

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012921\
 Data File : BF123087.D
 Acq On : 29 Jan 2021 17:45
 Operator : JU/CG
 Sample : M1263-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0048-042-COMP-B-ELUTRIATE

Quant Time: Jan 29 22:36:45 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)

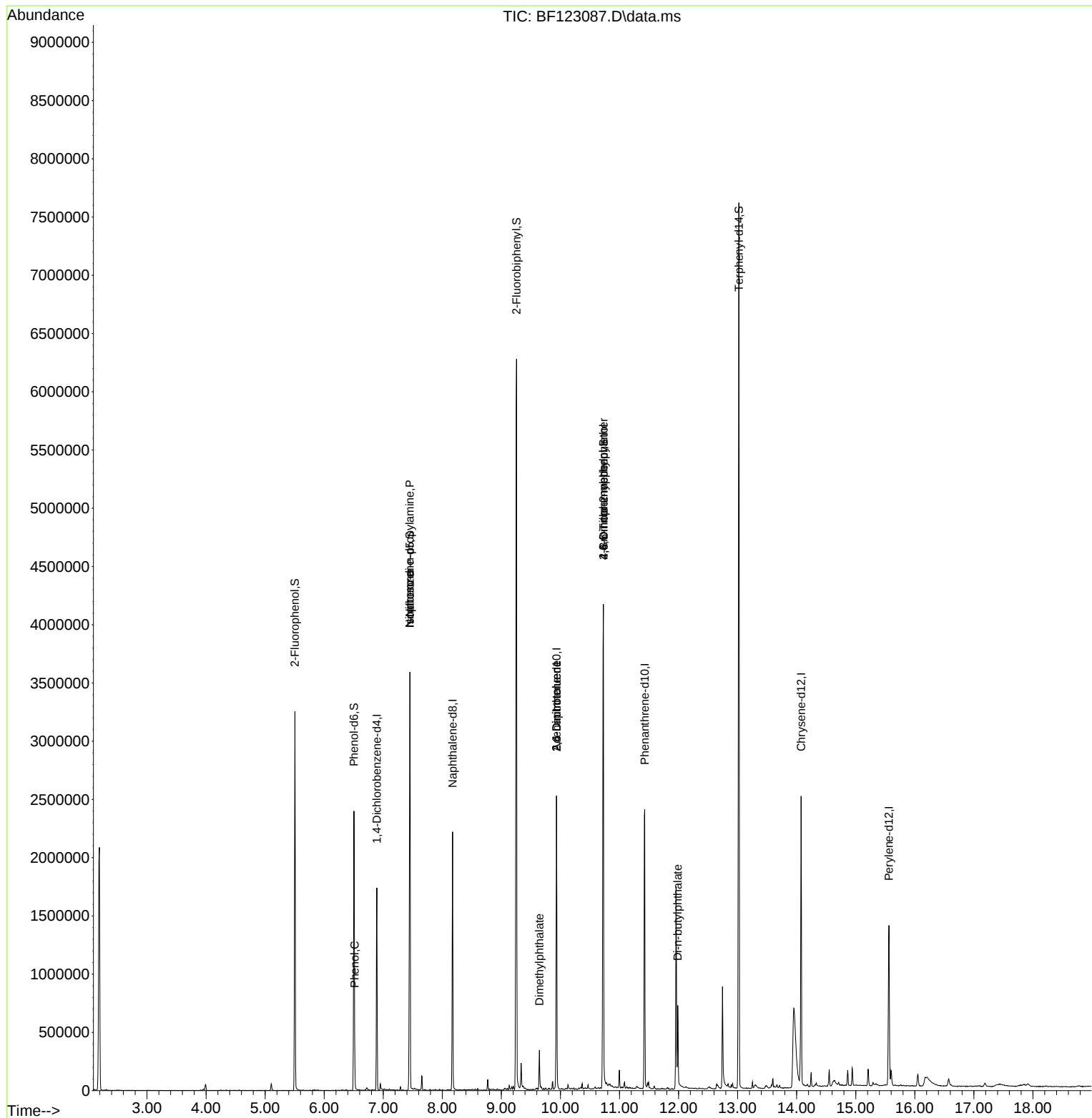
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	244323	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	947077	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	508634	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	938616	20.00	ng	0.00
76) Chrysene-d12	14.074	240	787194	20.00	ng	-0.01
86) Perylene-d12	15.563	264	631810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	868739	54.85	ng	0.00
7) Phenol-d6	6.504	99	795809	37.07	ng	-0.01
23) Nitrobenzene-d5	7.451	82	1256786	66.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	579682	104.99	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2222583	64.96	ng	0.00
79) Terphenyl-d14	13.022	244	2508919	62.62	ng	0.00
Target Compounds						
10) Phenol	6.516	94	71797	3.37	ng	Qvalue 90
19) n-Nitroso-di-n-propyla...	7.451	70	168432	13.05	ng	# 79
25) Isophorone	7.451	82	1252663	36.34	ng	# 65
50) Dimethylphthalate	9.645	163	128533	3.22	ng	99
51) 2,6-Dinitrotoluene	9.933	165	66908	7.87	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	66909	6.05	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	1319	5.20	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	38676	3.24	ng	# 1
74) Di-n-butylphthalate	11.986	149	306868	4.99	ng	99

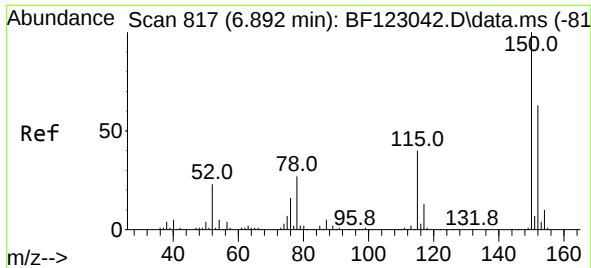
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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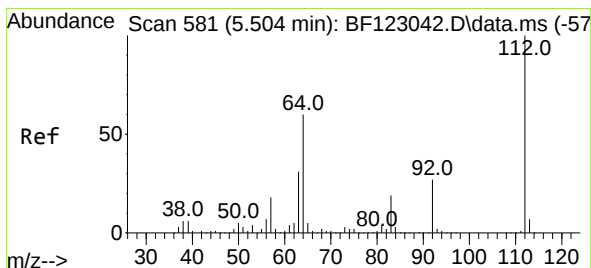
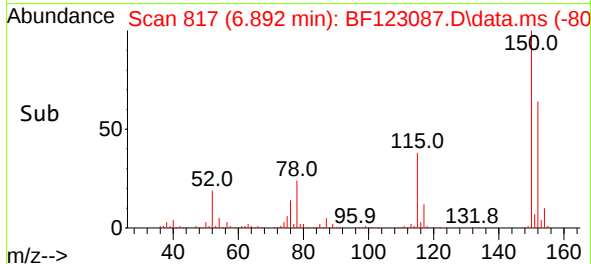
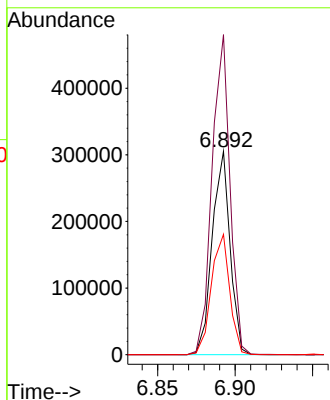
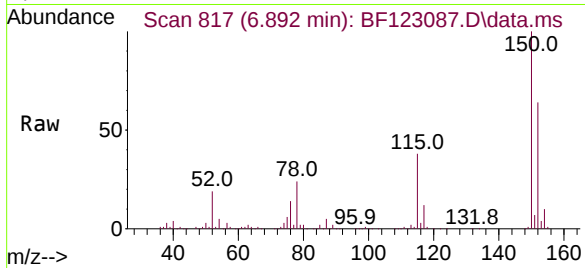




