

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124075.D
 Acq On : 26 May 2021 21:15
 Operator : JU/CG
 Sample : M2535-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-5D

Quant Time: May 27 04:54:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

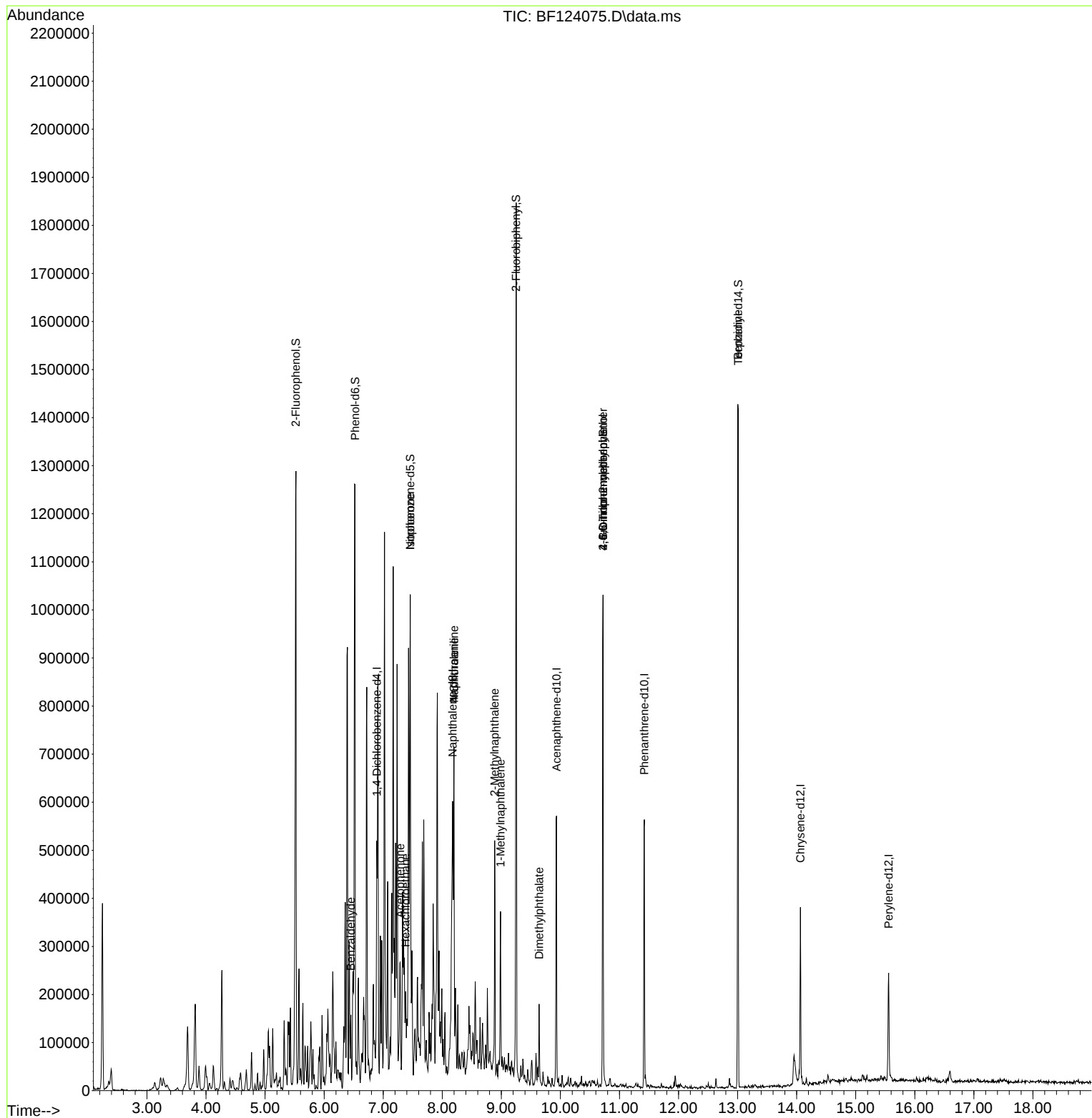
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	51238	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	189711	20.00	ng	-0.01
39) Acenaphthene-d10	9.934	164	116859	20.00	ng	-0.01
64) Phenanthrene-d10	11.422	188	201688	20.00	ng	0.00
76) Chrysene-d12	14.063	240	111107	20.00	ng	0.00
86) Perylene-d12	15.557	264	97282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	281132	77.04	ng	0.01
7) Phenol-d6	6.522	99	359619	75.96	ng	0.00
23) Nitrobenzene-d5	7.457	82	276638	62.83	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	109226	77.82	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	462692	48.72	ng	-0.01
79) Terphenyl-d14	13.010	244	448956	61.20	ng	0.00
Target Compounds					Qvalue	
9) Benzaldehyde	6.451	77	4098	2.00	ng	# 1
18) Hexachloroethane	7.381	117	4619	2.75	ng	# 1
22) Acetophenone	7.287	105	51198	9.50	ng	# 49
25) Isophorone	7.457	82	272419	32.16	ng	# 69
31) Naphthalene	8.198	128	178068	15.86	ng	98
33) 4-Chloroaniline	8.198	127	28031	6.56	ng	# 41
37) 2-Methylnaphthalene	8.886	142	108386	14.24	ng	98
38) 1-Methylnaphthalene	8.986	142	51864	7.30	ng	89
50) Dimethylphthalate	9.639	163	52266	5.60	ng	100
65) 4,6-Dinitro-2-methylph...	10.722	198	432	5.73	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	6837	2.58	ng	# 1
77) Benzidine	13.004	184	6885	2.57	ng	# 97

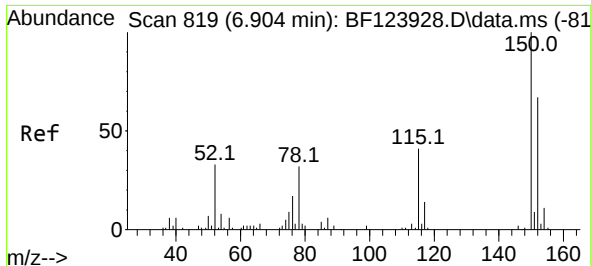
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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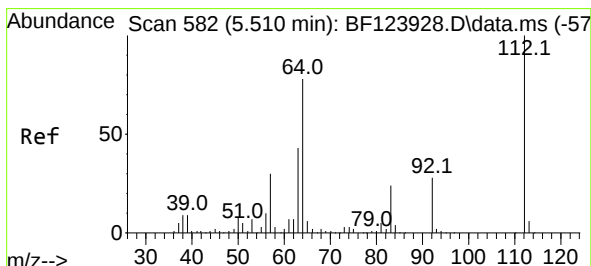
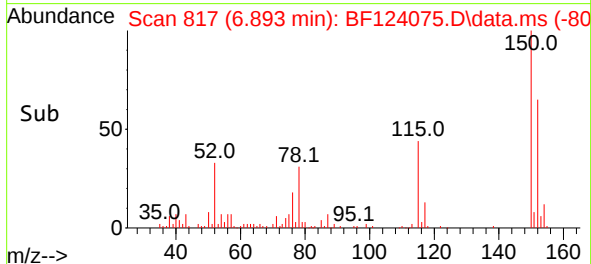
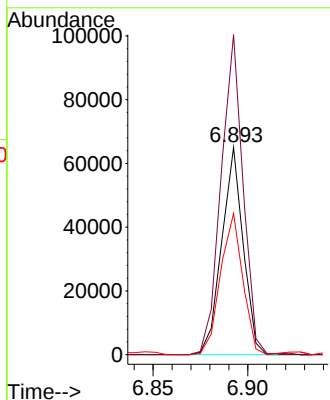
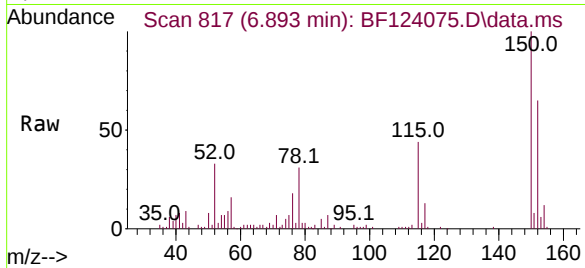




