

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052721\
 Data File : BF124095.D
 Acq On : 27 May 2021 16:40
 Operator : JU/CG
 Sample : M2535-01DL2 50X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-1DDL2

Quant Time: May 27 17:05:25 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)

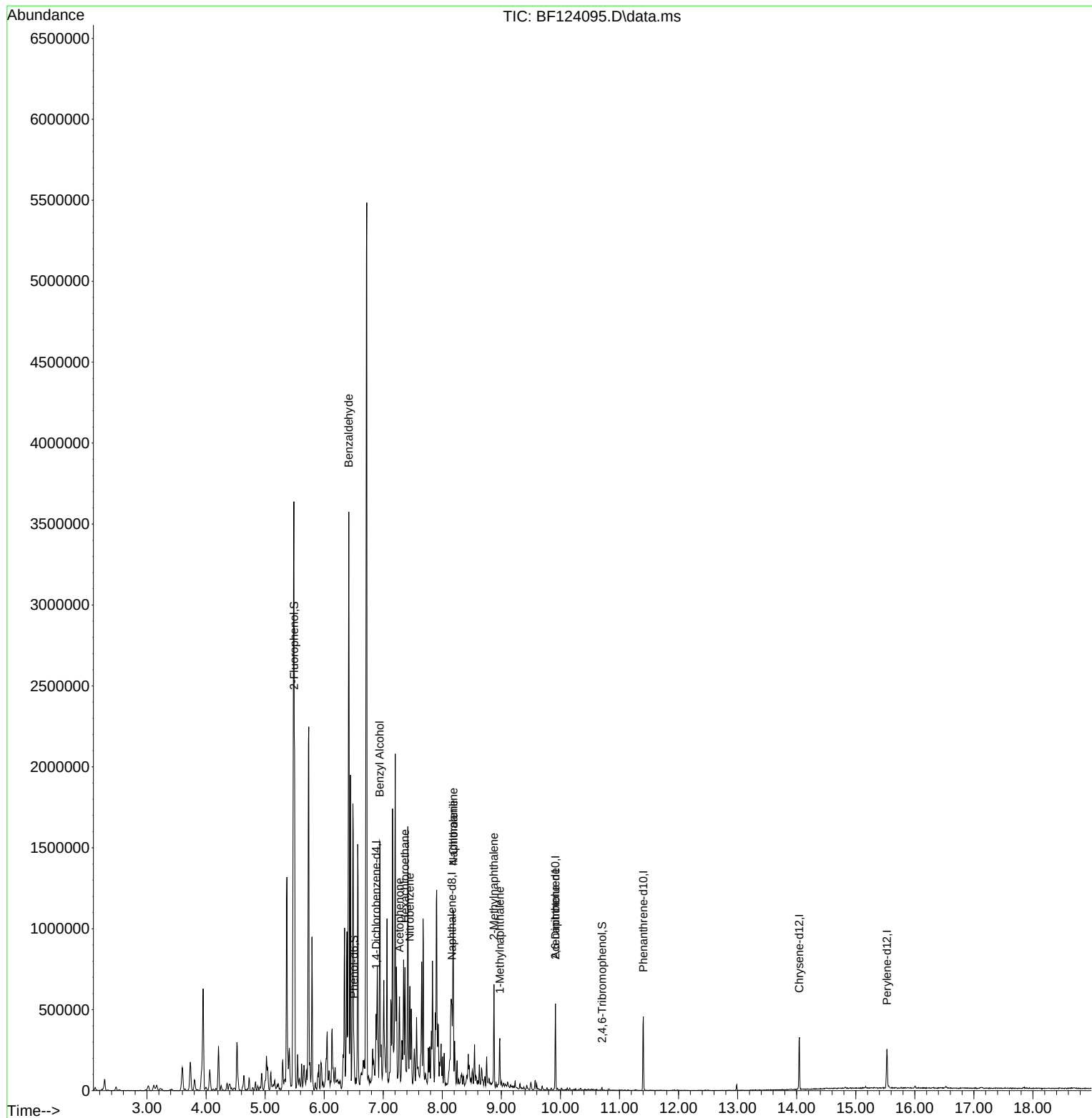
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	40598	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	155526	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	90542	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	154330	20.00	ng	0.00
76) Chrysene-d12	14.045	240	103972	20.00	ng	0.00
86) Perylene-d12	15.527	264	102239	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	5848	2.02	ng	0.00
7) Phenol-d6	6.504	99	10670	2.84	ng	0.00
23) Nitrobenzene-d5	7.404	82	859	0.24	ng	-0.04
42) 2,4,6-Tribromophenol	10.704	330	2313	2.13	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	10679	1.45	ng	0.00
79) Terphenyl-d14	12.986	244	11949	1.74	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.416	77	160490	98.88	ng	# 1
15) Benzyl Alcohol	6.939	79	51236	15.81	ng	# 14
18) Hexachloroethane	7.369	117	18816	14.16	ng	# 1
22) Acetophenone	7.275	105	123943	28.06	ng	# 51
24) Nitrobenzene	7.451	77	12894	3.49	ng	# 12
31) Naphthalene	8.186	128	292466	31.78	ng	97
33) 4-Chloroaniline	8.186	127	44118	12.59	ng	# 32
37) 2-Methylnaphthalene	8.875	142	131182	21.03	ng	93
38) 1-Methylnaphthalene	8.975	142	59824	10.28	ng	92
51) 2,6-Dinitrotoluene	9.916	165	12216	8.36	ng	# 12

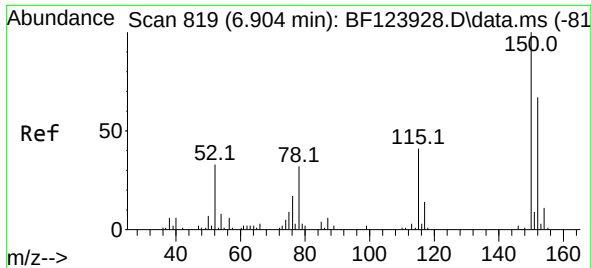
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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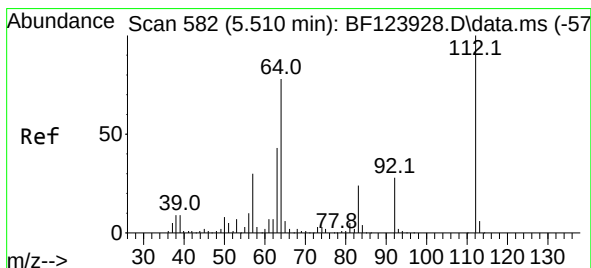
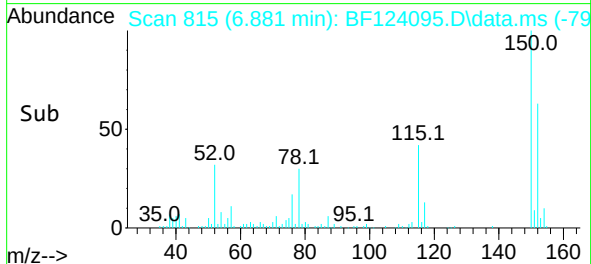
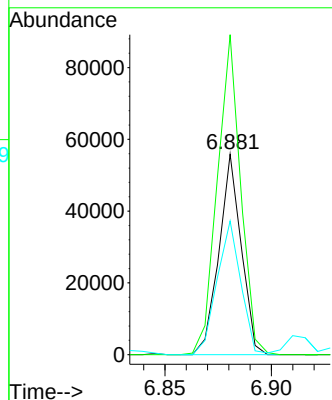
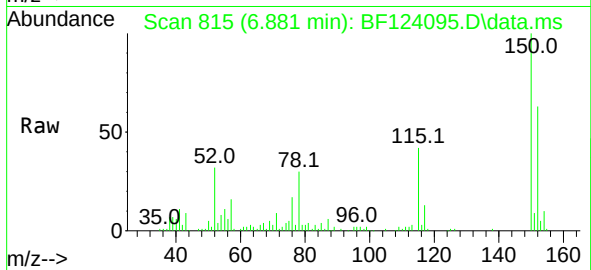