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF123087.D
 Acq: 29 Jan 2021 17:45

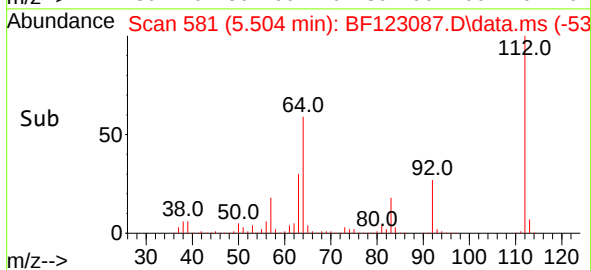
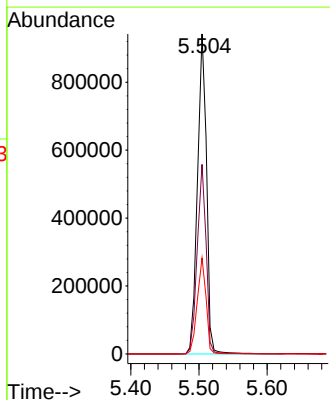
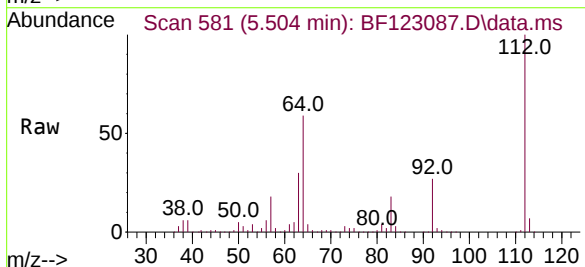
Instrument :
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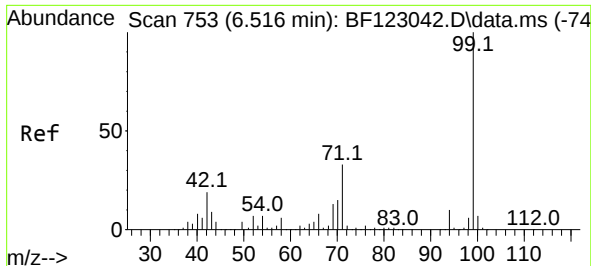
Tgt Ion:152 Resp: 244323
 Ion Ratio Lower Upper
 152 100
 150 157.4 125.8 188.6
 115 59.2 49.3 73.9



#5
 2-Fluorophenol
 Concen: 54.85 ng
 RT: 5.504 min Scan# 581
 Delta R.T. 0.000 min
 Lab File: BF123087.D
 Acq: 29 Jan 2021 17:45

Tgt Ion:112 Resp: 868739
 Ion Ratio Lower Upper
 112 100
 64 59.3 46.9 70.3
 63 30.0 24.5 36.7

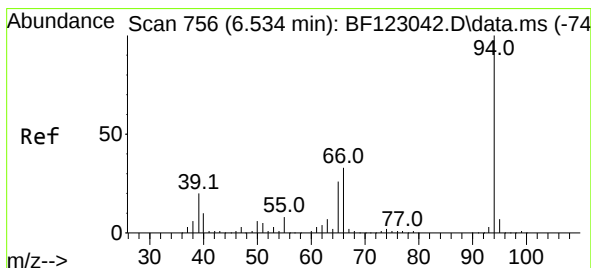
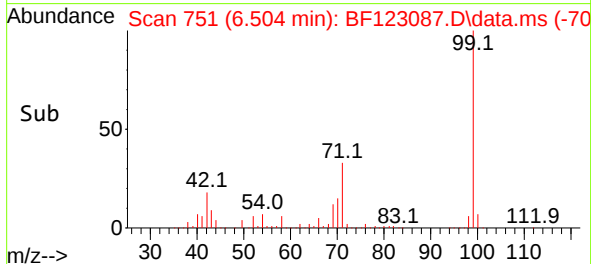
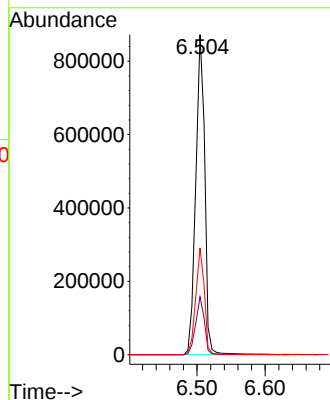
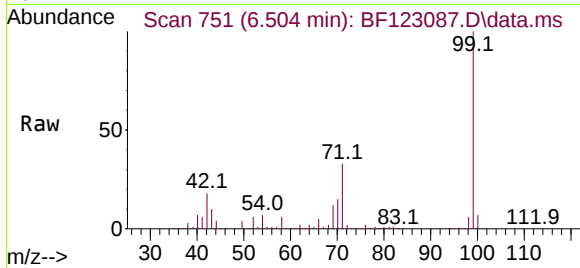




#7
Phenol-d6
Concen: 37.07 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF123087.D
Acq: 29 Jan 2021 17:45