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.011 min
Lab File: BF124075.D
Acq: 26 May 2021 21:15

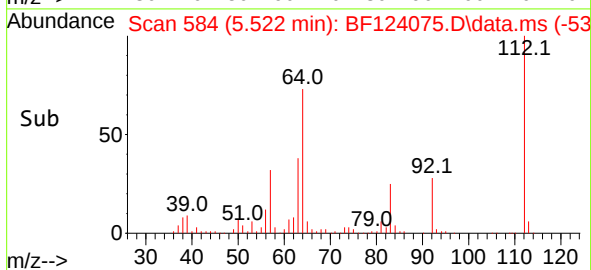
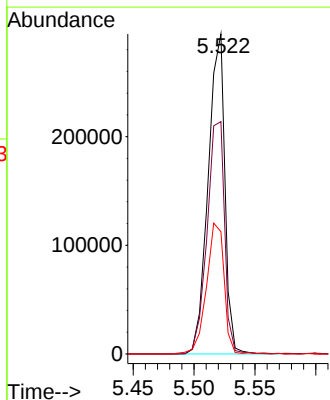
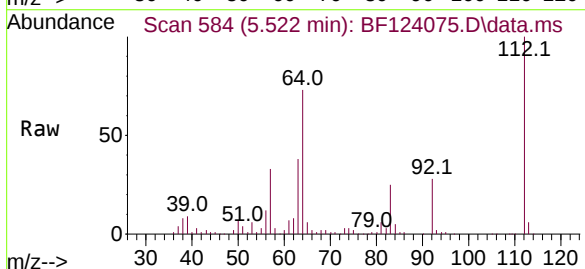
Instrument :
BNA_F
ClientSampleId :
GHOST-5D

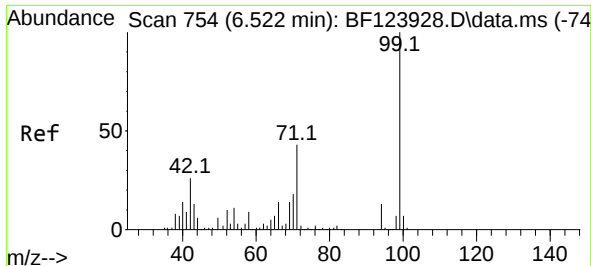
Tgt Ion:152 Resp: 51238
Ion Ratio Lower Upper
152 100
150 154.3 127.0 190.6
115 68.1 54.3 81.5



#5
2-Fluorophenol
Concen: 77.04 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF124075.D
Acq: 26 May 2021 21:15

Tgt Ion:112 Resp: 281132
Ion Ratio Lower Upper
112 100
64 72.6 61.4 92.0
63 38.2 33.0 49.4

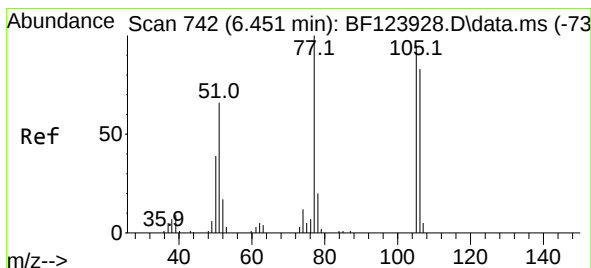
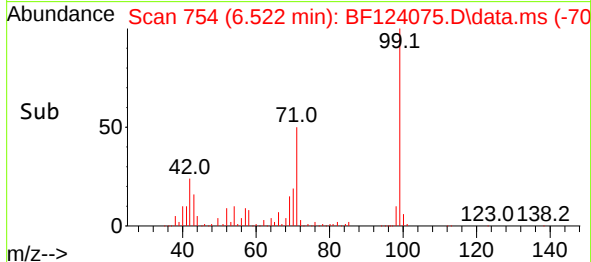
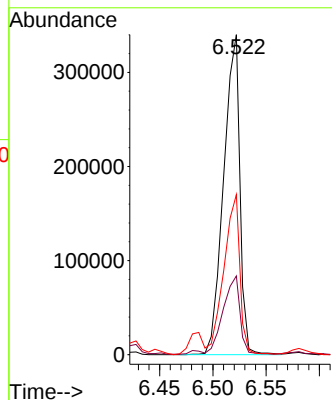
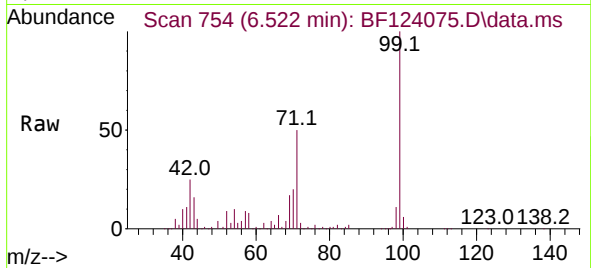




#7
Phenol-d6
Concen: 75.96 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF124075.D
Acq: 26 May 2021 21:15

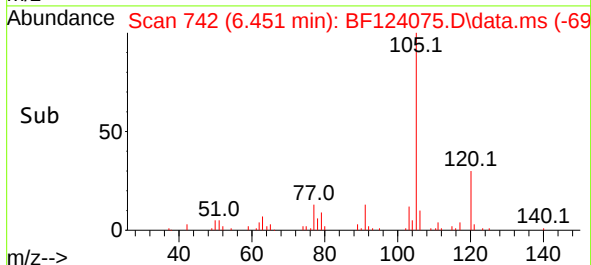
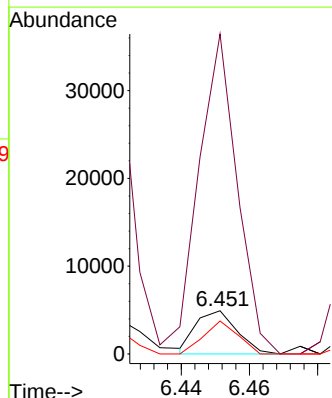
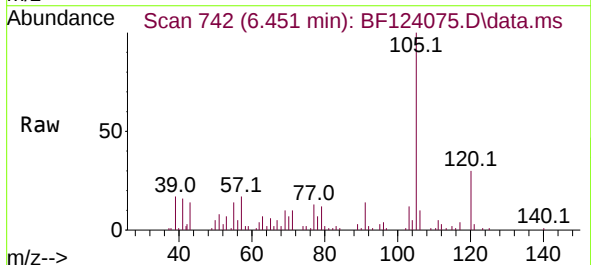
Instrument :
BNA_F
ClientSampleId :
GHOST-5D

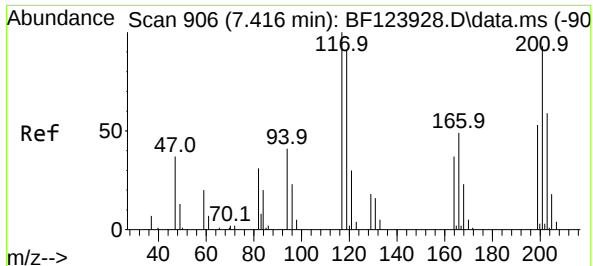
Tgt Ion: 99 Resp: 359619
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.8
71 50.0 31.1 46.7#



