ion Ratio Lower Upper
70 100
42 45.8 43.0 64.4
101 0.0 7.9 11.9#
130 2.5 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

Tgt Ion: 136 Resp: 973996
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.2 5.5 8.3
68 6.3 4.6 6.8

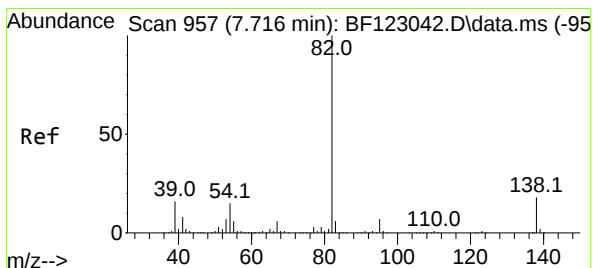
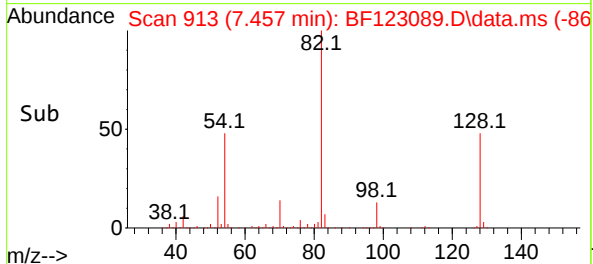
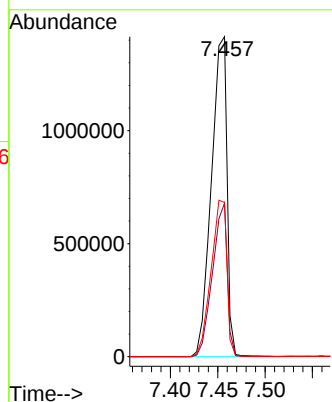
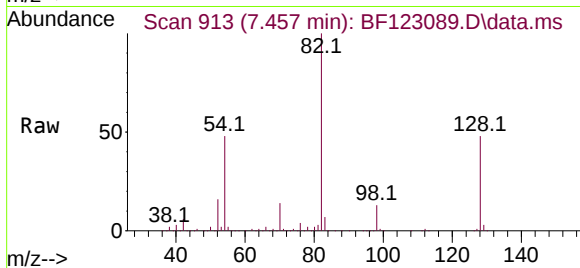




#23
Nitrobenzene-d5
Concen: 84.23 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

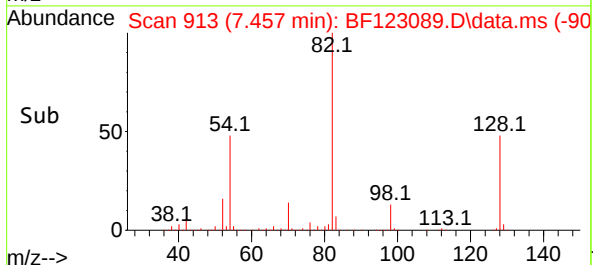
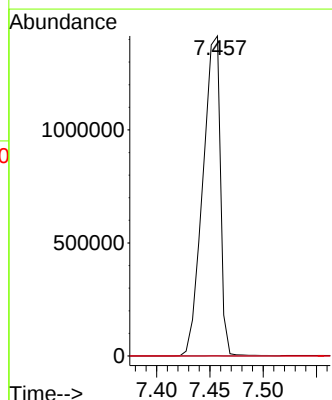
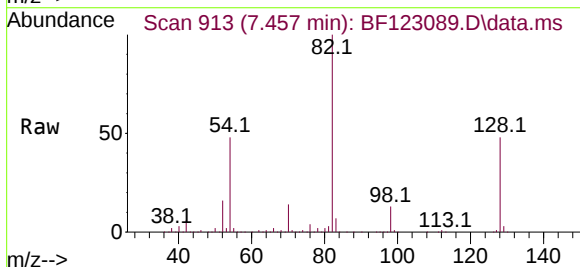
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ClientSampleId :
0054-051-COMP-H-ELUTRIATE

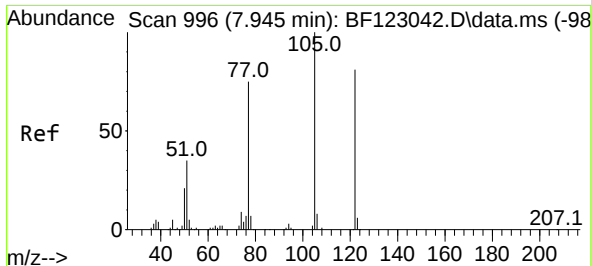
Tgt Ion: 82 Resp: 1630090
Ion Ratio Lower Upper
82 100
128 48.0 37.0 55.4
54 48.2 38.4 57.6



#25
Isophorone
Concen: 45.81 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.259 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

