

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124076.D
 Acq On : 26 May 2021 21:47
 Operator : JU/CG
 Sample : M2535-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-3

Quant Time: May 27 04:54:17 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)

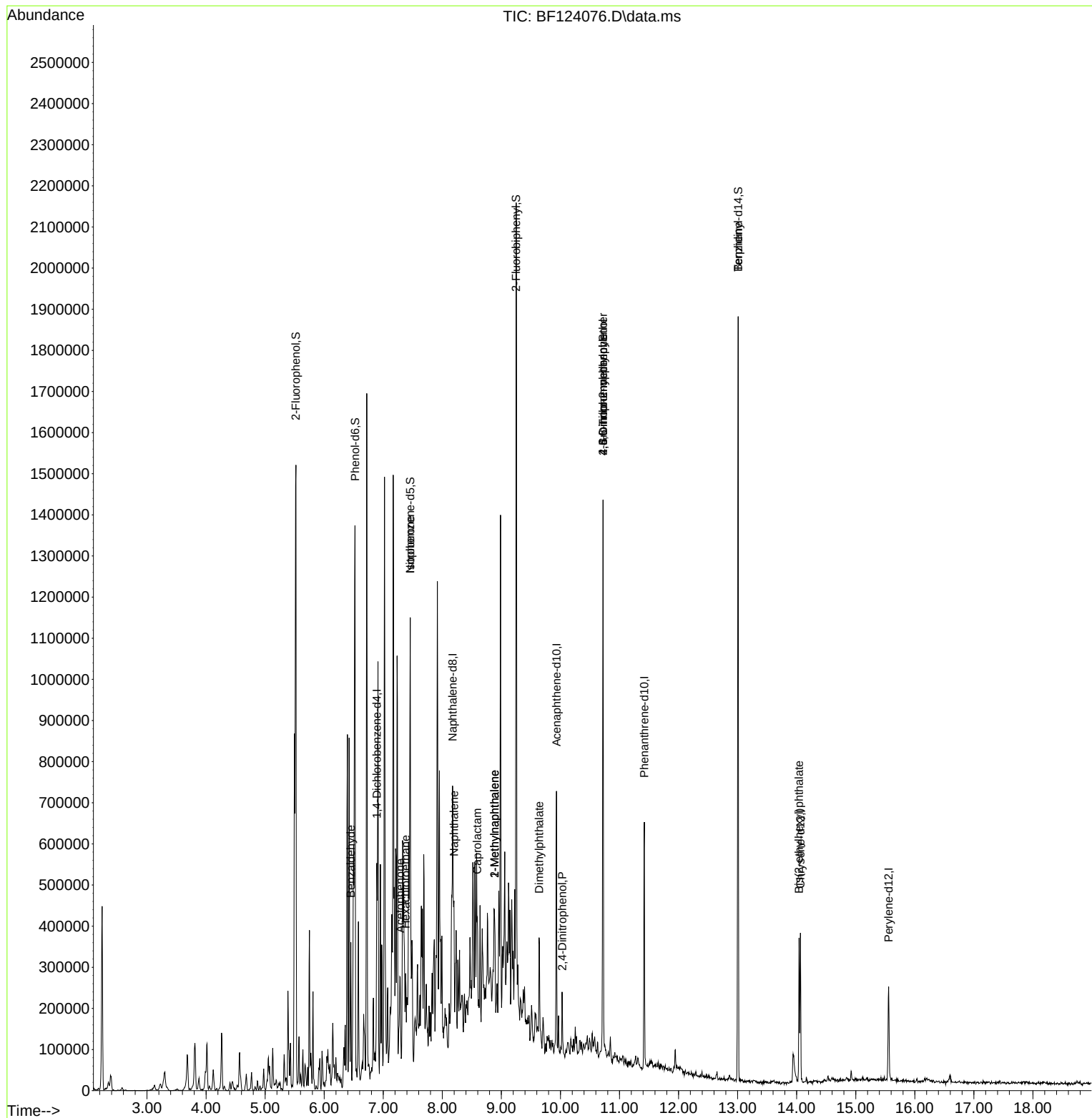
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	54714	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	200558	20.00	ng	#-0.01
39) Acenaphthene-d10	9.933	164	114401	20.00	ng	-0.01
64) Phenanthrene-d10	11.421	188	197092	20.00	ng	0.00
76) Chrysene-d12	14.062	240	111851	20.00	ng	0.00
86) Perylene-d12	15.556	264	99436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	323905	83.12	ng	0.01
7) Phenol-d6	6.522	99	402599	79.64	ng	0.00
23) Nitrobenzene-d5	7.457	82	309347	66.46	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	132241	96.24	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	545522	58.68	ng	-0.01
79) Terphenyl-d14	13.010	244	535184	72.47	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.451	77	10965	5.01	ng	# 1
18) Hexachloroethane	7.380	117	6657	3.72	ng	# 1
22) Acetophenone	7.286	105	43333	7.61	ng	# 48
25) Isophorone	7.457	82	306386	34.22	ng	# 70
31) Naphthalene	8.198	128	68690	5.79	ng	# 94
35) Caprolactam	8.592	113	4841	5.12	ng	# 1
37) 2-Methylnaphthalene	8.886	142	43473	5.40	ng	93
38) 1-Methylnaphthalene	8.886	142	43473	5.79	ng	94
50) Dimethylphthalate	9.639	163	73902	8.09	ng	98
54) 2,4-Dinitrophenol	10.033	184	114	7.38	ng	# 34
65) 4,6-Dinitro-2-methylph...	10.721	198	354	5.68	ng	# 1
67) 4-Bromophenyl-phenylether	10.721	248	8537	3.30	ng	# 1
77) Benzidine	13.010	184	9852	3.65	ng	95
84) Bis(2-ethylhexyl)phtha...	14.039	149	82147	14.95	ng	# 97

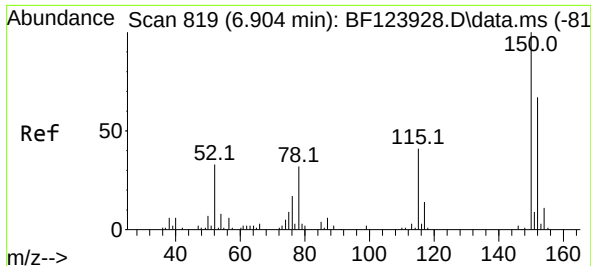
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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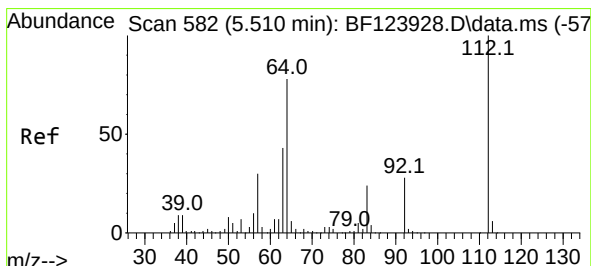
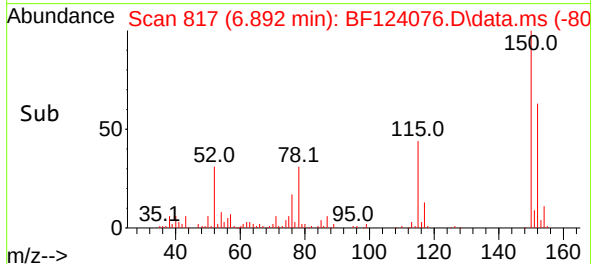
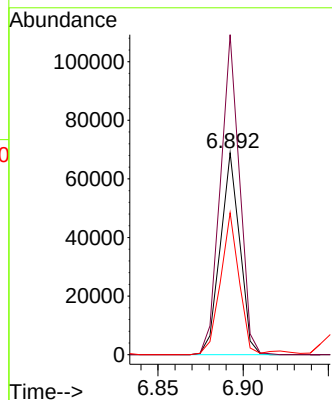
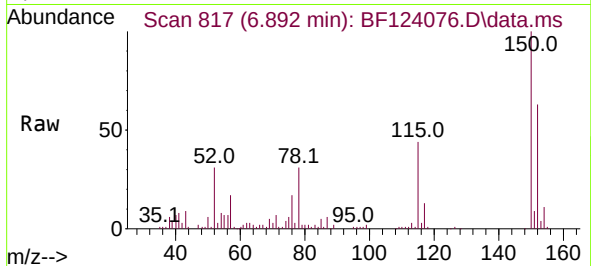




