

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124081.D
 Acq On : 27 May 2021 00:30
 Operator : JU/CG
 Sample : M2535-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-4D

Quant Time: May 27 04:55:11 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)

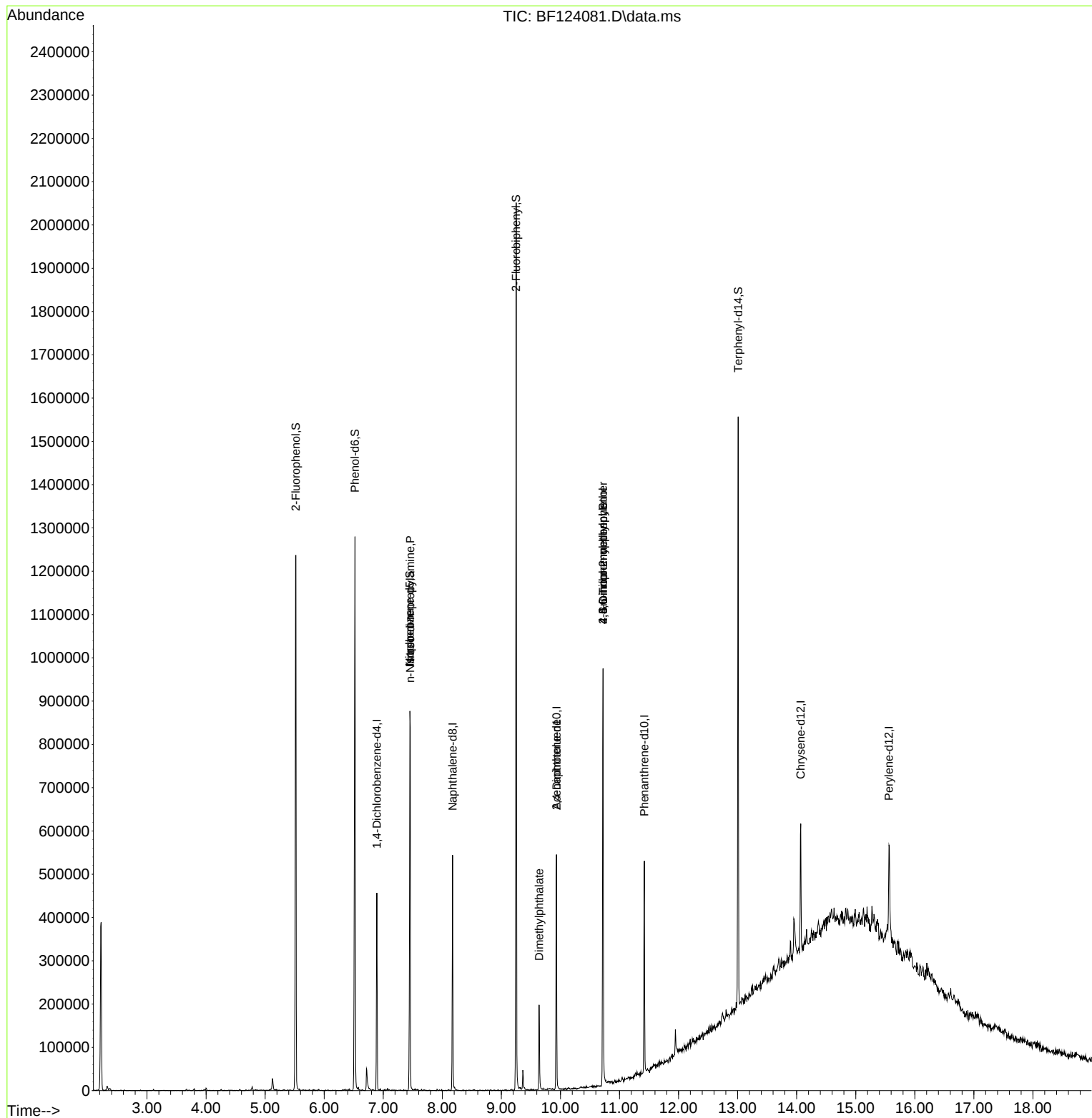
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	52596	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	203687	20.00	ng	-0.01
39) Acenaphthene-d10	9.933	164	103491	20.00	ng	-0.01
64) Phenanthrene-d10	11.422	188	159428	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	100020	20.00	ng	0.00
86) Perylene-d12	15.562	264	98740	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	297959	79.54	ng	0.01
7) Phenol-d6	6.522	99	381851	78.58	ng	0.00
23) Nitrobenzene-d5	7.451	82	292287	61.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	102624	82.56	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	521088	61.96	ng	-0.01
79) Terphenyl-d14	13.010	244	381593	57.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	43015	13.10	ng	# 63
25) Isophorone	7.451	82	292281	32.14	ng	# 69
50) Dimethylphthalate	9.639	163	70767	8.56	ng	97
57) 2,4-Dinitrotoluene	9.933	165	13439	6.56	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.722	198	417	5.80	ng	# 80
67) 4-Bromophenyl-phenylether	10.722	248	6276	3.00	ng	# 1

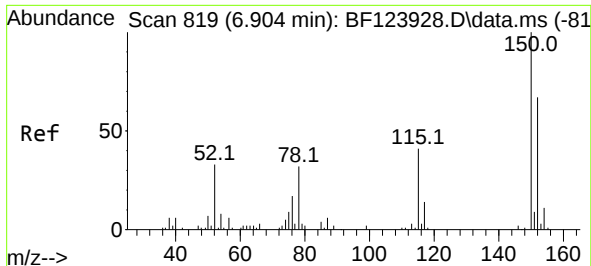
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

