

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012921\
 Data File : BF123090.D
 Acq On : 29 Jan 2021 19:18
 Operator : JU/CG
 Sample : M1263-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0053-048-COMP-G-ELUTRIATE

Quant Time: Jan 29 22:37:30 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)

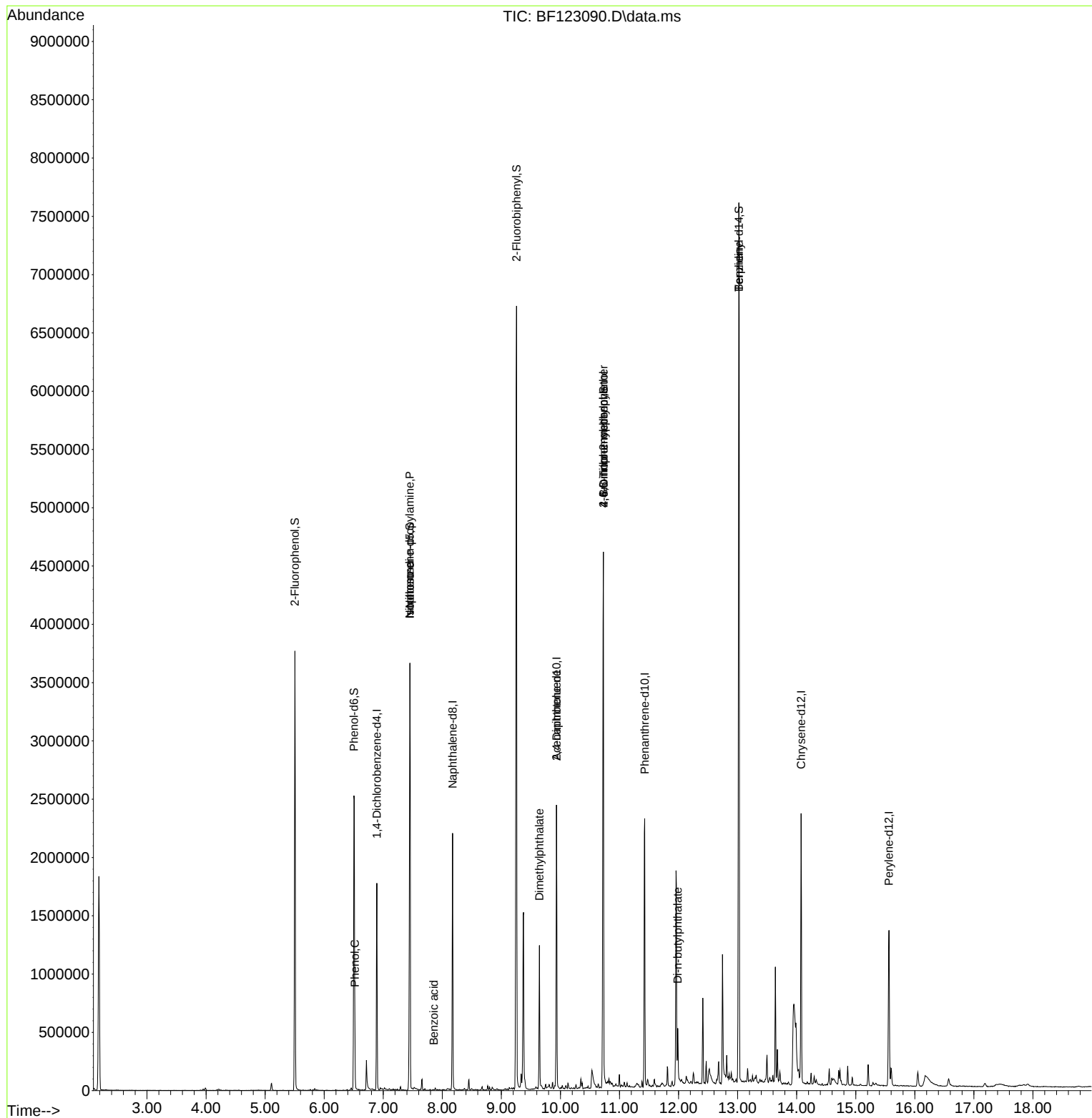
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	240764	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	925837	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	487407	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	893779	20.00	ng	0.00
76) Chrysene-d12	14.074	240	760184	20.00	ng	-0.01
86) Perylene-d12	15.562	264	619276	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1048784	67.19	ng	0.00
7) Phenol-d6	6.504	99	952250	45.01	ng	-0.01
23) Nitrobenzene-d5	7.451	82	1334057	72.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	636906	120.37	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2298283	70.10	ng	0.00
79) Terphenyl-d14	13.021	244	2687955	69.47	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.522	94	144204	6.87	ng	82
19) n-Nitroso-di-n-propyla...	7.451	70	178680	14.04	ng	# 81
25) Isophorone	7.451	82	1330113	39.47	ng	# 65
32) Benzoic acid	7.857	122	403	4.95	ng	# 66
50) Dimethylphthalate	9.645	163	465632	12.18	ng	100
57) 2,4-Dinitrotoluene	9.933	165	62428	5.89	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	1335	5.22	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	41082	3.61	ng	# 1
74) Di-n-butylphthalate	11.986	149	177021	3.02	ng	97
77) Benzidine	13.021	184	35387	2.06	ng	# 92

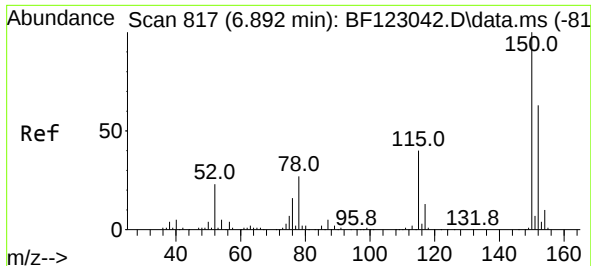
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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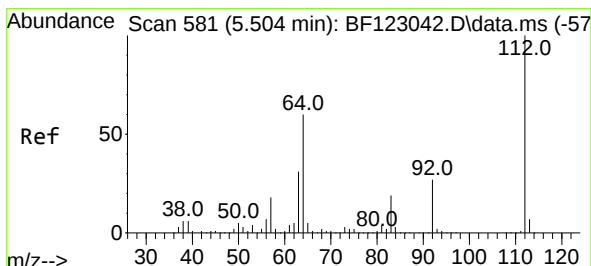
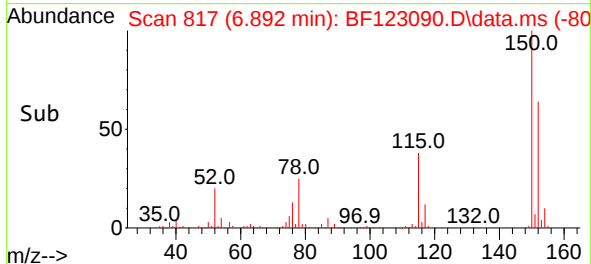
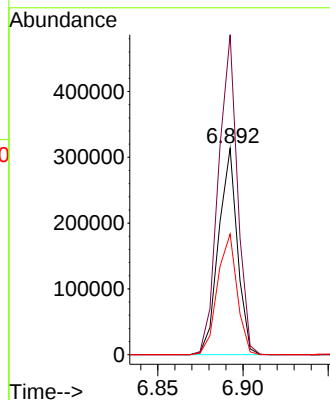
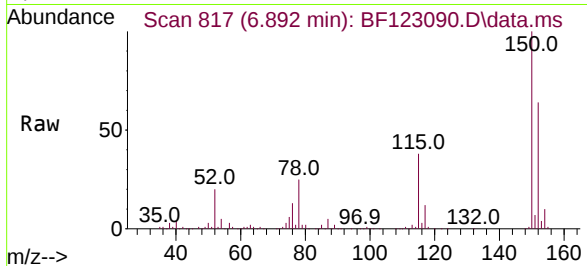