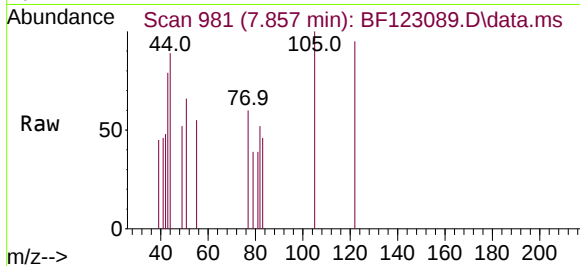
Tgt Ion: 82 Resp: 1624142
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



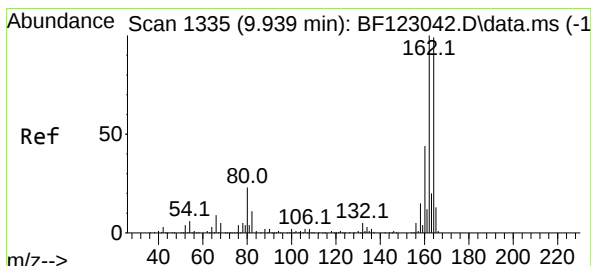
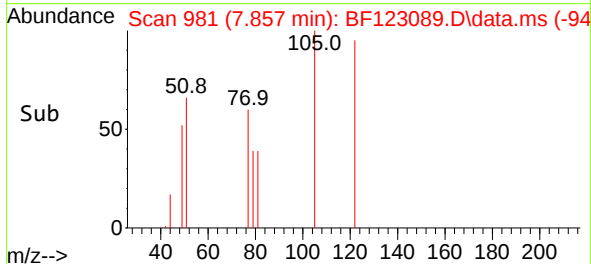
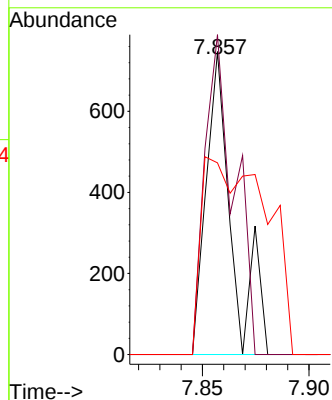


#32
Benzoic acid
Concen: 4.96 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.088 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

Instrument :
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ClientSampleId :
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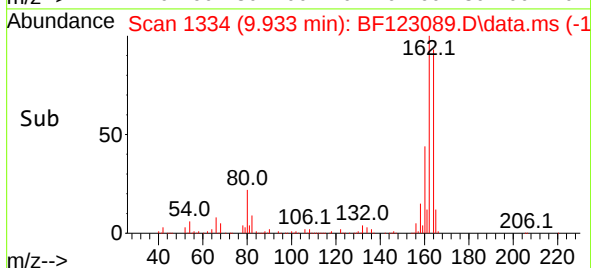
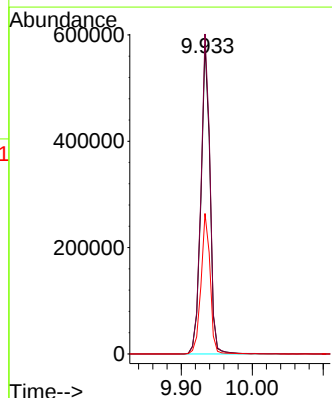
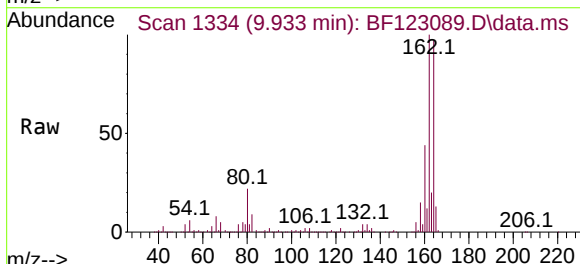


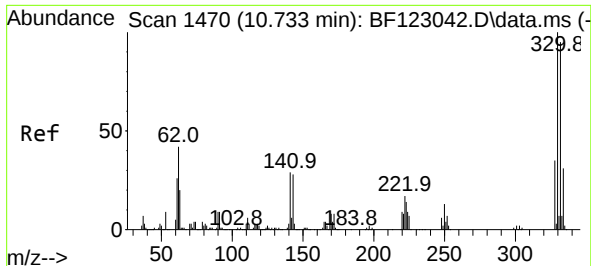
Tgt Ion:122 Resp: 625
Ion Ratio Lower Upper
122 100
105 105.6 104.8 144.8
77 63.3 71.0 111.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

Tgt Ion:164 Resp: 517979
Ion Ratio Lower Upper
164 100
162 103.4 80.8 121.2
160 45.4 35.4 53.0