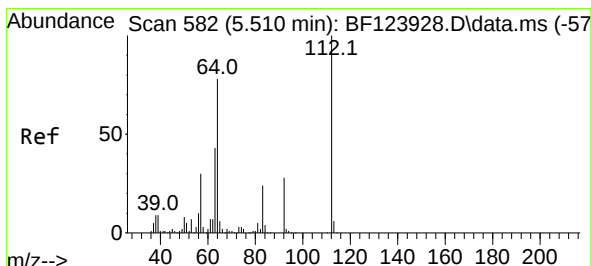
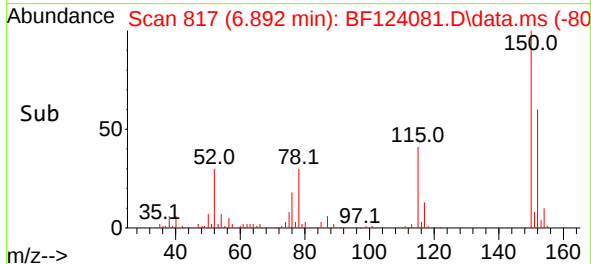
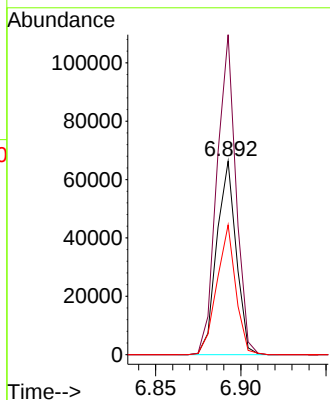
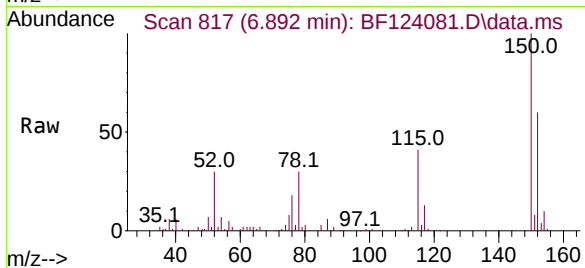




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124081.D
Acq: 27 May 2021 00:30

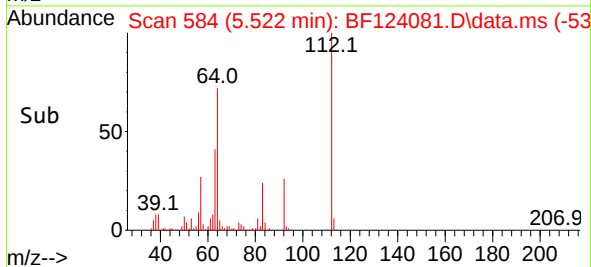
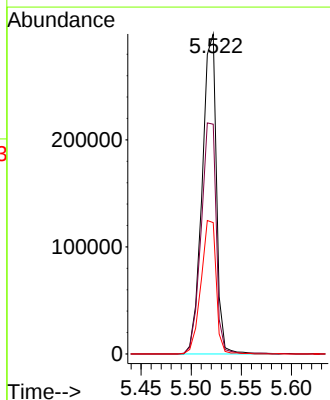
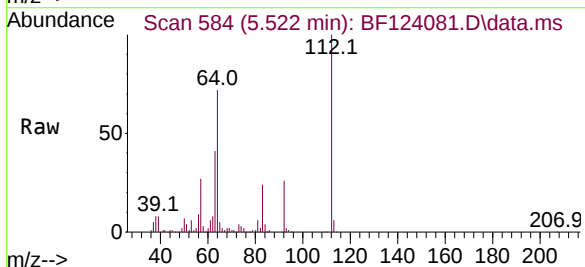
Instrument :
BNA_F
ClientSampleID :
GHOST-4D

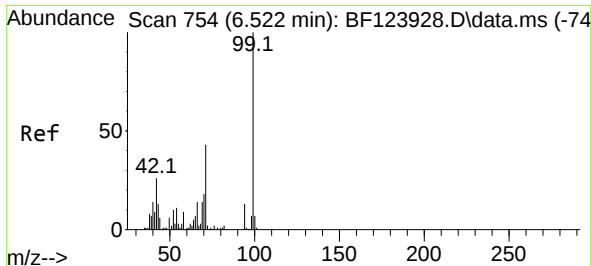
Tgt Ion:152 Resp: 52596
Ion Ratio Lower Upper
152 100
150 165.4 127.0 190.6
115 67.1 54.3 81.5



#5
2-Fluorophenol
Concen: 79.54 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF124081.D
Acq: 27 May 2021 00:30

Tgt Ion:112 Resp: 297959
Ion Ratio Lower Upper
112 100
64 71.8 61.4 92.0
63 41.0 33.0 49.4

