

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052721\
 Data File : BF124092.D
 Acq On : 27 May 2021 15:02
 Operator : JU/CG
 Sample : M2535-03DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-3DDL

Quant Time: May 27 15:38:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 13:12:25 2021
 Response via : Initial Calibration

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

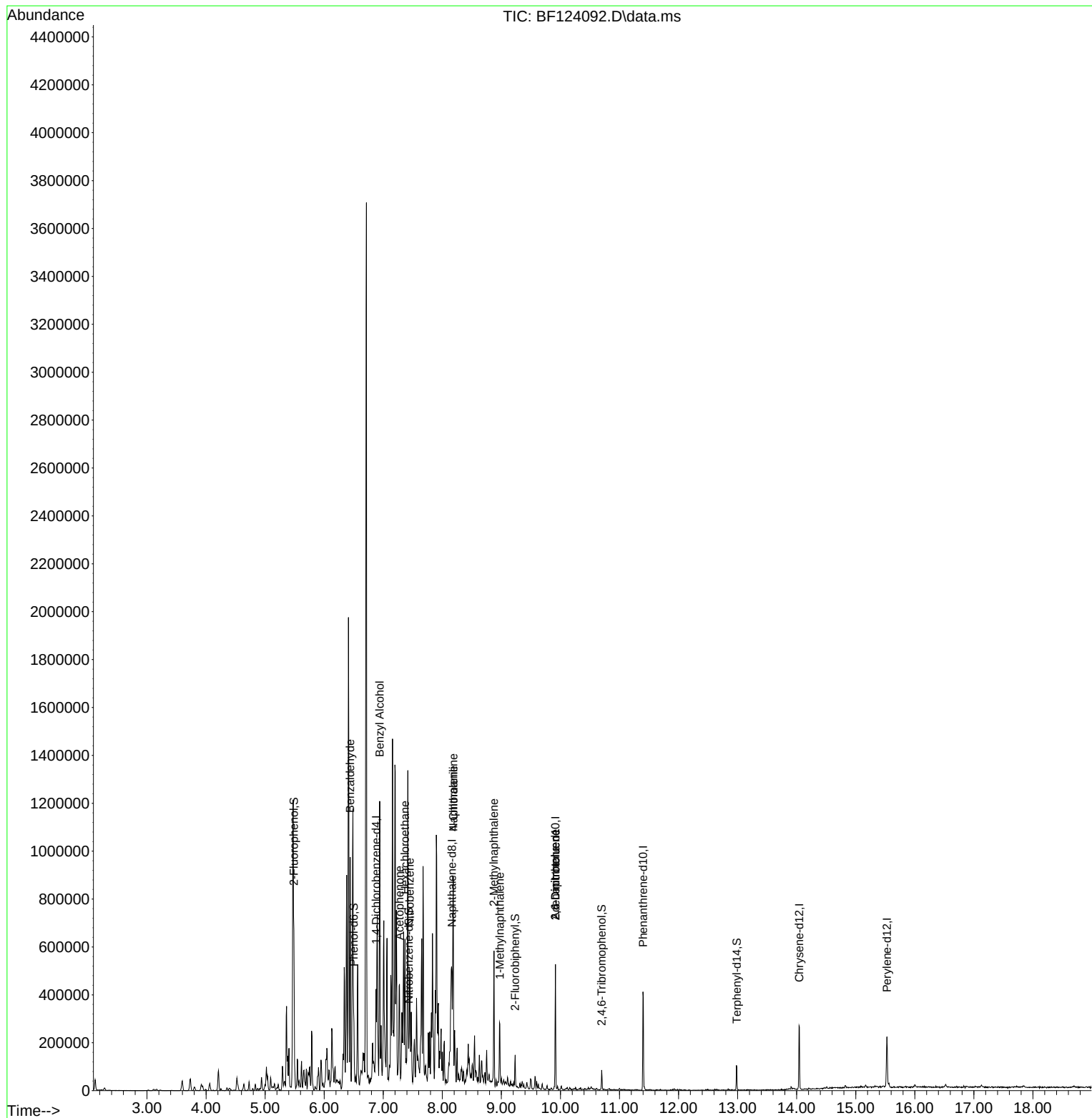
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	41023	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	148962	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	84912	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	143515	20.00	ng	0.00
76) Chrysene-d12	14.045	240	87783	20.00	ng	0.00
86) Perylene-d12	15.527	264	88332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	21349	7.31	ng	0.00
7) Phenol-d6	6.498	99	27895	7.36	ng	-0.01
23) Nitrobenzene-d5	7.434	82	22790	6.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	7838	7.69	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	33043	4.79	ng	0.00
79) Terphenyl-d14	12.986	244	31473	5.43	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.439	77	32546	19.84	ng	# 1
15) Benzyl Alcohol	6.939	79	33214	10.15	ng	# 9
18) Hexachloroethane	7.369	117	13161	9.80	ng	# 1
22) Acetophenone	7.275	105	95580	22.60	ng	# 50
24) Nitrobenzene	7.451	77	9929	2.81	ng	# 7
31) Naphthalene	8.186	128	228882	25.96	ng	97
33) 4-Chloroaniline	8.186	127	36575	10.90	ng	# 46
37) 2-Methylnaphthalene	8.875	142	115285	19.29	ng	99
38) 1-Methylnaphthalene	8.975	142	49878	8.95	ng	95
51) 2,6-Dinitrotoluene	9.916	165	11649	8.50	ng	# 11
57) 2,4-Dinitrotoluene	9.916	165	11649	6.93	ng	# 17

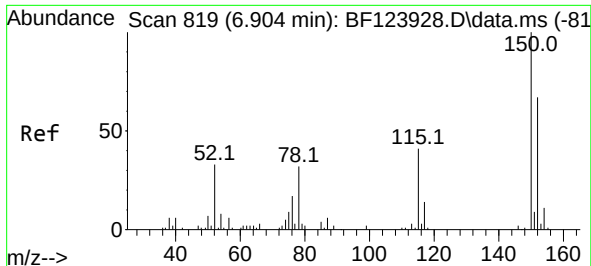
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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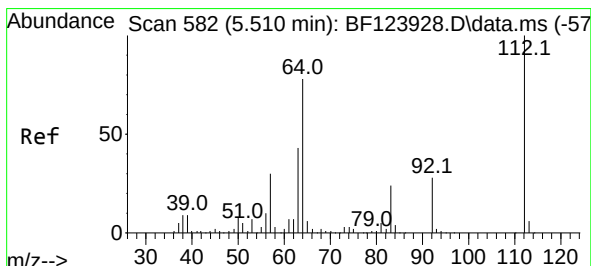
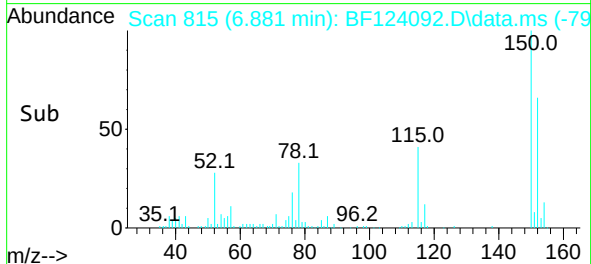
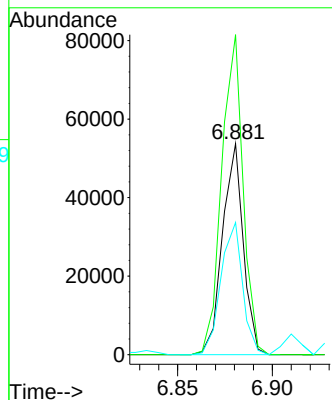
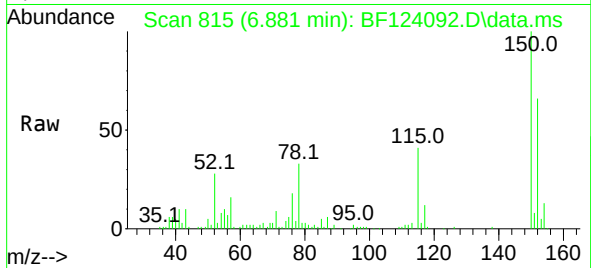