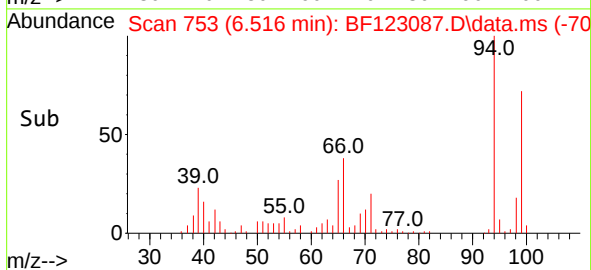
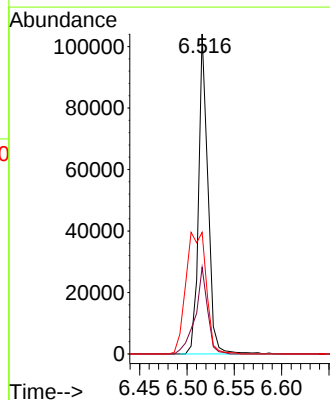
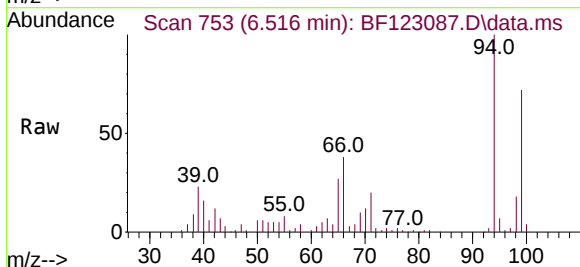
Instrument :
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ClientSampleId :
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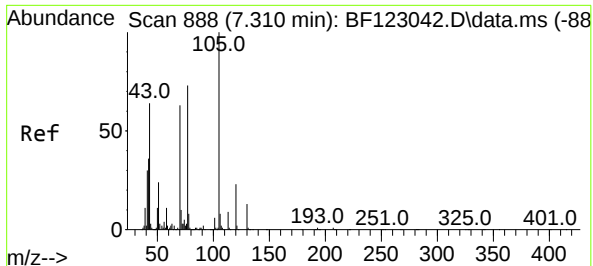
Tgt Ion:	99	Resp:	795809
Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.8	20.6
71	33.4	26.9	40.3



#10
Phenol
Concen: 3.37 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.018 min
Lab File: BF123087.D
Acq: 29 Jan 2021 17:45

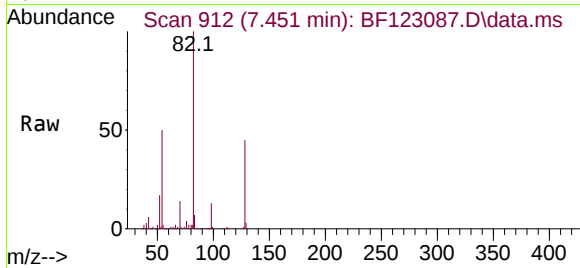
Tgt Ion:	94	Resp:	71797
Ion	Ratio	Lower	Upper
94	100		
65	27.1	11.2	51.2
66	38.0	25.8	65.8



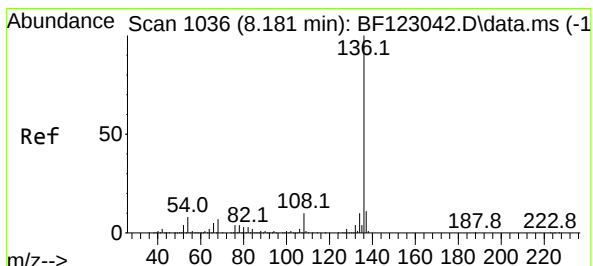
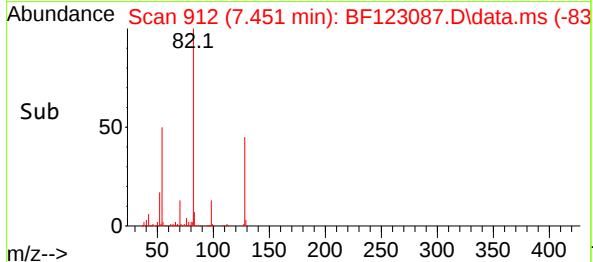
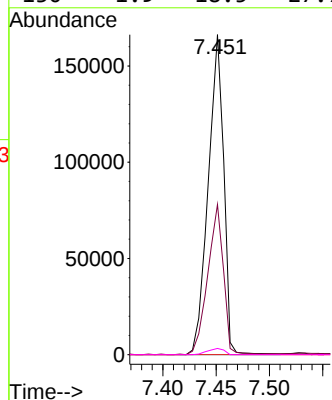


#19
n-Nitroso-di-n-propylamine
Concen: 13.05 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123087.D
Acq: 29 Jan 2021 17:45

Instrument :
BNA_F
ClientSampleId :
0048-042-COMP-B-ELUTRIATE

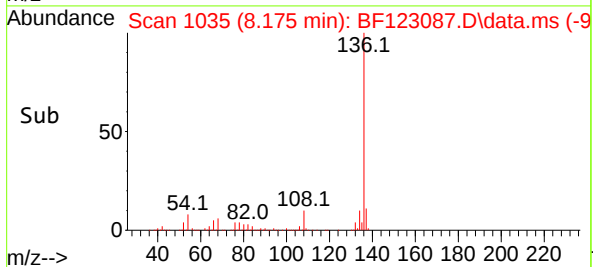
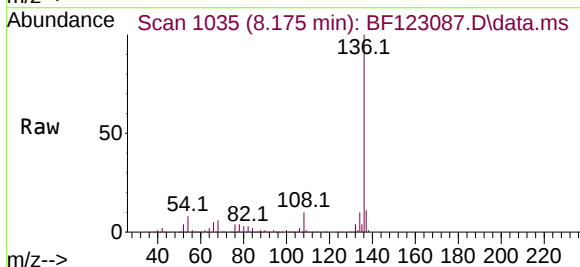
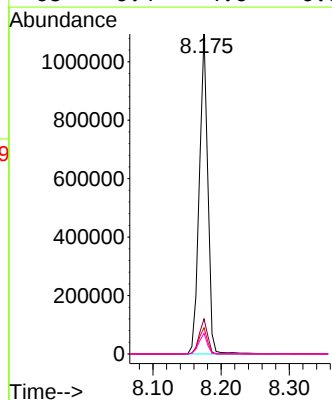


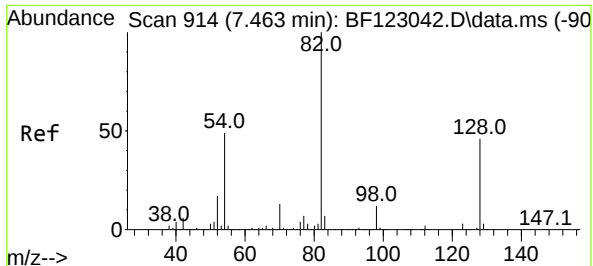
Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.9	43.0	64.4
101	0.0	7.9	11.9#
130	1.9	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123087.D
Acq: 29 Jan 2021 17:45