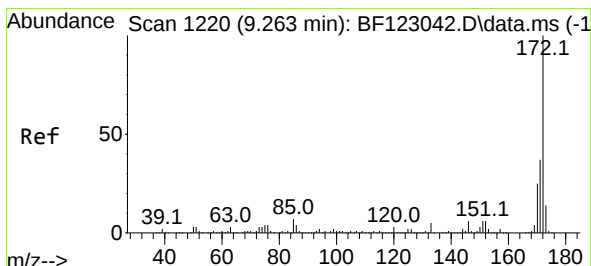
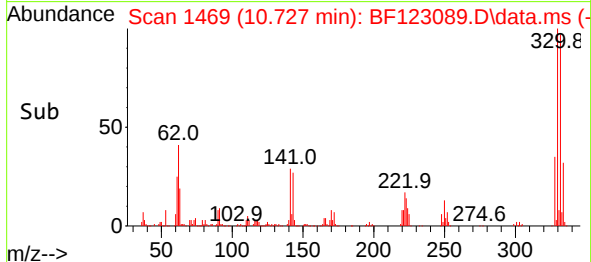
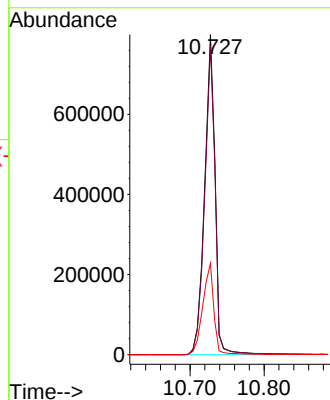
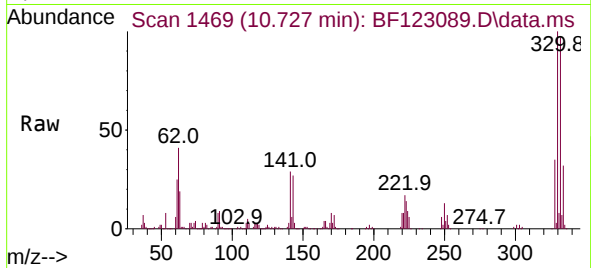




#42
2,4,6-Tribromophenol
Concen: 140.00 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

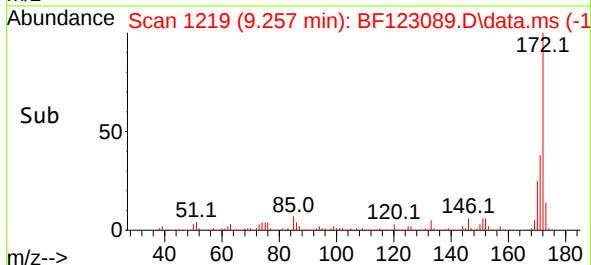
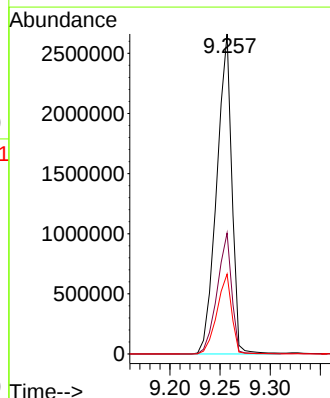
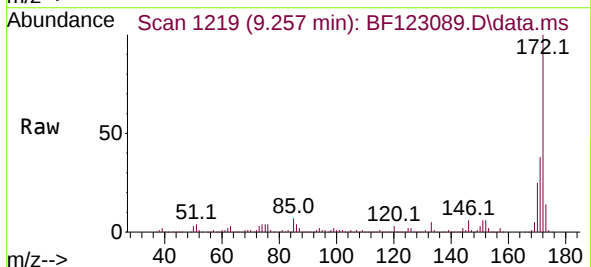
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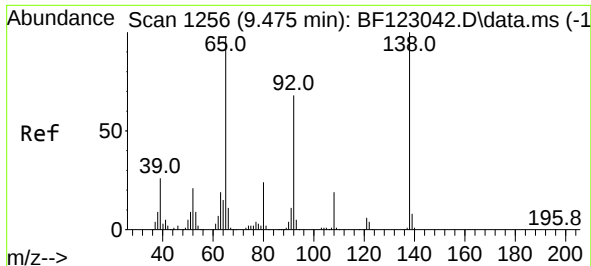
Tgt Ion: 330 Resp: 787223
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 30.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 80.00 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

Tgt Ion: 172 Resp: 2787516
Ion Ratio Lower Upper
172 100
171 37.8 29.6 44.4
170 25.0 19.5 29.3