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF124095.D
Acq: 27 May 2021 16:40

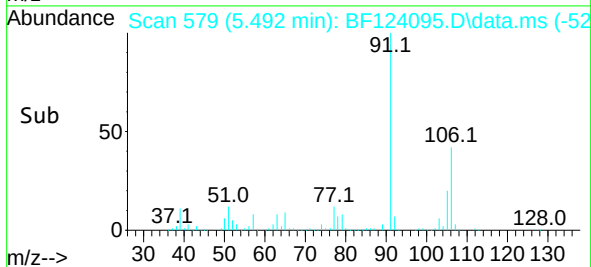
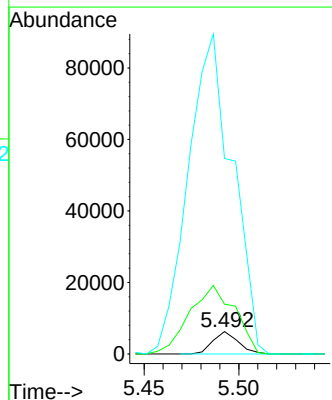
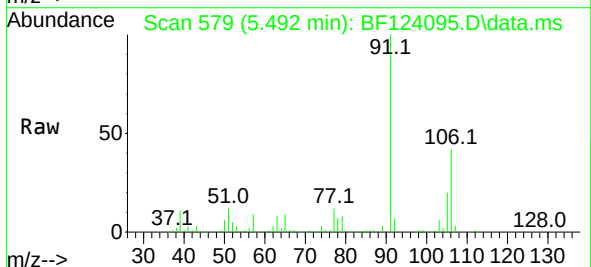
Instrument :
BNA_F
ClientSampleId :
GHOST-1DDL2

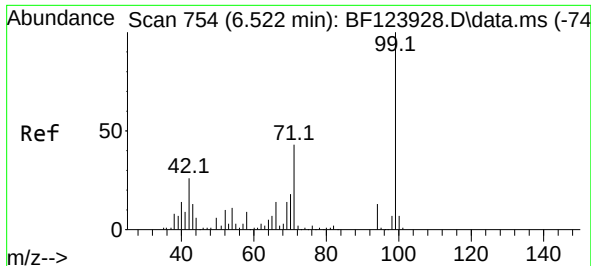
Tgt Ion:152 Resp: 40598
Ion Ratio Lower Upper
152 100
150 159.7 127.0 190.6
115 66.8 54.3 81.5



#5
2-Fluorophenol
Concen: 2.02 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF124095.D
Acq: 27 May 2021 16:40

Tgt Ion:112 Resp: 5848
Ion Ratio Lower Upper
112 100
64 221.4 61.4 92.0#
63 870.2 33.0 49.4#

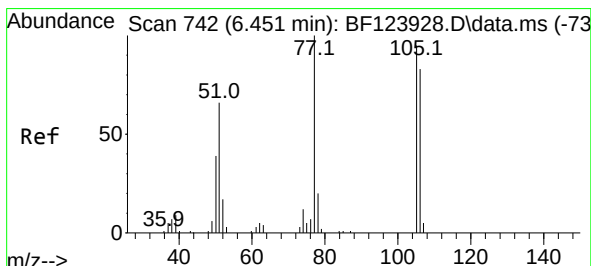
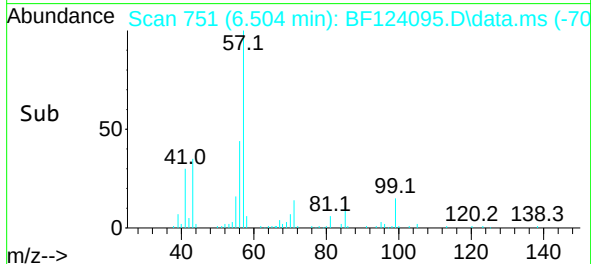
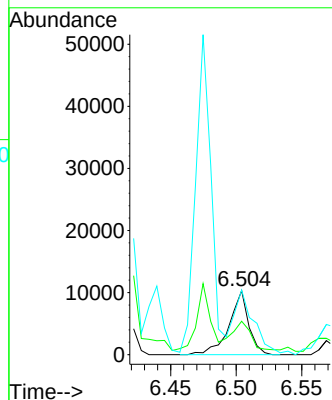
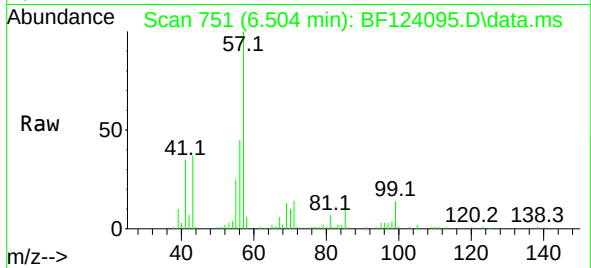




#7
Phenol-d6
Concen: 2.84 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124095.D
Acq: 27 May 2021 16:40

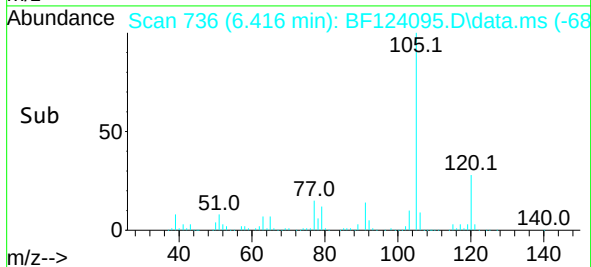
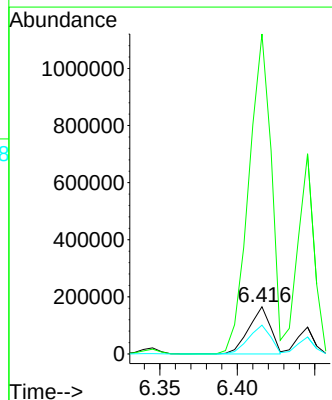
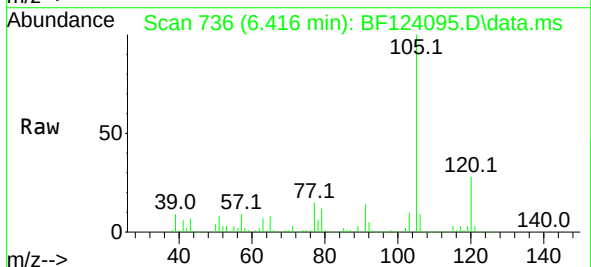
Instrument :
BNA_F
ClientSampleId :
GHOST-1DDL2