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF123090.D
 Acq: 29 Jan 2021 19:18

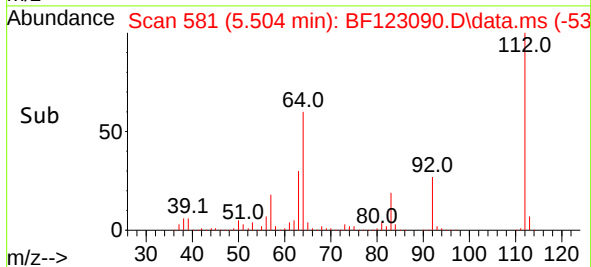
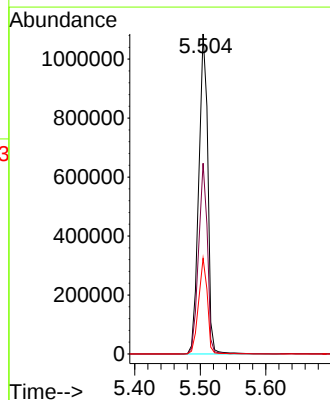
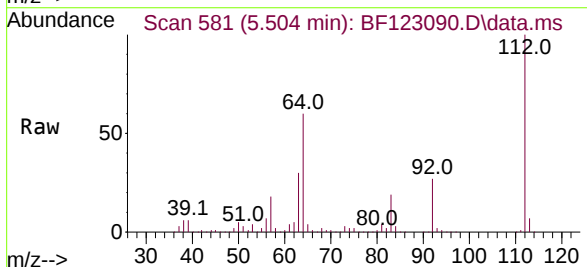
Instrument :
 BNA_F
 ClientSampleId :
 0053-048-COMP-G-ELUTRIATE

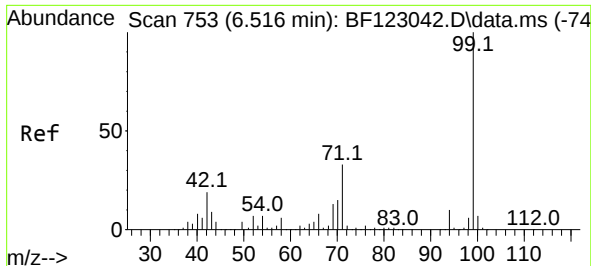
Tgt Ion:152 Resp: 240764
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.8 188.6
 115 58.4 49.3 73.9



#5
 2-Fluorophenol
 Concen: 67.19 ng
 RT: 5.504 min Scan# 581
 Delta R.T. -0.000 min
 Lab File: BF123090.D
 Acq: 29 Jan 2021 19:18

Tgt Ion:112 Resp: 1048784
 Ion Ratio Lower Upper
 112 100
 64 59.6 46.9 70.3
 63 29.9 24.5 36.7

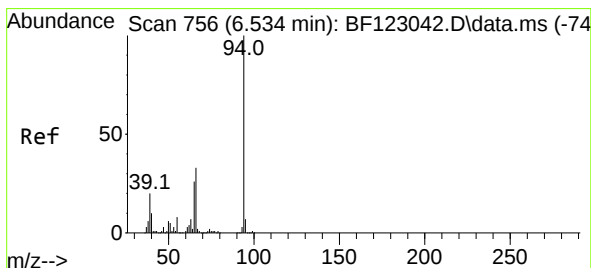
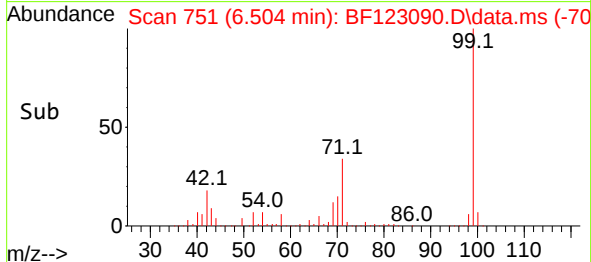
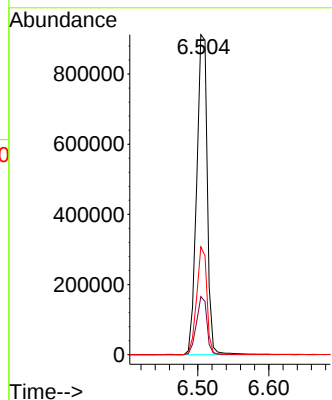
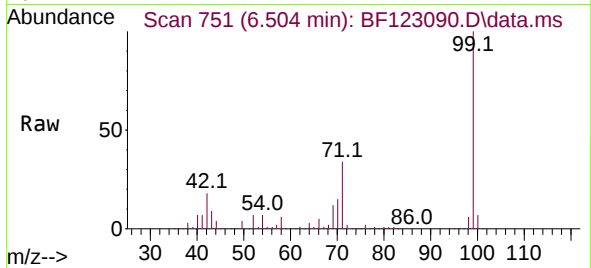




#7
Phenol-d6
Concen: 45.01 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF123090.D
Acq: 29 Jan 2021 19:18