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

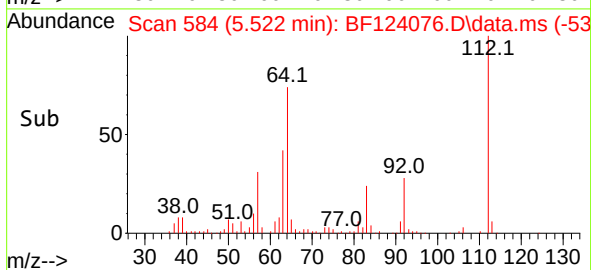
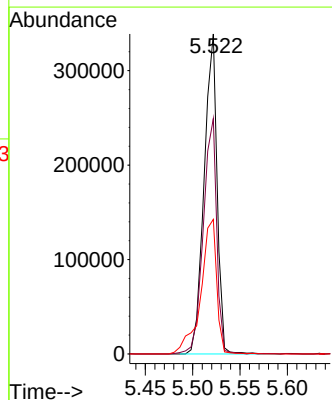
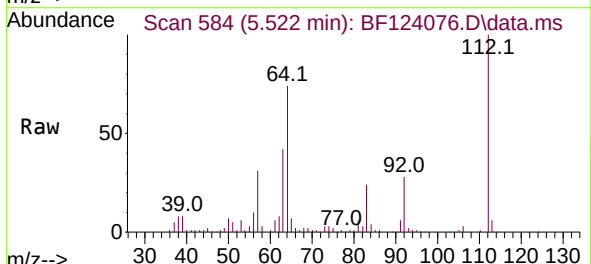
Instrument :
BNA_F
ClientSampleId :
GHOST-3

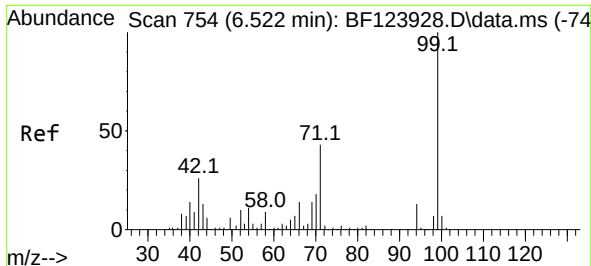
Tgt Ion:152 Resp: 54714
Ion Ratio Lower Upper
152 100
150 158.5 127.0 190.6
115 70.3 54.3 81.5



#5
2-Fluorophenol
Concen: 83.12 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

Tgt Ion:112 Resp: 323905
Ion Ratio Lower Upper
112 100
64 73.6 61.4 92.0
63 42.1 33.0 49.4

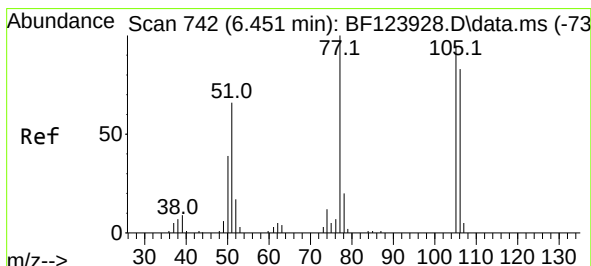
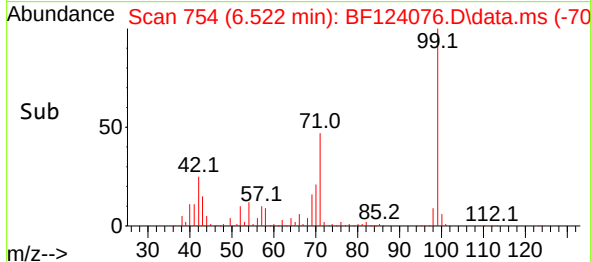
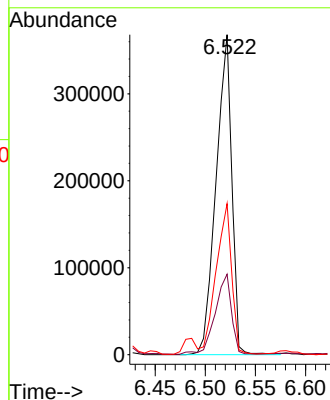
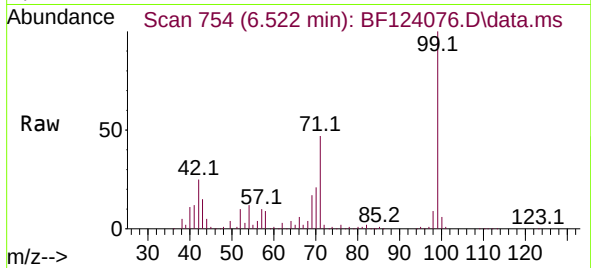




#7
Phenol-d6
Concen: 79.64 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

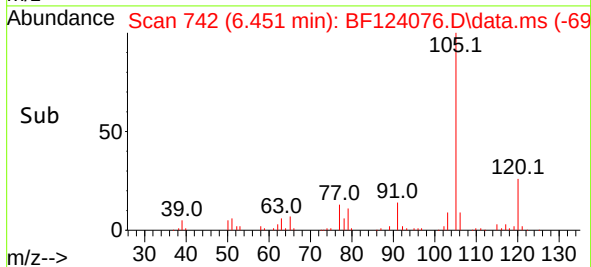
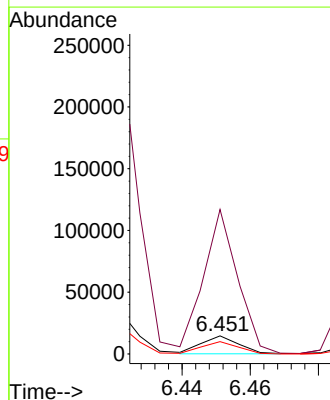
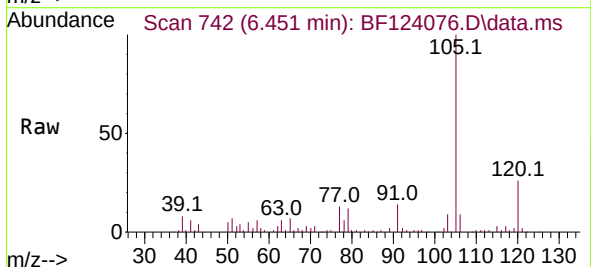
Instrument :
BNA_F
ClientSampleId :
GHOST-3

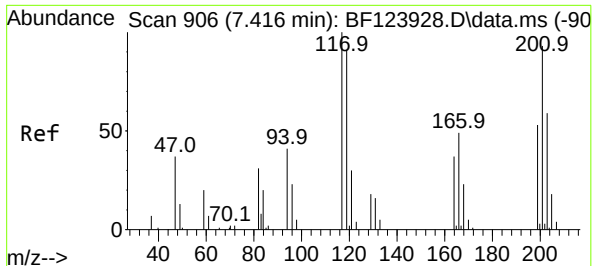
Tgt Ion: 99 Resp: 402599
Ion Ratio Lower Upper
99 100
42 25.2 19.8 29.8
71 47.2 31.1 46.7#



#9
Benzaldehyde
Concen: 5.01 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

Tgt Ion: 77 Resp: 10965
Ion Ratio Lower Upper
77 100
105 796.5 75.2 115.2#
106 68.3 71.6 111.6#