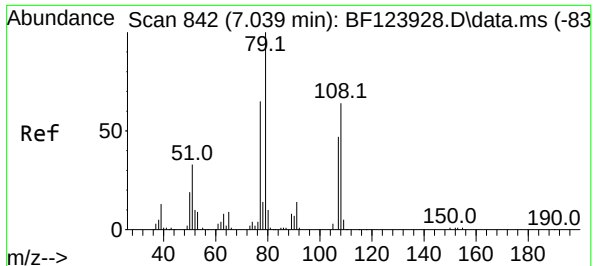
Tgt Ion: 99 Resp: 10670
Ion Ratio Lower Upper
99 100
42 52.4 19.8 29.8#
71 101.2 31.1 46.7#



#9
Benzaldehyde
Concen: 98.88 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF124095.D
Acq: 27 May 2021 16:40

Tgt Ion: 77 Resp: 160490
Ion Ratio Lower Upper
77 100
105 678.5 75.2 115.2#
106 61.0 71.6 111.6#





#15

Benzyl Alcohol

Concen: 15.81 ng

RT: 6.939 min Scan# 825

Delta R.T. -0.077 min

Lab File: BF124095.D

Acq: 27 May 2021 16:40

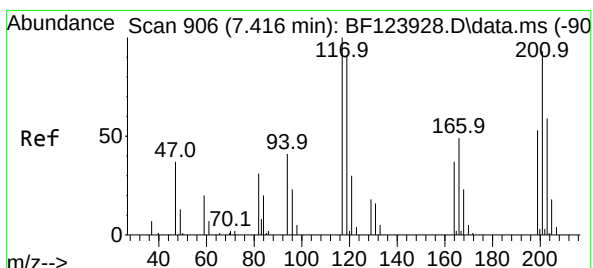
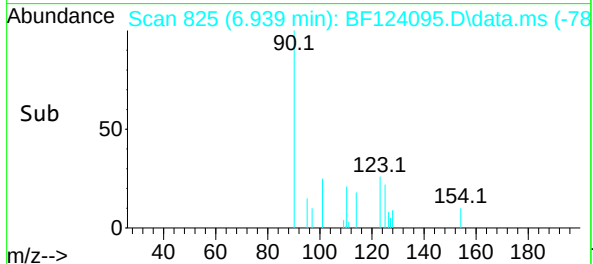
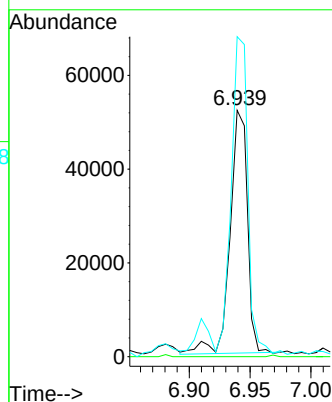
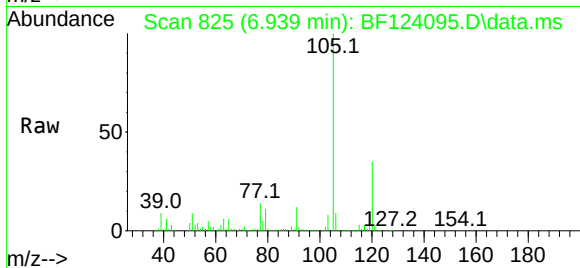
Instrument :

BNA_F

ClientSampleId :

GHOST-1DDL2

Tgt Ion:	79	Resp:	51236
Ion Ratio	Lower	Upper	
79	100		
108	0.0	55.8	83.8#
77	129.9	49.9	74.9#



#18

Hexachloroethane

Concen: 14.16 ng

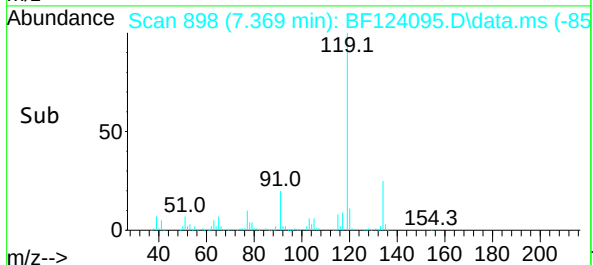
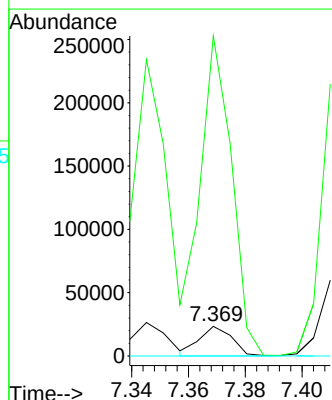
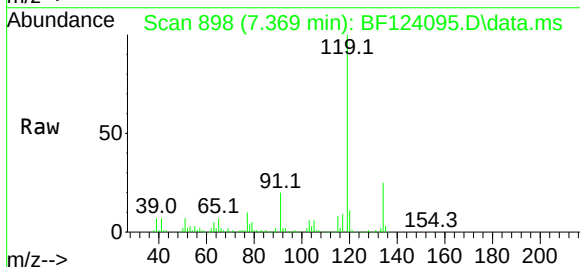
RT: 7.369 min Scan# 898

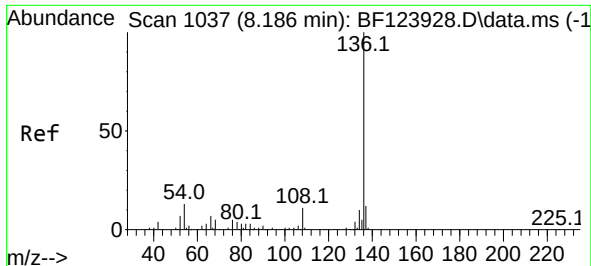
Delta R.T. -0.024 min

Lab File: BF124095.D

Acq: 27 May 2021 16:40

Tgt Ion:	117	Resp:	18816
Ion Ratio	Lower	Upper	
117	100		
119	1080.3	77.8	116.8#
201	0.0	67.8	101.8#