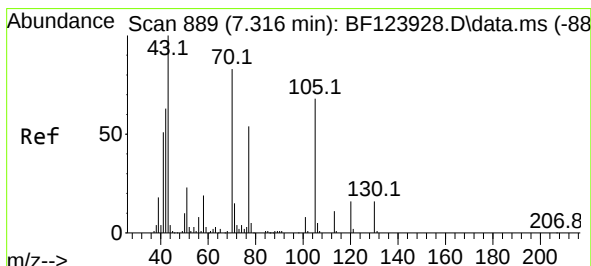
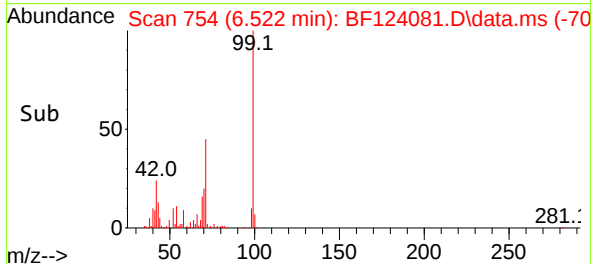
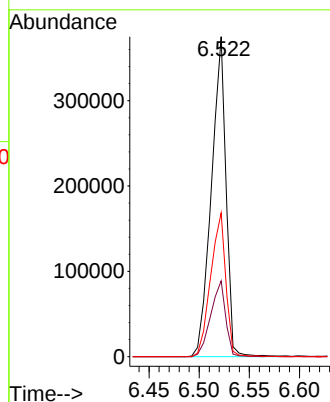
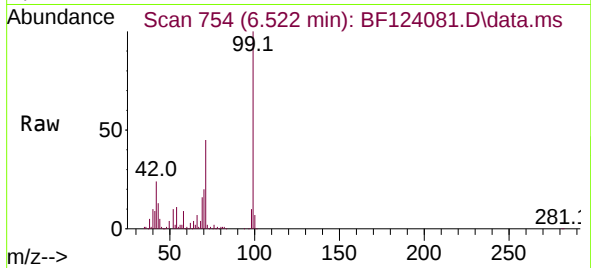




#7
Phenol-d6
Concen: 78.58 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF124081.D
Acq: 27 May 2021 00:30

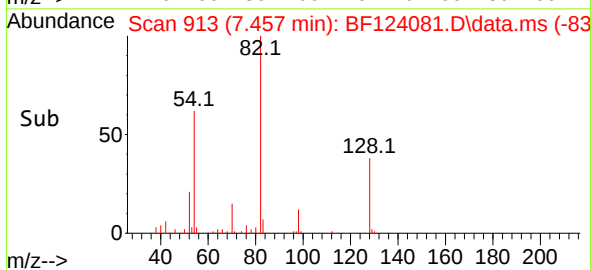
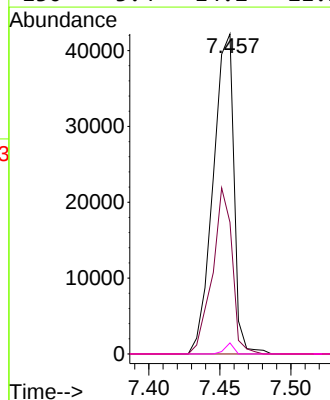
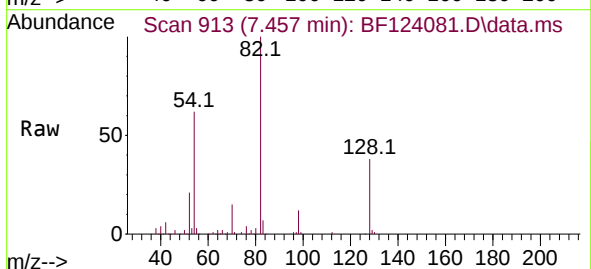
Instrument :
BNA_F
ClientSampleId :
GHOST-4D

Tgt Ion: 99 Resp: 381851
Ion Ratio Lower Upper
99 100
42 23.7 19.8 29.8
71 45.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.10 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF124081.D
Acq: 27 May 2021 00:30

Tgt Ion: 70 Resp: 43015
Ion Ratio Lower Upper
70 100
42 41.2 60.1 90.1#
101 0.0 7.4 11.2#
130 3.4 14.2 21.2#



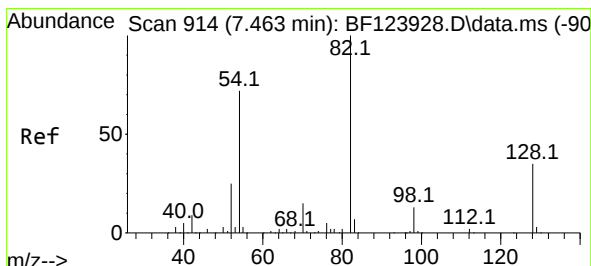
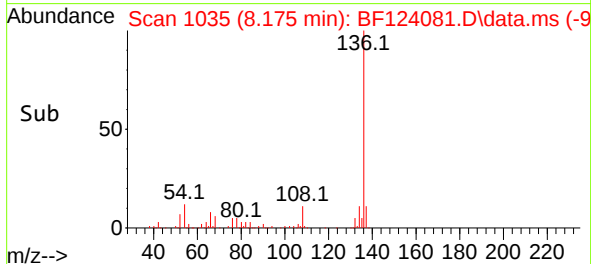
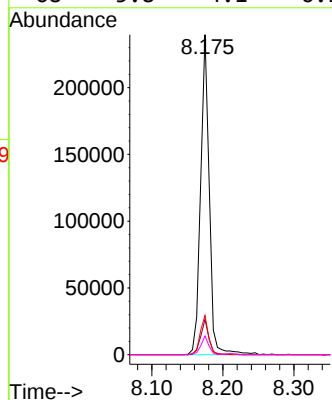
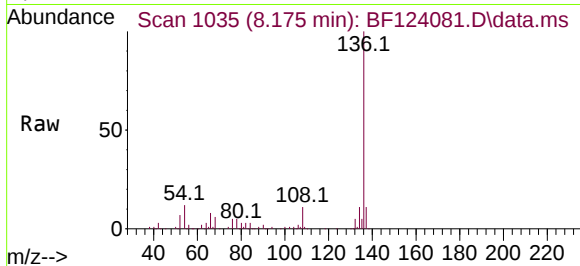


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124081.D
Acq: 27 May 2021 00:30