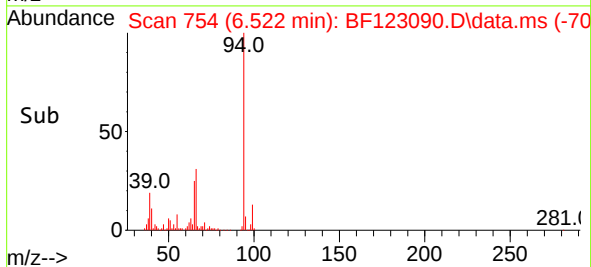
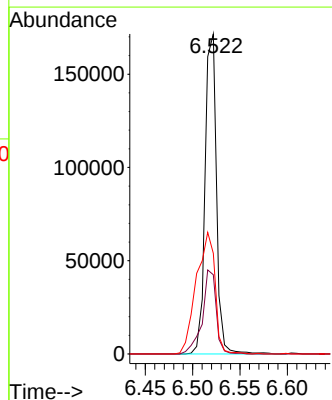
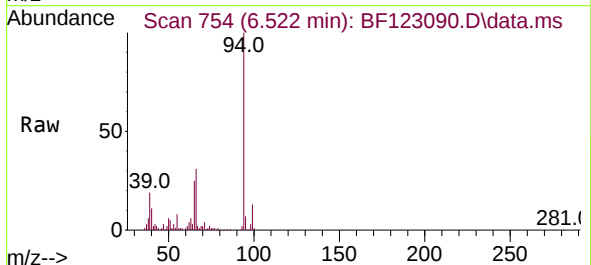
Instrument :
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ClientSampleId :
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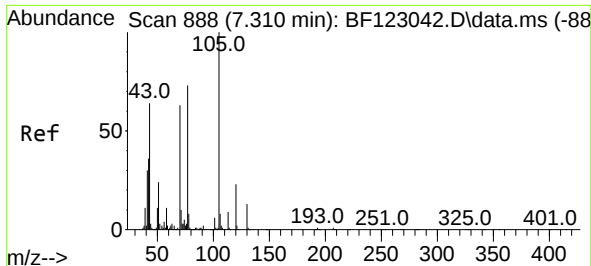
Tgt Ion: 99 Resp: 952250
Ion Ratio Lower Upper
99 100
42 18.1 13.8 20.6
71 33.7 26.9 40.3



#10
Phenol
Concen: 6.87 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF123090.D
Acq: 29 Jan 2021 19:18

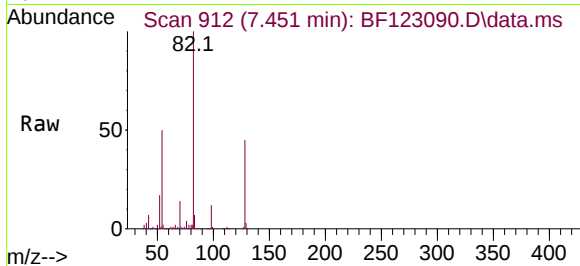
Tgt Ion: 94 Resp: 144204
Ion Ratio Lower Upper
94 100
65 24.8 11.2 51.2
66 31.5 25.8 65.8



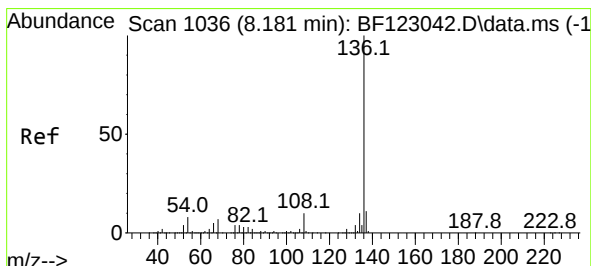
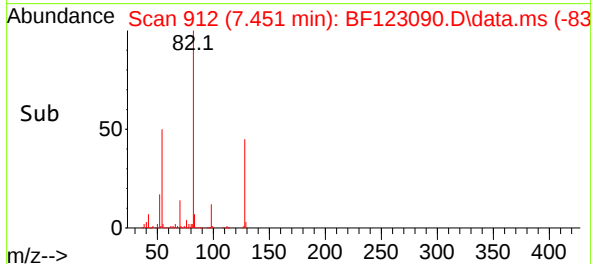
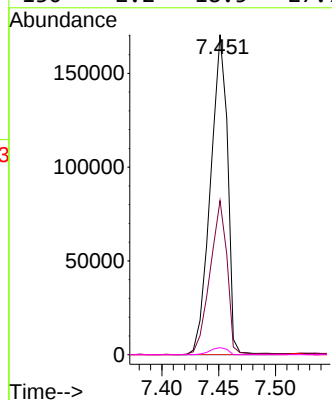


#19
n-Nitroso-di-n-propylamine
Concen: 14.04 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123090.D
Acq: 29 Jan 2021 19:18

Instrument :
BNA_F
ClientSampleId :
0053-048-COMP-G-ELUTRIATE

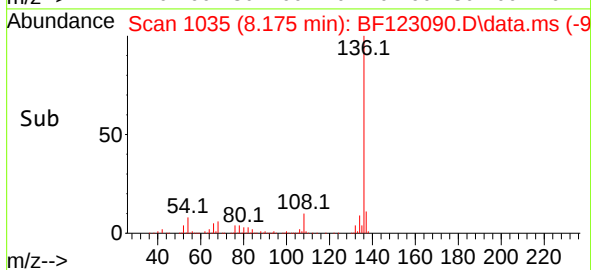
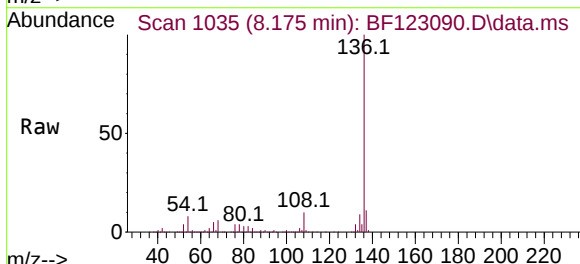
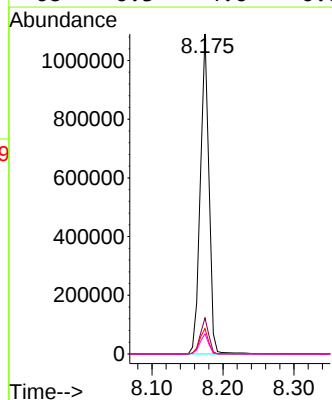


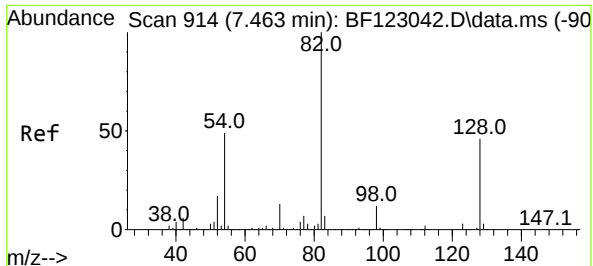
Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.2	43.0	64.4
101	0.0	7.9	11.9#
130	2.2	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123090.D
Acq: 29 Jan 2021 19:18