#9
Benzaldehyde
Concen: 2.00 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF124075.D
Acq: 26 May 2021 21:15

Tgt Ion: 77 Resp: 4098
Ion Ratio Lower Upper
77 100
105 741.7 75.2 115.2#
106 76.3 71.6 111.6





#18

Hexachloroethane

Concen: 2.75 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.035 min

Lab File: BF124075.D

Acq: 26 May 2021 21:15

Instrument :

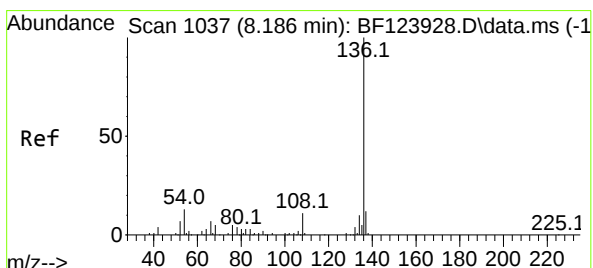
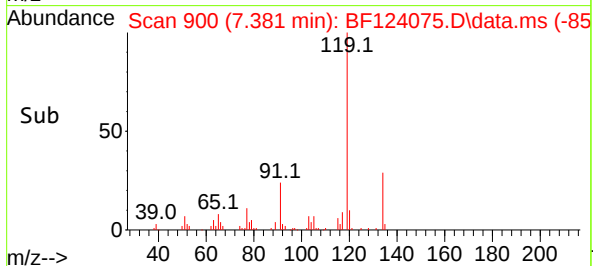
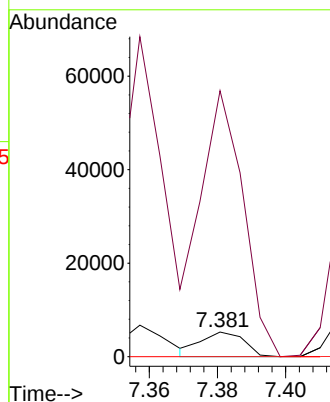
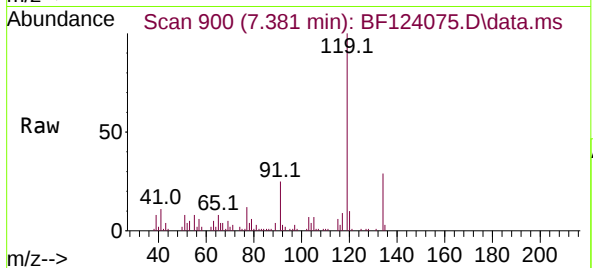
BNA_F

ClientSampleId :

GHOST-5D

Tgt Ion:117 Resp: 4619

Ion	Ratio	Lower	Upper
117	100		
119	1079.0	77.8	116.8#
201	0.0	67.8	101.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.175 min Scan# 1035

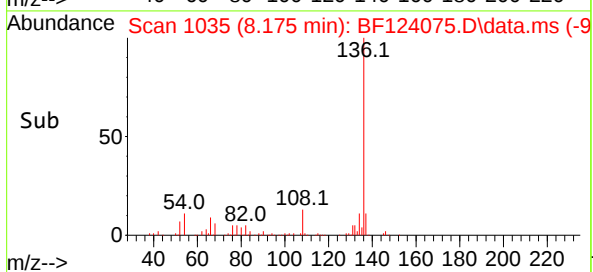
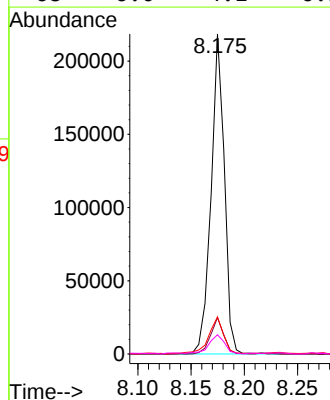
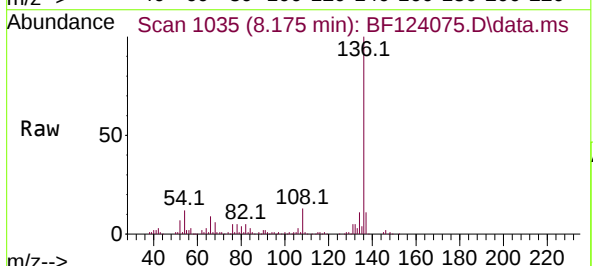
Delta R.T. -0.011 min

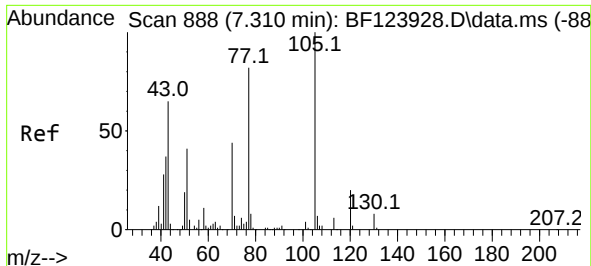
Lab File: BF124075.D

Acq: 26 May 2021 21:15

Tgt Ion:136 Resp: 189711

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	11.6	9.8	14.6
68	6.0	4.1	6.1

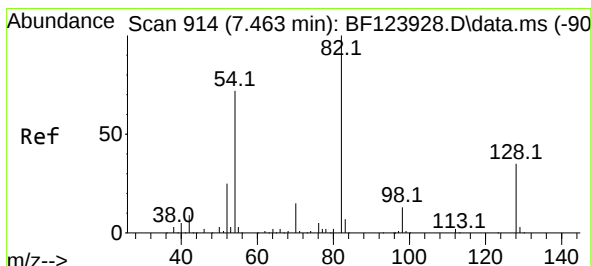
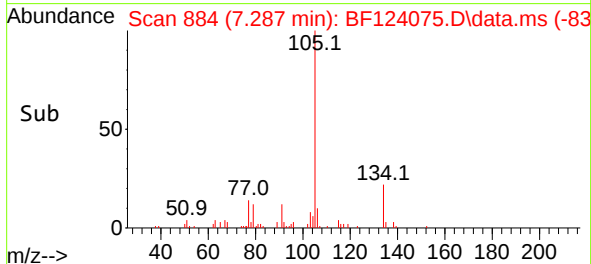
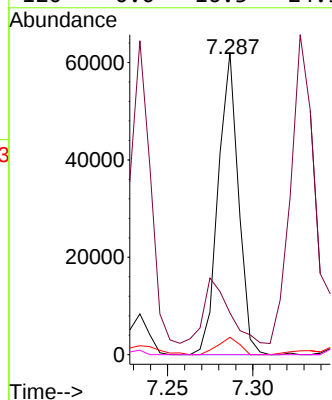
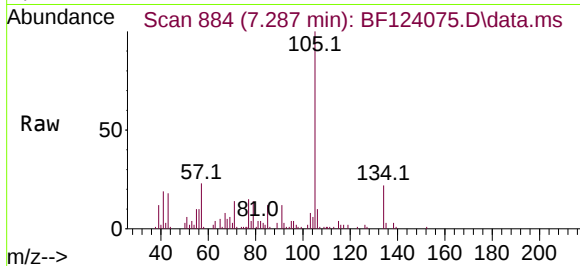




#22
Acetophenone
Concen: 9.50 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.023 min
Lab File: BF124075.D
Acq: 26 May 2021 21:15