Instrument :
BNA_F
ClientSampleId :
GHOST-4D

Tgt Ion:136 Resp: 203687

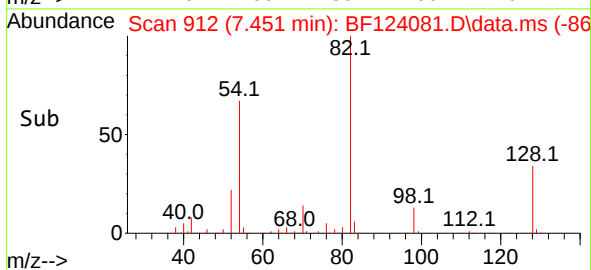
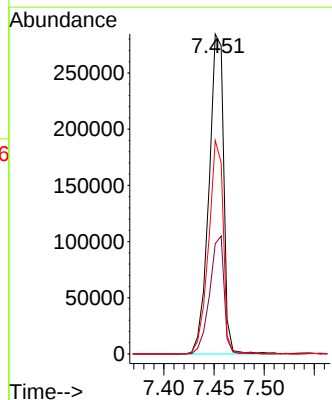
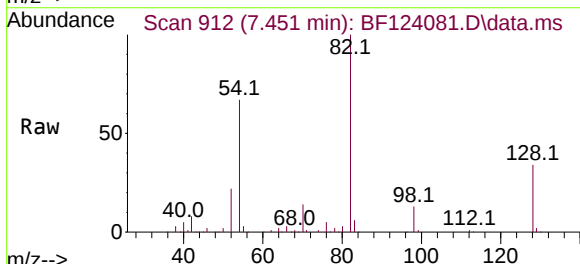
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	12.2	9.8	14.6
68	5.8	4.1	6.1

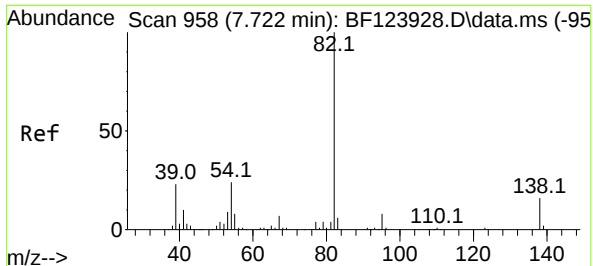


#23
Nitrobenzene-d5
Concen: 61.83 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124081.D
Acq: 27 May 2021 00:30

Tgt Ion: 82 Resp: 292287

Ion	Ratio	Lower	Upper
82	100		
128	34.5	29.4	44.2
54	66.7	54.1	81.1

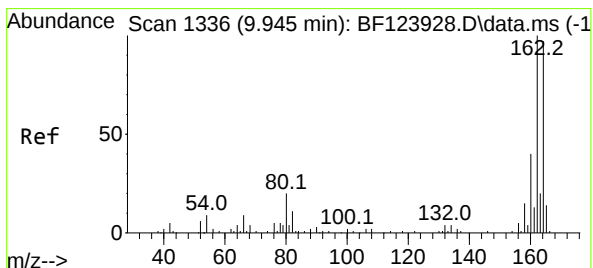
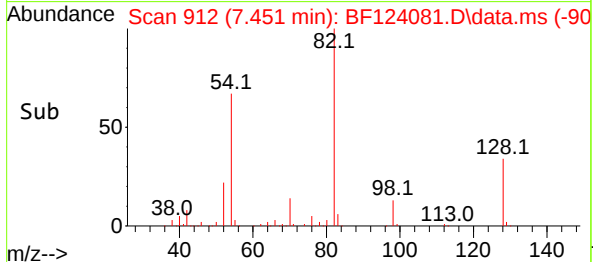
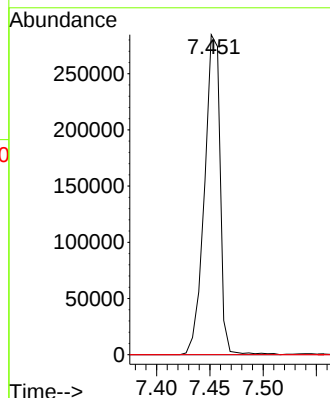
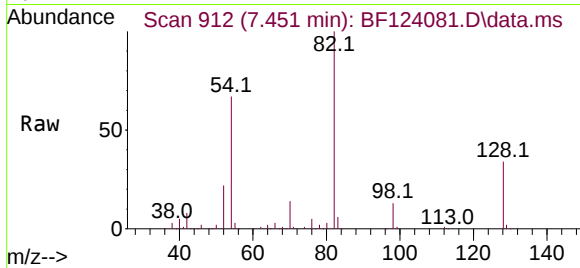




#25
Isophorone
Concen: 32.14 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.270 min
Lab File: BF124081.D
Acq: 27 May 2021 00:30

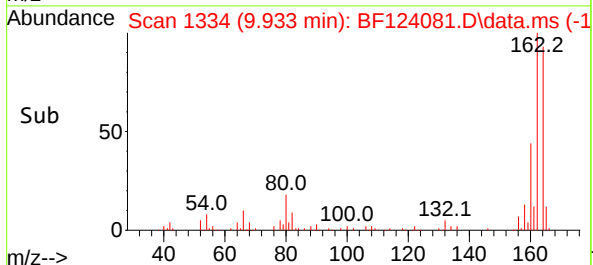
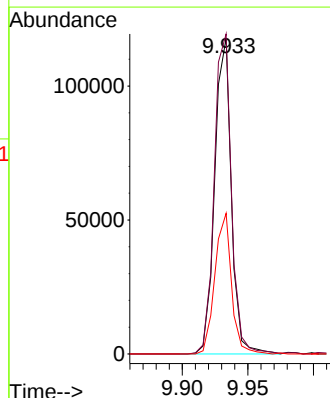
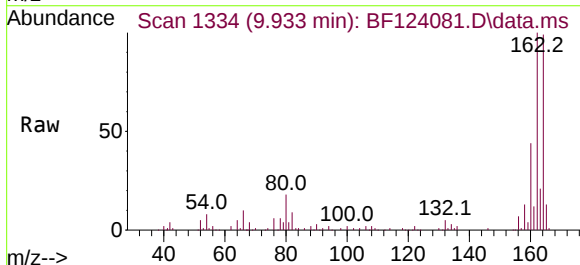
Instrument :
BNA_F
ClientSampleId :
GHOST-4D