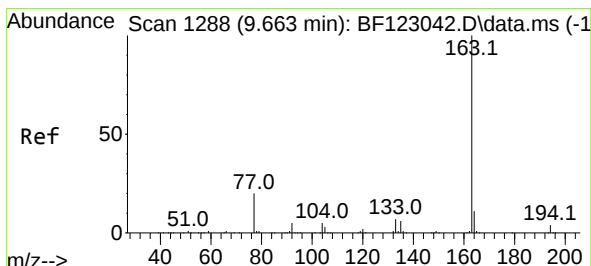
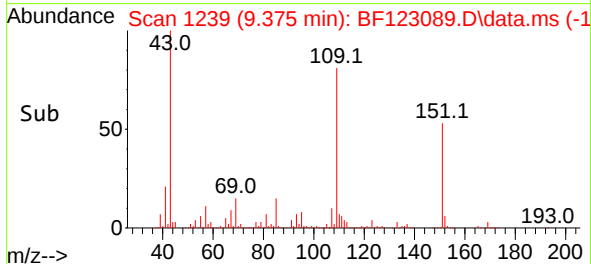
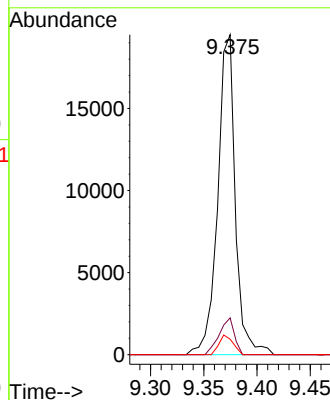
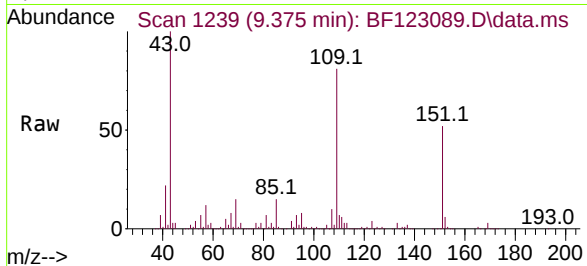




#48
2-Nitroaniline
Concen: 2.07 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.100 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

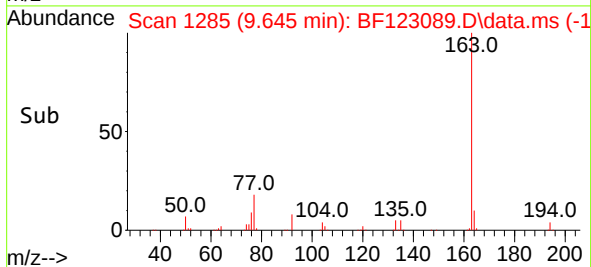
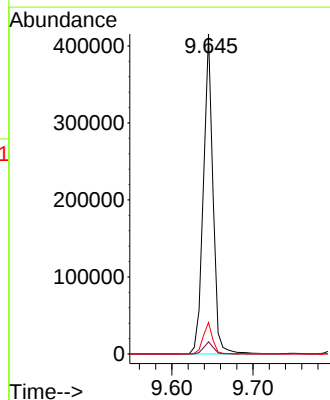
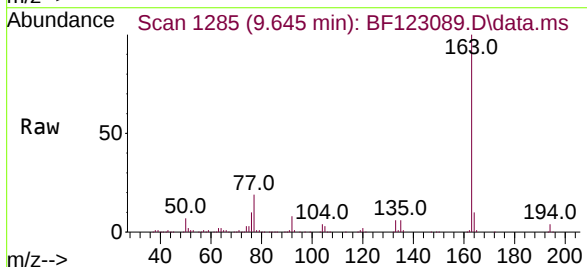
Instrument :
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0054-051-COMP-H-ELUTRIATE

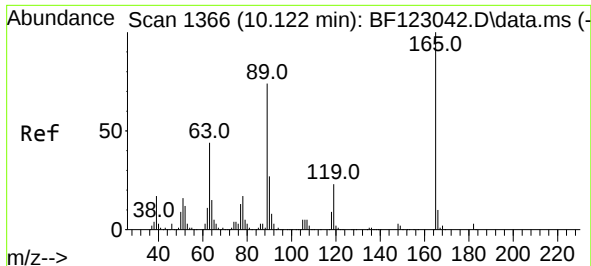
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Ion Ratio Lower Upper
65 100
92 11.5 60.0 90.0#
138 4.8 100.6 151.0#



#50
Dimethylphthalate
Concen: 8.39 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

Tgt Ion: 163 Resp: 340897
Ion Ratio Lower Upper
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194 3.8 3.4 5.0
164 9.8 8.1 12.1