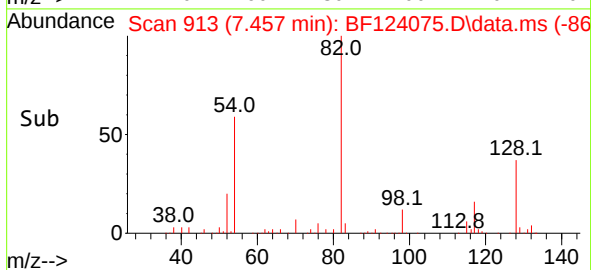
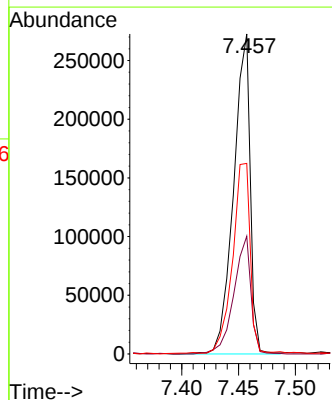
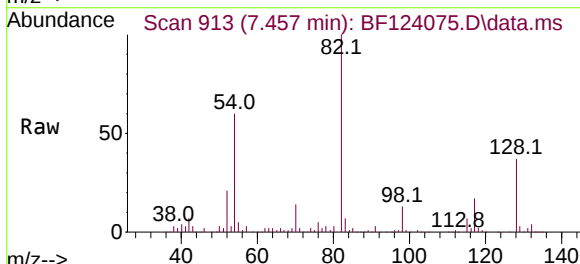
Instrument :
BNA_F
ClientSampleId :
GHOST-5D

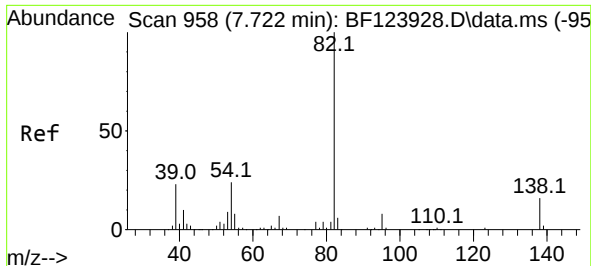
Tgt Ion:	105	Resp:	51198
Ion Ratio	Lower	Upper	
105	100		
71	13.8	4.2	6.4#
51	5.8	33.6	50.4#
120	0.0	16.3	24.5#



#23
Nitrobenzene-d5
Concen: 62.83 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF124075.D
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Tgt Ion:	82	Resp:	276638
Ion Ratio	Lower	Upper	
82	100		
128	36.8	29.4	44.2
54	59.5	54.1	81.1

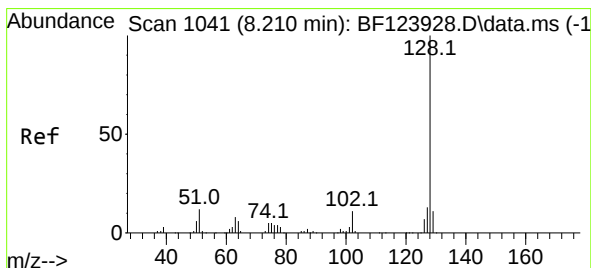
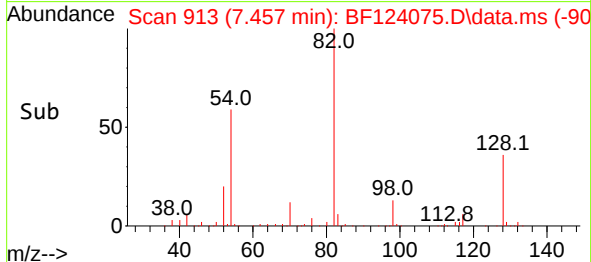
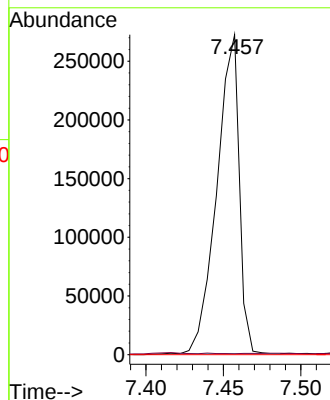
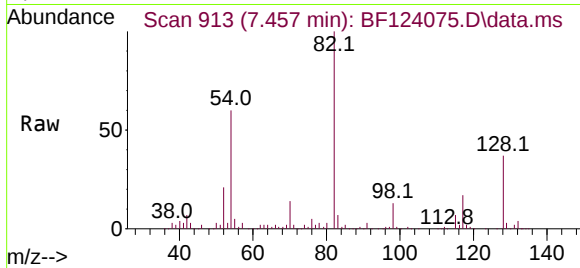




#25
Isophorone
Concen: 32.16 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF124075.D
Acq: 26 May 2021 21:15

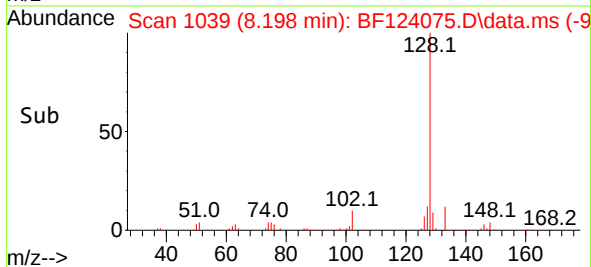
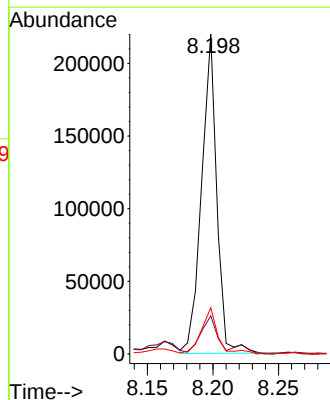
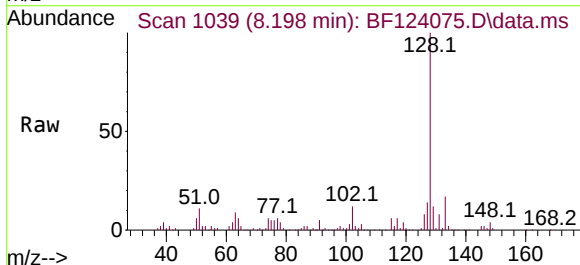
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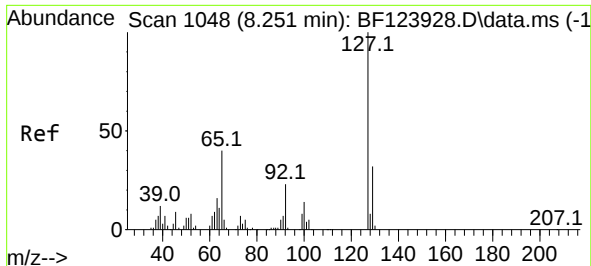
Tgt Ion: 82 Resp: 272419
Ion Ratio Lower Upper
82 100
95 0.3 5.8 8.6#
138 0.0 11.8 17.8#



#31
Naphthalene
Concen: 15.86 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF124075.D
Acq: 26 May 2021 21:15

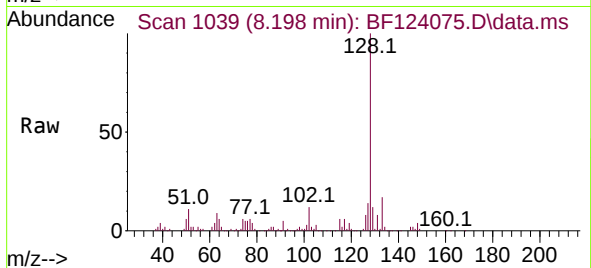
Tgt Ion: 128 Resp: 178068
Ion Ratio Lower Upper
128 100
129 11.9 8.9 13.3
127 14.5 10.8 16.2