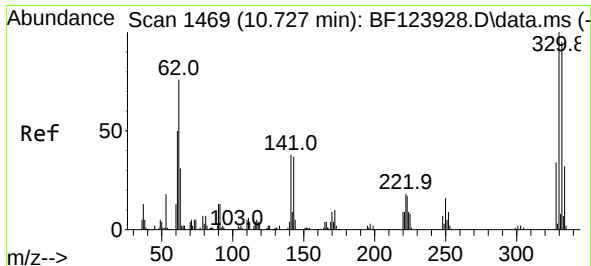
Tgt Ion: 82 Resp: 292281
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124081.D
Acq: 27 May 2021 00:30

Tgt Ion:164 Resp: 103491
Ion Ratio Lower Upper
164 100
162 101.3 80.7 121.1
160 44.6 37.3 55.9

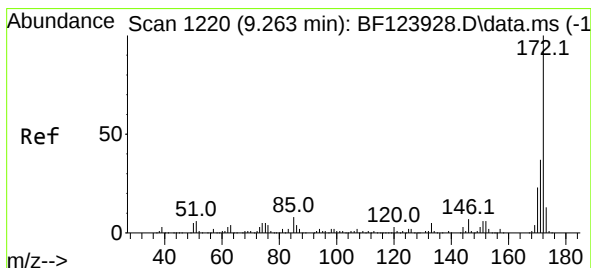
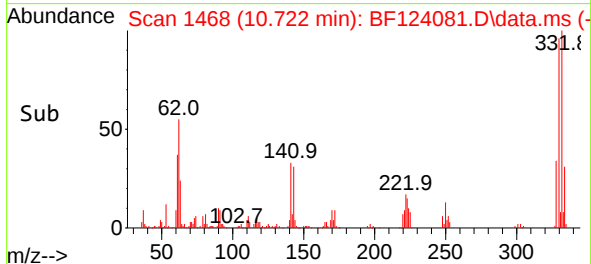
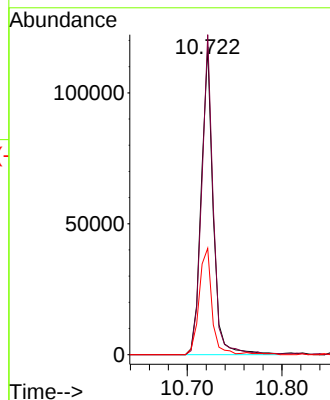
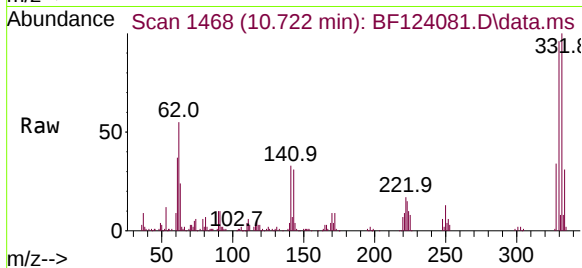




#42
2,4,6-Tribromophenol
Concen: 82.56 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124081.D
Acq: 27 May 2021 00:30

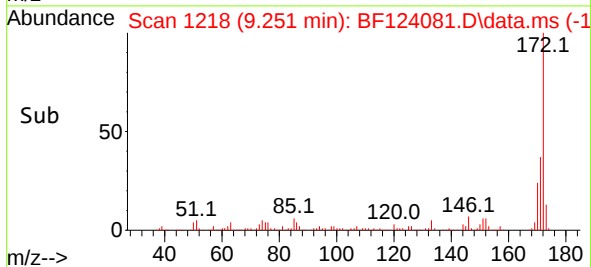
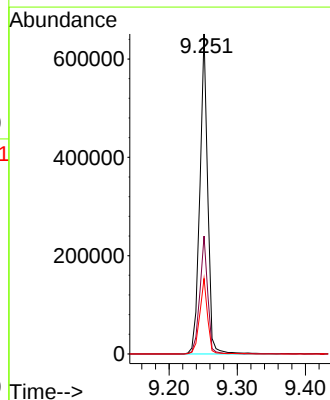
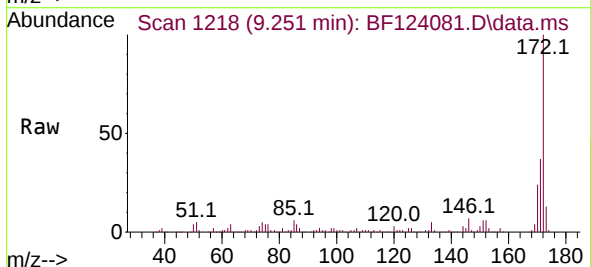
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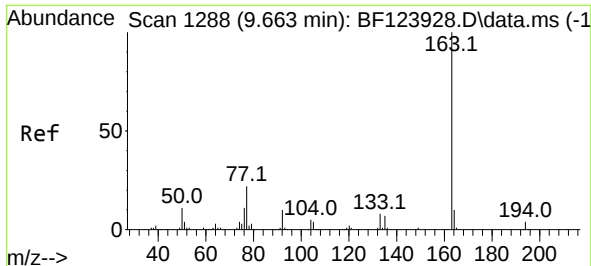
Tgt Ion: 330 Resp: 102624
Ion Ratio Lower Upper
330 100
332 100.0 77.1 115.7
141 36.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 61.96 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124081.D
Acq: 27 May 2021 00:30