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.2	5.5	8.3
68	6.4	4.6	6.8





#23

Nitrobenzene-d5

Concen: 66.78 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF123087.D

Acq: 29 Jan 2021 17:45

Tgt Ion: 82 Resp: 1256786

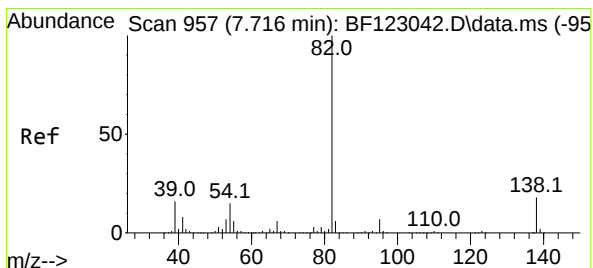
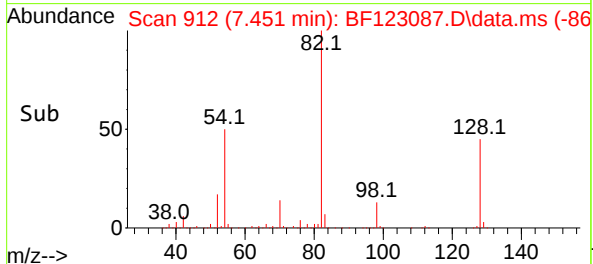
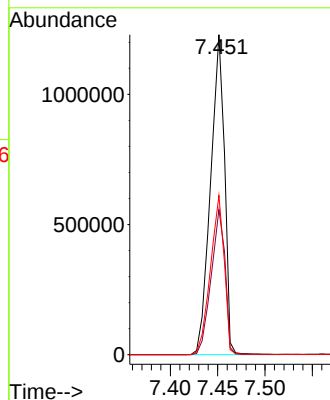
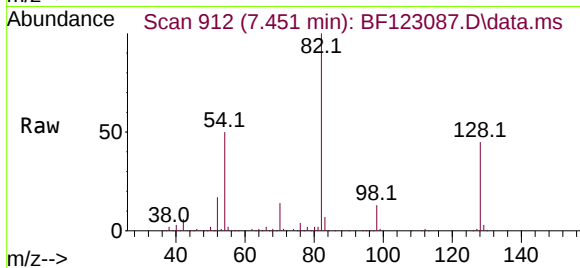
Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.0	55.4
54	49.7	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

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#25

Isophorone

Concen: 36.34 ng

RT: 7.451 min Scan# 912

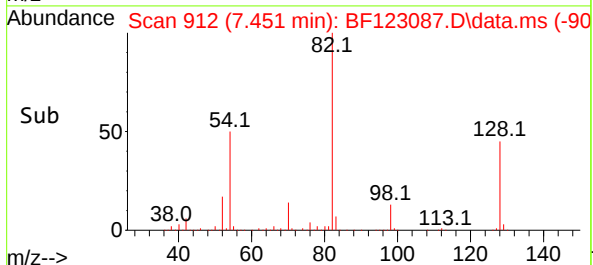
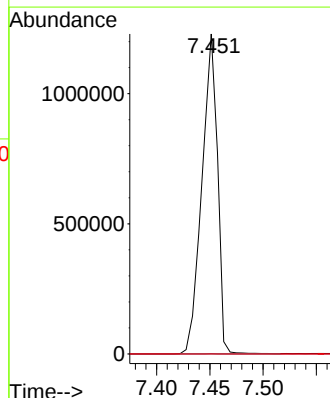
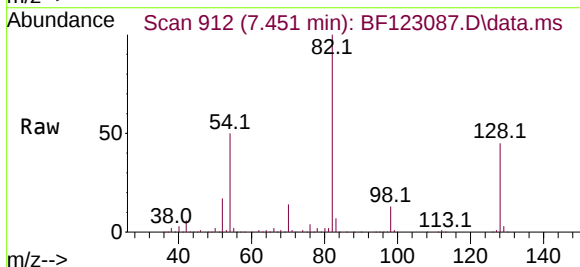
Delta R.T. -0.265 min

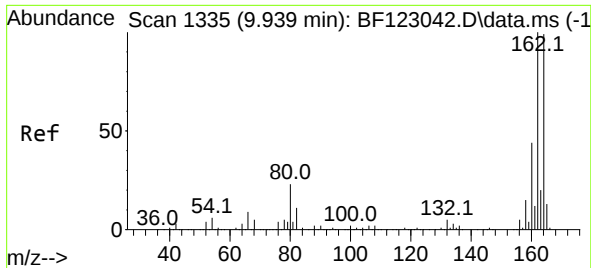
Lab File: BF123087.D

Acq: 29 Jan 2021 17:45

Tgt Ion: 82 Resp: 1252663

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

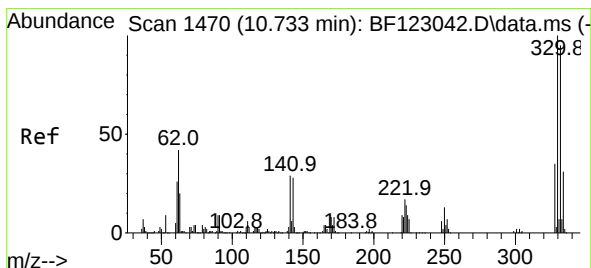
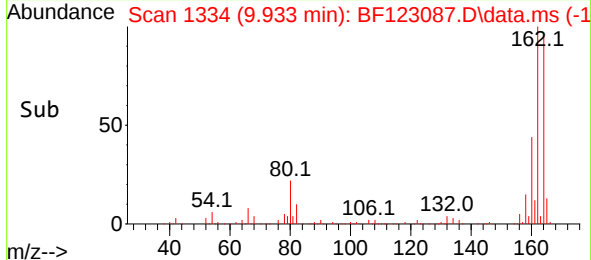
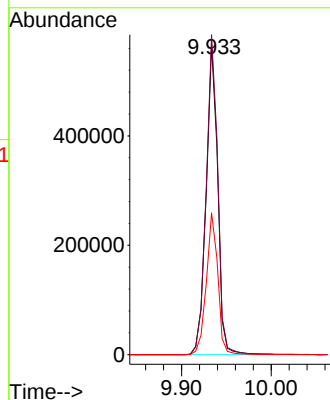
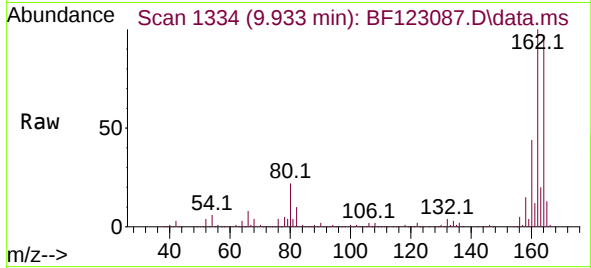