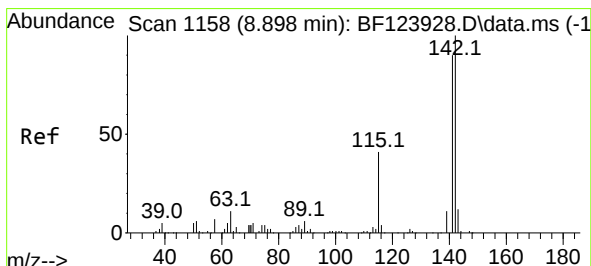
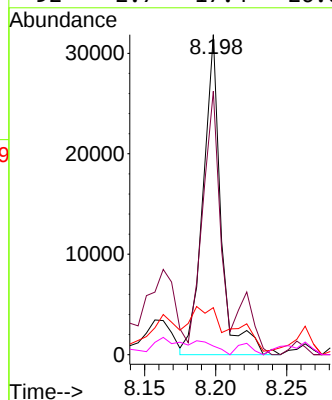
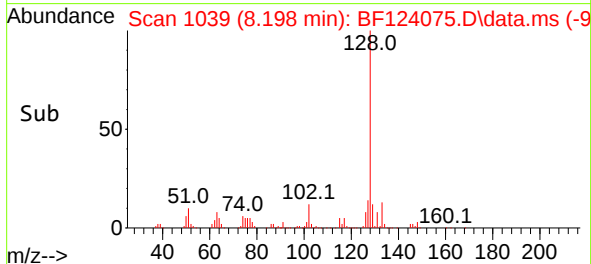


#33
4-Chloroaniline
Concen: 6.56 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.053 min
Lab File: BF124075.D
Acq: 26 May 2021 21:15

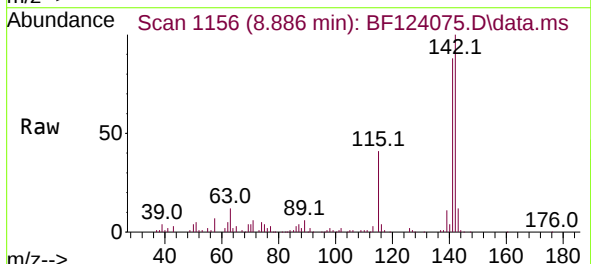
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BNA_F
ClientSampleId :
GHOST-5D



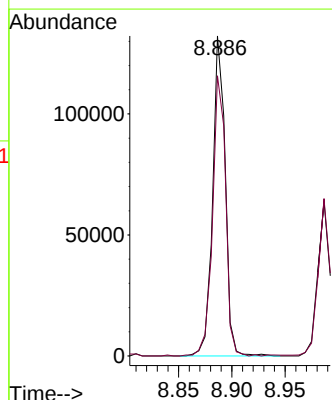
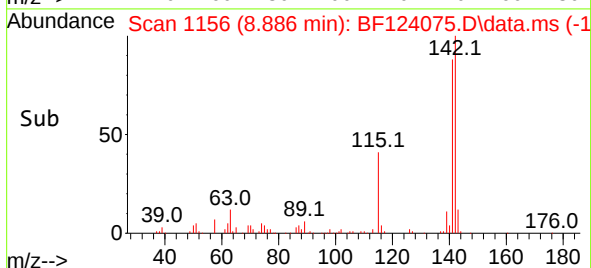
Tgt Ion:127	Resp:	28031
Ion Ratio	Lower	Upper
127	100	
129	82.3	25.7 38.5#
65	14.7	34.5 51.7#
92	2.7	17.4 26.0#

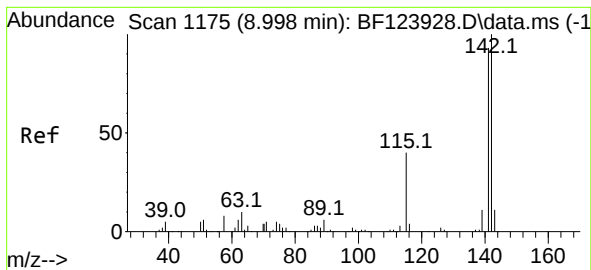


#37
2-Methylnaphthalene
Concen: 14.24 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.012 min
Lab File: BF124075.D
Acq: 26 May 2021 21:15



Tgt Ion:142	Resp:	108386
Ion Ratio	Lower	Upper
142	100	
141	87.5	71.8 107.6

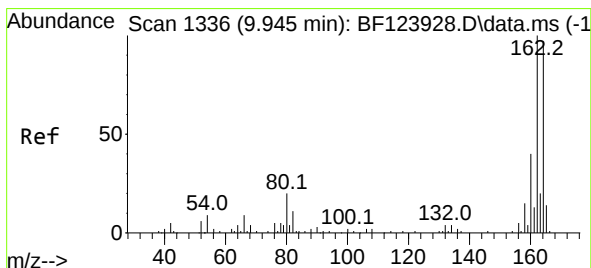
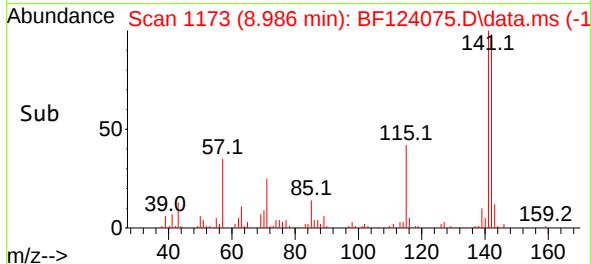
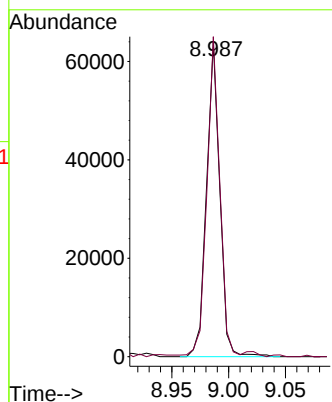
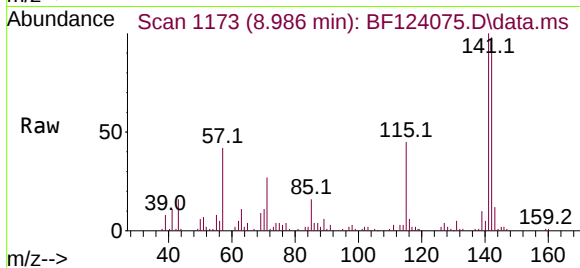




#38
1-Methylnaphthalene
Concen: 7.30 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF124075.D
Acq: 26 May 2021 21:15

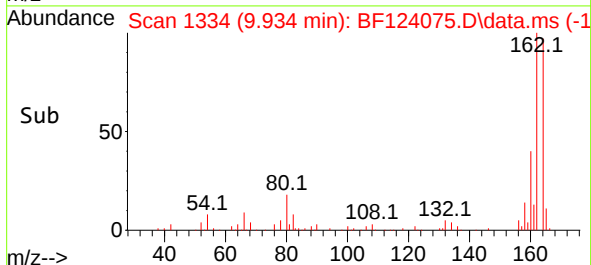
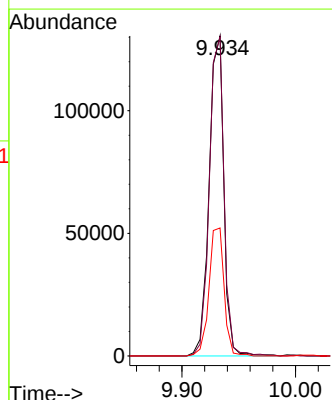
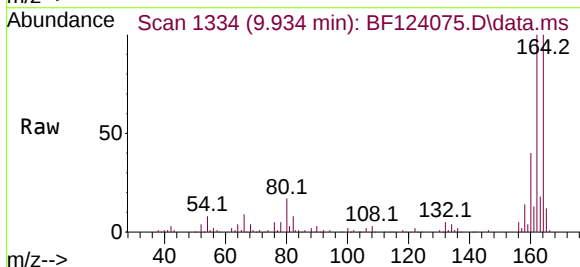
Instrument :
BNA_F
ClientSampleId :
GHOST-5D