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

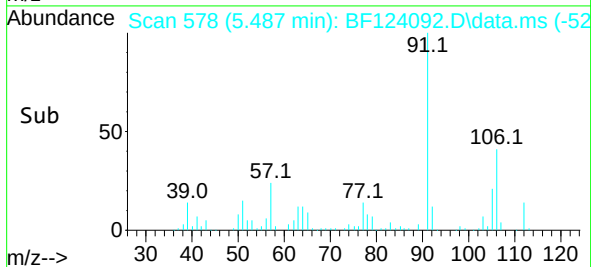
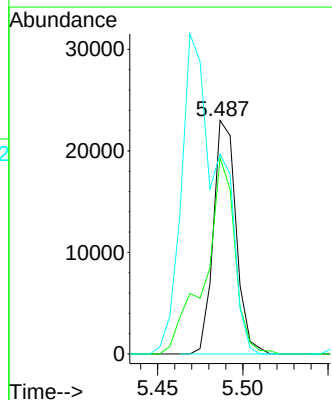
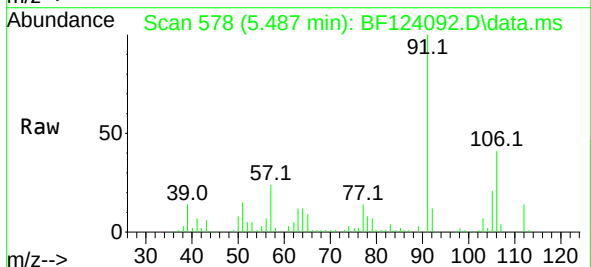
Instrument :
BNA_F
ClientSampleId :
GHOST-3DDL

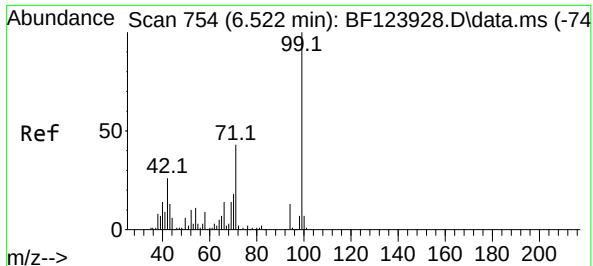
Tgt Ion:152 Resp: 41023
Ion Ratio Lower Upper
152 100
150 151.6 127.0 190.6
115 62.6 54.3 81.5



#5
2-Fluorophenol
Concen: 7.31 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

Tgt Ion:112 Resp: 21349
Ion Ratio Lower Upper
112 100
64 84.0 61.4 92.0
63 85.6 33.0 49.4#

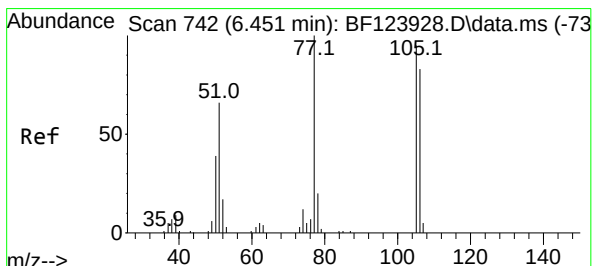
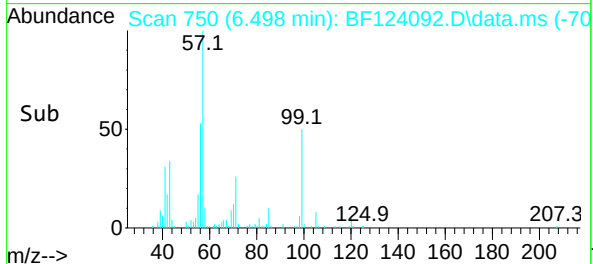
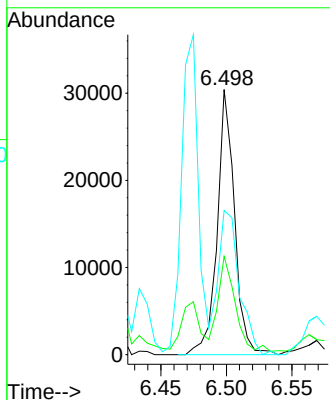
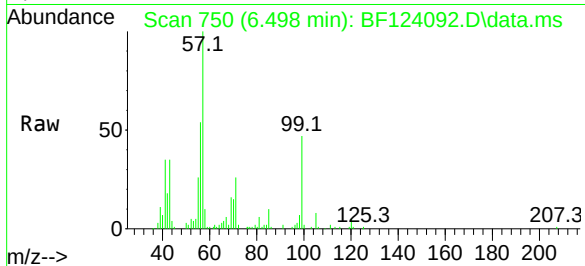




#7
Phenol-d6
Concen: 7.36 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

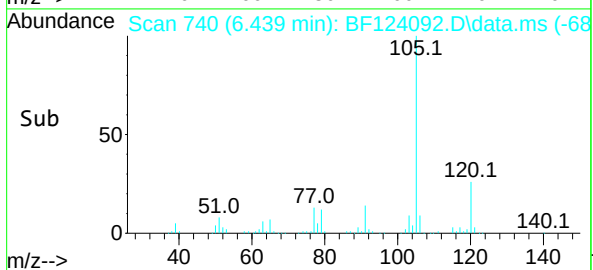
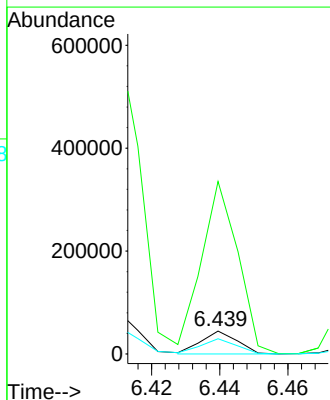
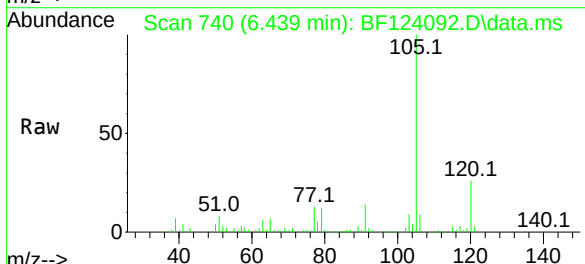
Instrument :
BNA_F
ClientSampleId :
GHOST-3DDL