Tgt Ion: 172 Resp: 521088
Ion Ratio Lower Upper
172 100
171 36.9 28.1 42.1
170 23.6 19.2 28.8

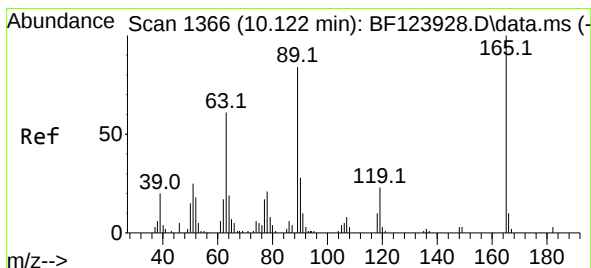
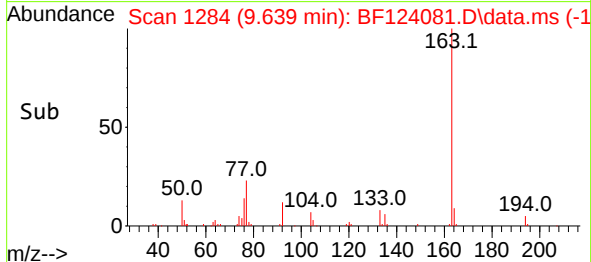
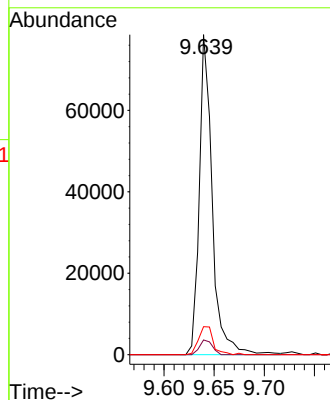
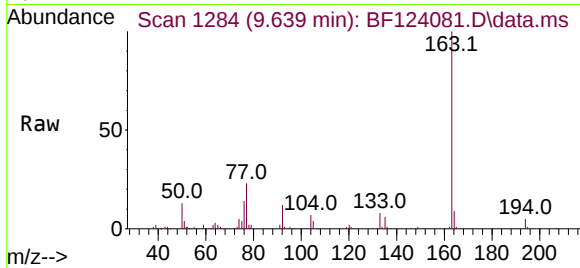




#50
Dimethylphthalate
Concen: 8.56 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.023 min
Lab File: BF124081.D
Acq: 27 May 2021 00:30

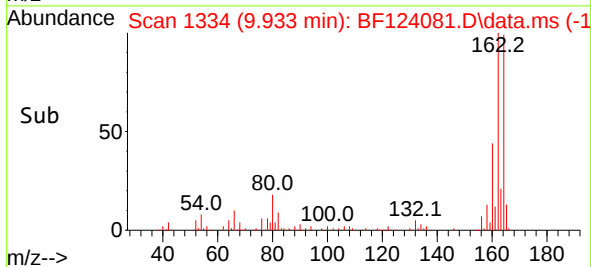
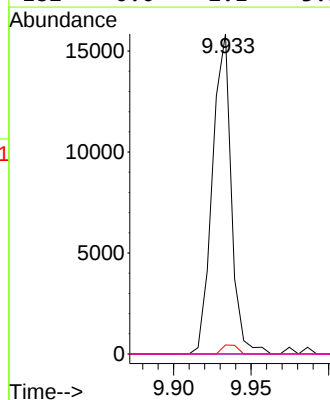
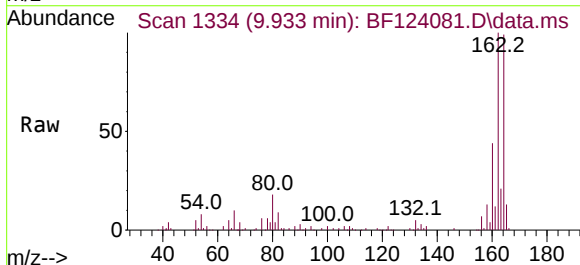
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BNA_F
ClientSampleID :
GHOST-4D

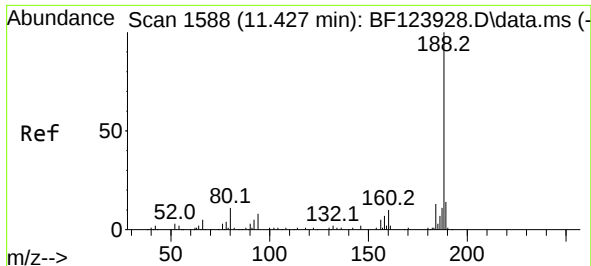
Tgt Ion:163 Resp: 70767
Ion Ratio Lower Upper
163 100
194 4.6 3.1 4.7
164 8.8 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF124081.D
Acq: 27 May 2021 00:30

Tgt Ion:165 Resp: 13439
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 2.8 67.7 101.5#
182 0.0 2.1 3.1#