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123087.D
Acq: 29 Jan 2021 17:45

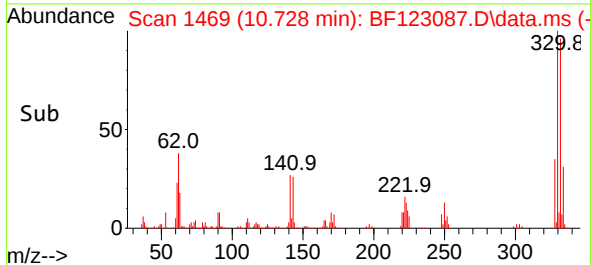
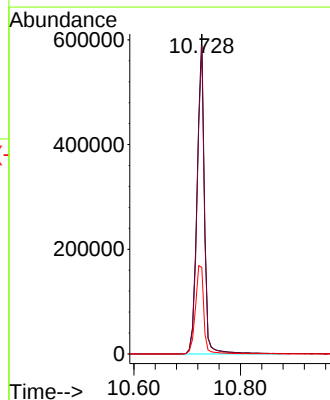
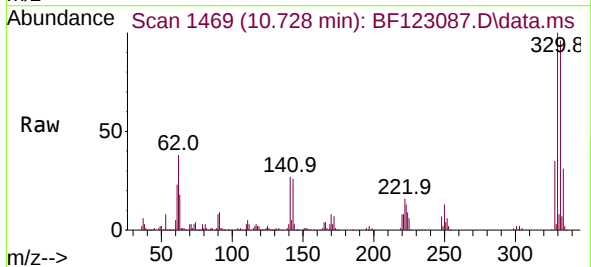
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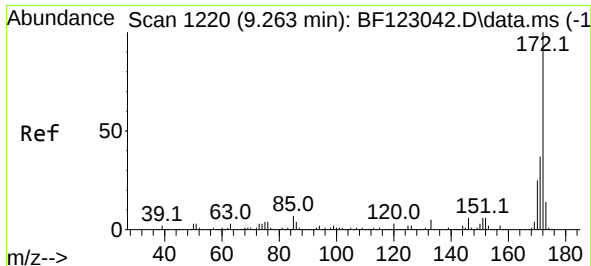
Tgt Ion:164 Resp: 508634
Ion Ratio Lower Upper
164 100
162 103.3 80.8 121.2
160 45.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 104.99 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123087.D
Acq: 29 Jan 2021 17:45

Tgt Ion:330 Resp: 579682
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 32.2 23.8 35.8

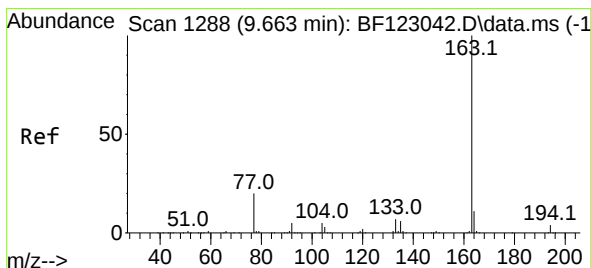
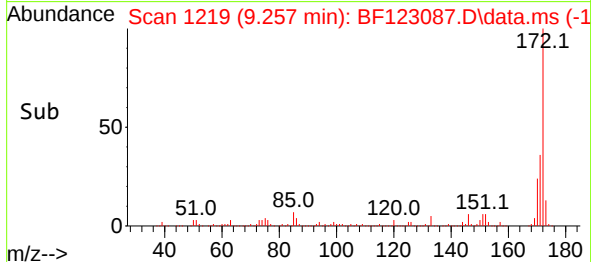
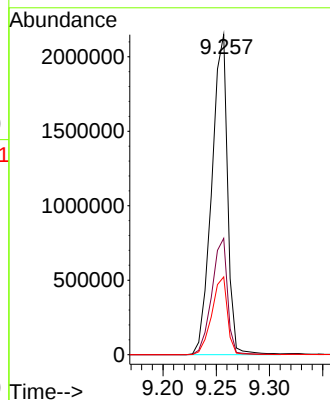
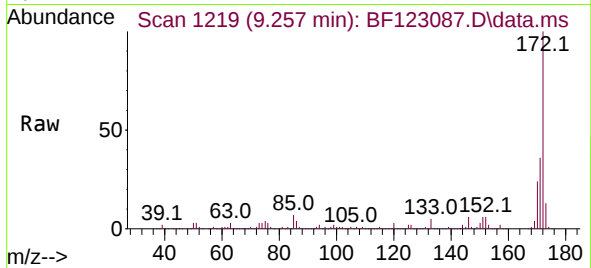




#45
2-Fluorobiphenyl
Concen: 64.96 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123087.D
Acq: 29 Jan 2021 17:45

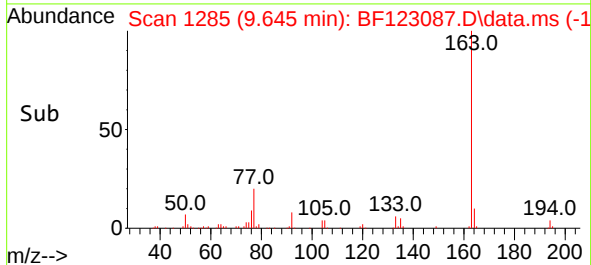
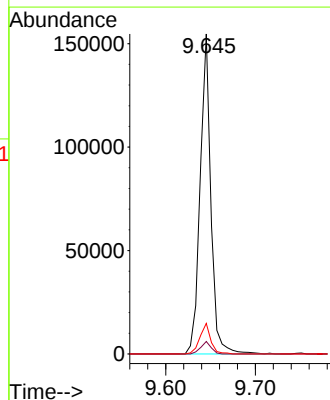
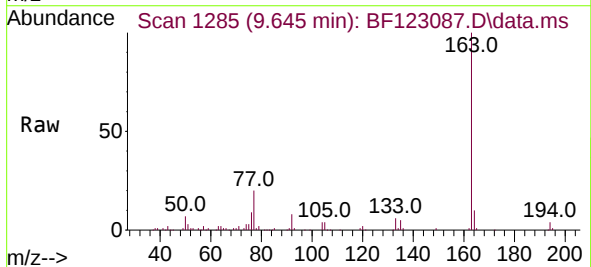
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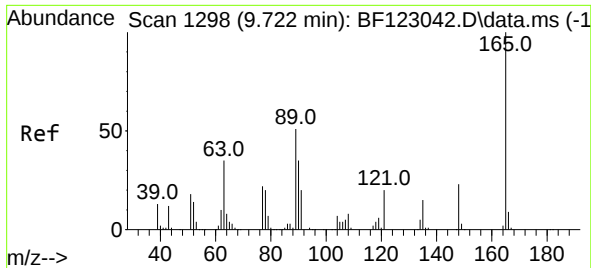
Tgt Ion:172 Resp: 2222583
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.3 19.5 29.3