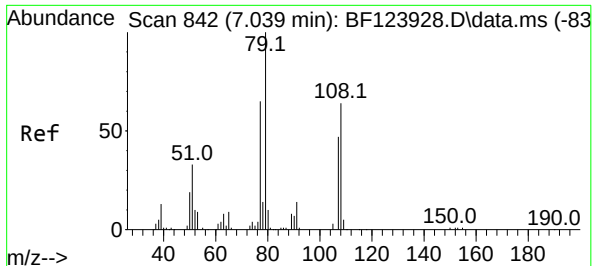
Tgt Ion: 99 Resp: 27895
Ion Ratio Lower Upper
99 100
42 37.0 19.8 29.8#
71 54.4 31.1 46.7#



#9
Benzaldehyde
Concen: 19.84 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.012 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

Tgt Ion: 77 Resp: 32546
Ion Ratio Lower Upper
77 100
105 751.5 75.2 115.2#
106 66.1 71.6 111.6#





#15

Benzyl Alcohol

Concen: 10.15 ng

RT: 6.939 min Scan# 825

Delta R.T. -0.076 min

Lab File: BF124092.D

Acq: 27 May 2021 15:02

Tgt Ion: 79 Resp: 33214

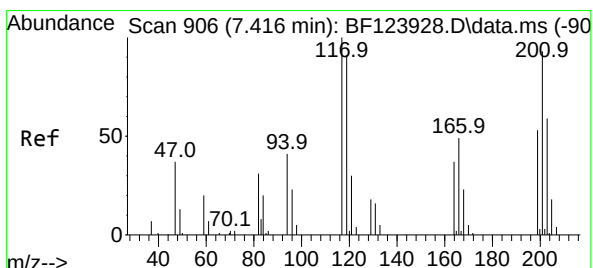
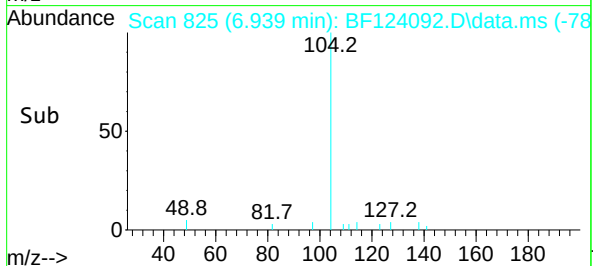
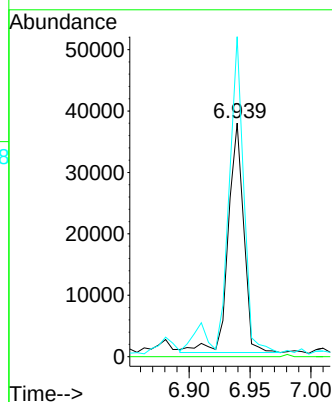
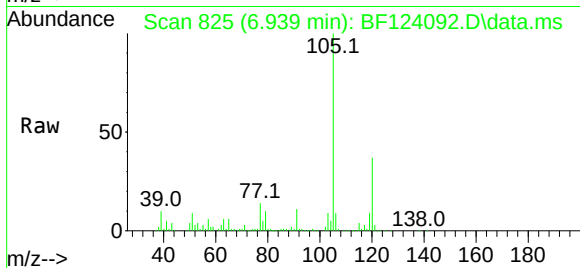
Ion	Ratio	Lower	Upper
79	100		
108	0.0	55.8	83.8#
77	136.9	49.9	74.9#

Instrument :

BNA_F

ClientSampleId :

GHOST-3DDL



#18

Hexachloroethane

Concen: 9.80 ng

RT: 7.369 min Scan# 898

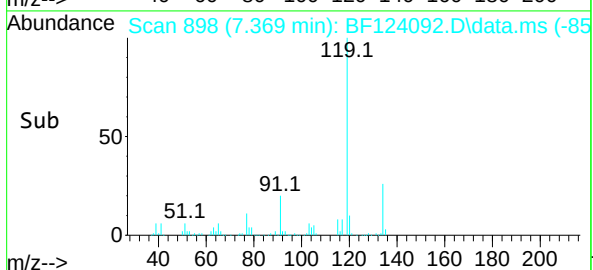
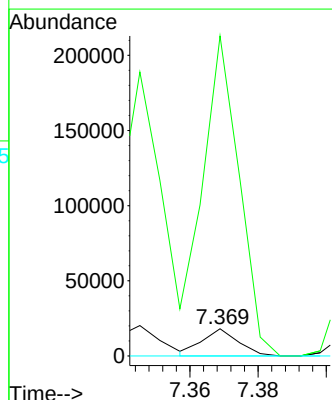
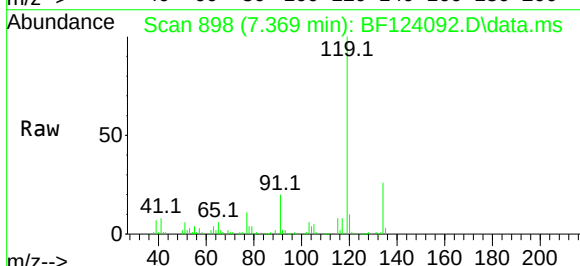
Delta R.T. -0.024 min

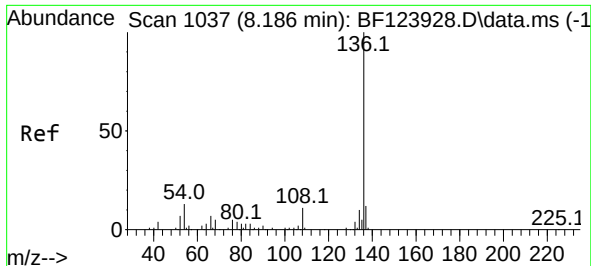
Lab File: BF124092.D

Acq: 27 May 2021 15:02

Tgt Ion: 117 Resp: 13161

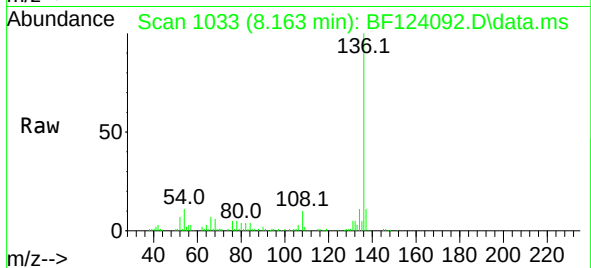
Ion	Ratio	Lower	Upper
117	100		
119	1179.3	77.8	116.8#
201	0.0	67.8	101.8#