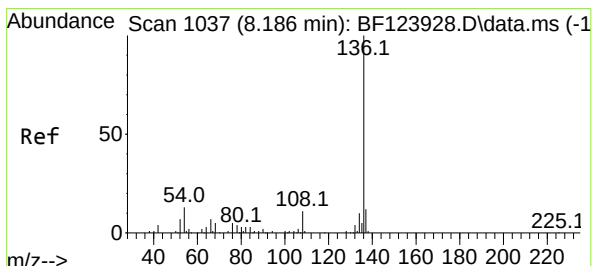
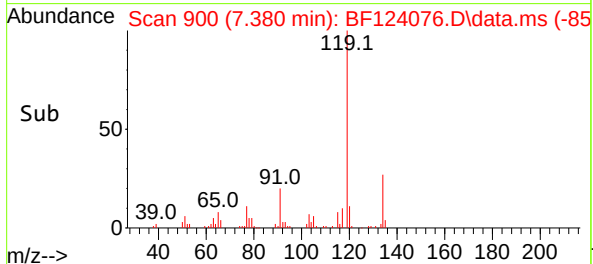
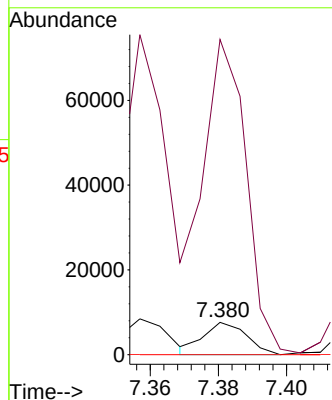
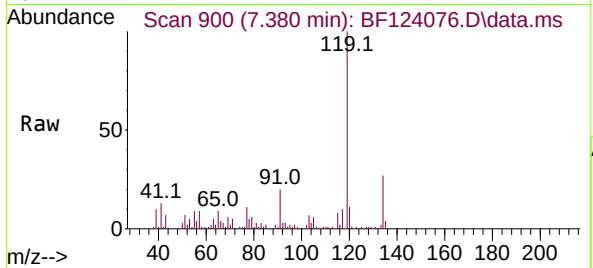




#18
Hexachloroethane
Concen: 3.72 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.035 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

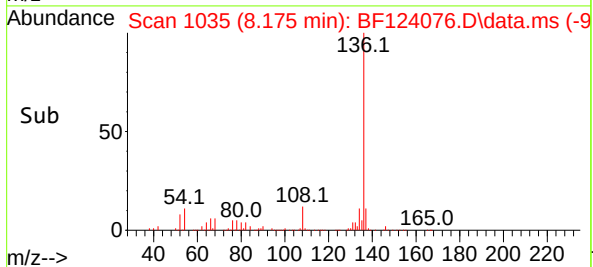
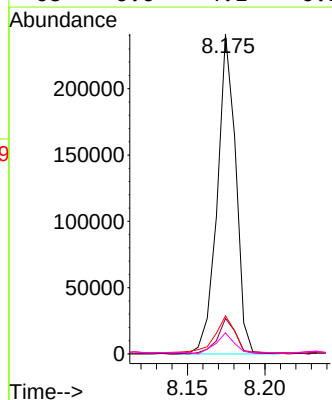
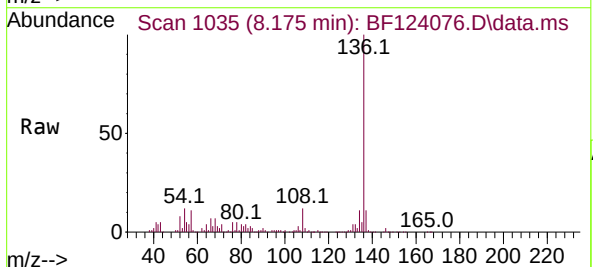
Instrument :
BNA_F
ClientSampleId :
GHOST-3

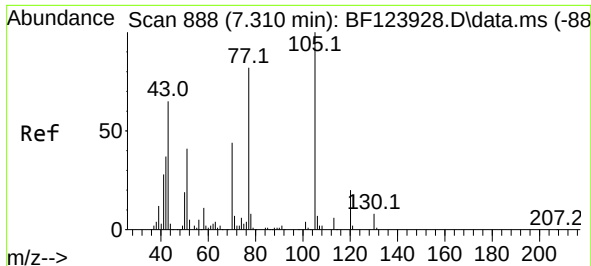
Tgt Ion:117 Resp: 6657
Ion Ratio Lower Upper
117 100
119 973.0 77.8 116.8#
201 0.0 67.8 101.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

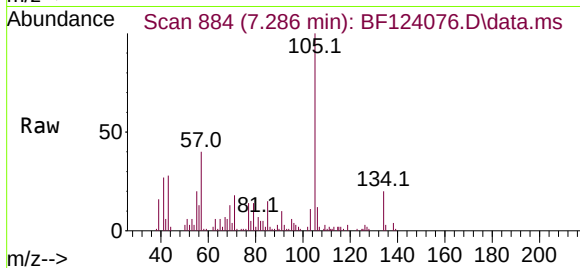
Tgt Ion:136 Resp: 200558
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 11.9 9.8 14.6
68 6.6 4.1 6.1#



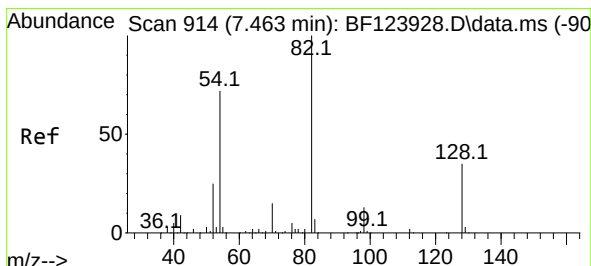
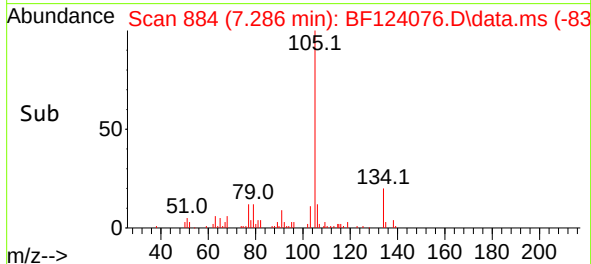
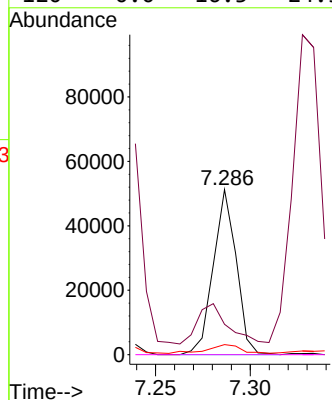


#22
Acetophenone
Concen: 7.61 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.024 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

Instrument :
BNA_F
ClientSampleId :
GHOST-3

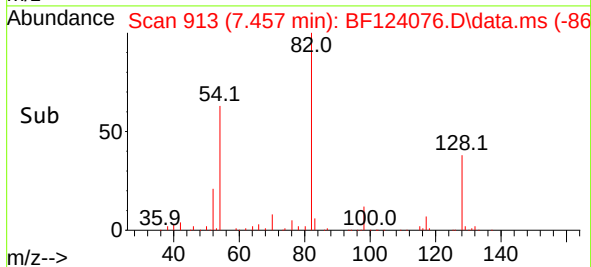
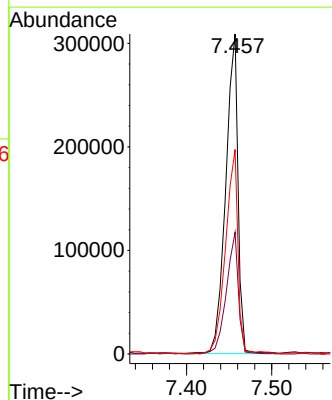
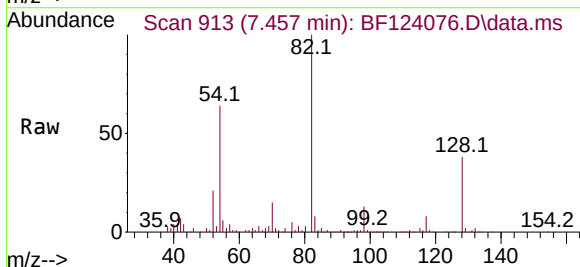