#50
Dimethylphthalate
Concen: 3.22 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123087.D
Acq: 29 Jan 2021 17:45

Tgt Ion:163 Resp: 128533
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.6 8.1 12.1

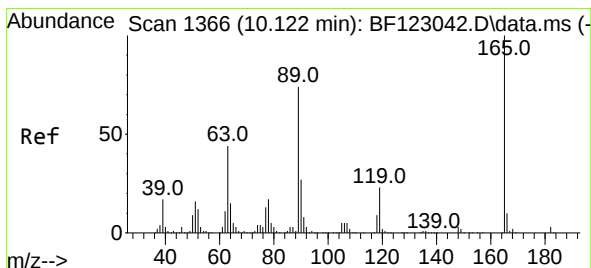
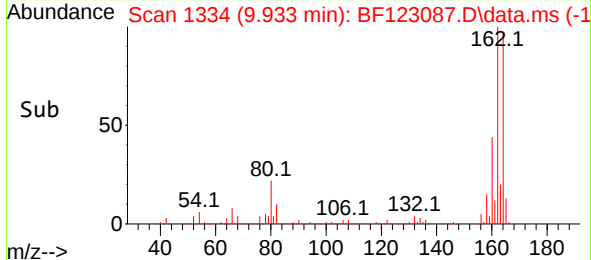
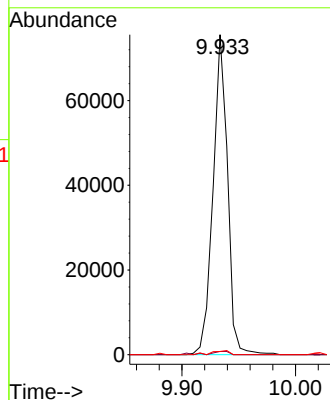
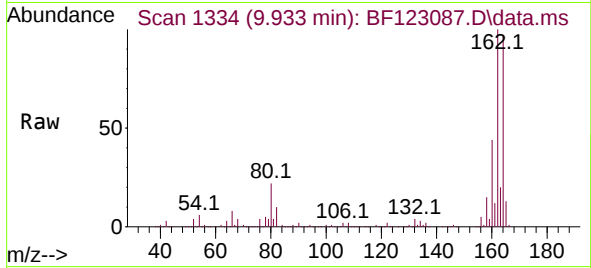




#51
2,6-Dinitrotoluene
Concen: 7.87 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123087.D
Acq: 29 Jan 2021 17:45

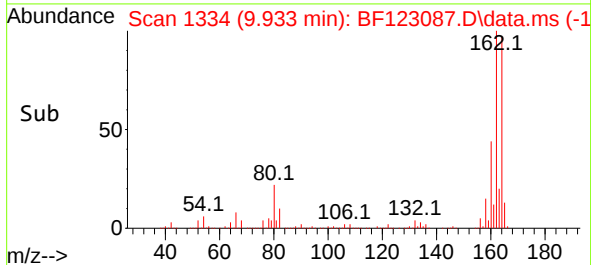
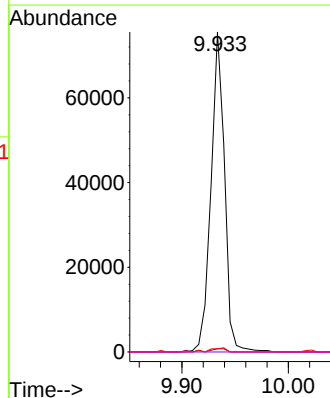
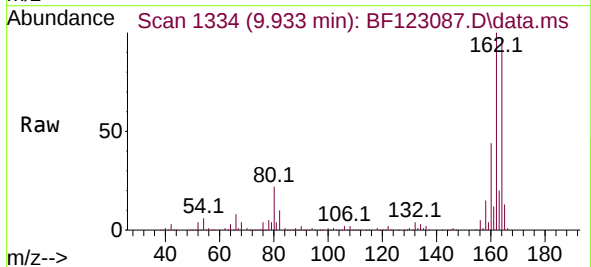
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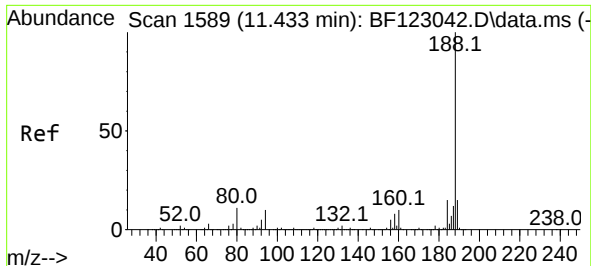
Tgt Ion:165 Resp: 66908
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.0 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 6.05 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123087.D
Acq: 29 Jan 2021 17:45

Tgt Ion:165 Resp: 66909
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.0 55.2 82.8#
182 0.0 2.2 3.2#

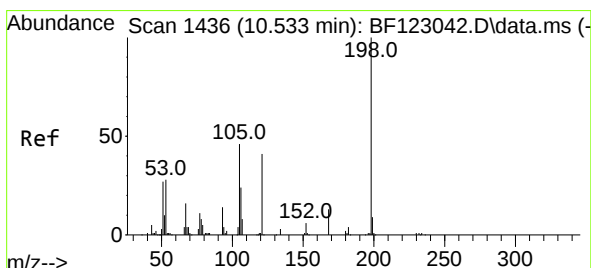
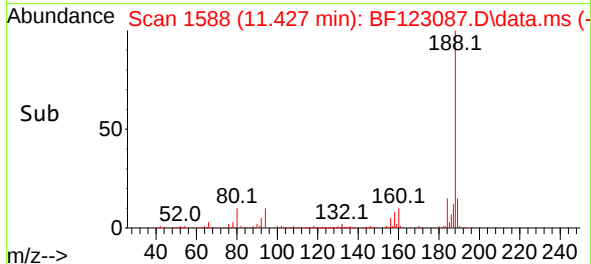
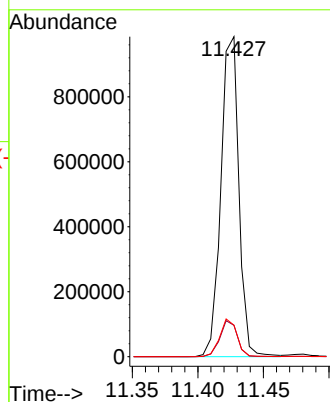
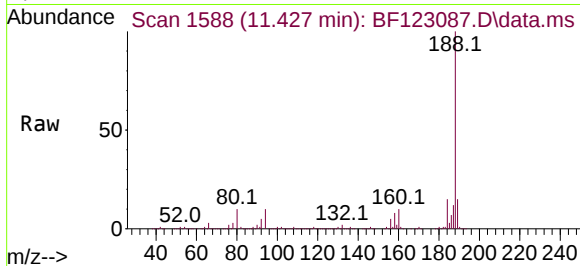