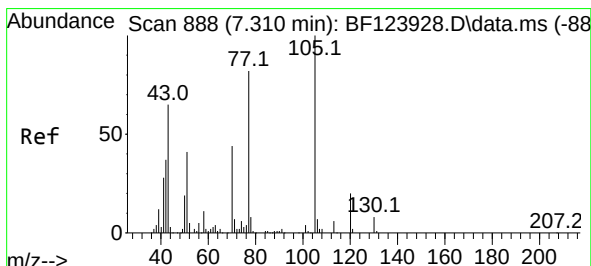
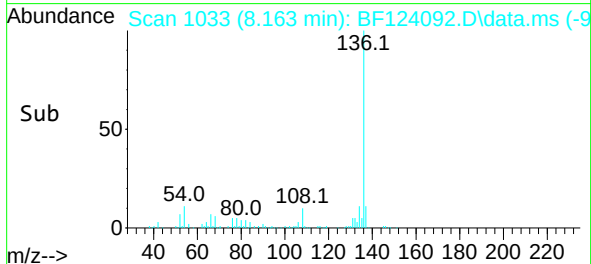
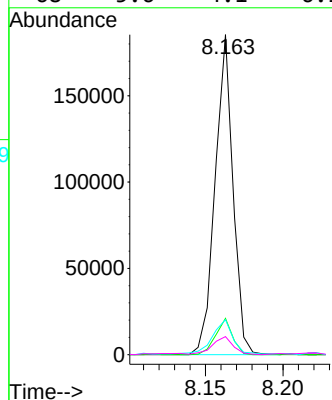


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

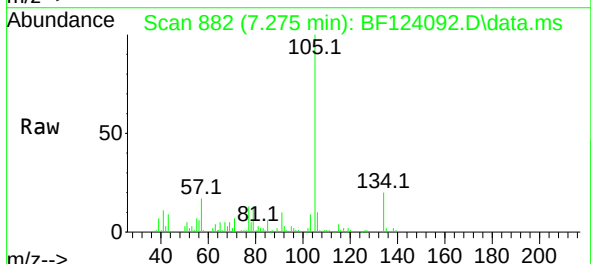
Instrument :
BNA_F
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GHOST-3DDL



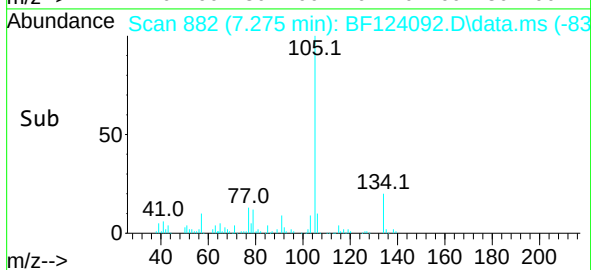
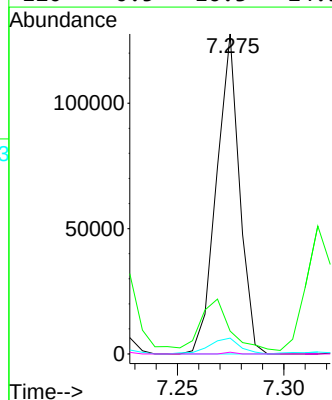
Tgt	Ion:136	Resp:	148962
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	11.0	9.8	14.6
68	5.6	4.1	6.1

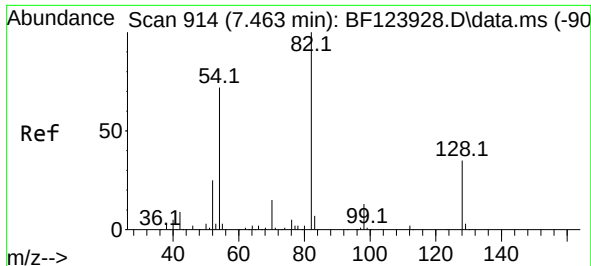


#22
Acetophenone
Concen: 22.60 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02



Tgt	Ion:105	Resp:	95580
Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.2	6.4#
51	5.0	33.6	50.4#
120	0.5	16.3	24.5#

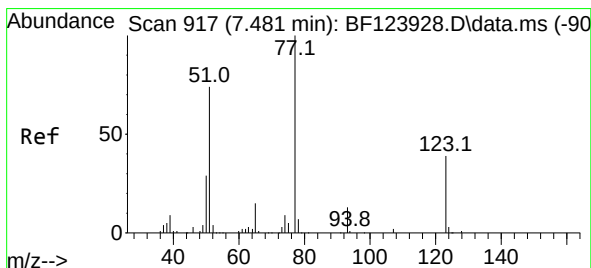
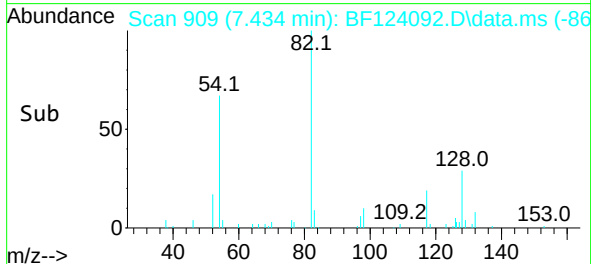
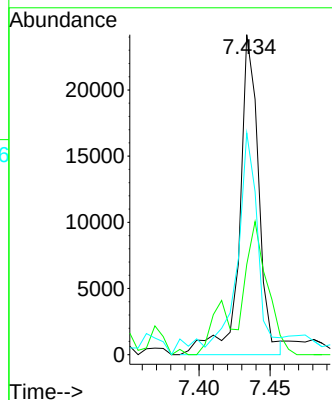
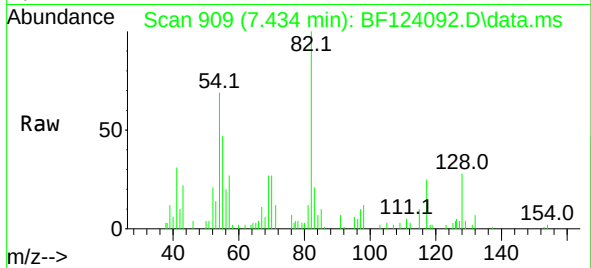




#23
Nitrobenzene-d5
Concen: 6.59 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

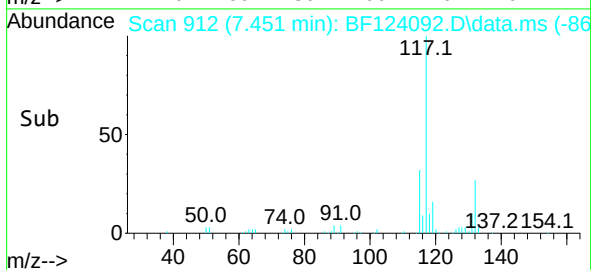
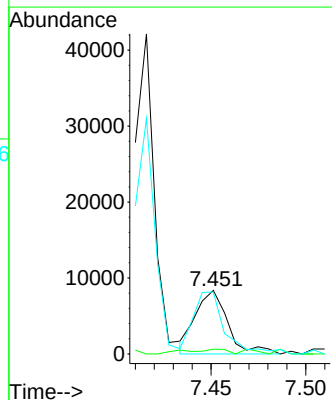
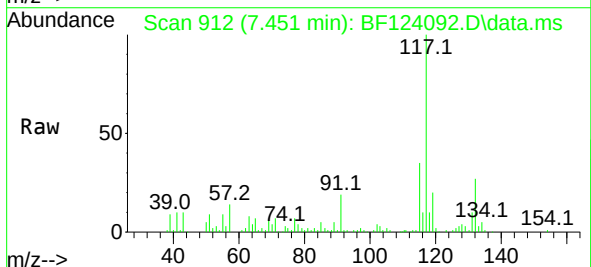
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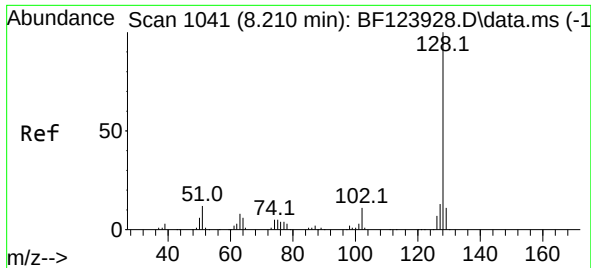
Tgt Ion: 82 Resp: 22790
Ion Ratio Lower Upper
82 100
128 28.2 29.4 44.2#
54 69.3 54.1 81.1