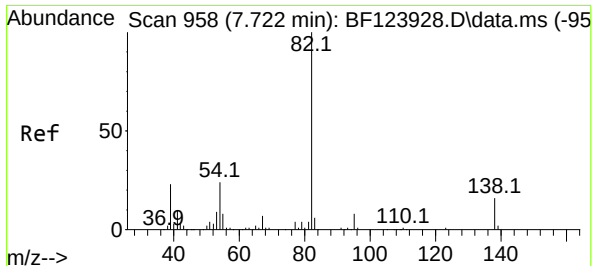
Tgt Ion:	105	Resp:	43333
Ion Ratio	Lower	Upper	
105	100		
71	18.4	4.2	6.4#
51	6.1	33.6	50.4#
120	0.0	16.3	24.5#



#23
Nitrobenzene-d5
Concen: 66.46 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

Tgt Ion:	82	Resp:	309347
Ion Ratio	Lower	Upper	
82	100		
128	38.0	29.4	44.2
54	63.9	54.1	81.1

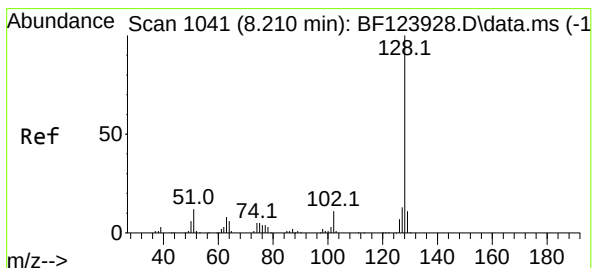
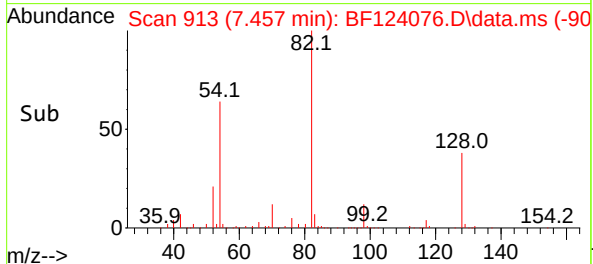
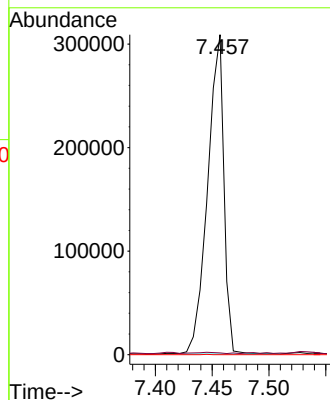
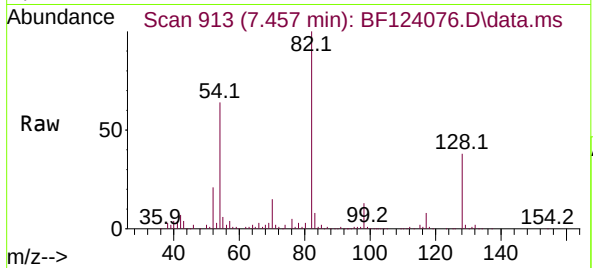




#25
Isophorone
Concen: 34.22 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

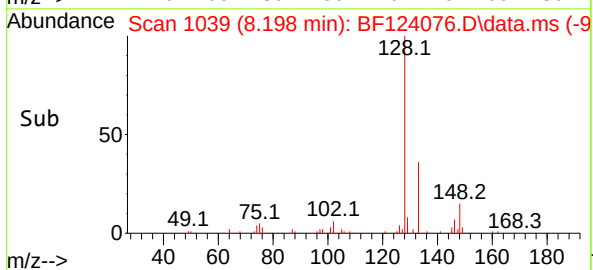
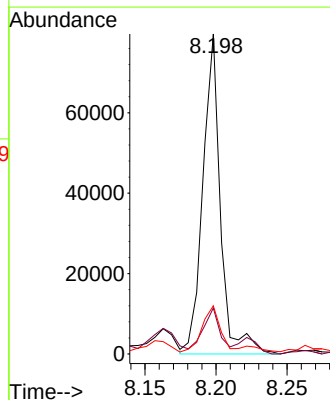
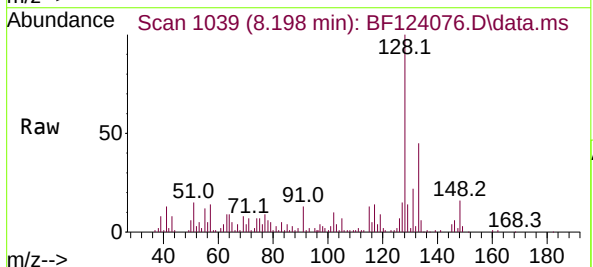
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ClientSampleId :
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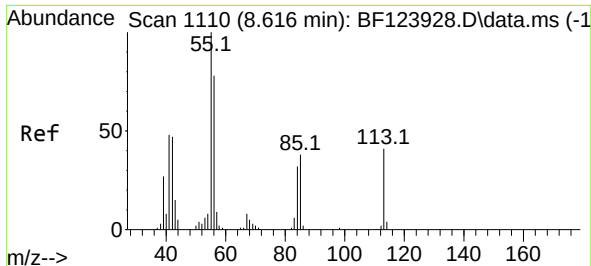
Tgt Ion: 82 Resp: 306386
Ion Ratio Lower Upper
82 100
95 0.5 5.8 8.6#
138 0.0 11.8 17.8#



#31
Naphthalene
Concen: 5.79 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

Tgt Ion: 128 Resp: 68690
Ion Ratio Lower Upper
128 100
129 14.3 8.9 13.3#
127 15.0 10.8 16.2

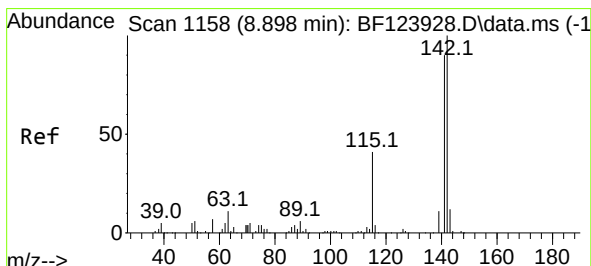
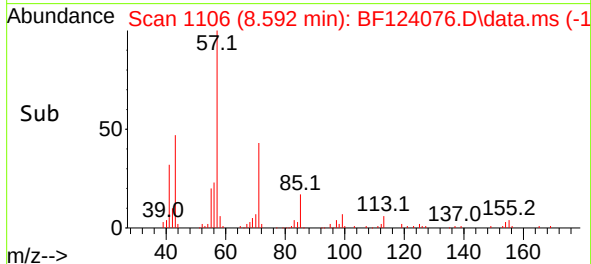
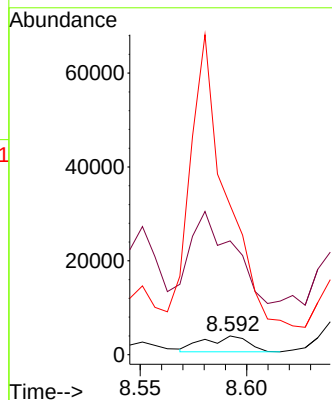
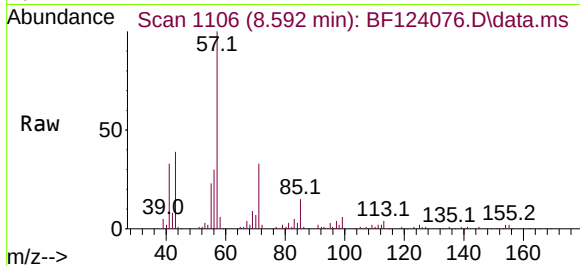




#35
 Caprolactam
 Concen: 5.12 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. -0.024 min
 Lab File: BF124076.D
 Acq: 26 May 2021 21:47