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.0	5.5	8.3
68	6.3	4.6	6.8





#23

Nitrobenzene-d5

Concen: 72.52 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF123090.D

Acq: 29 Jan 2021 19:18

Tgt Ion: 82 Resp: 1334057

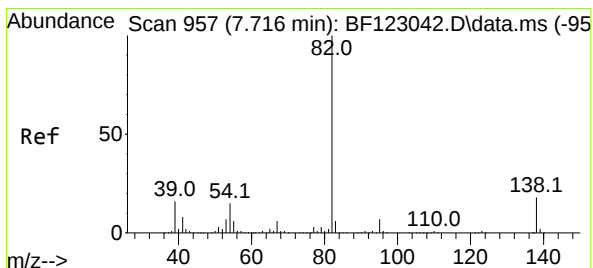
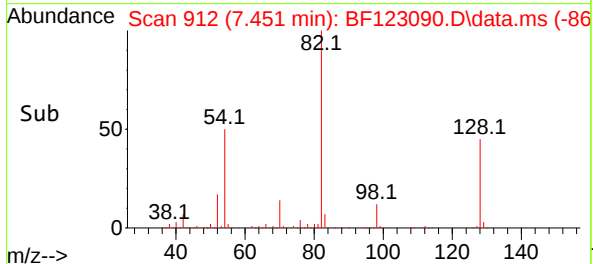
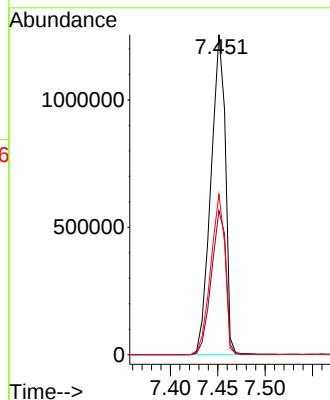
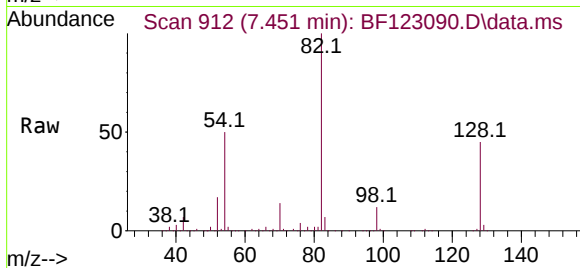
Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.0	55.4
54	50.1	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

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#25

Isophorone

Concen: 39.47 ng

RT: 7.451 min Scan# 912

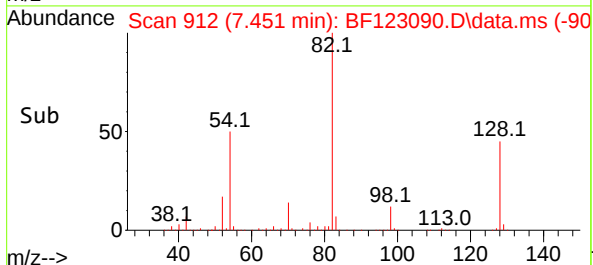
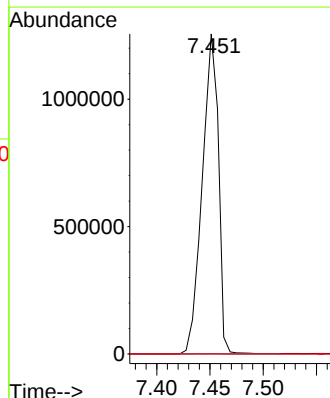
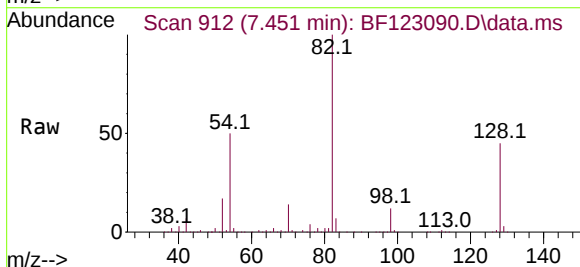
Delta R.T. -0.265 min

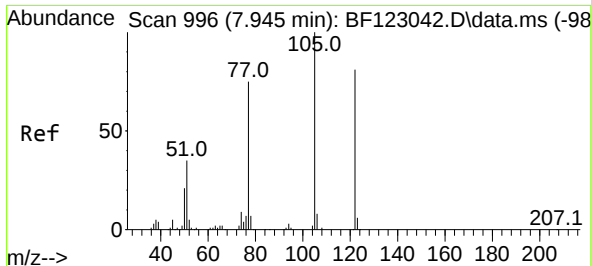
Lab File: BF123090.D

Acq: 29 Jan 2021 19:18

Tgt Ion: 82 Resp: 1330113

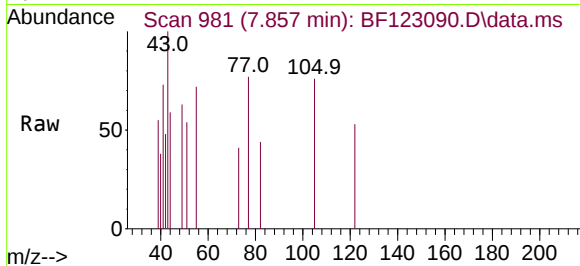
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#



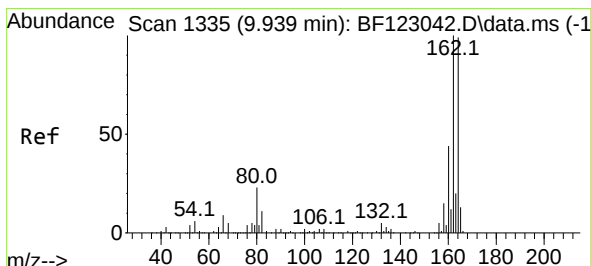
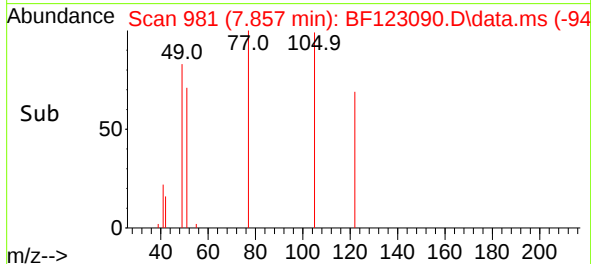
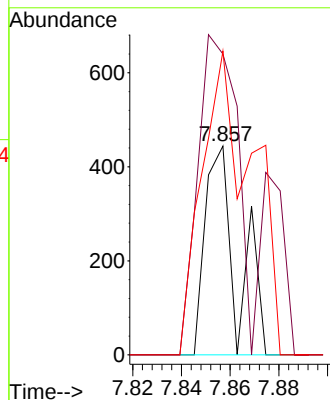


#32
Benzoic acid
Concen: 4.95 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.088 min
Lab File: BF123090.D
Acq: 29 Jan 2021 19:18

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ClientSampleId :
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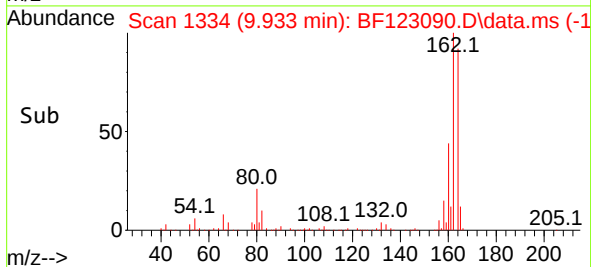
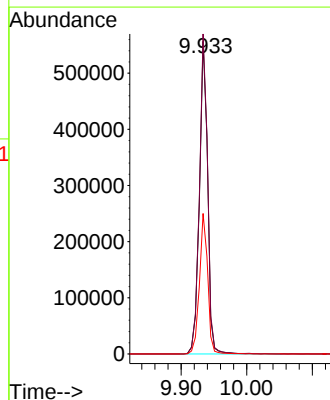
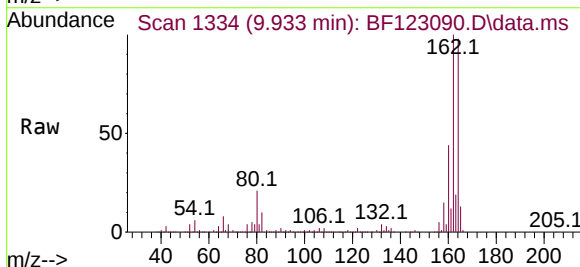