#24
Nitrobenzene
Concen: 2.81 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

Tgt Ion: 77 Resp: 9929
Ion Ratio Lower Upper
77 100
123 7.4 34.5 51.7#
65 97.4 12.2 18.2#

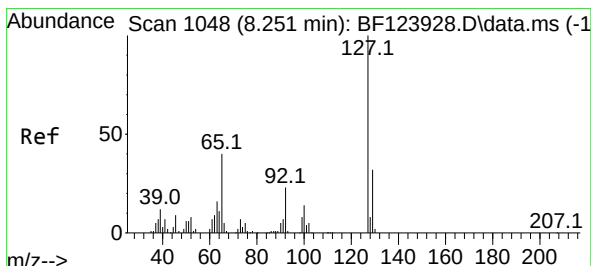
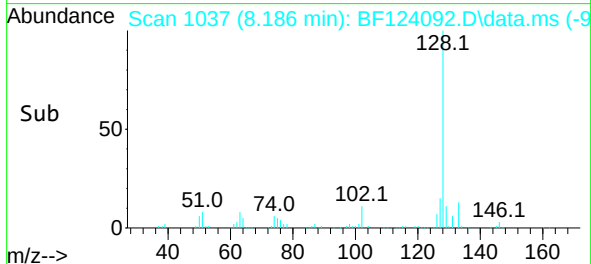
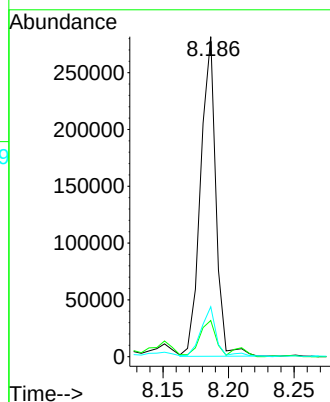
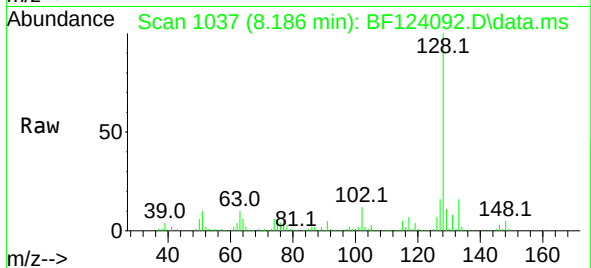




#31
Naphthalene
Concen: 25.96 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

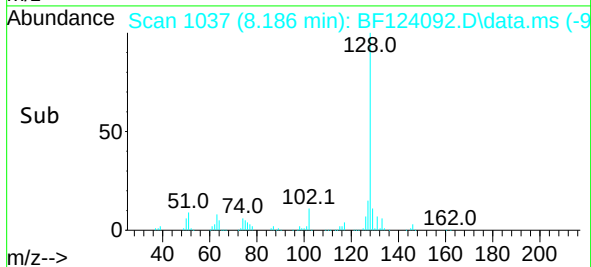
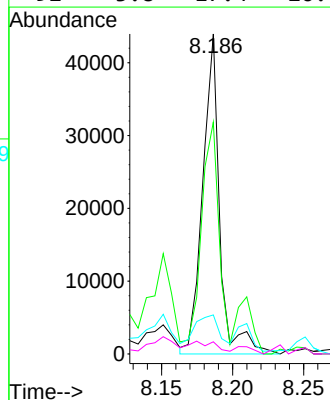
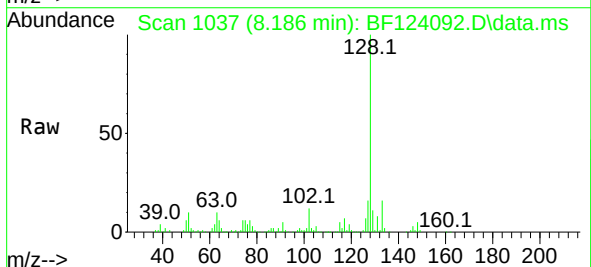
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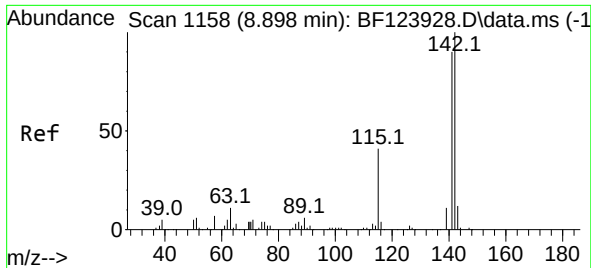
Tgt Ion:128 Resp: 228882
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 15.6 10.8 16.2



#33
4-Chloroaniline
Concen: 10.90 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.047 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

Tgt Ion:127 Resp: 36575
Ion Ratio Lower Upper
127 100
129 72.5 25.7 38.5#
65 12.2 34.5 51.7#
92 3.8 17.4 26.0#

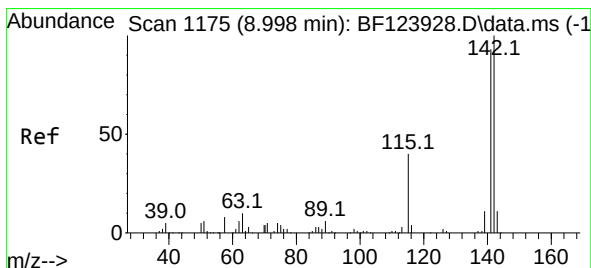
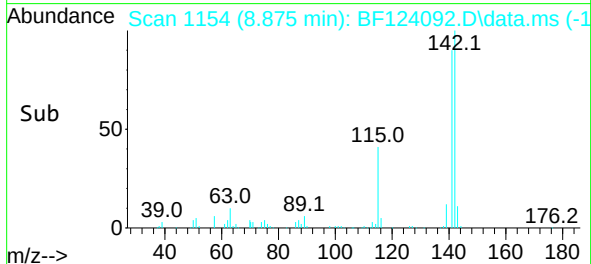
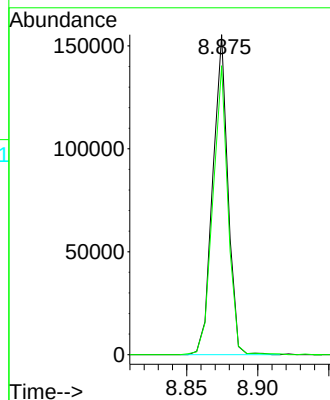
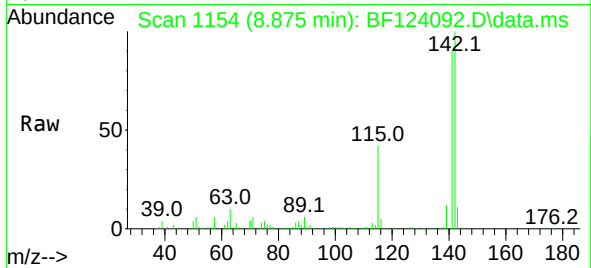