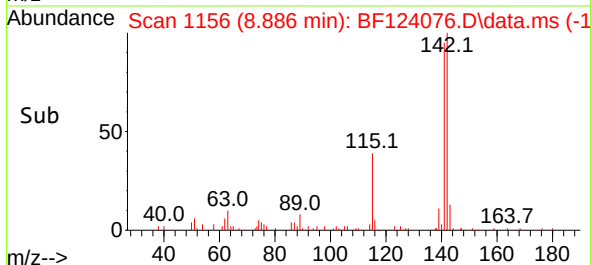
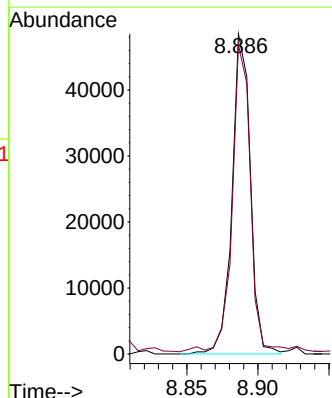
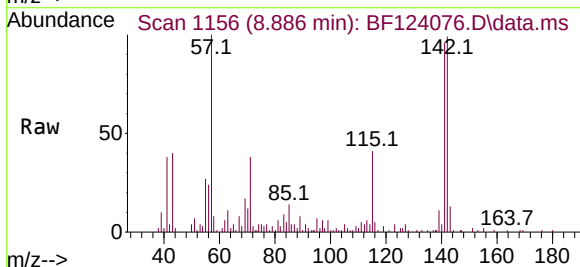
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 ClientSampled :
 GHOST-3

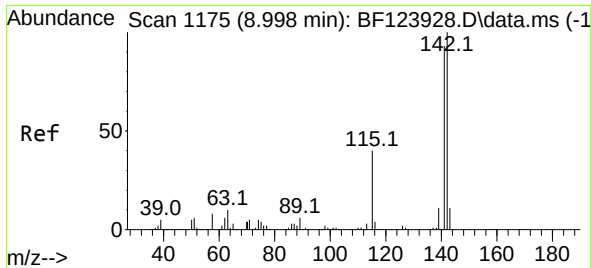
Tgt Ion:113 Resp: 4841
 Ion Ratio Lower Upper
 113 100
 55 607.2 254.9 294.9#
 56 797.8 179.4 219.4#



#37
 2-Methylnaphthalene
 Concen: 5.40 ng
 RT: 8.886 min Scan# 1156
 Delta R.T. -0.012 min
 Lab File: BF124076.D
 Acq: 26 May 2021 21:47

Tgt Ion:142 Resp: 43473
 Ion Ratio Lower Upper
 142 100
 141 96.6 71.8 107.6

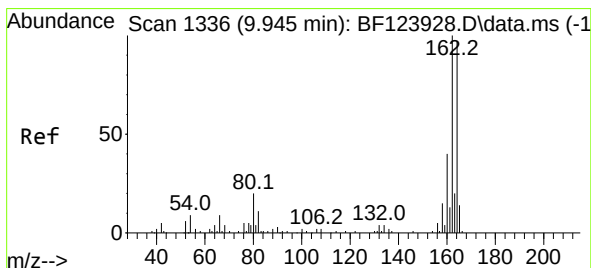
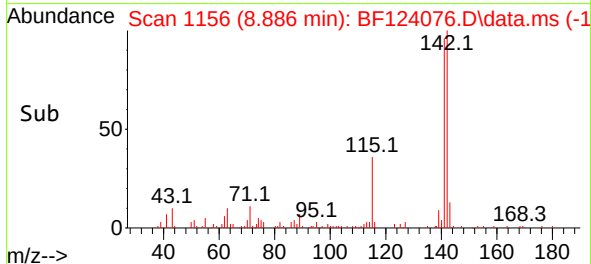
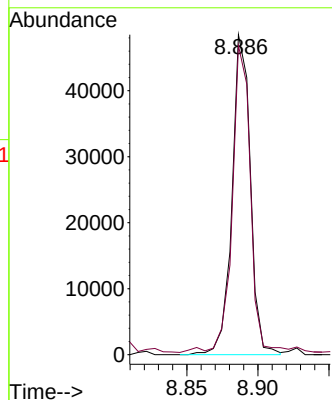
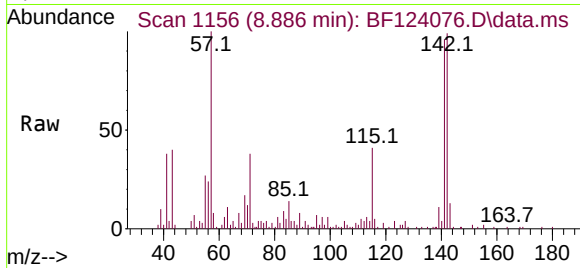




#38
1-Methylnaphthalene
Concen: 5.79 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.112 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

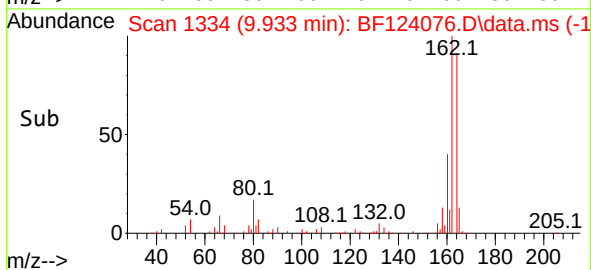
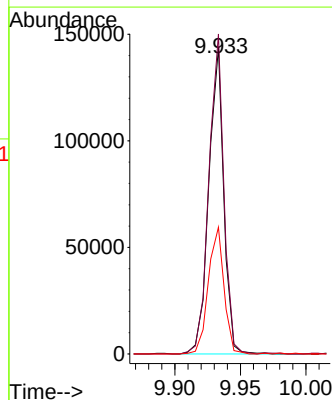
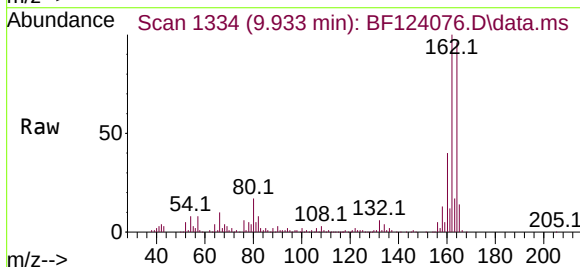
Instrument :
BNA_F
ClientSampleId :
GHOST-3

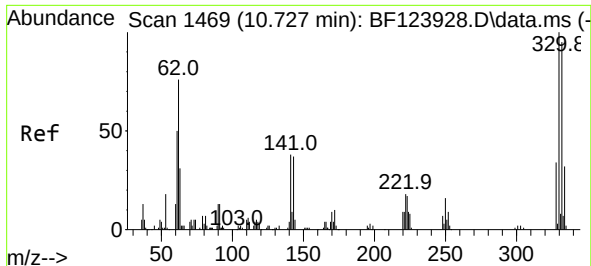
Tgt Ion:142 Resp: 43473
Ion Ratio Lower Upper
142 100
141 96.6 72.8 109.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

Tgt Ion:164 Resp: 114401
Ion Ratio Lower Upper
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162 104.5 80.7 121.1
160 41.4 37.3 55.9

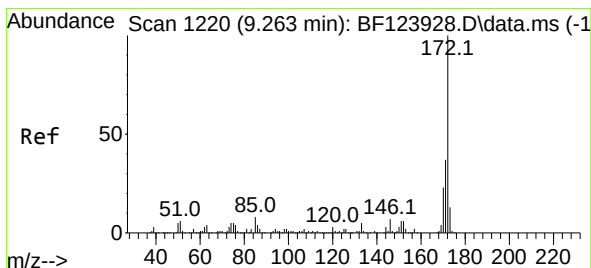
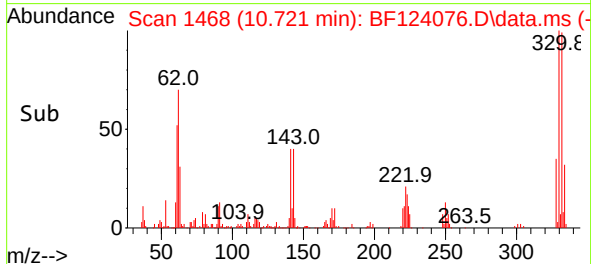
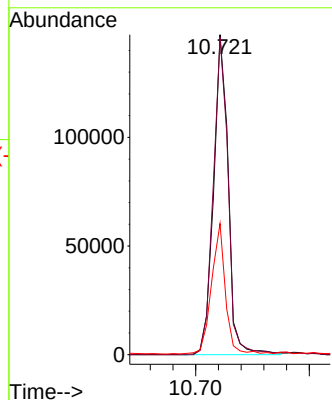
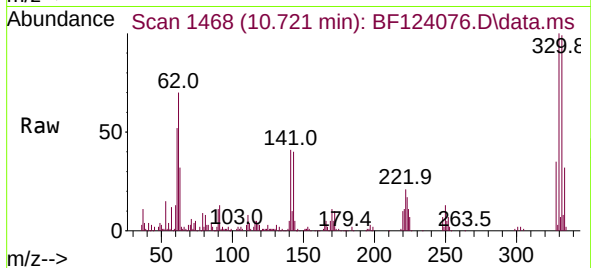