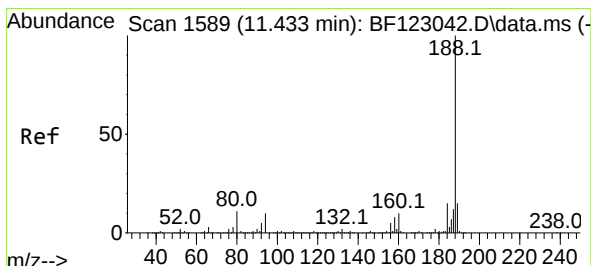
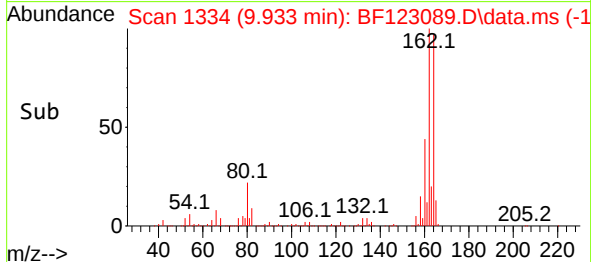
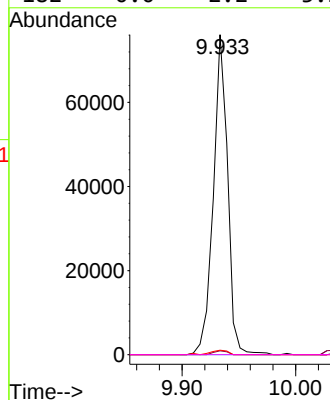
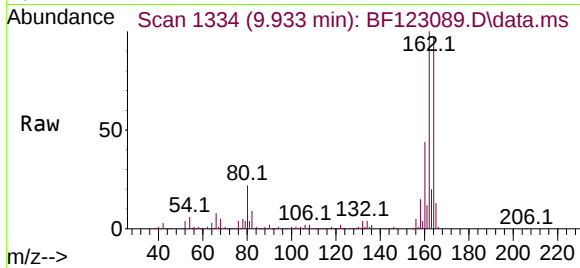




#57
2,4-Dinitrotoluene
Concen: 5.90 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

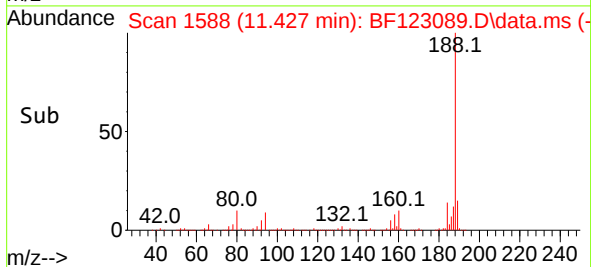
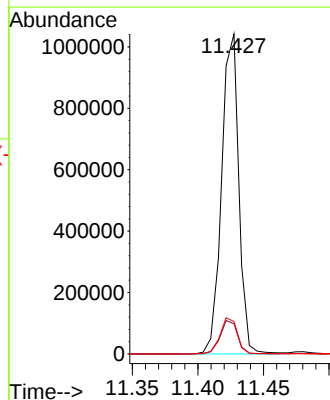
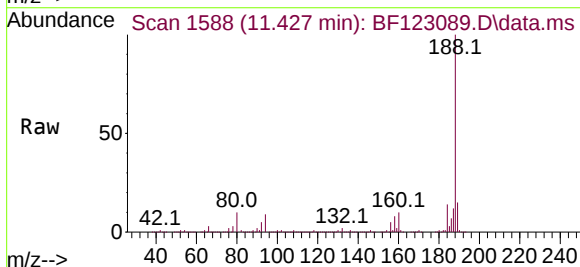
Instrument :
BNA_F
ClientSampleId :
0054-051-COMP-H-ELUTRIATE

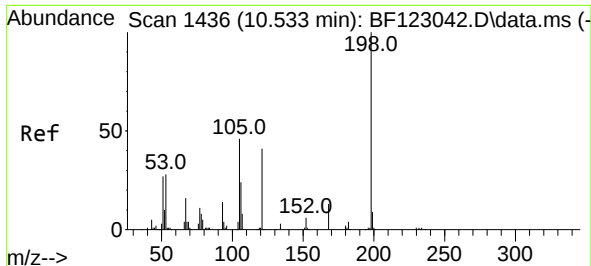
Tgt Ion:165	Resp:	66443
Ion Ratio	Lower	Upper
165	100	
63	1.2	34.3 51.5#
89	1.4	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

Tgt Ion:188	Resp:	948466
Ion Ratio	Lower	Upper
188	100	
94	9.5	7.4 11.2
80	10.1	8.2 12.4