#37
2-Methylnaphthalene
Concen: 19.29 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

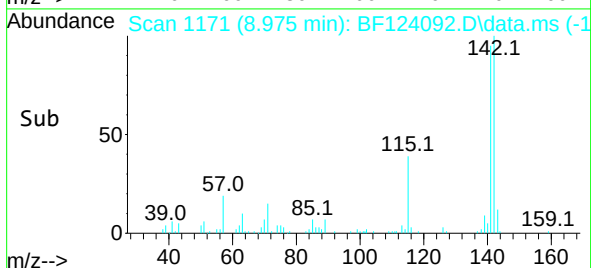
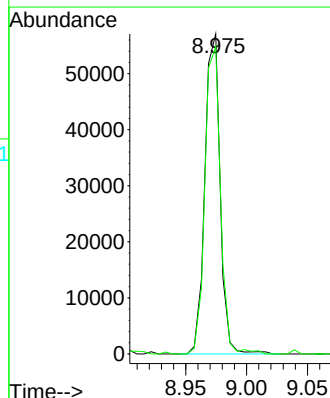
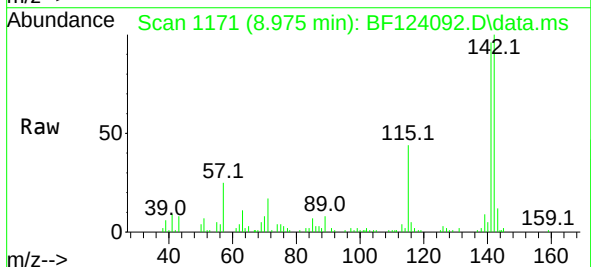
Instrument :
BNA_F
ClientSampleId :
GHOST-3DDL

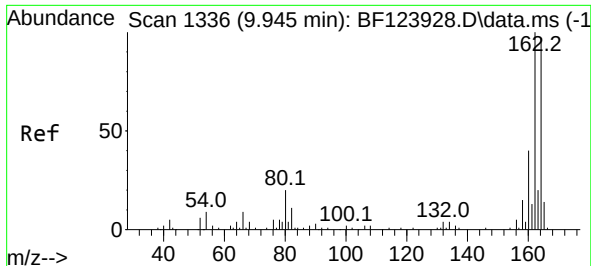
Tgt Ion:142 Resp: 115285
Ion Ratio Lower Upper
142 100
141 90.3 71.8 107.6



#38
1-Methylnaphthalene
Concen: 8.95 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

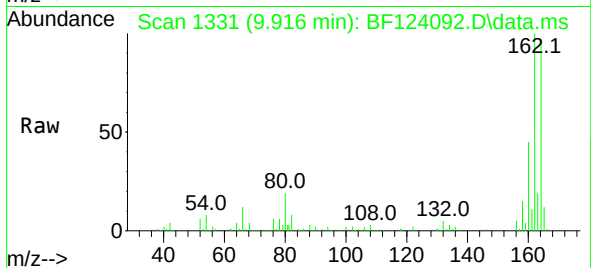
Tgt Ion:142 Resp: 49878
Ion Ratio Lower Upper
142 100
141 96.0 72.8 109.2



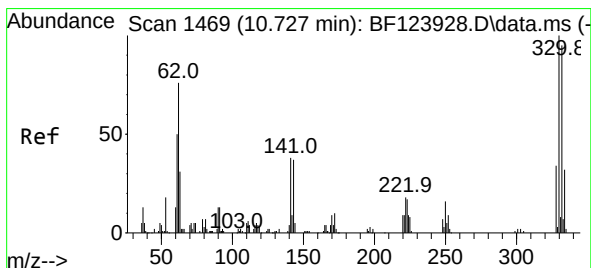
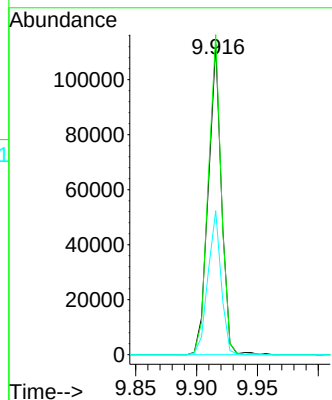
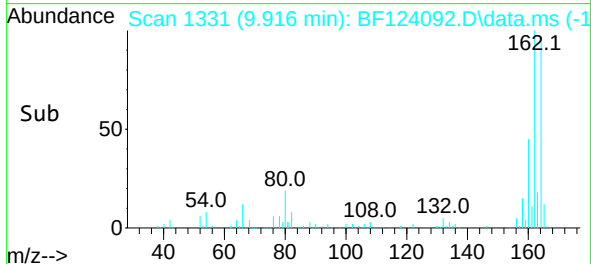


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

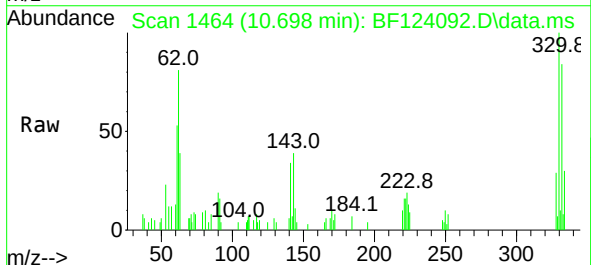
Instrument :
BNA_F
ClientSampleId :
GHOST-3DDL



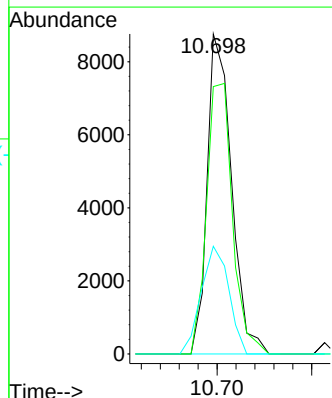
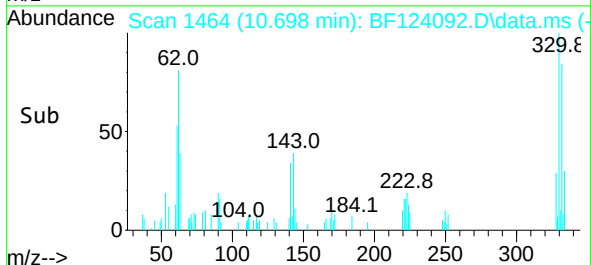
Tgt Ion:164 Resp: 84912
Ion Ratio Lower Upper
164 100
162 103.1 80.7 121.1
160 46.4 37.3 55.9

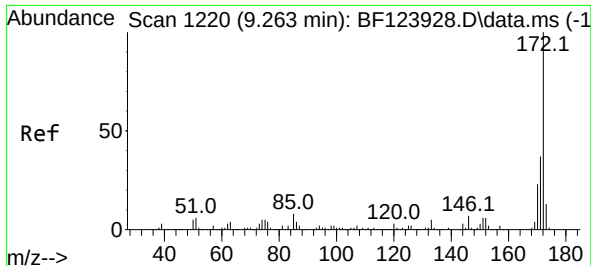


#42
2,4,6-Tribromophenol
Concen: 7.69 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02