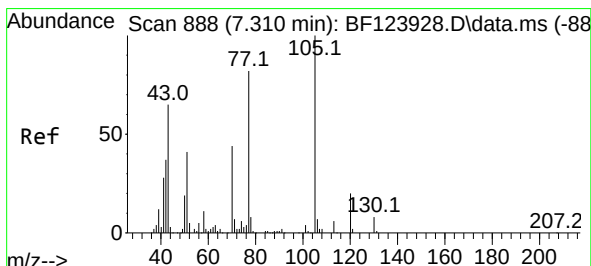
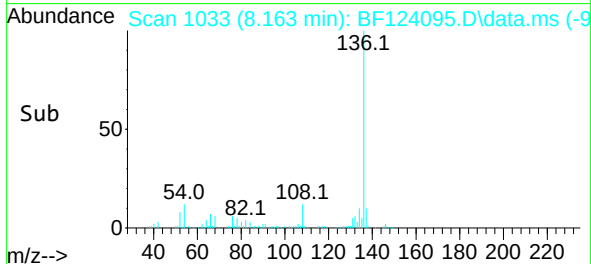
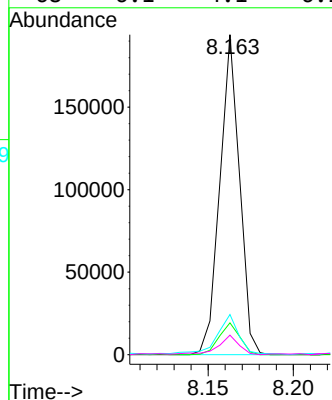
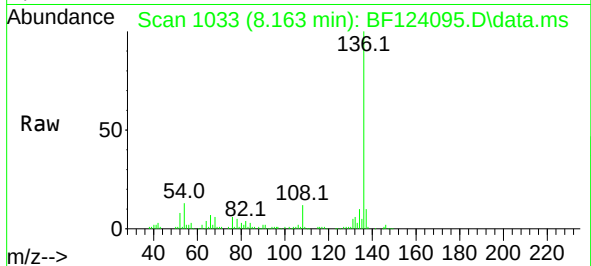




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF124095.D
Acq: 27 May 2021 16:40

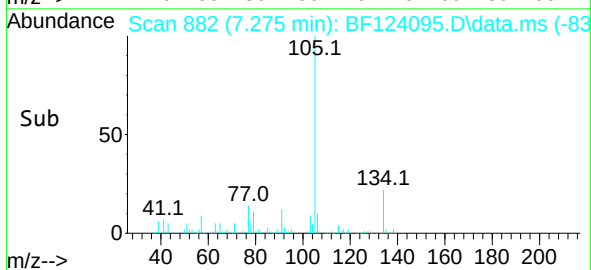
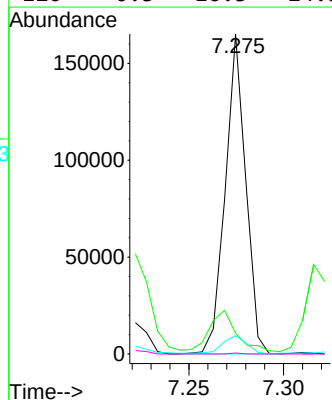
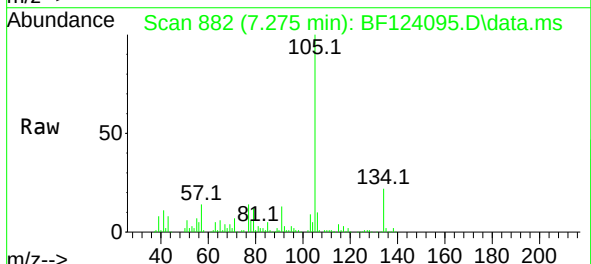
Instrument :
BNA_F
ClientSampleId :
GHOST-1DDL2

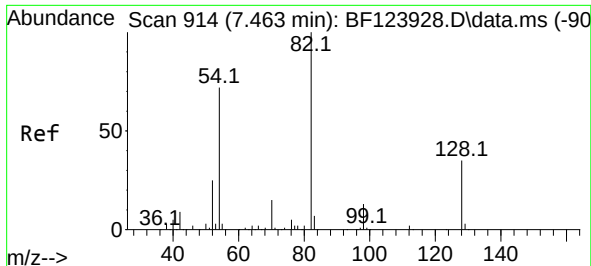
Tgt Ion:136	Resp: 155526
Ion Ratio	Lower Upper
136 100	
137 9.9	8.7 13.1
54 12.5	9.8 14.6
68 6.1	4.1 6.1



#22
Acetophenone
Concen: 28.06 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF124095.D
Acq: 27 May 2021 16:40

Tgt Ion:105	Resp: 123943
Ion Ratio	Lower Upper
105 100	
71 6.5	4.2 6.4#
51 5.8	33.6 50.4#
120 0.3	16.3 24.5#





#23

Nitrobenzene-d5

Concen: 0.24 ng

RT: 7.404 min Scan# 904

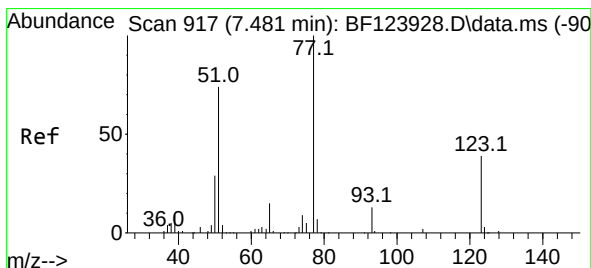
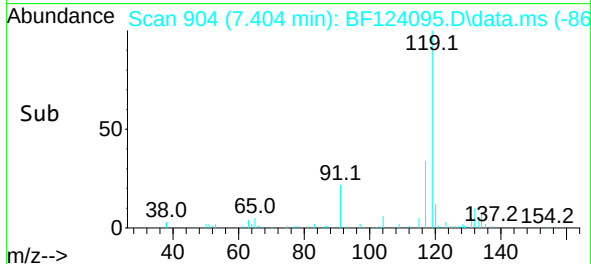
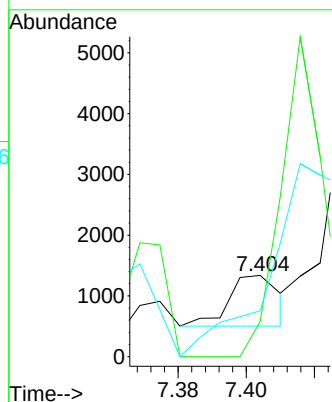
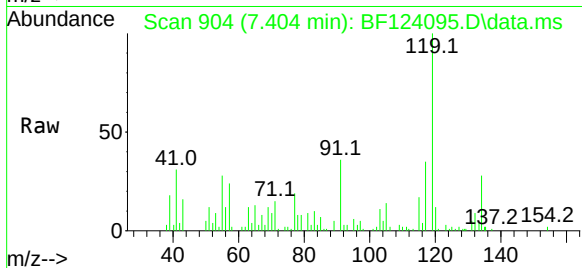
Delta R.T. -0.041 min

