

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
 Data File : BF124046.D
 Acq On : 24 May 2021 19:50
 Operator : JU/CG
 Sample : M2479-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUBBASE-6-1-D

Quant Time: May 25 01:29:40 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)

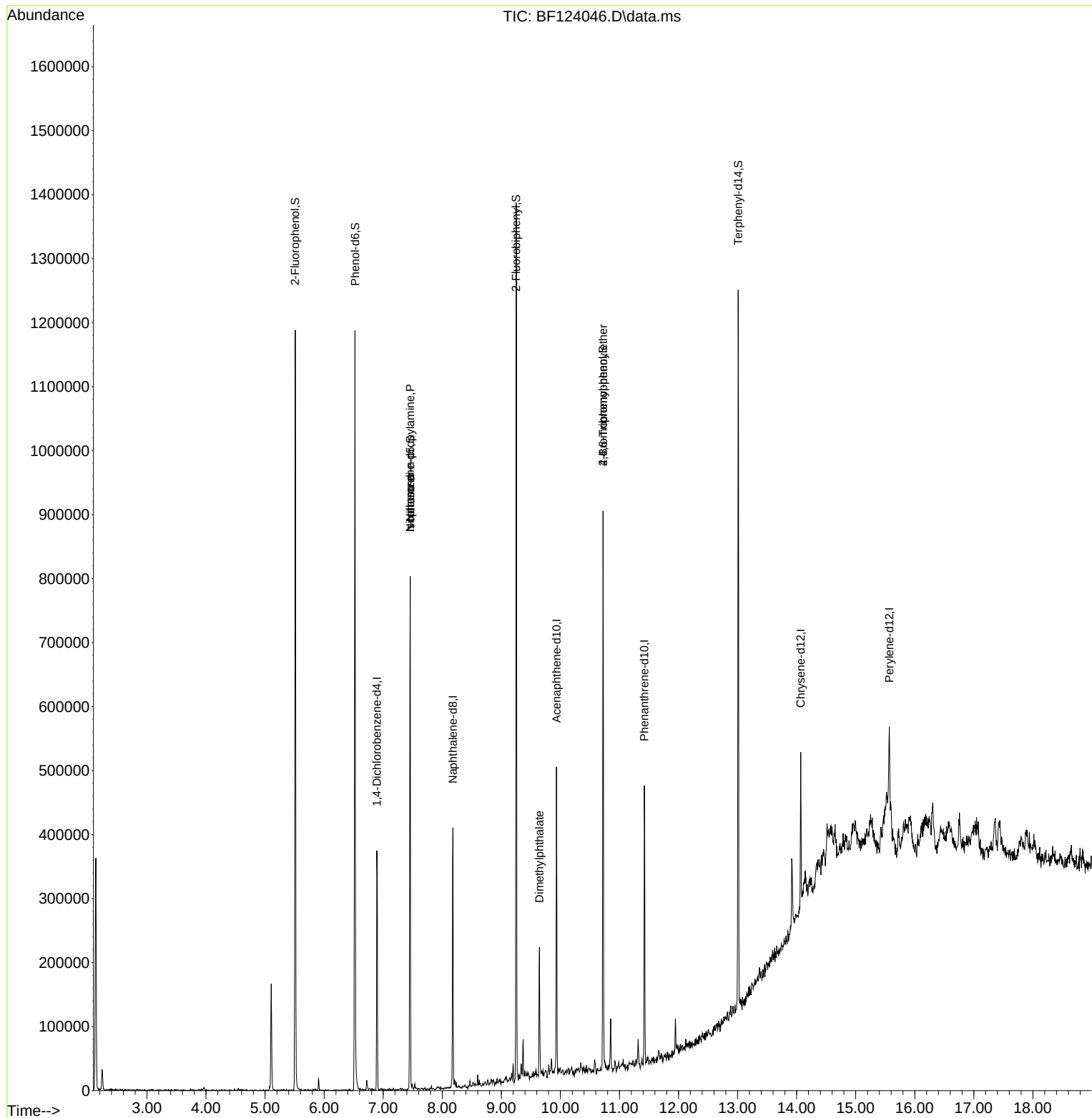
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	44622	20.00	ng	-0.01
21) Naphthalene-d8	8.181	136	149534	20.00	ng	0.00
39) Acenaphthene-d10	9.934	164	77790	20.00	ng	-0.01
64) Phenanthrene-d10	11.422	188	138880	20.00	ng	0.00
76) Chrysene-d12	14.069	240	70893	20.00	ng	0.00
86) Perylene-d12	15.568	264	60152	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	254616	80.12	ng	0.00
7) Phenol-d6	6.522	99	301912	73.23	ng	0.00
23) Nitrobenzene-d5	7.457	82	218982	63.10	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	82349	88.14	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	352899	55.83	ng	-0.01
79) Terphenyl-d14	13.010	244	325107	69.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	30240	10.85	ng	Qvalue # 75
25) Isophorone	7.457	82	218978	32.80	ng	# 69
50) Dimethylphthalate	9.645	163	54580	8.79	ng	# 98
67) 4-Bromophenyl-phenylether	10.722	248	5293	2.90	ng	# 1