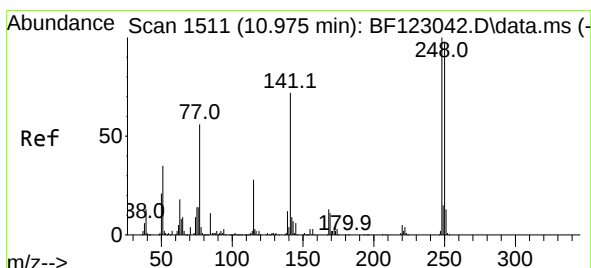
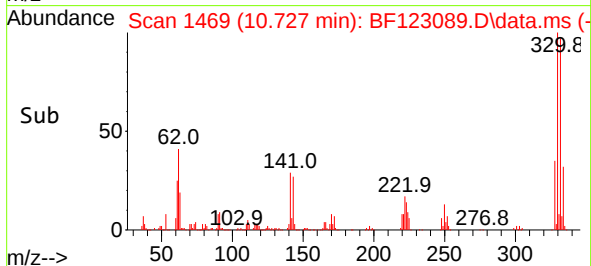
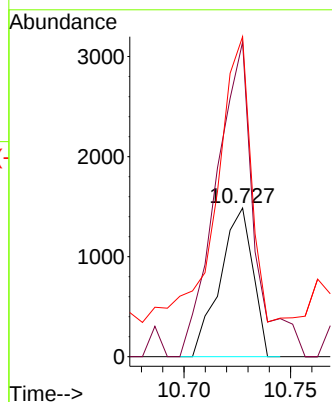
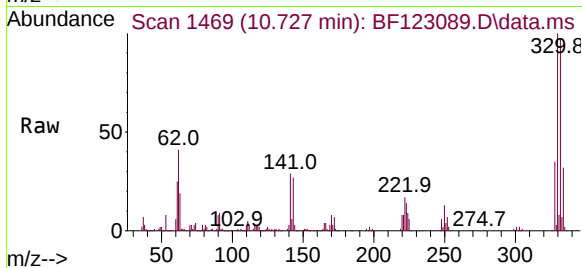




#65
4,6-Dinitro-2-methylphenol
Concen: 5.25 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

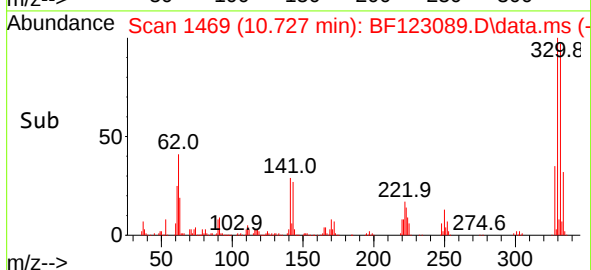
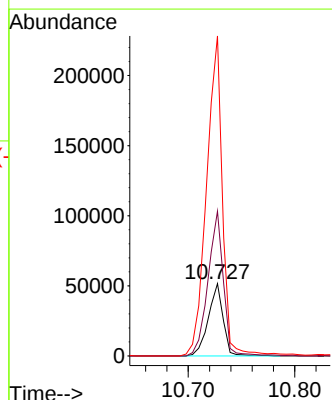
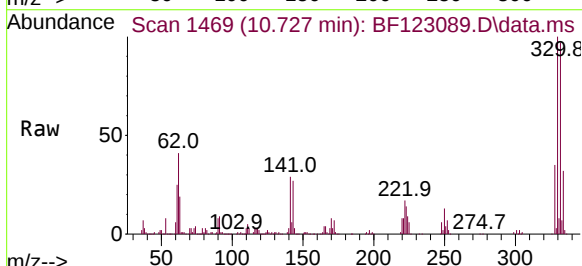
Instrument :
BNA_F
ClientSampleId :
0054-051-COMP-H-ELUTRIATE

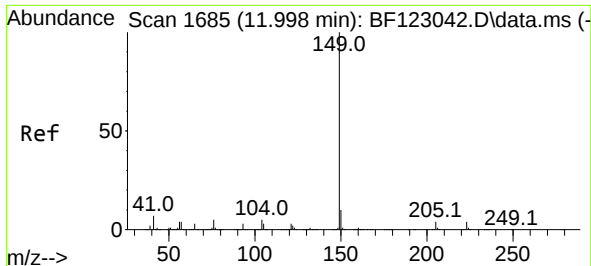
Tgt Ion:198 Resp: 1595
Ion Ratio Lower Upper
198 100
51 211.8 20.3 60.3#
105 215.3 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 4.13 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

Tgt Ion:248 Resp: 49916
Ion Ratio Lower Upper
248 100
250 200.4 76.8 115.2#
141 442.6 59.8 89.8#