Lab File: BF124095.D

Acq: 27 May 2021 16:40

Tgt Ion: 82 Resp: 859

Ion	Ratio	Lower	Upper
82	100		
128	43.3	29.4	44.2
54	56.6	54.1	81.1



#24

Nitrobenzene

Concen: 3.49 ng

RT: 7.451 min Scan# 912

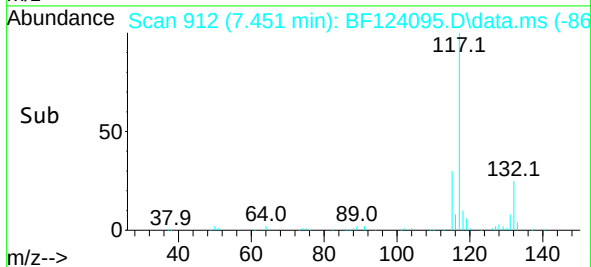
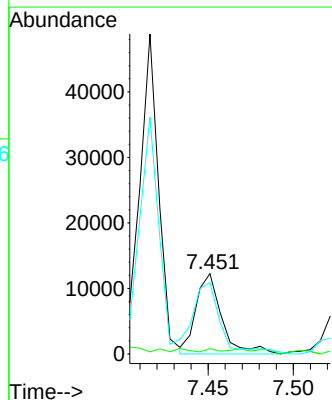
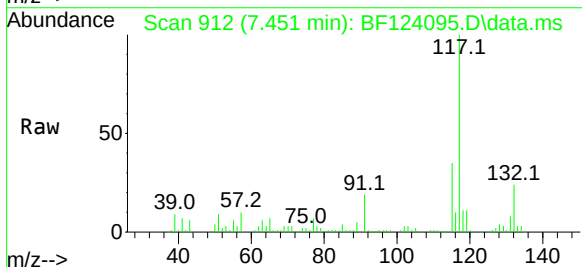
Delta R.T. -0.012 min

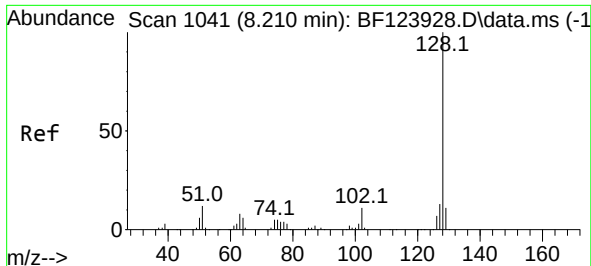
Lab File: BF124095.D

Acq: 27 May 2021 16:40

Tgt Ion: 77 Resp: 12894

Ion	Ratio	Lower	Upper
77	100		
123	6.5	34.5	51.7#
65	88.6	12.2	18.2#

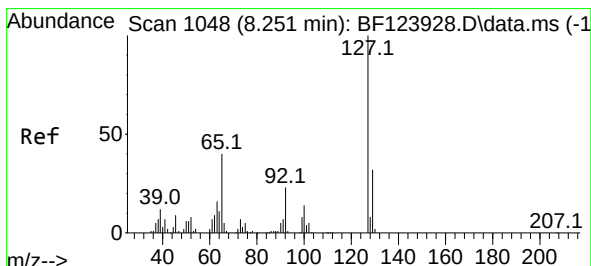
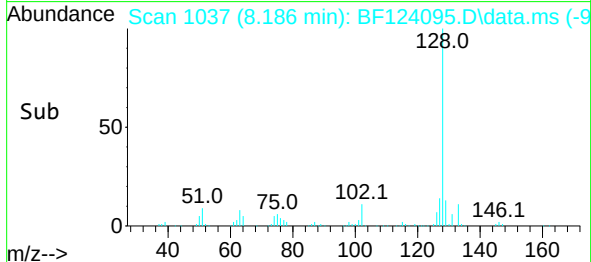
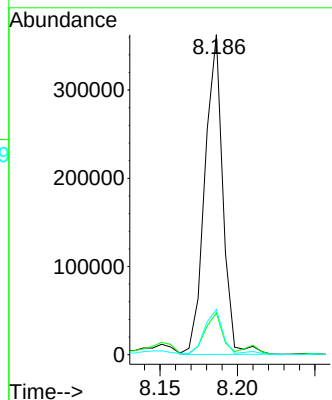
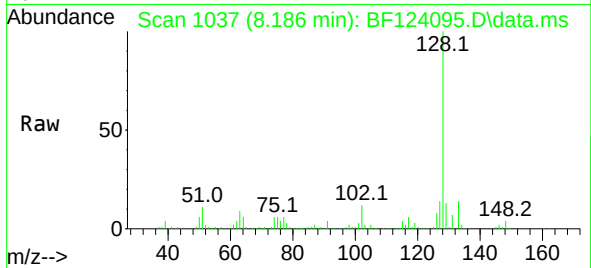




#31
Naphthalene
Concen: 31.78 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF124095.D
Acq: 27 May 2021 16:40

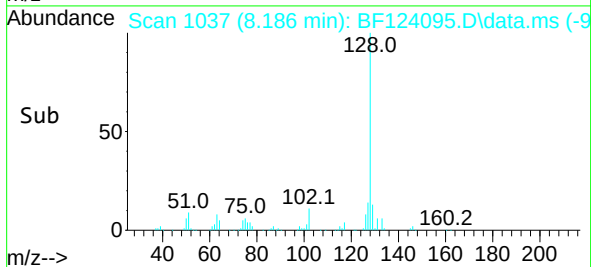
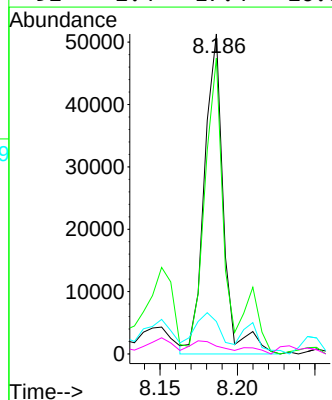
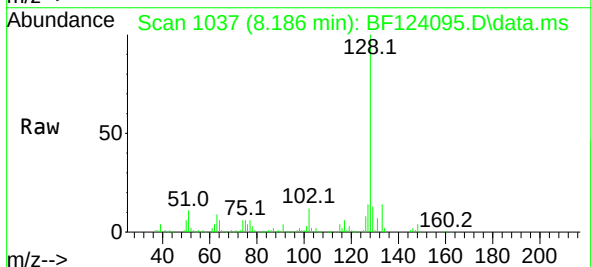
Instrument :
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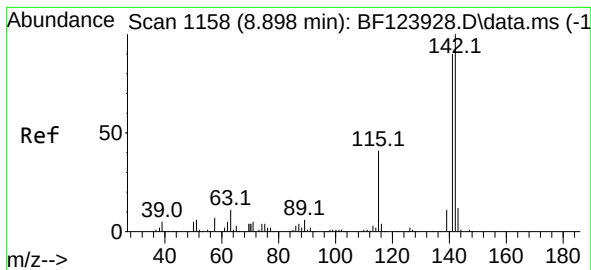
Tgt Ion:128 Resp: 292466
Ion Ratio Lower Upper
128 100
129 13.1 8.9 13.3
127 14.1 10.8 16.2



#33
4-Chloroaniline
Concen: 12.59 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.047 min
Lab File: BF124095.D
Acq: 27 May 2021 16:40

Tgt Ion:127 Resp: 44118
Ion Ratio Lower Upper
127 100
129 92.5 25.7 38.5#
65 10.2 34.5 51.7#
92 2.4 17.4 26.0#