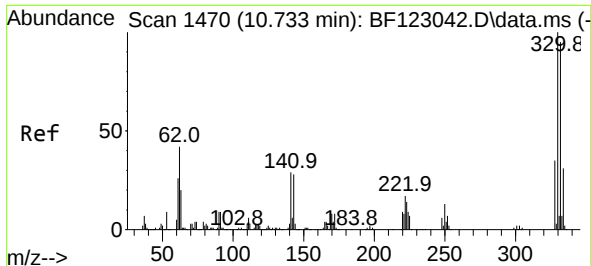
Tgt Ion:122 Resp: 403
Ion Ratio Lower Upper
122 100
105 144.1 104.8 144.8
77 145.5 71.0 111.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123090.D
Acq: 29 Jan 2021 19:18

Tgt Ion:164 Resp: 487407
Ion Ratio Lower Upper
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162 102.3 80.8 121.2
160 44.9 35.4 53.0

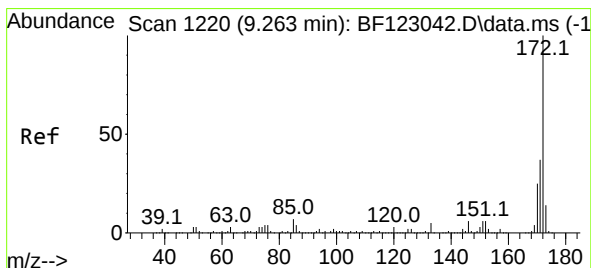
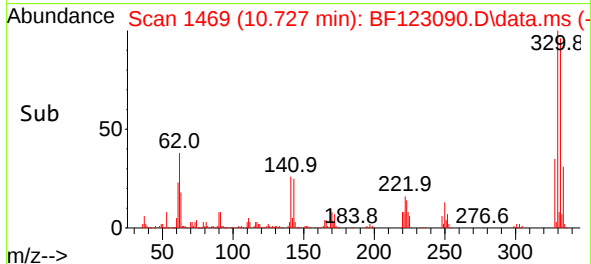
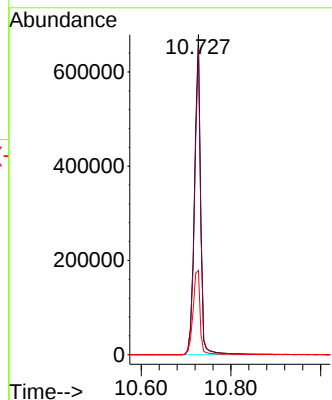
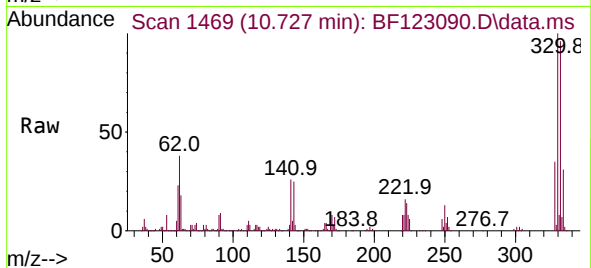




#42
2,4,6-Tribromophenol
Concen: 120.37 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123090.D
Acq: 29 Jan 2021 19:18

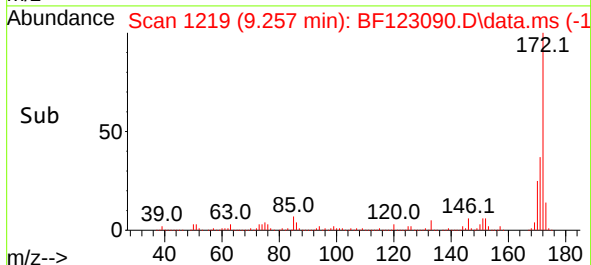
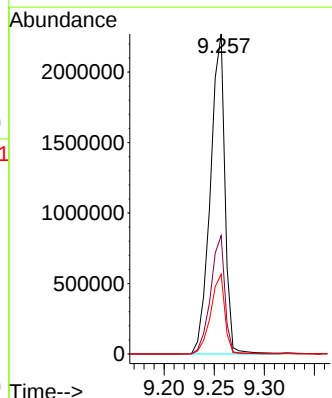
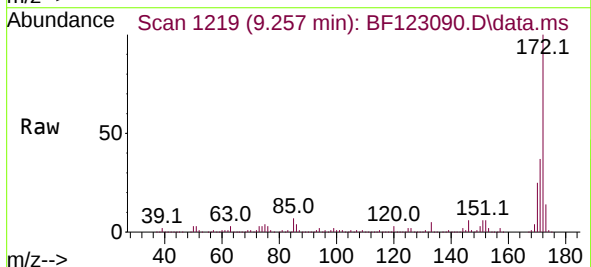
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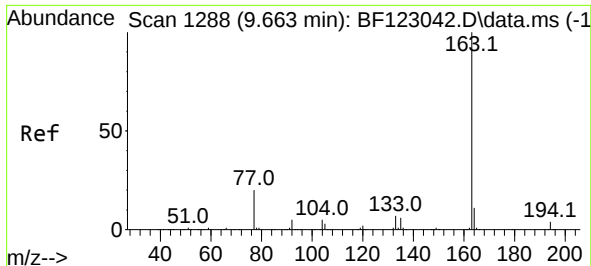
Tgt Ion: 330 Resp: 636906
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 30.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 70.10 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123090.D
Acq: 29 Jan 2021 19:18

Tgt Ion: 172 Resp: 2298283
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.9 19.5 29.3