#42
2,4,6-Tribromophenol
Concen: 96.24 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

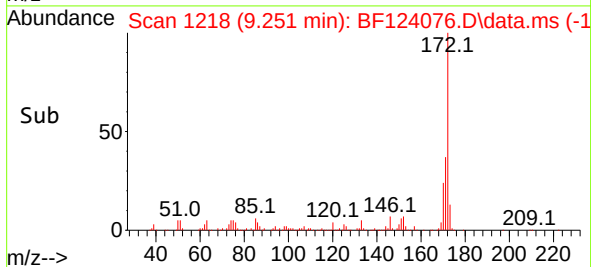
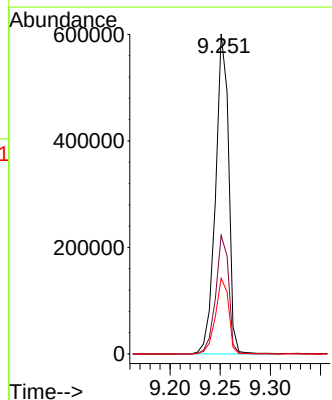
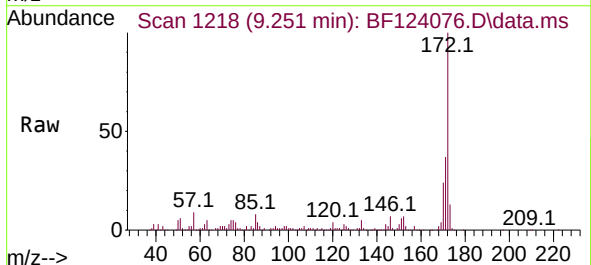
Instrument :
BNA_F
ClientSampleId :
GHOST-3

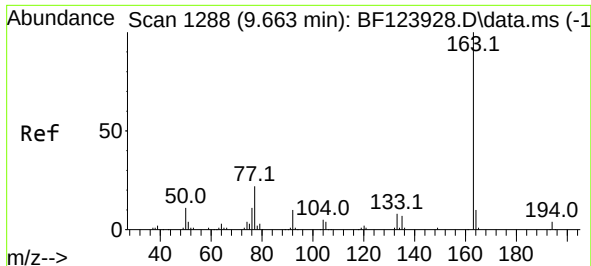
Tgt Ion: 330 Resp: 132241
Ion Ratio Lower Upper
330 100
332 101.0 77.1 115.7
141 38.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 58.68 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

Tgt Ion: 172 Resp: 545522
Ion Ratio Lower Upper
172 100
171 37.1 28.1 42.1
170 23.7 19.2 28.8

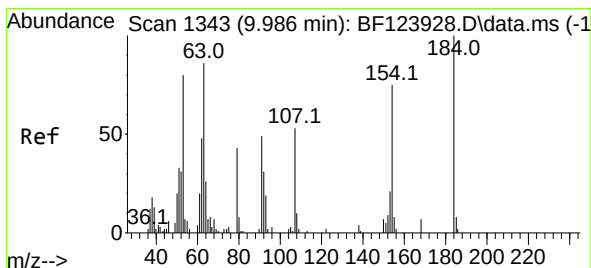
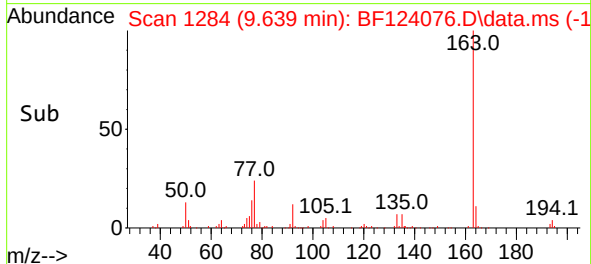
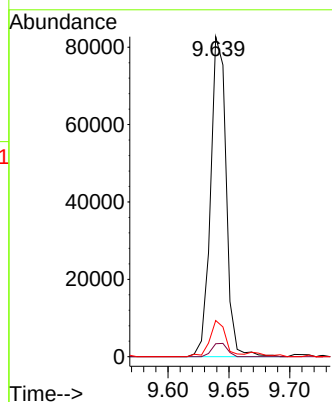
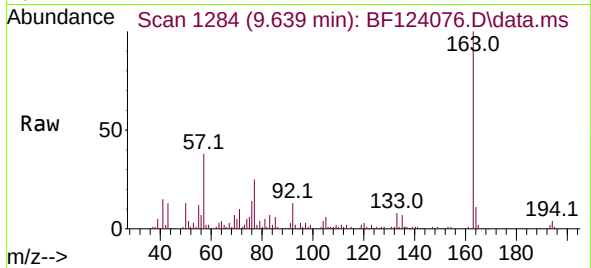




#50
Dimethylphthalate
Concen: 8.09 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

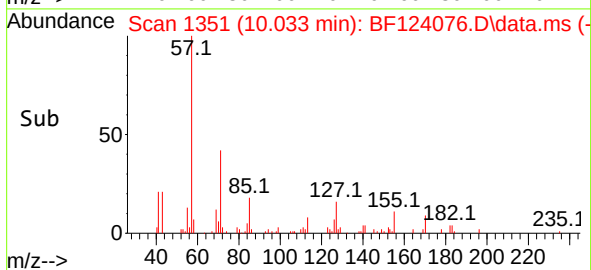
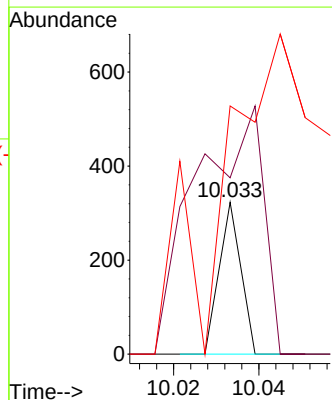
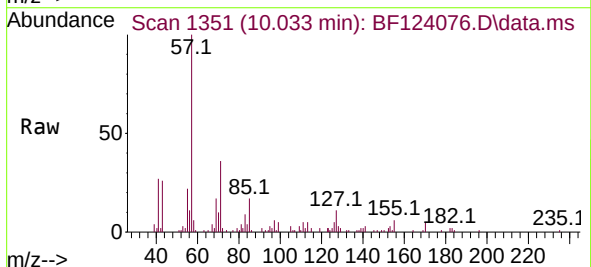
Instrument :
BNA_F
ClientSampleId :
GHOST-3

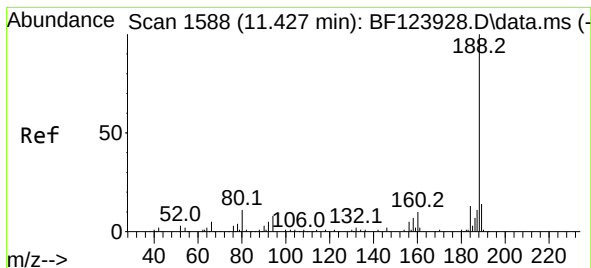
Tgt Ion:163 Resp: 73902
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 11.3 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.38 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.047 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

Tgt Ion:184 Resp: 114
Ion Ratio Lower Upper
184 100
63 116.1 73.5 110.3#
154 163.5 52.5 78.7#