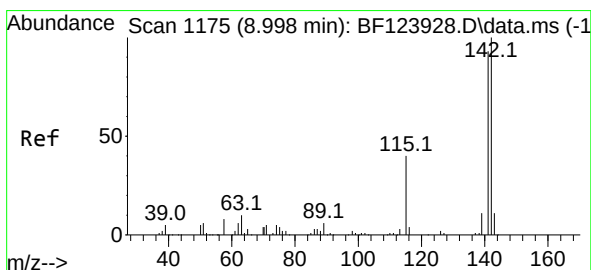
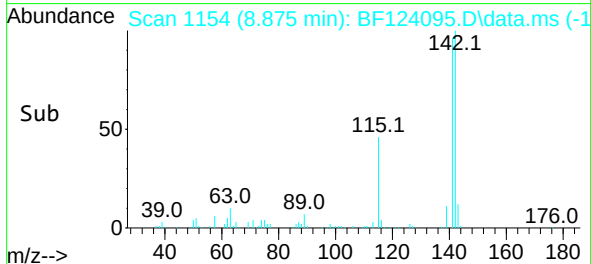
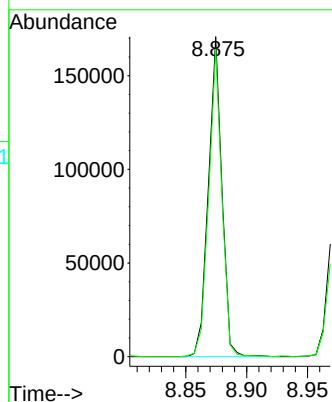
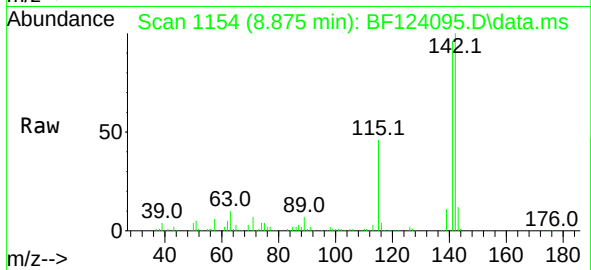




#37
2-Methylnaphthalene
Concen: 21.03 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF124095.D
Acq: 27 May 2021 16:40

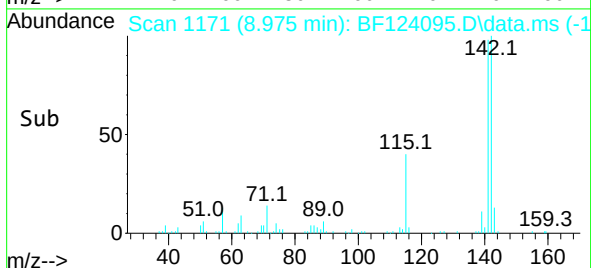
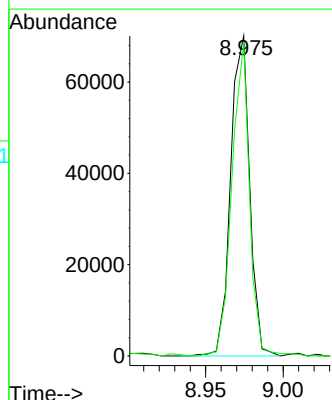
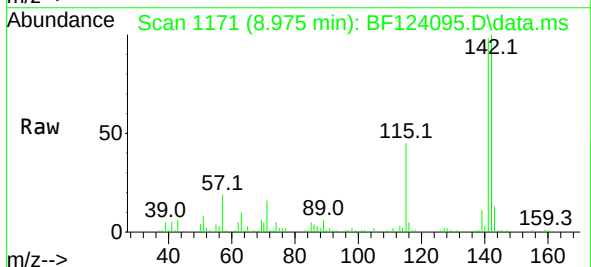
Instrument :
BNA_F
ClientSampleId :
GHOST-1DDL2

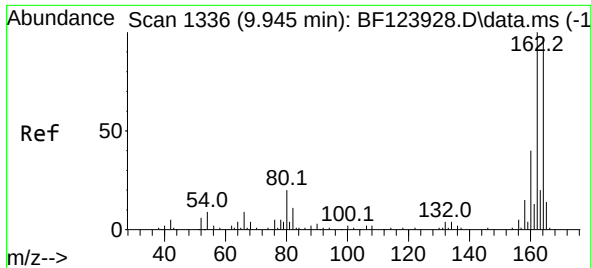
Tgt Ion:142 Resp: 131182
Ion Ratio Lower Upper
142 100
141 96.1 71.8 107.6



#38
1-Methylnaphthalene
Concen: 10.28 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF124095.D
Acq: 27 May 2021 16:40

Tgt Ion:142 Resp: 59824
Ion Ratio Lower Upper
142 100
141 98.1 72.8 109.2

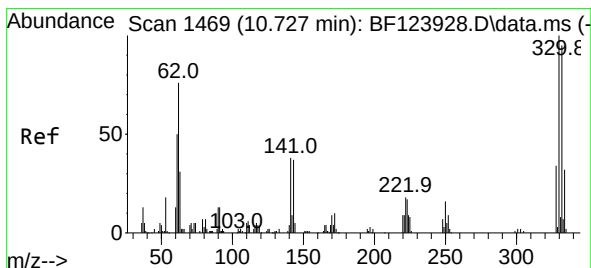
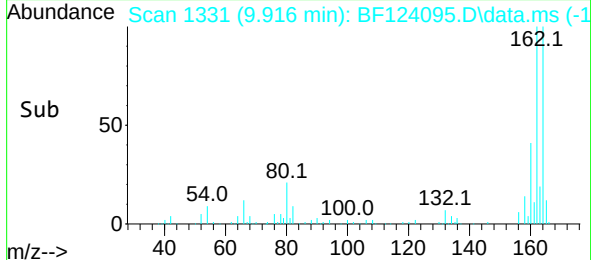
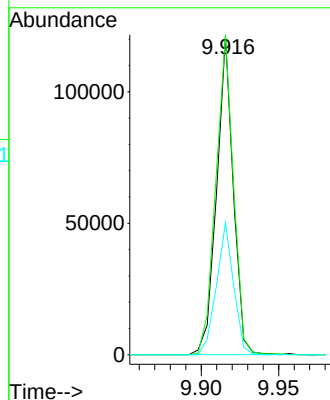
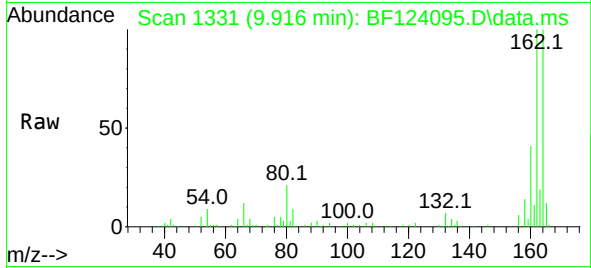




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF124095.D
Acq: 27 May 2021 16:40