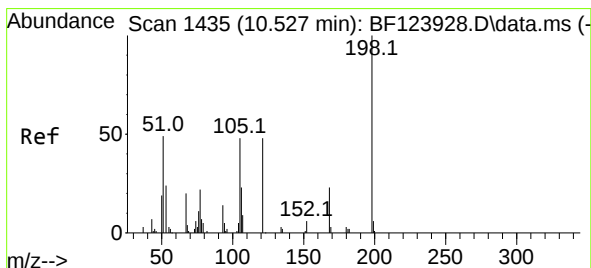
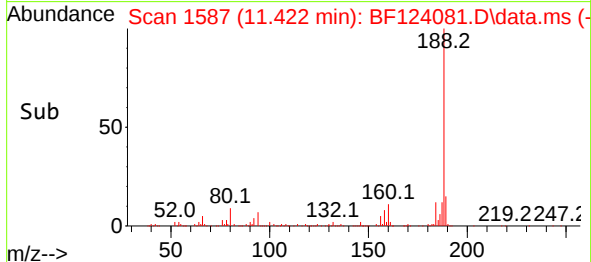
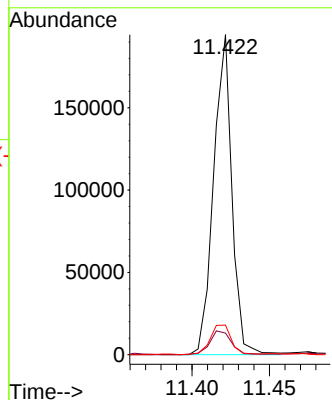
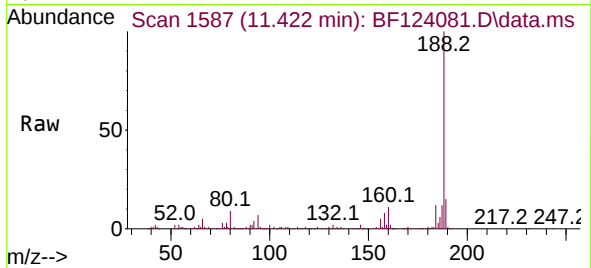




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.005 min
Lab File: BF124081.D
Acq: 27 May 2021 00:30

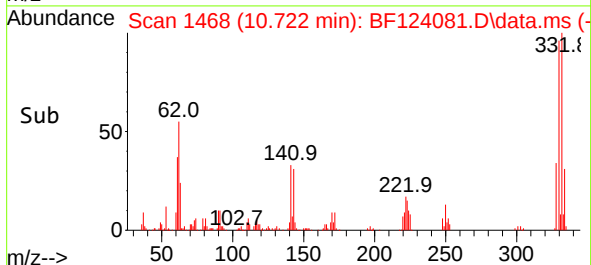
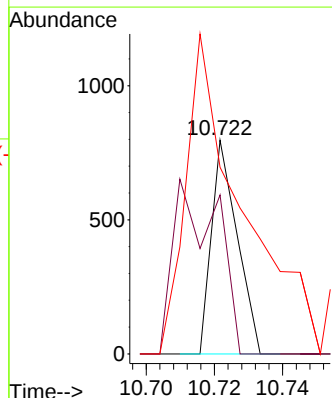
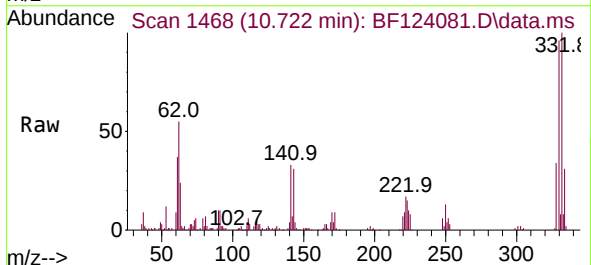
Instrument :
BNA_F
ClientSampleId :
GHOST-4D

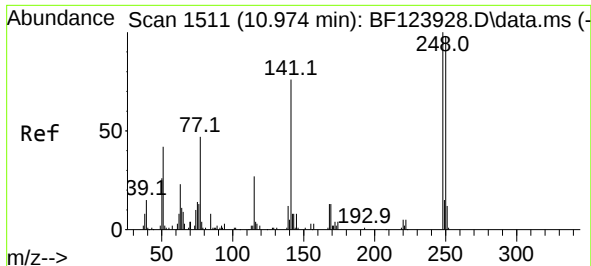
Tgt Ion:188 Resp: 159428
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 9.2 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.80 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.195 min
Lab File: BF124081.D
Acq: 27 May 2021 00:30

Tgt Ion:198 Resp: 417
Ion Ratio Lower Upper
198 100
51 74.4 64.8 104.8
105 87.3 42.6 82.6#

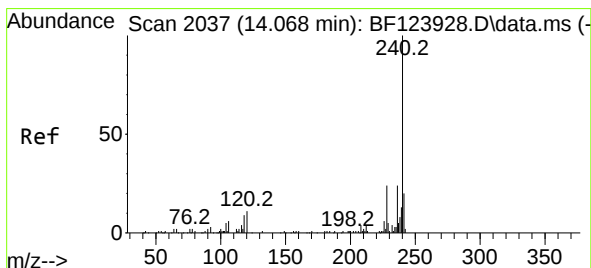
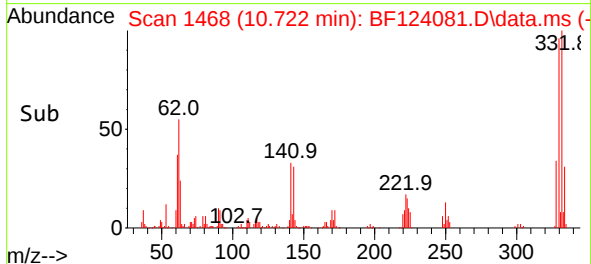
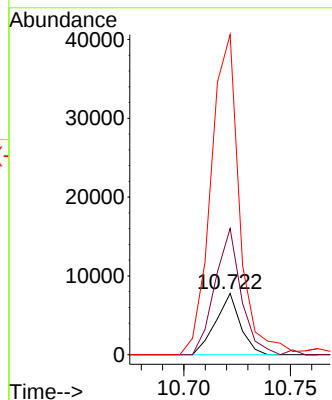
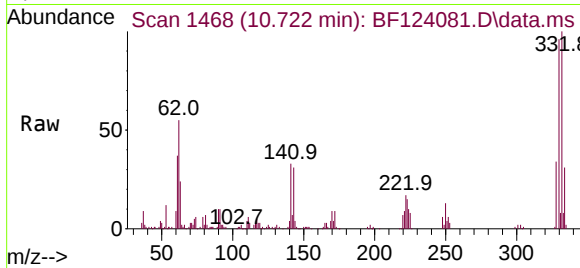