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123087.D
Acq: 29 Jan 2021 17:45

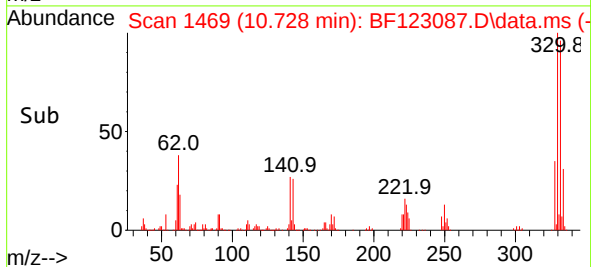
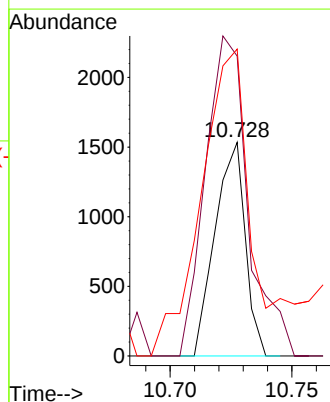
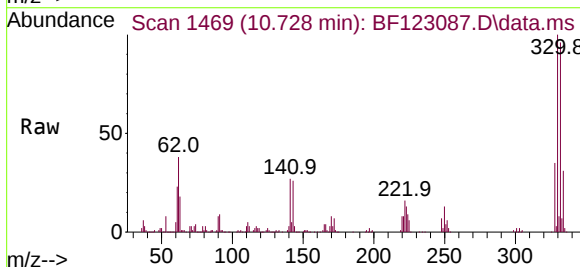
Instrument :
BNA_F
ClientSampleId :
0048-042-COMP-B-ELUTRIATE

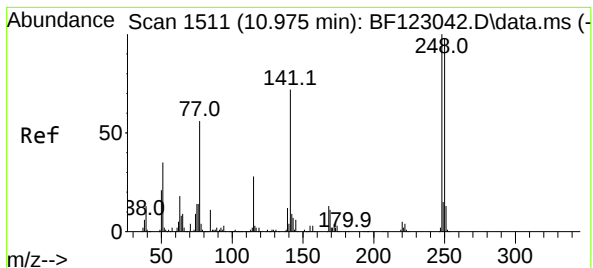
Tgt Ion:188 Resp: 938616
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 9.9 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.20 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.195 min
Lab File: BF123087.D
Acq: 29 Jan 2021 17:45

Tgt Ion:198 Resp: 1319
Ion Ratio Lower Upper
198 100
51 140.4 20.3 60.3#
105 143.7 23.0 63.0#

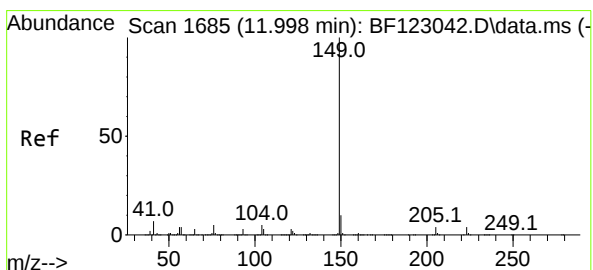
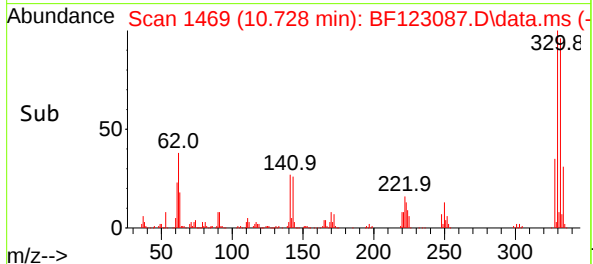
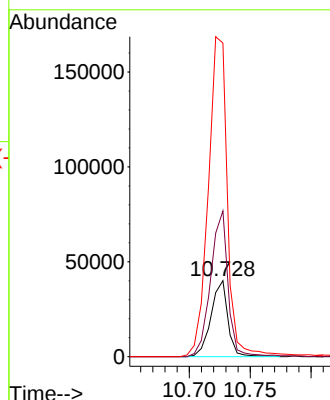
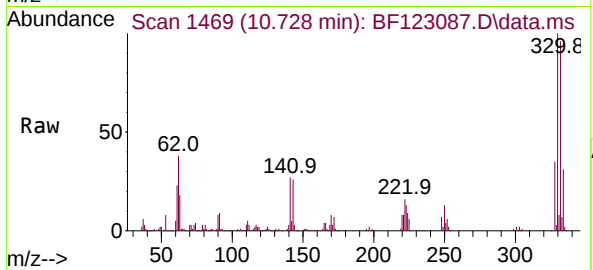




#67
4-Bromophenyl-phenylether
Concen: 3.24 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123087.D
Acq: 29 Jan 2021 17:45

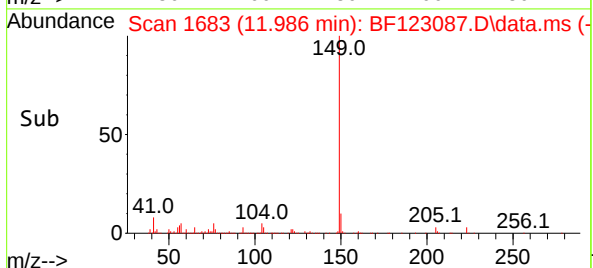
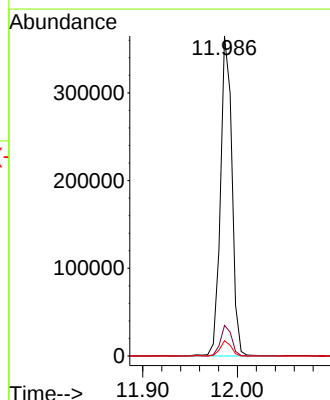
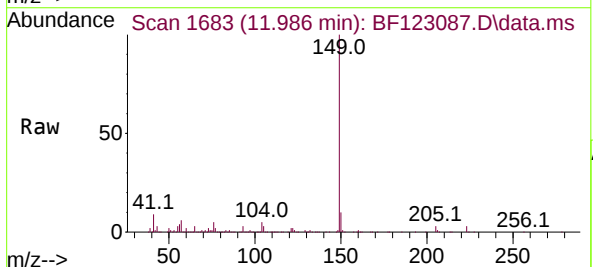
Instrument :
BNA_F
ClientSampleId :
0048-042-COMP-B-ELUTRIATE