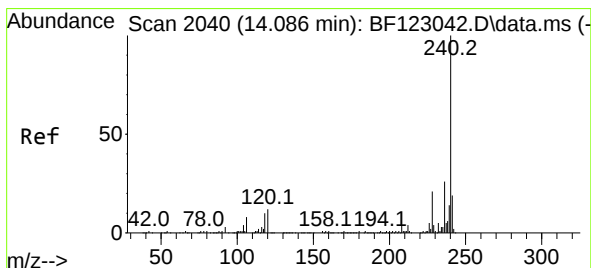
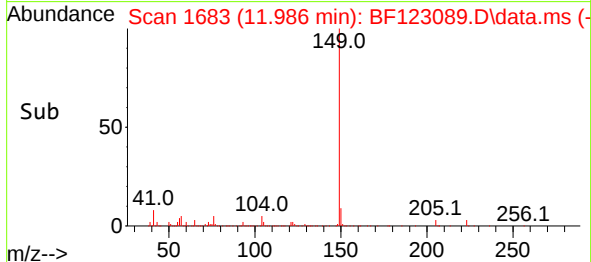
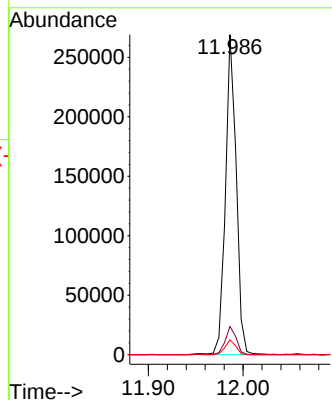
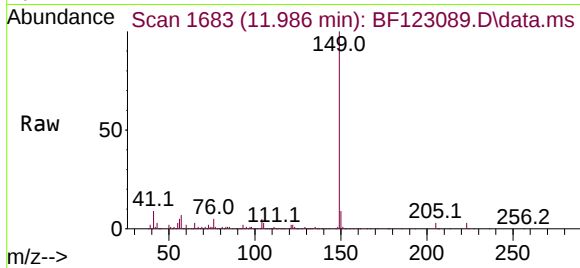




#74
Di-n-butylphthalate
Concen: 3.44 ng
RT: 11.986 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

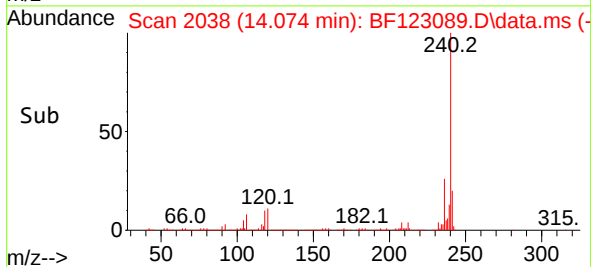
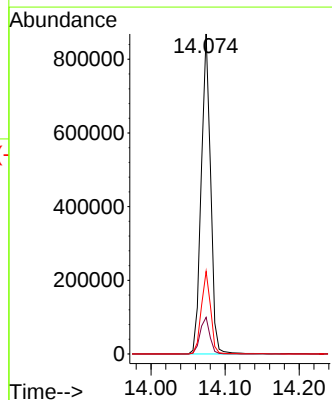
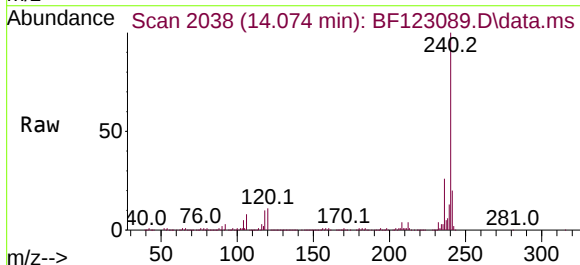
Instrument :
BNA_F
ClientSampleId :
0054-051-COMP-H-ELUTRIATE

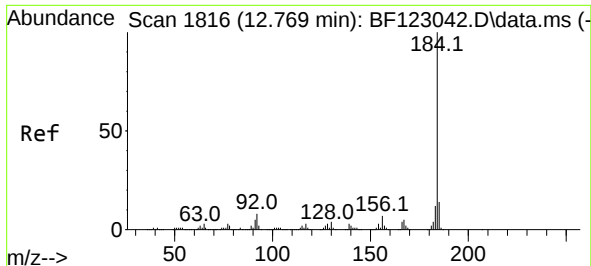
Tgt Ion:	149	Resp:	213641
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.8	11.6
104	4.6	4.2	6.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

Tgt Ion:	240	Resp:	759751
Ion Ratio	Lower	Upper	
240	100		
120	11.5	8.6	12.8
236	25.8	20.3	30.5