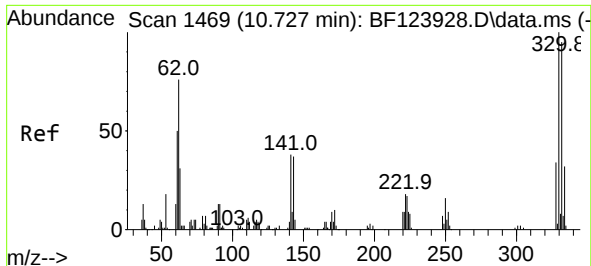
Tgt Ion:142 Resp: 51864
Ion Ratio Lower Upper
142 100
141 101.8 72.8 109.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.011 min
Lab File: BF124075.D
Acq: 26 May 2021 21:15

Tgt Ion:164 Resp: 116859
Ion Ratio Lower Upper
164 100
162 99.7 80.7 121.1
160 40.0 37.3 55.9

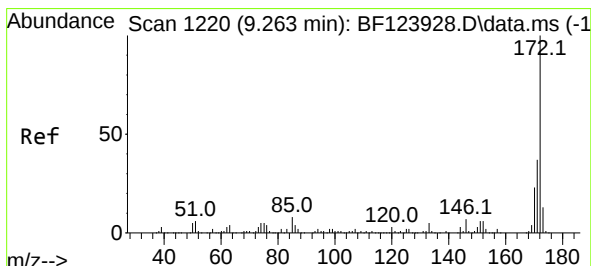
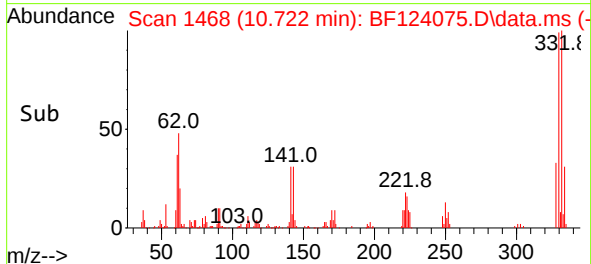
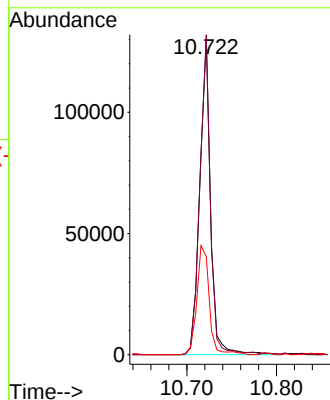
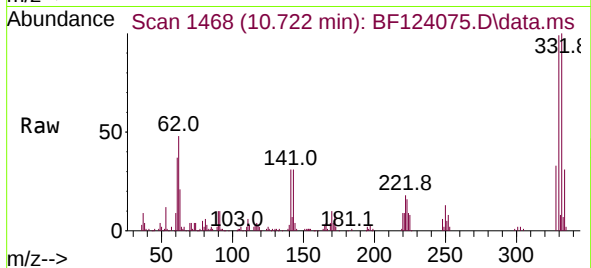




#42
2,4,6-Tribromophenol
Concen: 77.82 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124075.D
Acq: 26 May 2021 21:15

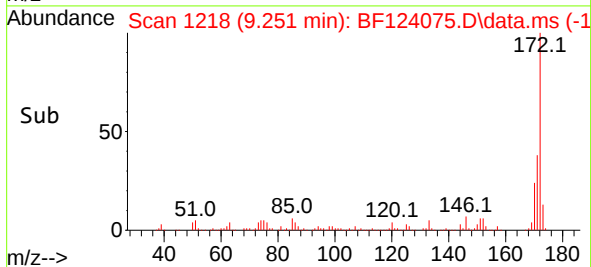
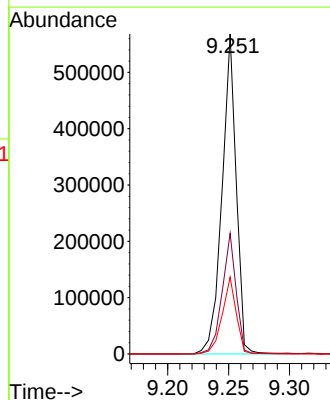
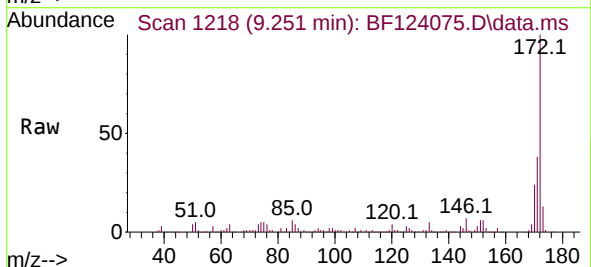
Instrument :
BNA_F
ClientSampleId :
GHOST-5D

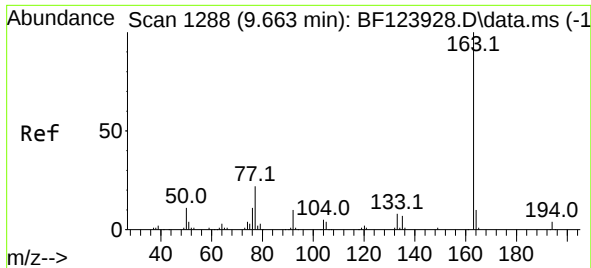
Tgt Ion: 330 Resp: 109226
Ion Ratio Lower Upper
330 100
332 99.5 77.1 115.7
141 39.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 48.72 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124075.D
Acq: 26 May 2021 21:15

Tgt Ion: 172 Resp: 462692
Ion Ratio Lower Upper
172 100
171 37.7 28.1 42.1
170 24.0 19.2 28.8

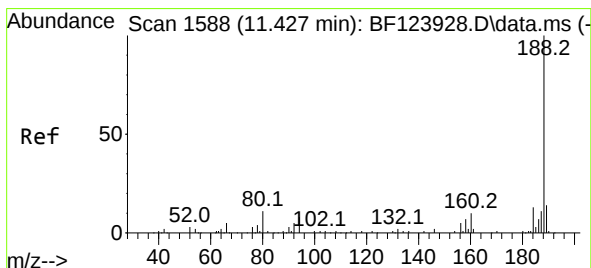
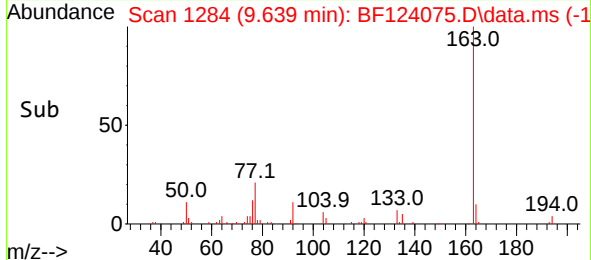
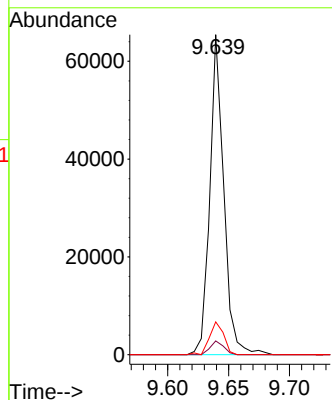
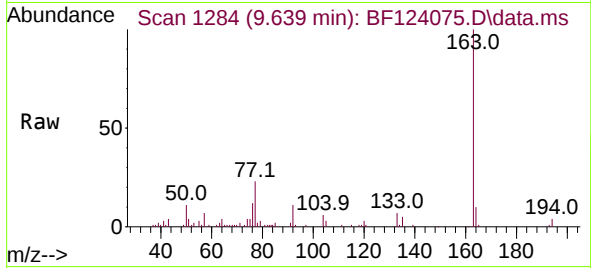