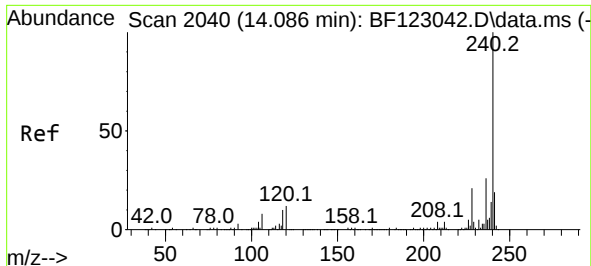
Tgt Ion:248 Resp: 38676
Ion Ratio Lower Upper
248 100
250 192.0 76.8 115.2#
141 413.1 59.8 89.8#



#74
Di-n-butylphthalate
Concen: 4.99 ng
RT: 11.986 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BF123087.D
Acq: 29 Jan 2021 17:45

Tgt Ion:149 Resp: 306868
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.8 4.2 6.4

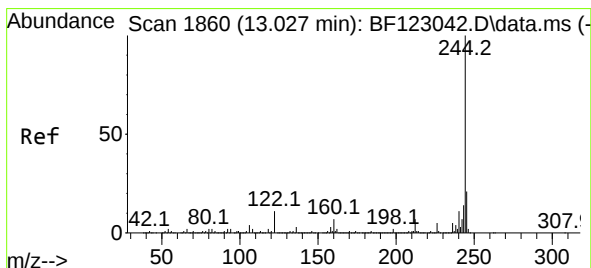
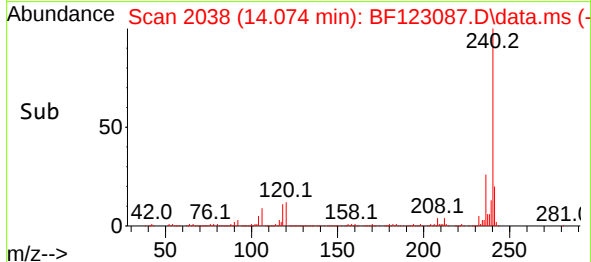
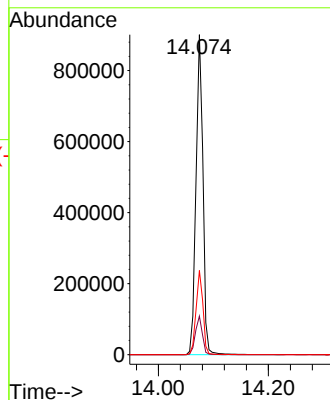
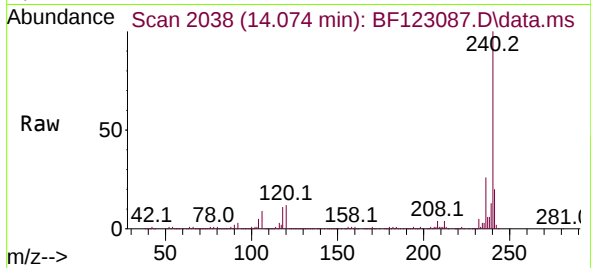




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123087.D
Acq: 29 Jan 2021 17:45

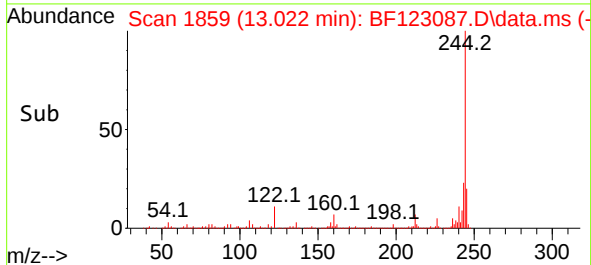
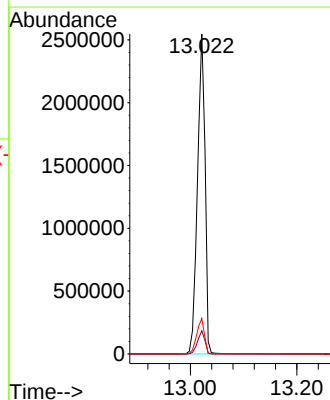
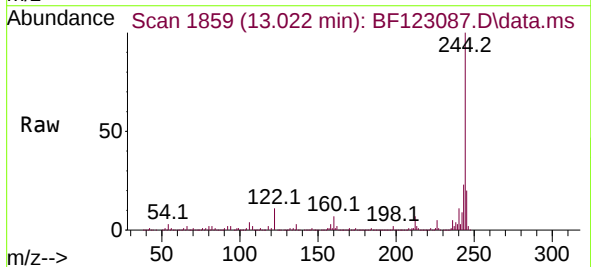
Instrument :
BNA_F
ClientSampleId :
0048-042-COMP-B-ELUTRIATE

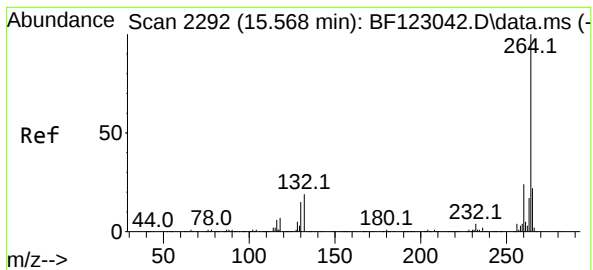
Tgt Ion:240 Resp: 787194
Ion Ratio Lower Upper
240 100
120 12.0 8.6 12.8
236 26.3 20.3 30.5



#79
Terphenyl-d14
Concen: 62.62 ng
RT: 13.022 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123087.D
Acq: 29 Jan 2021 17:45

Tgt Ion:244 Resp: 2508919
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.1 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.563 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF123087.D
 Acq: 29 Jan 2021 17:45

Instrument :
 BNA_F
 ClientSampleId :
 0048-042-COMP-B-ELUTRIATE

Tgt Ion:264 Resp: 631810

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.4	17.0	25.6