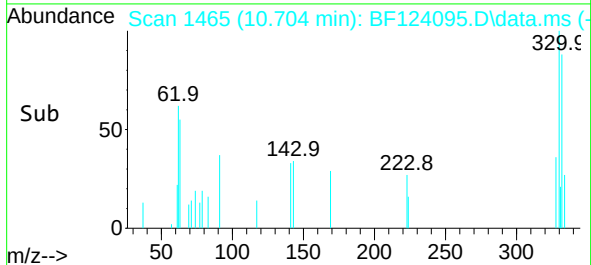
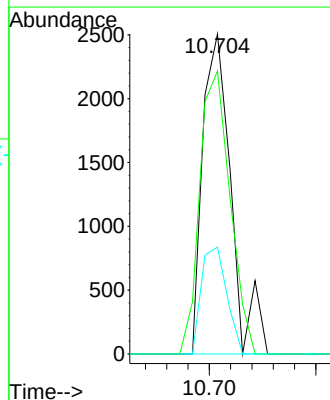
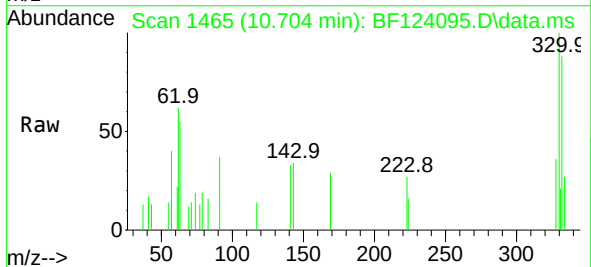
Instrument :
BNA_F
ClientSampleId :
GHOST-1DDL2

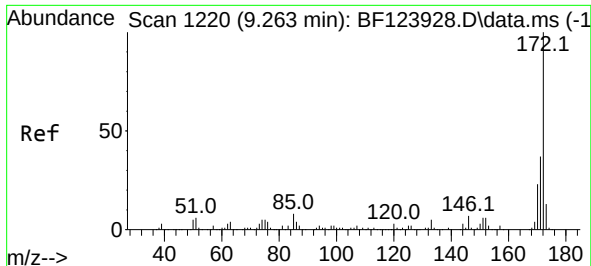
Tgt Ion:164 Resp: 90542
Ion Ratio Lower Upper
164 100
162 100.3 80.7 121.1
160 41.4 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 2.13 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124095.D
Acq: 27 May 2021 16:40

Tgt Ion:330 Resp: 2313
Ion Ratio Lower Upper
330 100
332 94.8 77.1 115.7
141 29.9 27.9 41.9

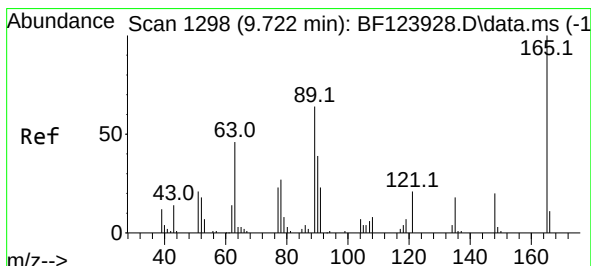
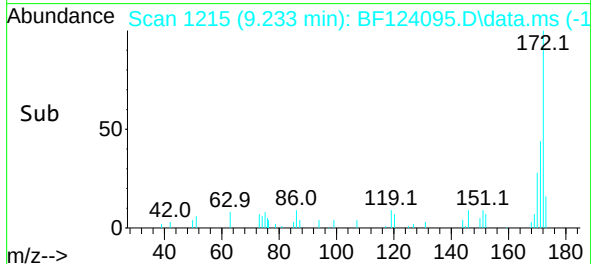
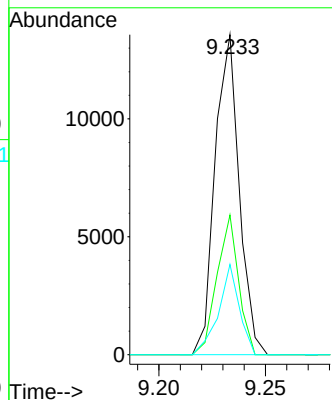
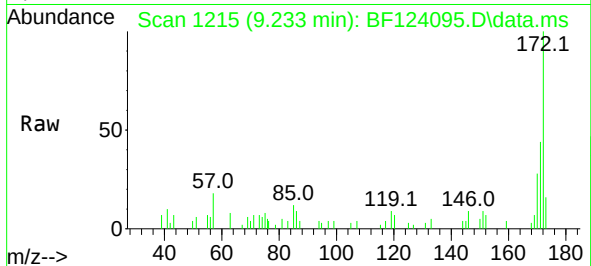




#45
2-Fluorobiphenyl
Concen: 1.45 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF124095.D
Acq: 27 May 2021 16:40

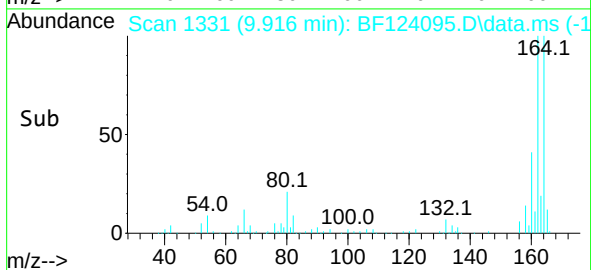
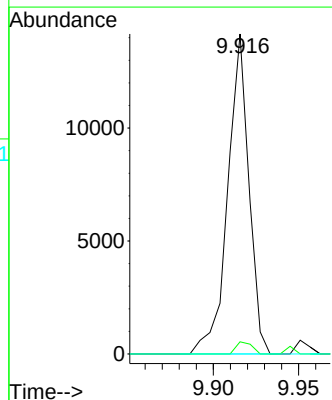
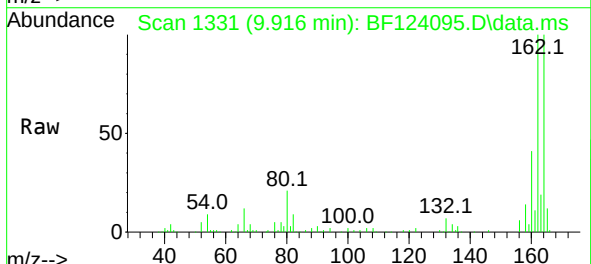
Instrument :
BNA_F
ClientSampleId :
GHOST-1DDL2

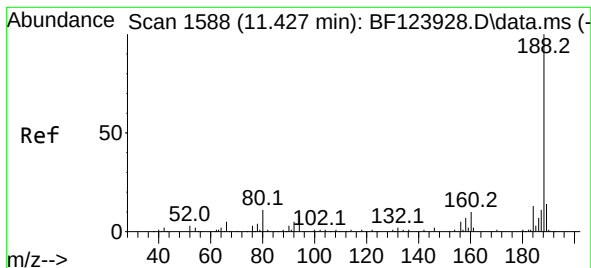
Tgt Ion:172 Resp: 10679
Ion Ratio Lower Upper
172 100
171 43.6 28.1 42.1#
170 28.2 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.36 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.218 min
Lab File: BF124095.D
Acq: 27 May 2021 16:40

Tgt Ion:165 Resp: 12216
Ion Ratio Lower Upper
165 100
63 3.8 67.7 101.5#
89 0.0 58.8 88.2#