Tgt Ion:330 Resp: 7838
Ion Ratio Lower Upper
330 100
332 90.2 77.1 115.7
141 38.1 27.9 41.9

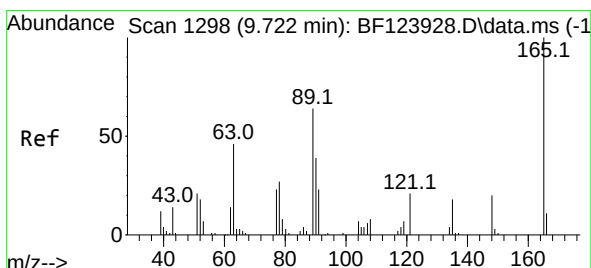
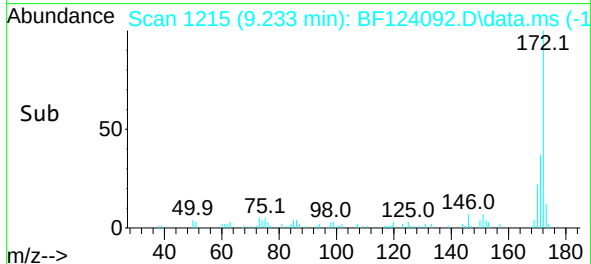
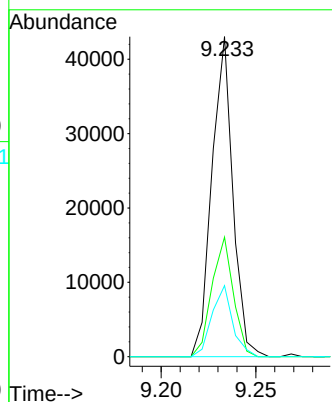
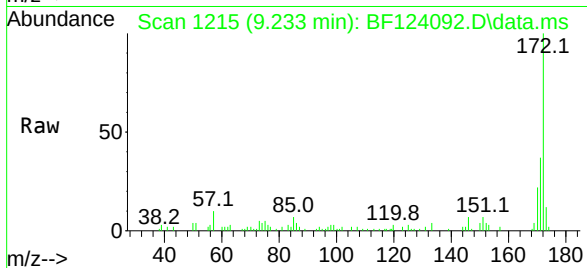




#45
2-Fluorobiphenyl
Concen: 4.79 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

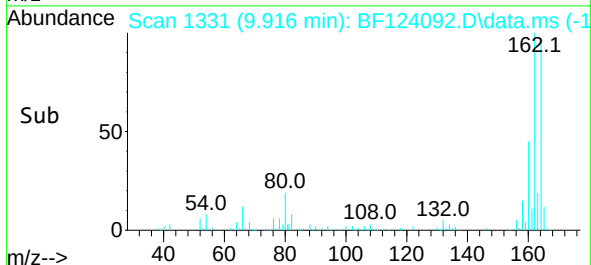
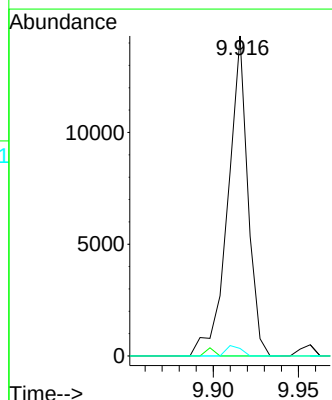
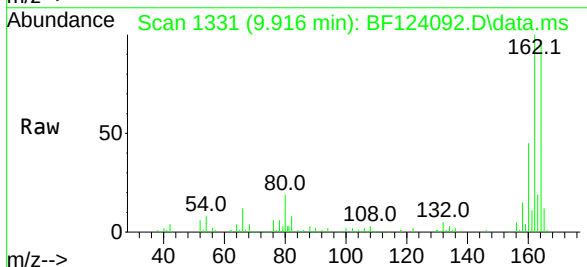
Instrument :
BNA_F
ClientSampleId :
GHOST-3DDL

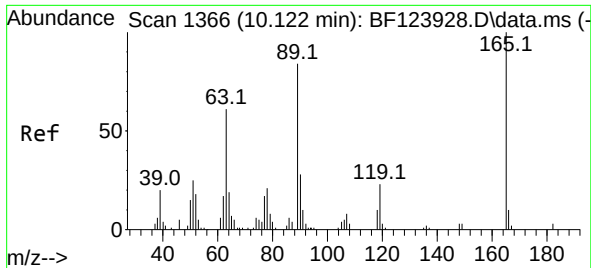
Tgt Ion:172 Resp: 33043
Ion Ratio Lower Upper
172 100
171 37.3 28.1 42.1
170 22.2 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.50 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.218 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

Tgt Ion:165 Resp: 11649
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 2.3 58.8 88.2#

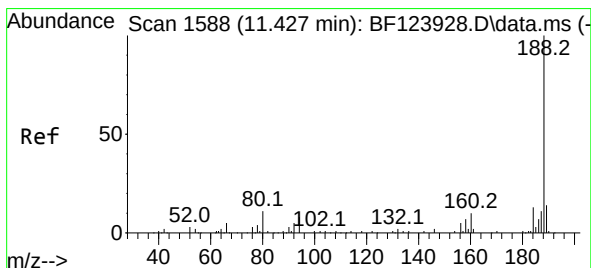
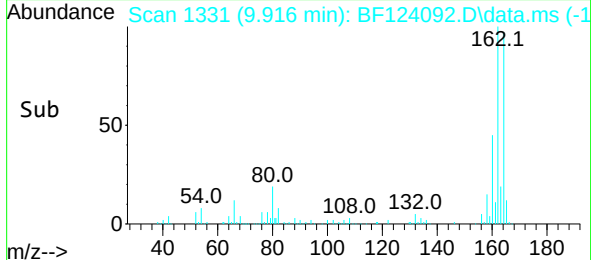
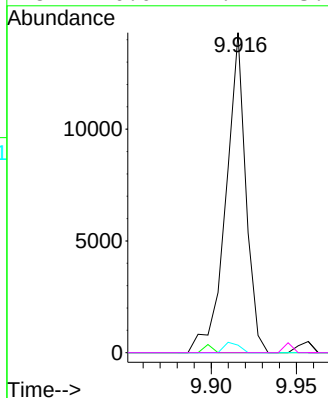
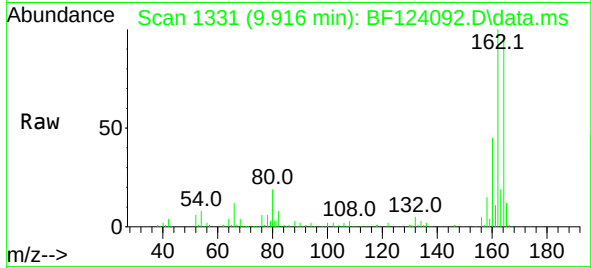




#57
2,4-Dinitrotoluene
Concen: 6.93 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