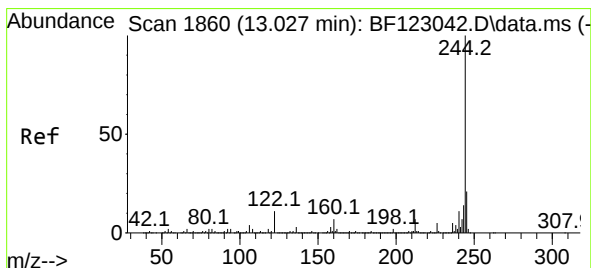
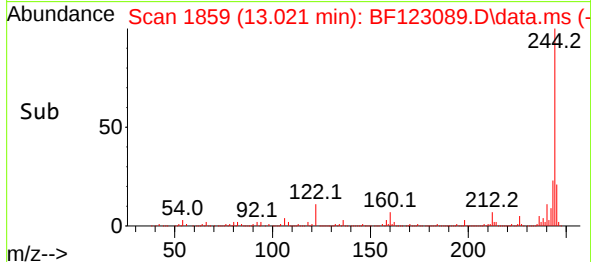
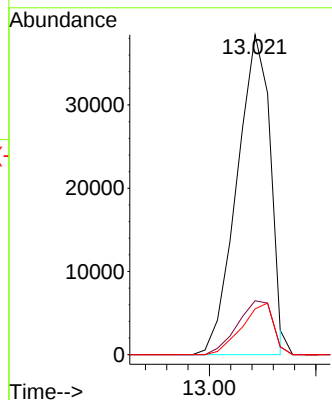
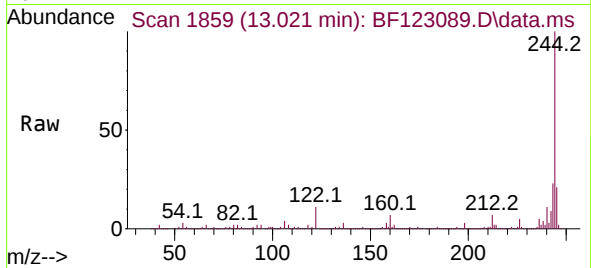




#77
Benzidine
Concen: 2.43 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.253 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

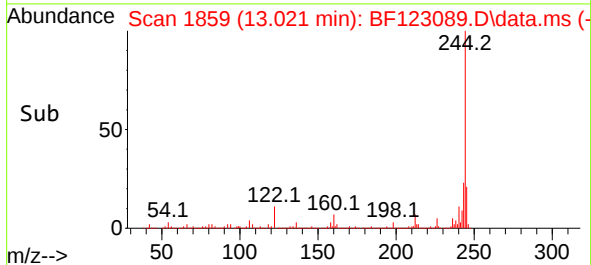
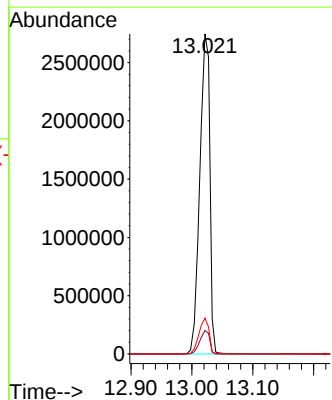
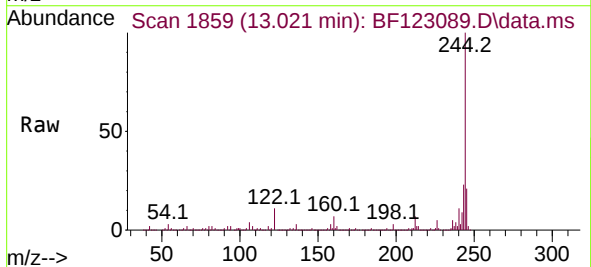
Instrument :
BNA_F
ClientSampleId :
0054-051-COMP-H-ELUTRIATE

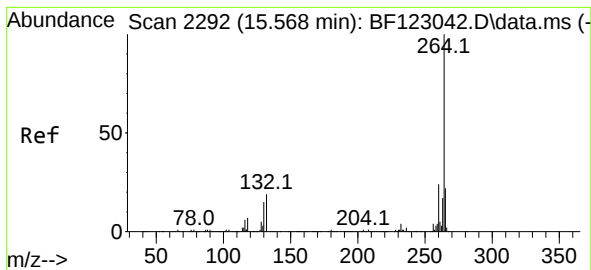
Tgt Ion:184 Resp: 41792
Ion Ratio Lower Upper
184 100
185 16.8 11.8 17.6
183 14.3 9.7 14.5



#79
Terphenyl-d14
Concen: 81.07 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

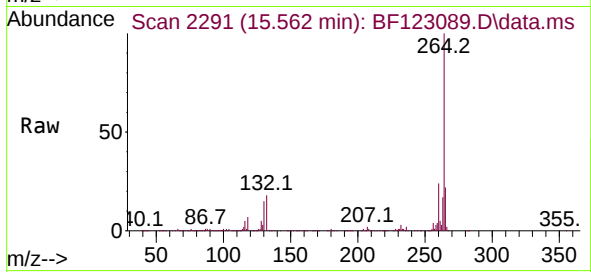
Tgt Ion:244 Resp: 3134867
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 11.2 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF123089.D
Acq: 29 Jan 2021 18:47

Instrument :
BNA_F
ClientSampleId :
0054-051-COMP-H-ELUTRIATE



Tgt Ion:264 Resp: 585769

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	28.0
265	21.5	17.0	25.6