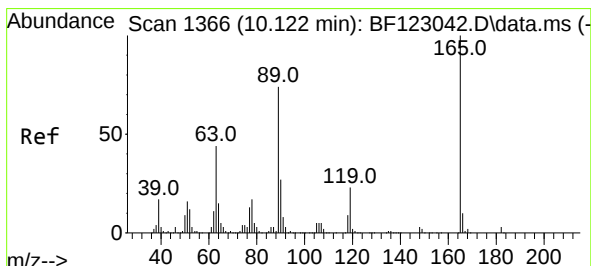
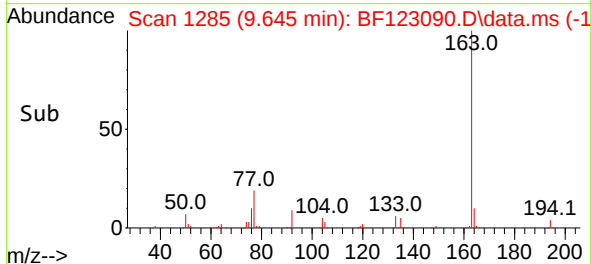
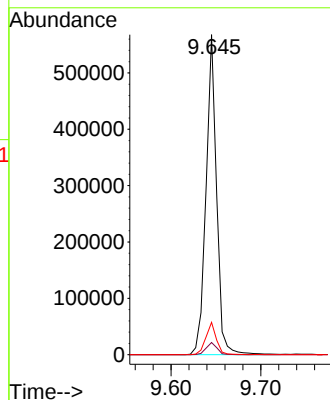
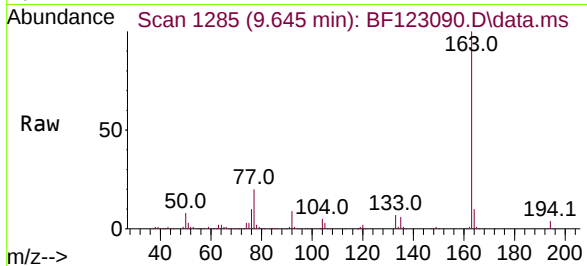




#50
Dimethylphthalate
Concen: 12.18 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123090.D
Acq: 29 Jan 2021 19:18

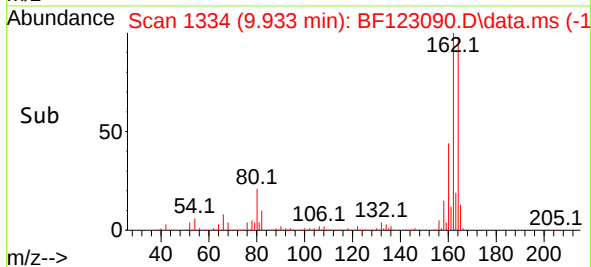
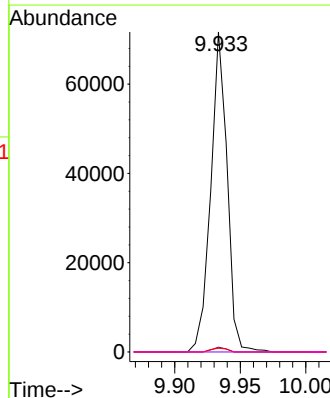
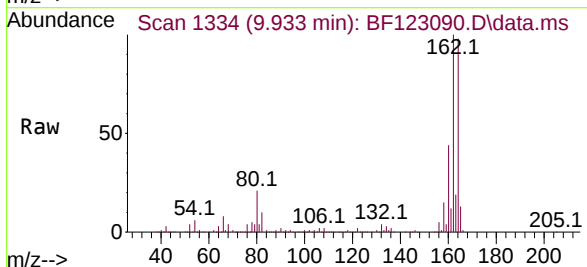
Instrument :
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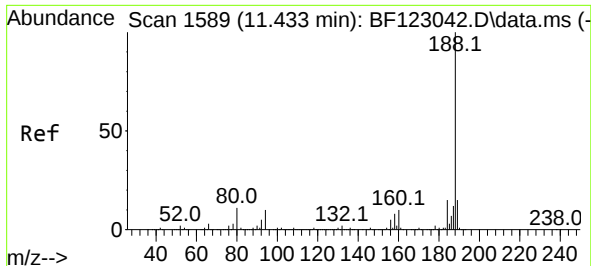
Tgt Ion:163 Resp: 465632
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.1 8.1 12.1



#57
2,4-Dinitrotoluene
Concen: 5.89 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123090.D
Acq: 29 Jan 2021 19:18

Tgt Ion:165 Resp: 62428
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

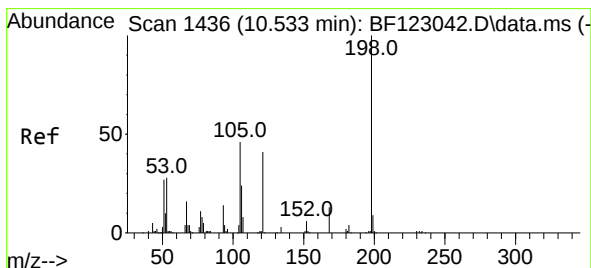
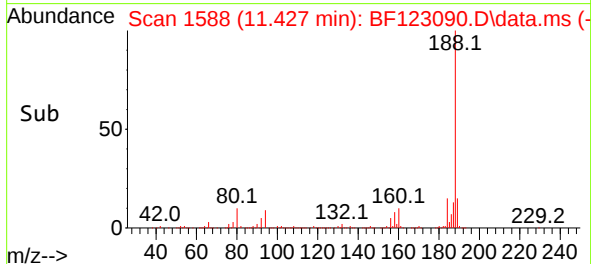
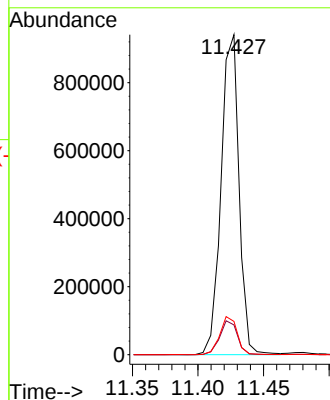
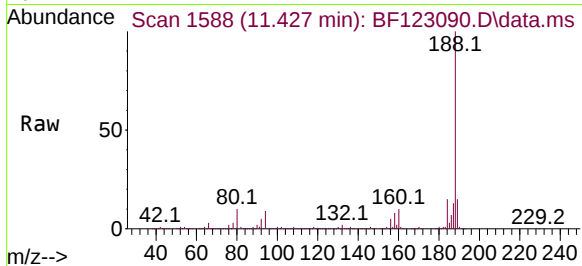




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123090.D
Acq: 29 Jan 2021 19:18

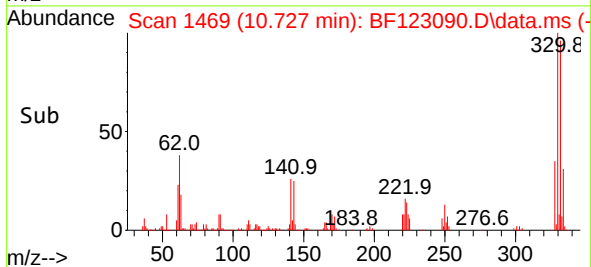
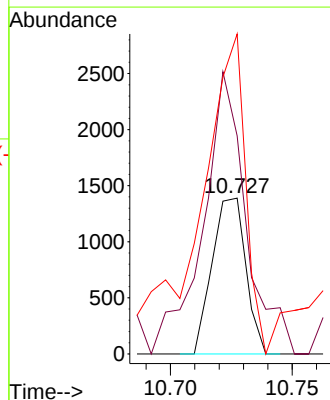
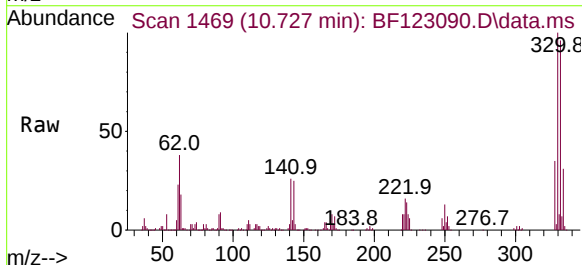
Instrument :
BNA_F
ClientSampleId :
0053-048-COMP-G-ELUTRIATE