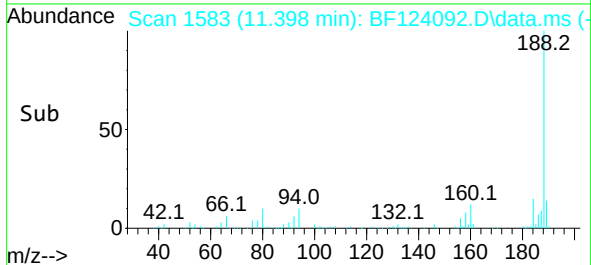
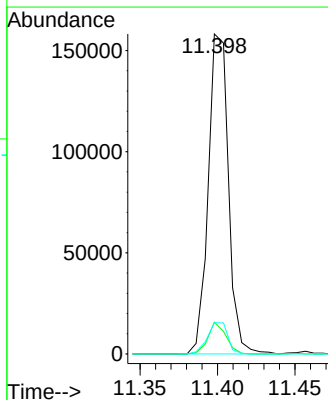
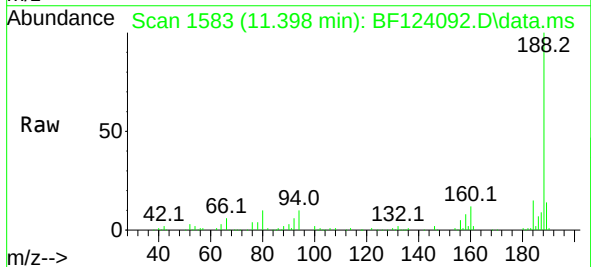
Instrument :
BNA_F
ClientSampleId :
GHOST-3DDL

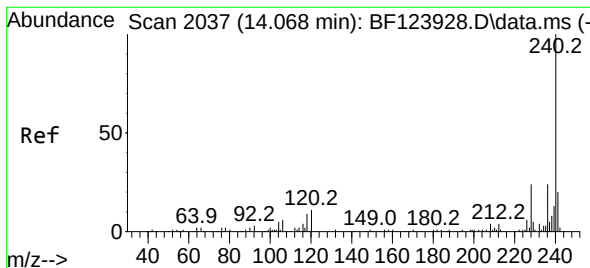
Tgt Ion:165	Resp:	11649
Ion Ratio	Lower	Upper
165	100	
63	0.0	43.5 65.3#
89	2.3	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124092.D
Acq: 27 May 2021 15:02

Tgt Ion:188	Resp:	143515
Ion Ratio	Lower	Upper
188	100	
94	10.0	6.9 10.3
80	9.8	8.2 12.2





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF124092.D

Acq: 27 May 2021 15:02

Tgt Ion:240 Resp: 87783

Ion Ratio Lower Upper

240 100

120 7.9 7.2 10.8

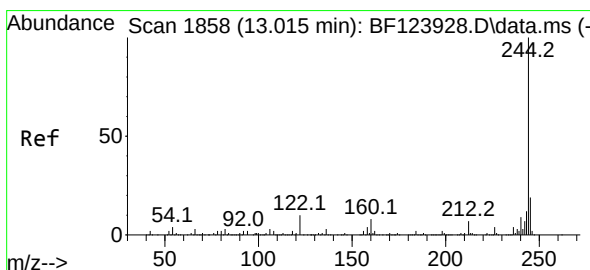
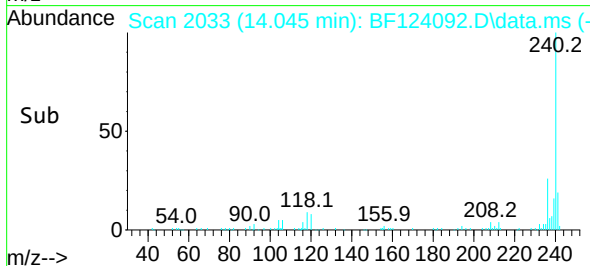
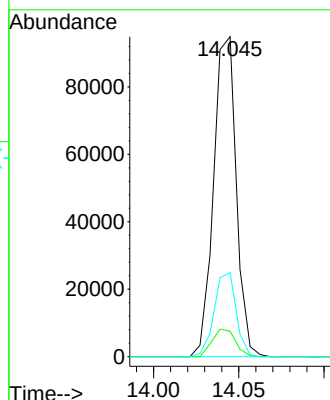
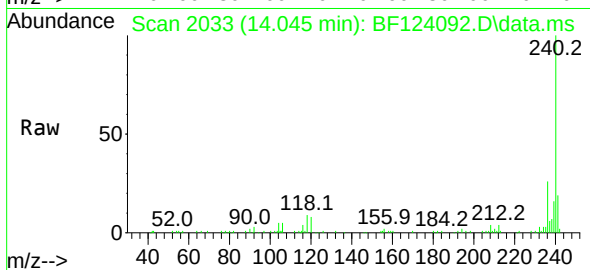
236 26.3 19.0 28.4

Instrument :

BNA_F

ClientSampleId :

GHOST-3DDL



#79

Terphenyl-d14

Concen: 5.43 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BF124092.D

Acq: 27 May 2021 15:02

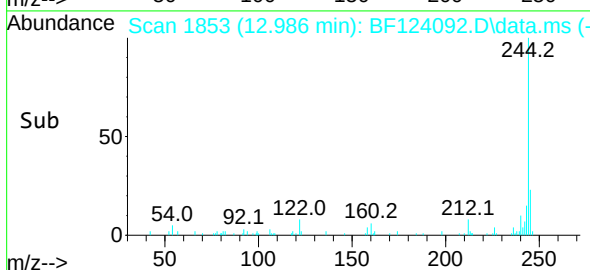
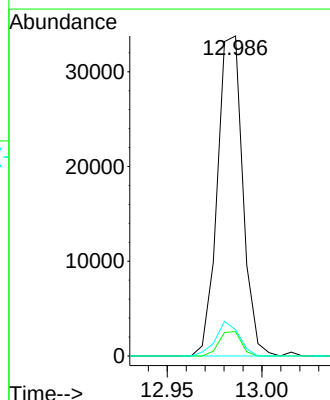
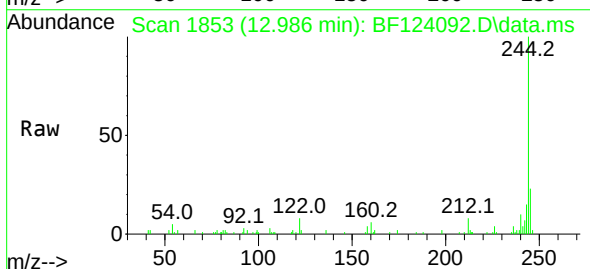
Tgt Ion:244 Resp: 31473

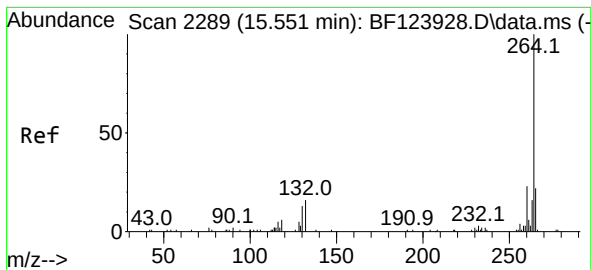
Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 8.2 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: BF124092.D
 Acq: 27 May 2021 15:02

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-3DDL

Tgt Ion:264	Resp:	88332
Ion Ratio	Lower	Upper
264	100	
260	23.6	18.7 28.1
265	22.9	17.8 26.8