#50
Dimethylphthalate
Concen: 5.60 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.023 min
Lab File: BF124075.D
Acq: 26 May 2021 21:15

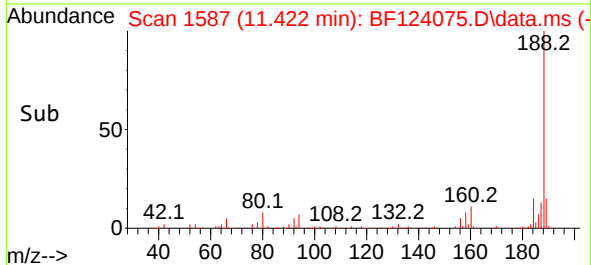
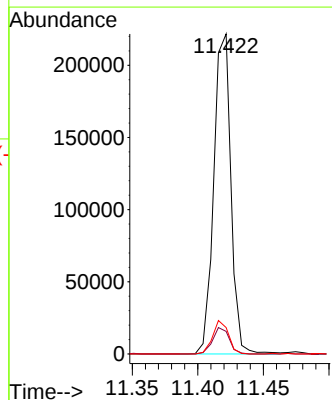
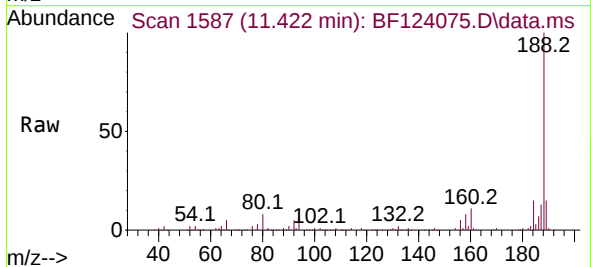
Instrument :
BNA_F
ClientSampleId :
GHOST-5D

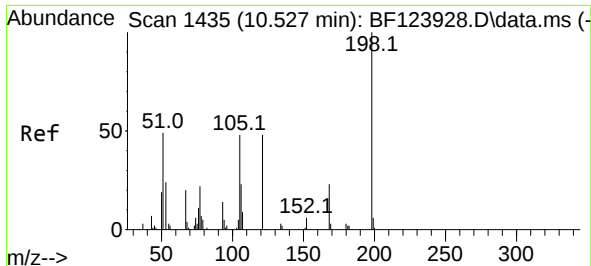
Tgt Ion:163 Resp: 52266
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.2 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.005 min
Lab File: BF124075.D
Acq: 26 May 2021 21:15

Tgt Ion:188 Resp: 201688
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 8.3 8.2 12.2

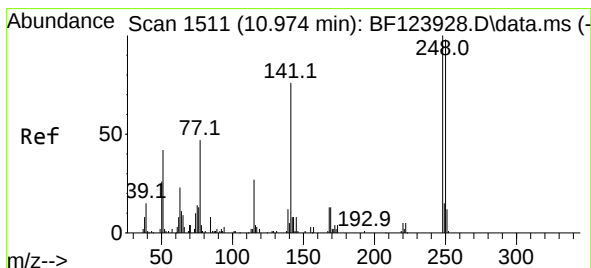
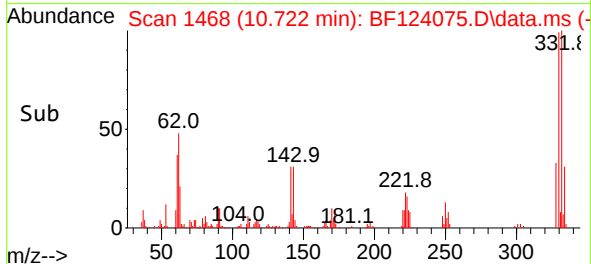
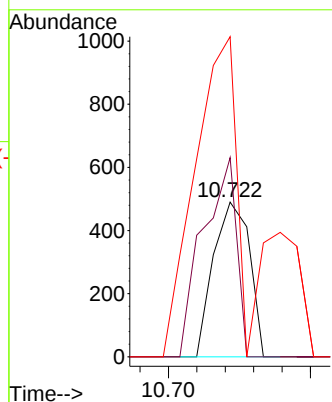
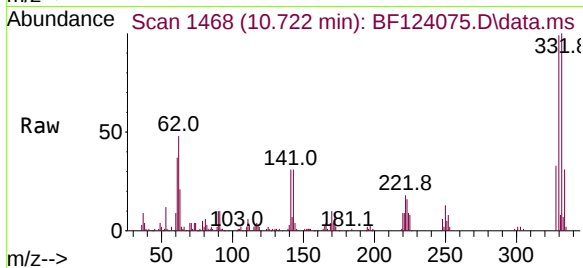




#65
4,6-Dinitro-2-methylphenol
Concen: 5.73 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.195 min
Lab File: BF124075.D
Acq: 26 May 2021 21:15

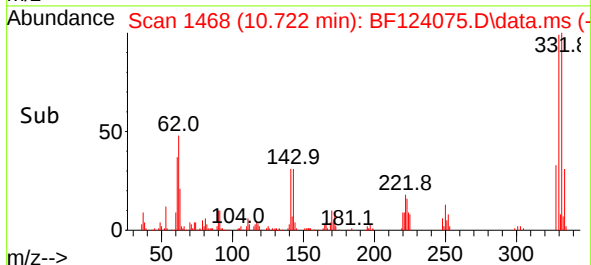
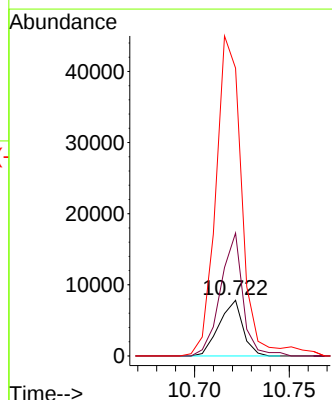
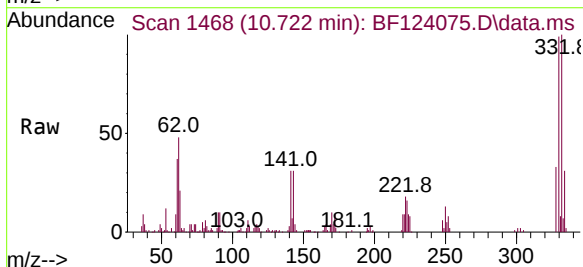
Instrument :
BNA_F
ClientSampleID :
GHOST-5D

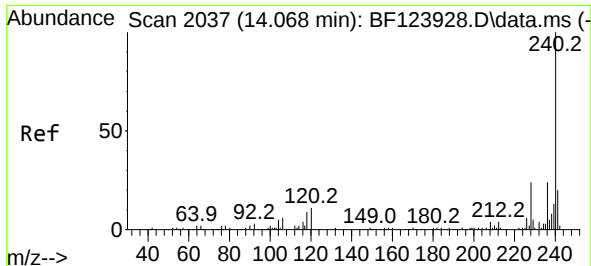
Tgt Ion:198 Resp: 432
Ion Ratio Lower Upper
198 100
51 128.8 64.8 104.8#
105 206.9 42.6 82.6#