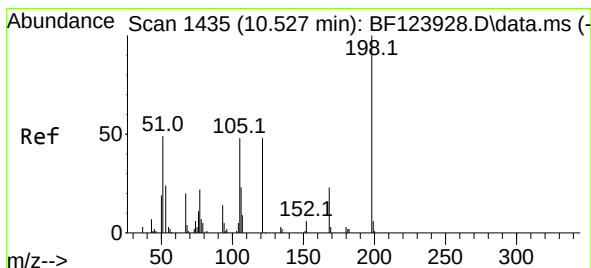
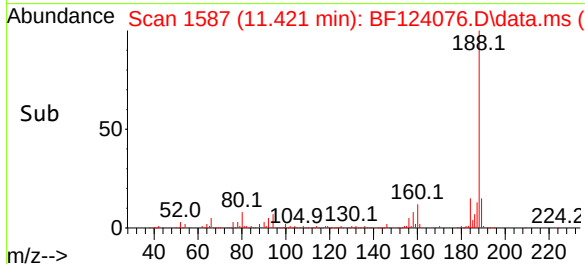
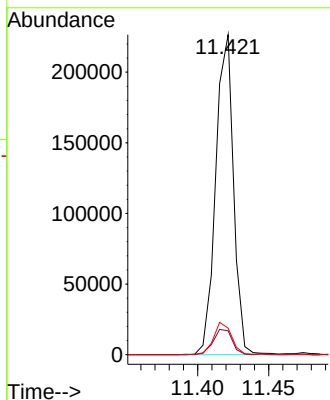
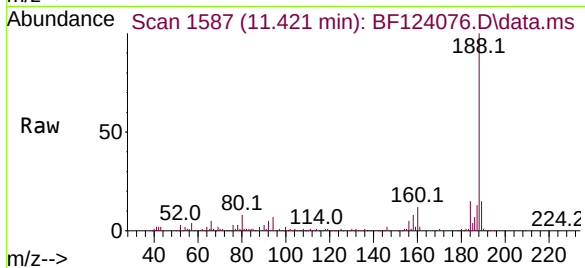




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

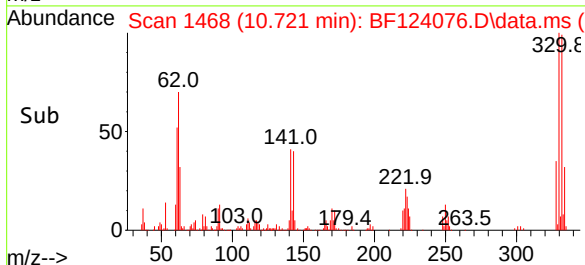
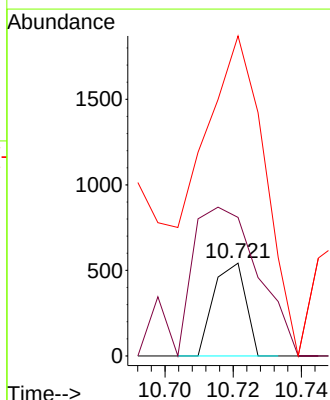
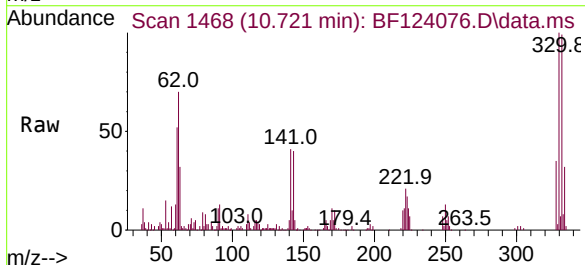
Instrument :
BNA_F
ClientSampleId :
GHOST-3

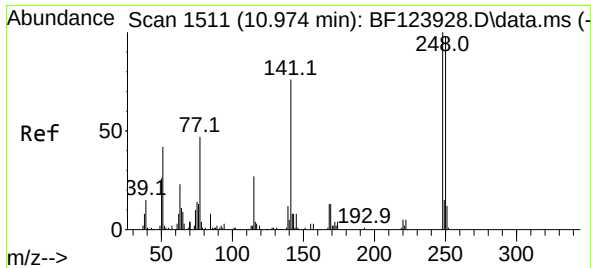
Tgt Ion:188 Resp: 197092
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.3 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.68 ng
RT: 10.721 min Scan# 1468
Delta R.T. 0.194 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

Tgt Ion:198 Resp: 354
Ion Ratio Lower Upper
198 100
51 149.4 64.8 104.8#
105 345.0 42.6 82.6#

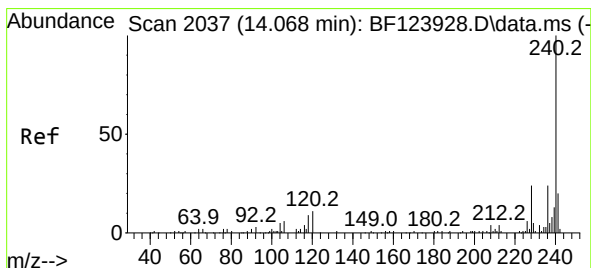
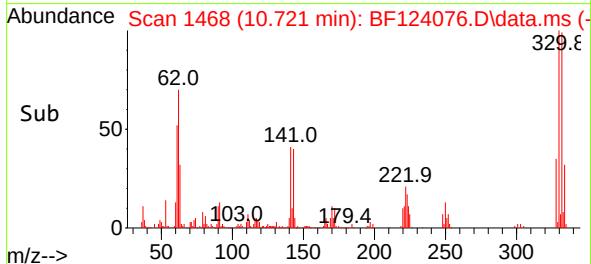
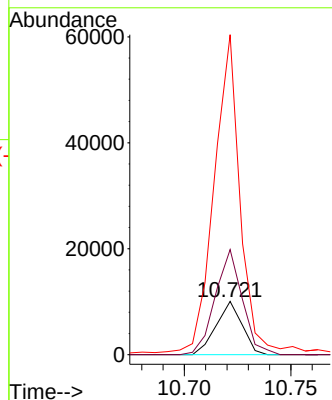
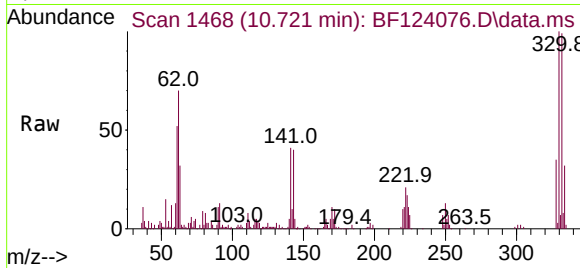




#67
4-Bromophenyl-phenylether
Concen: 3.30 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.253 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

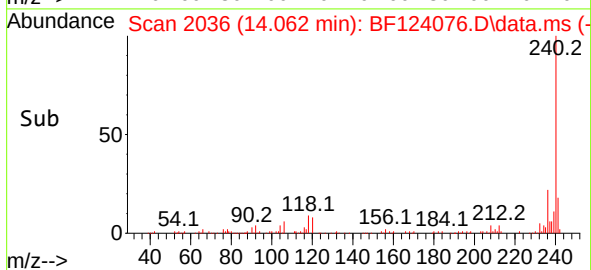
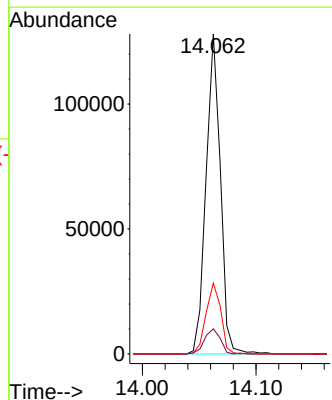
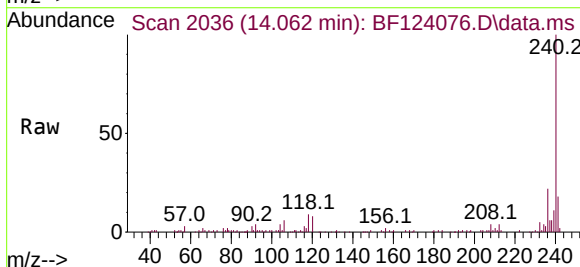
Instrument :
BNA_F
ClientSampleId :
GHOST-3