#67
4-Bromophenyl-phenylether
Concen: 3.00 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.253 min
Lab File: BF124081.D
Acq: 27 May 2021 00:30

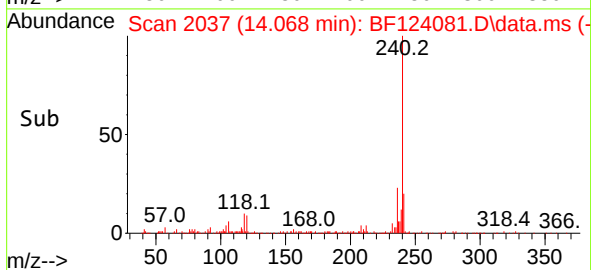
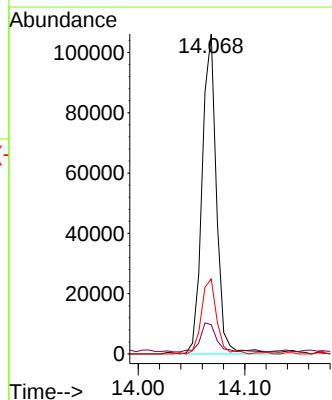
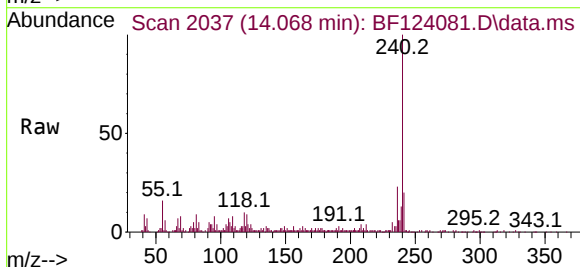
Instrument :
BNA_F
ClientSampleId :
GHOST-4D

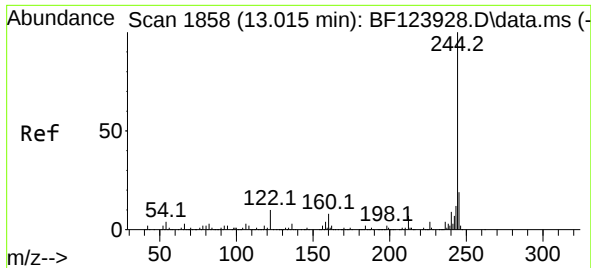
Tgt Ion:248 Resp: 6276
Ion Ratio Lower Upper
248 100
250 206.1 77.4 116.2#
141 522.7 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF124081.D
Acq: 27 May 2021 00:30

Tgt Ion:240 Resp: 100020
Ion Ratio Lower Upper
240 100
120 9.2 7.2 10.8
236 23.5 19.0 28.4

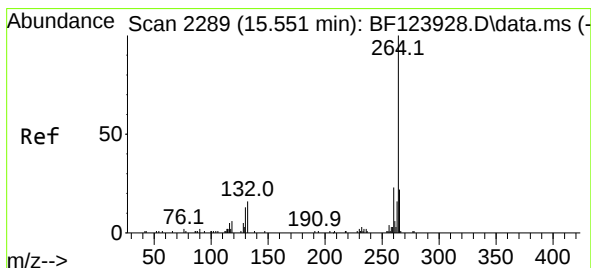
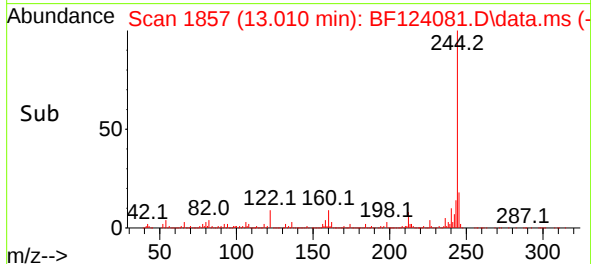
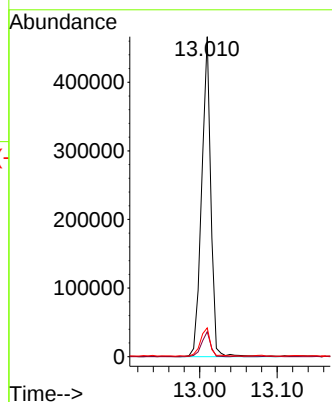
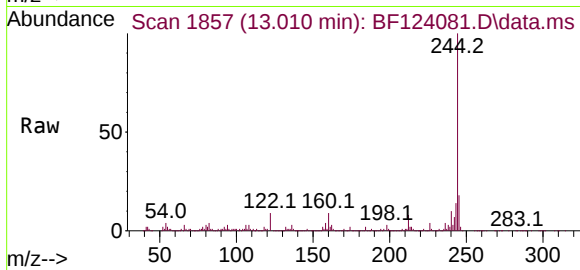




#79
Terphenyl-d14
Concen: 57.78 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF124081.D
Acq: 27 May 2021 00:30

Instrument :
BNA_F
ClientSampleId :
GHOST-4D

Tgt Ion:244 Resp: 381593
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 9.0 9.7 14.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF124081.D
Acq: 27 May 2021 00:30

Tgt Ion:264 Resp: 98740
Ion Ratio Lower Upper
264 100
260 21.6 18.7 28.1
265 18.4 17.8 26.8