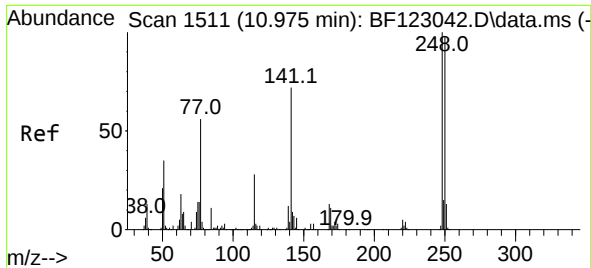
Tgt Ion:188 Resp: 893779
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.4 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.22 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123090.D
Acq: 29 Jan 2021 19:18

Tgt Ion:198 Resp: 1335
Ion Ratio Lower Upper
198 100
51 140.0 20.3 60.3#
105 205.4 23.0 63.0#

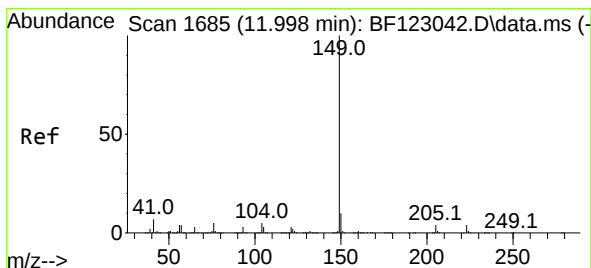
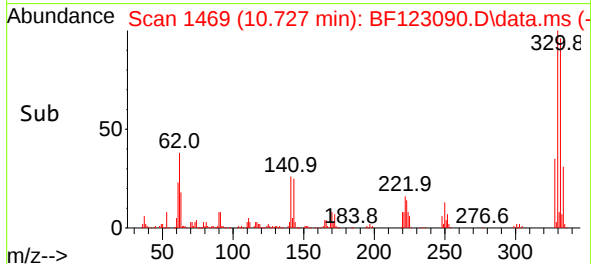
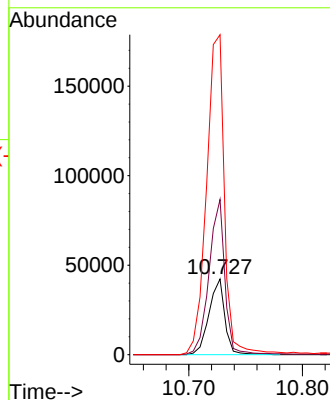
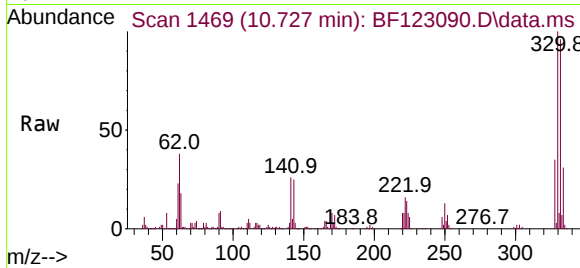




#67
4-Bromophenyl-phenylether
Concen: 3.61 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123090.D
Acq: 29 Jan 2021 19:18

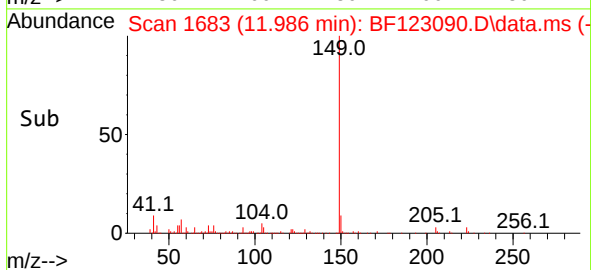
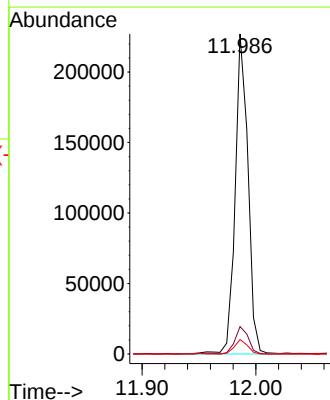
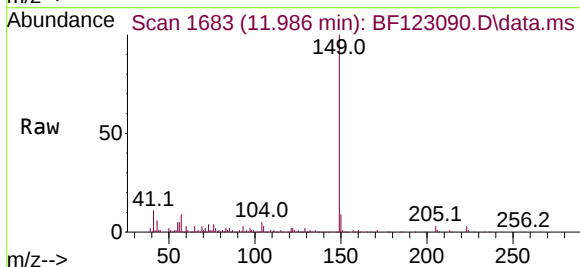
Instrument :
BNA_F
ClientSampleId :
0053-048-COMP-G-ELUTRIATE

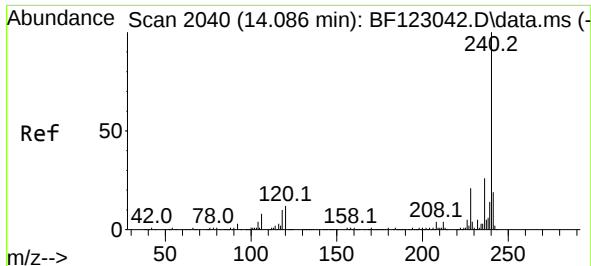
Tgt Ion:248 Resp: 41082
Ion Ratio Lower Upper
248 100
250 204.9 76.8 115.2#
141 422.4 59.8 89.8#



#74
Di-n-butylphthalate
Concen: 3.02 ng
RT: 11.986 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BF123090.D
Acq: 29 Jan 2021 19:18

Tgt Ion:149 Resp: 177021
Ion Ratio Lower Upper
149 100
150 8.6 7.8 11.6
104 4.5 4.2 6.4