#67
4-Bromophenyl-phenylether
Concen: 2.58 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.253 min
Lab File: BF124075.D
Acq: 26 May 2021 21:15

Tgt Ion:248 Resp: 6837
Ion Ratio Lower Upper
248 100
250 220.5 77.4 116.2#
141 516.9 63.7 95.5#

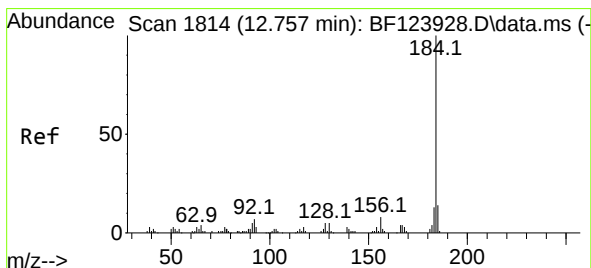
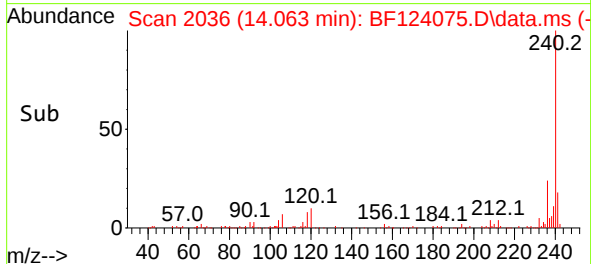
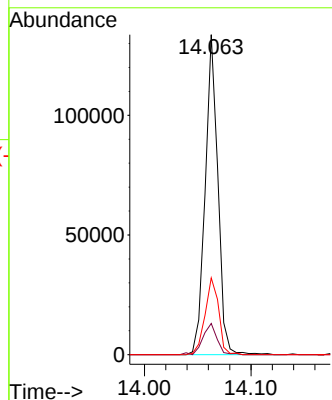
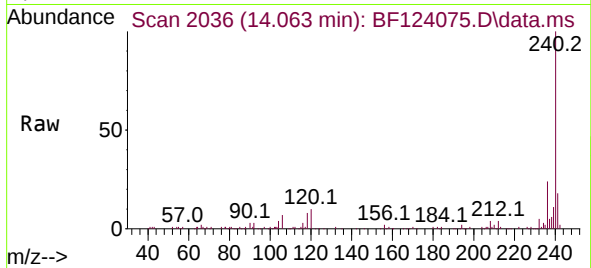




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124075.D
Acq: 26 May 2021 21:15

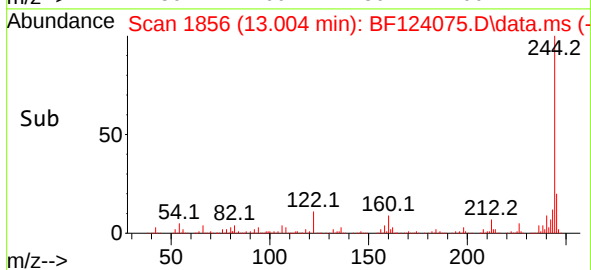
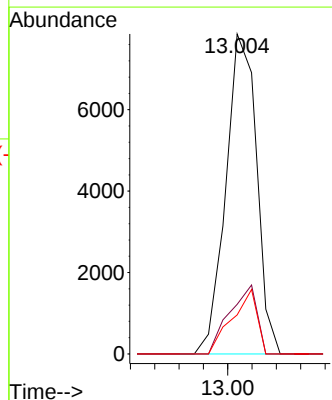
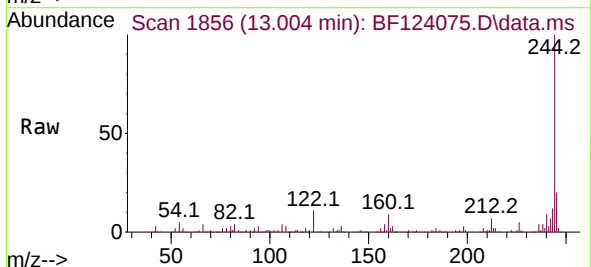
Instrument :
BNA_F
ClientSampleId :
GHOST-5D

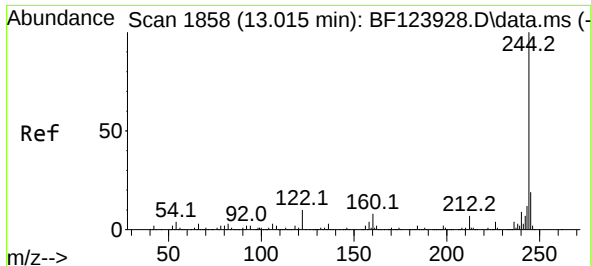
Tgt Ion:240 Resp: 111107
Ion Ratio Lower Upper
240 100
120 9.8 7.2 10.8
236 24.0 19.0 28.4



#77
Benzidine
Concen: 2.57 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.247 min
Lab File: BF124075.D
Acq: 26 May 2021 21:15

Tgt Ion:184 Resp: 6885
Ion Ratio Lower Upper
184 100
185 15.5 12.1 18.1
183 12.2 7.8 11.8#

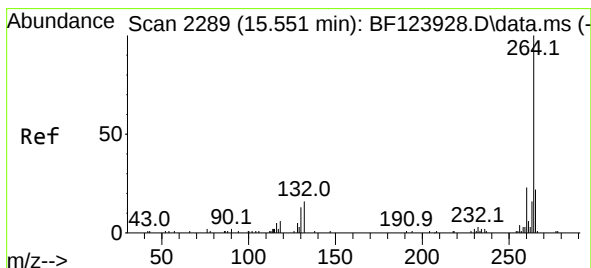
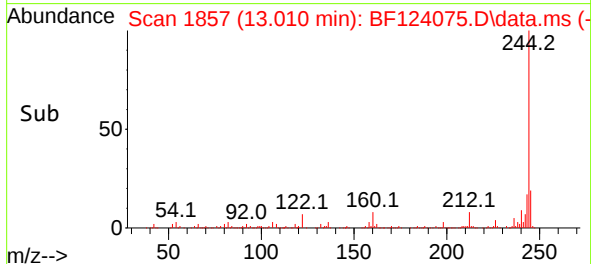
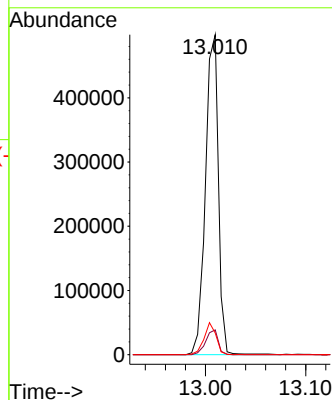
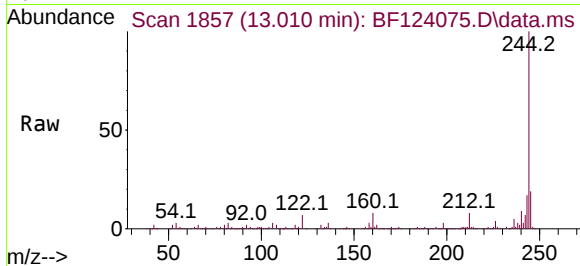




#79
 Terphenyl-d14
 Concen: 61.20 ng
 RT: 13.010 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: BF124075.D
 Acq: 26 May 2021 21:15

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-5D

Tgt Ion:244 Resp: 448956
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 6.8 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. 0.006 min
 Lab File: BF124075.D
 Acq: 26 May 2021 21:15

Tgt Ion:264 Resp: 97282
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 20.7 17.8 26.8