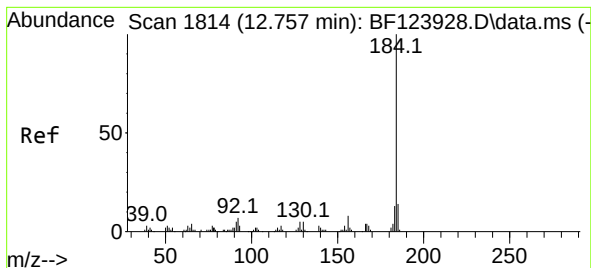
Tgt Ion:248 Resp: 8537
Ion Ratio Lower Upper
248 100
250 197.4 77.4 116.2#
141 600.8 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

Tgt Ion:240 Resp: 111851
Ion Ratio Lower Upper
240 100
120 7.9 7.2 10.8
236 22.2 19.0 28.4





#77

Benzidine

Concen: 3.65 ng

RT: 13.010 min Scan# 1857

Delta R.T. 0.253 min

Lab File: BF124076.D

Acq: 26 May 2021 21:47

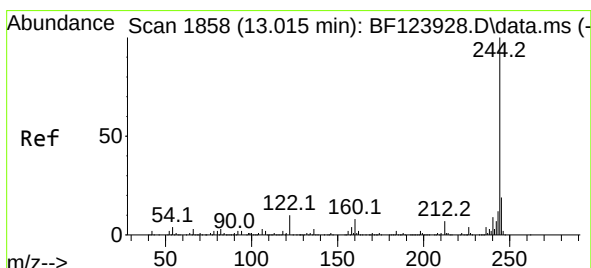
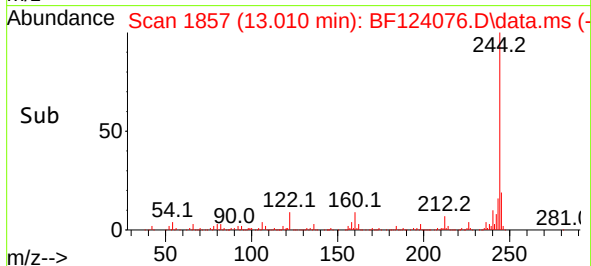
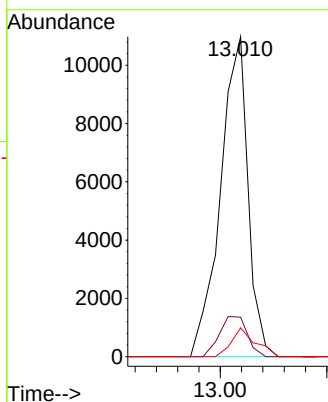
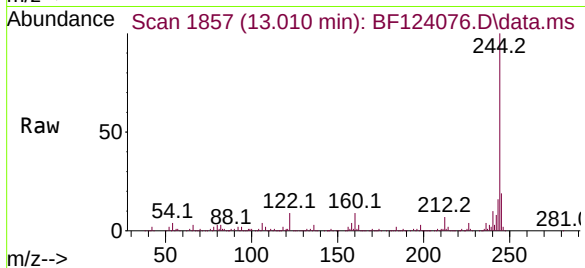
Tgt Ion:184	Resp:	9852
Ion Ratio	Lower	Upper
184	100	
185	12.3	12.1 18.1
183	9.0	7.8 11.8

Instrument :

BNA_F

ClientSampleId :

GHOST-3



#79

Terphenyl-d14

Concen: 72.47 ng

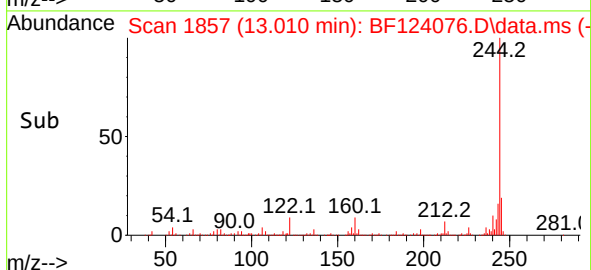
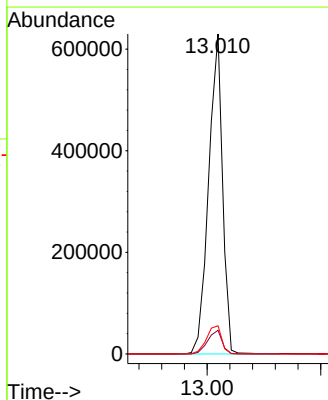
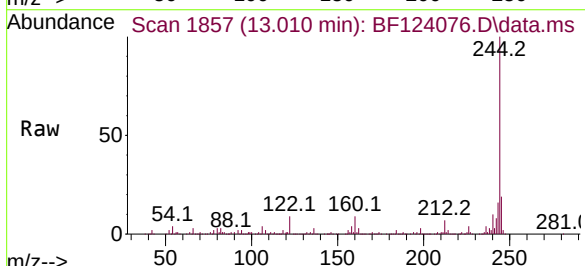
RT: 13.010 min Scan# 1857

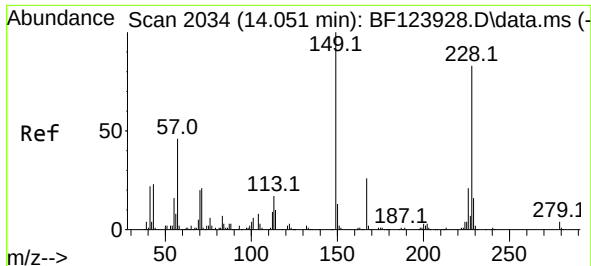
Delta R.T. -0.006 min

Lab File: BF124076.D

Acq: 26 May 2021 21:47

Tgt Ion:244	Resp:	535184
Ion Ratio	Lower	Upper
244	100	
212	7.4	5.7 8.5
122	8.8	9.7 14.5#

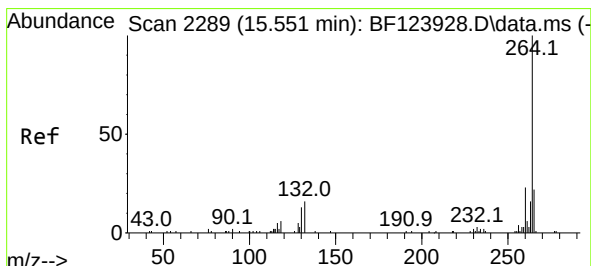
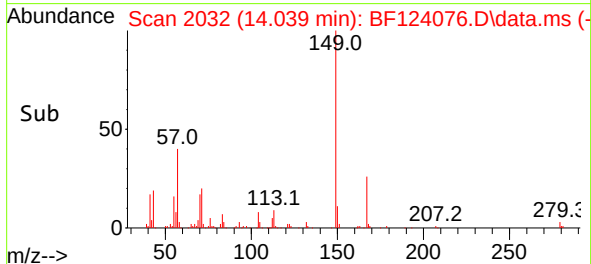
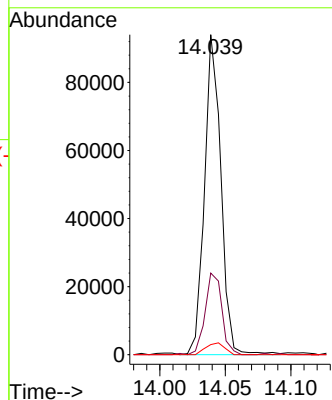
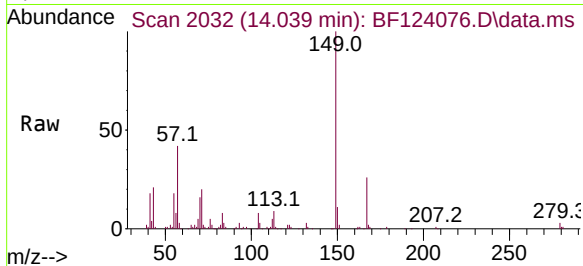




#84
Bis(2-ethylhexyl)phthalate
Concen: 14.95 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

Instrument :
BNA_F
ClientSampleId :
GHOST-3

Tgt Ion:149 Resp: 82147
Ion Ratio Lower Upper
149 100
167 25.5 21.8 32.6
279 3.2 3.3 4.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.556 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF124076.D
Acq: 26 May 2021 21:47

Tgt Ion:264 Resp: 99436
Ion Ratio Lower Upper
264 100
260 21.2 18.7 28.1
265 20.0 17.8 26.8