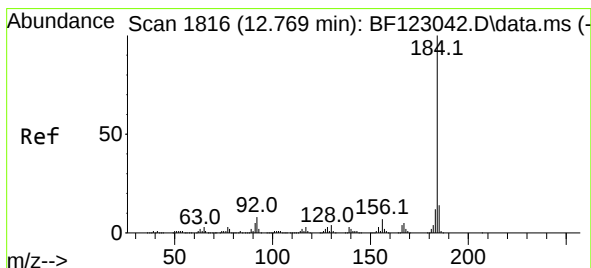
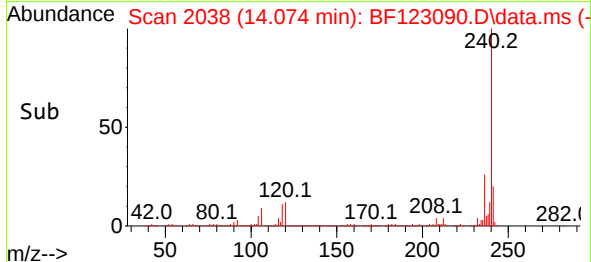
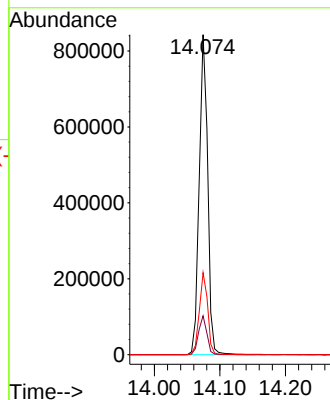
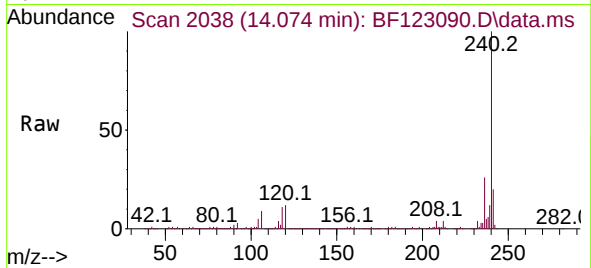




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123090.D
Acq: 29 Jan 2021 19:18

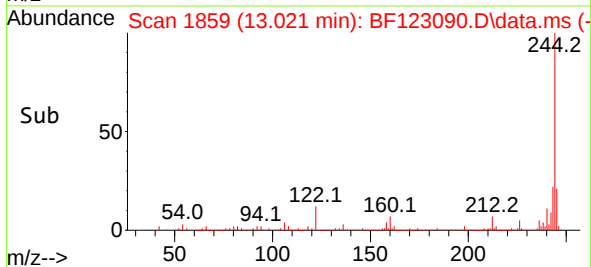
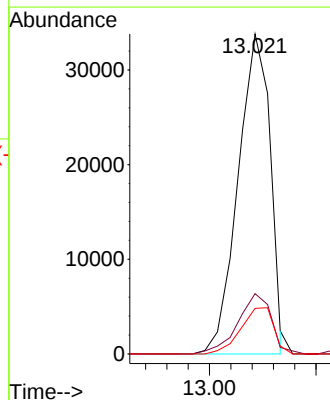
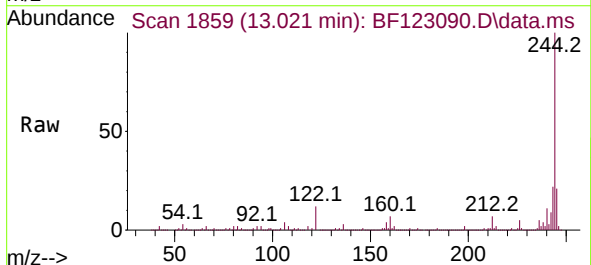
Instrument :
BNA_F
ClientSampleId :
0053-048-COMP-G-ELUTRIATE

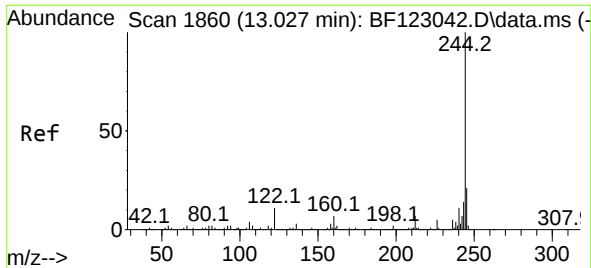
Tgt Ion:240 Resp: 760184
Ion Ratio Lower Upper
240 100
120 12.2 8.6 12.8
236 25.6 20.3 30.5



#77
Benzidine
Concen: 2.06 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.253 min
Lab File: BF123090.D
Acq: 29 Jan 2021 19:18

Tgt Ion:184 Resp: 35387
Ion Ratio Lower Upper
184 100
185 18.8 11.8 17.6#
183 14.3 9.7 14.5

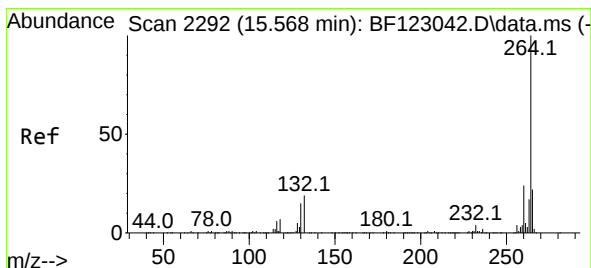
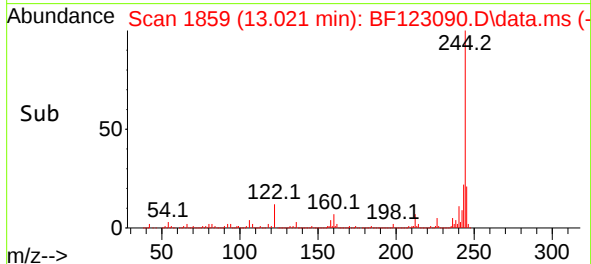
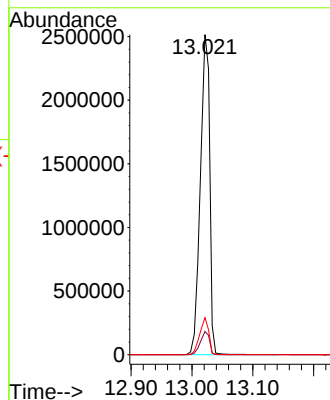
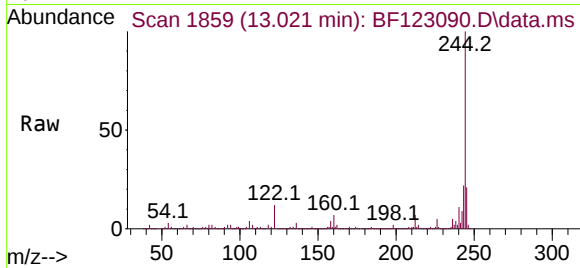




#79
 Terphenyl-d14
 Concen: 69.47 ng
 RT: 13.021 min Scan# 1859
 Delta R.T. -0.006 min
 Lab File: BF123090.D
 Acq: 29 Jan 2021 19:18

Instrument :
 BNA_F
 ClientSampleId :
 0053-048-COMP-G-ELUTRIATE

Tgt Ion:244 Resp: 2687955
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 11.5 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: BF123090.D
 Acq: 29 Jan 2021 19:18

Tgt Ion:264 Resp: 619276
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.0 17.0 25.6