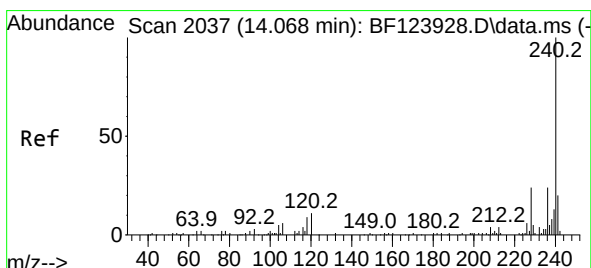
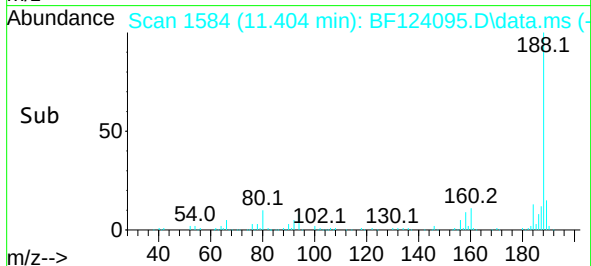
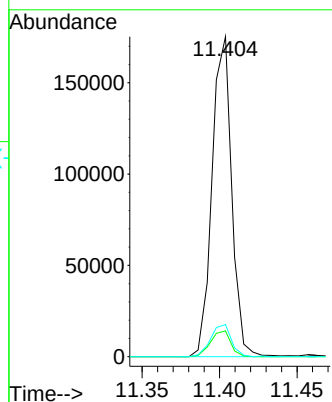
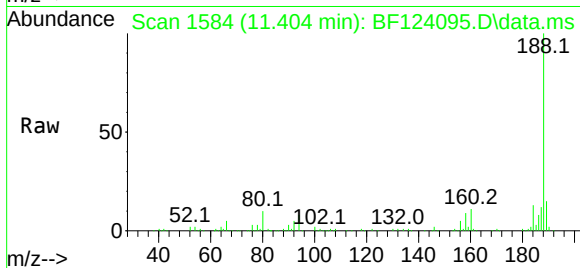




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF124095.D
Acq: 27 May 2021 16:40

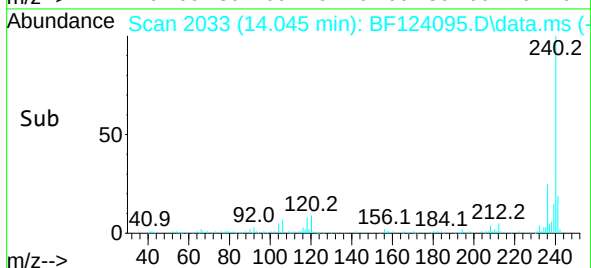
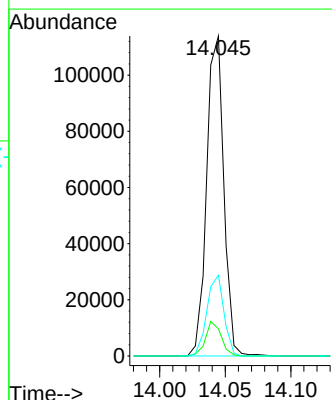
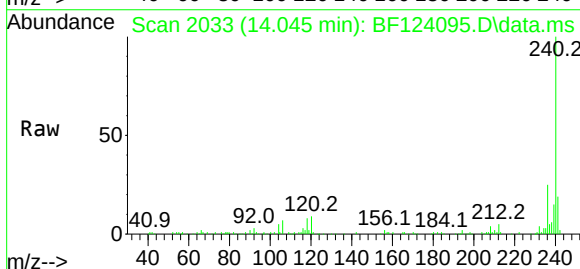
Instrument :
BNA_F
ClientSampleId :
GHOST-1DDL2

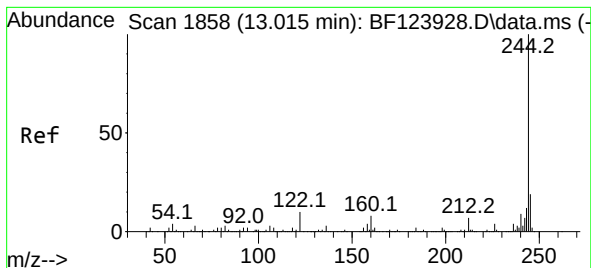
Tgt Ion:188 Resp: 154330
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 10.0 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF124095.D
Acq: 27 May 2021 16:40

Tgt Ion:240 Resp: 103972
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 25.3 19.0 28.4

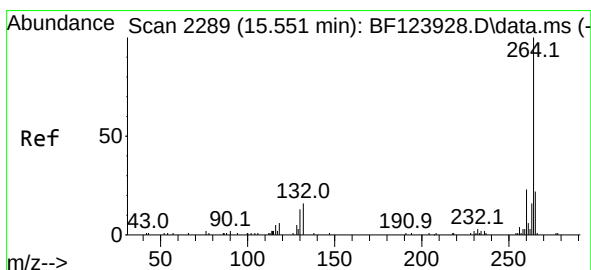
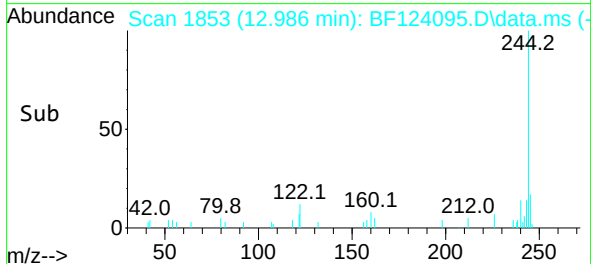
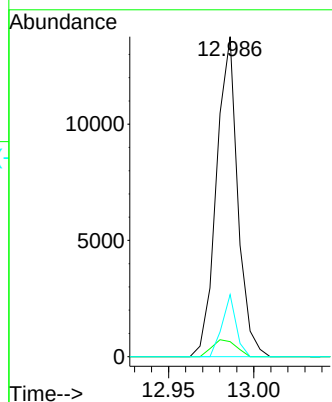
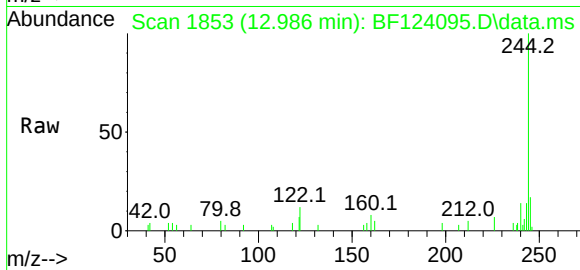




#79
Terphenyl-d14
Concen: 1.74 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124095.D
Acq: 27 May 2021 16:40

Instrument :
BNA_F
ClientSampleId :
GHOST-1DDL2

Tgt Ion:244 Resp: 11949
Ion Ratio Lower Upper
244 100
212 4.7 5.7 8.5#
122 19.4 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: BF124095.D
Acq: 27 May 2021 16:40

Tgt Ion:264 Resp: 102239
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 20.8 17.8 26.8