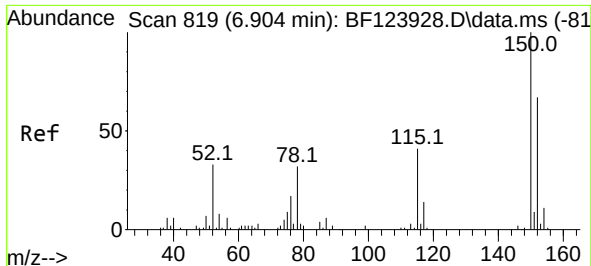
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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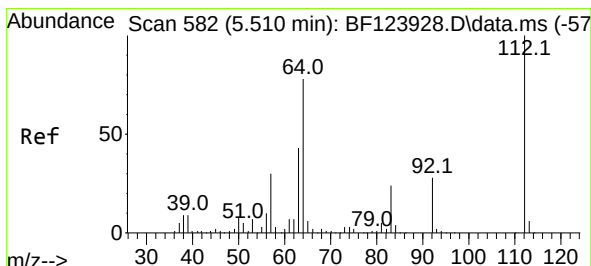
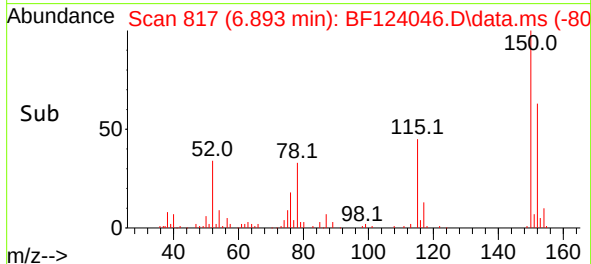
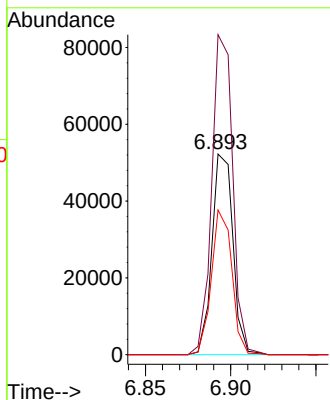
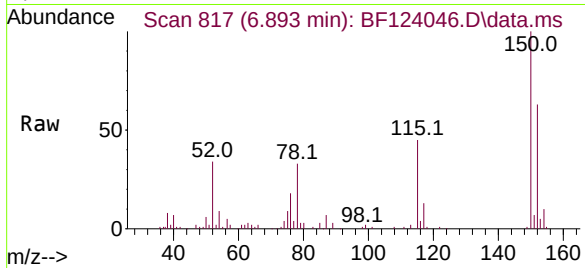




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.011 min
Lab File: BF124046.D
Acq: 24 May 2021 19:50

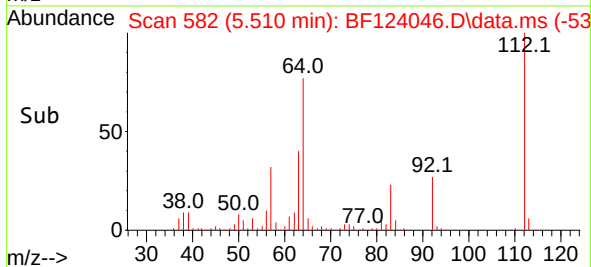
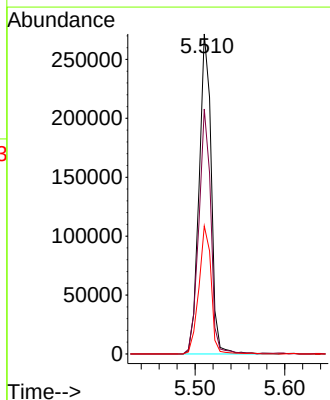
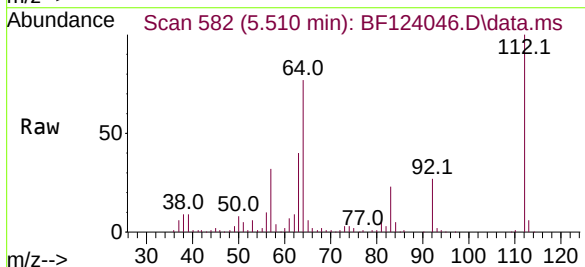
Instrument :
BNA_F
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SUBBASE-6-1-D

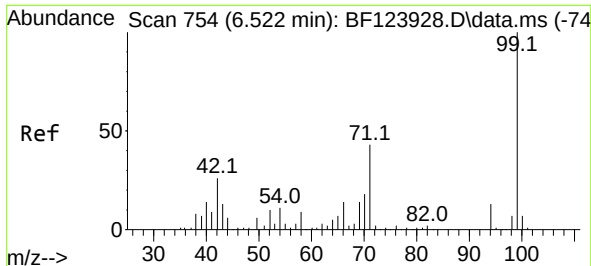
Tgt Ion:152 Resp: 44622
Ion Ratio Lower Upper
152 100
150 159.5 127.0 190.6
115 72.1 54.3 81.5



#5
2-Fluorophenol
Concen: 80.12 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF124046.D
Acq: 24 May 2021 19:50

Tgt Ion:112 Resp: 254616
Ion Ratio Lower Upper
112 100
64 76.5 61.4 92.0
63 40.0 33.0 49.4

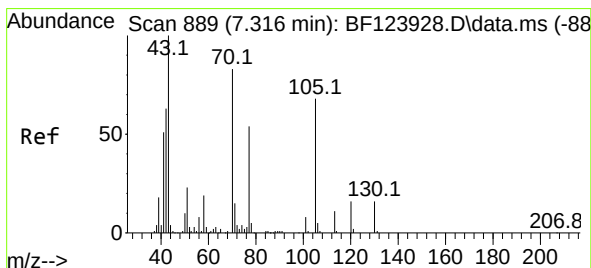
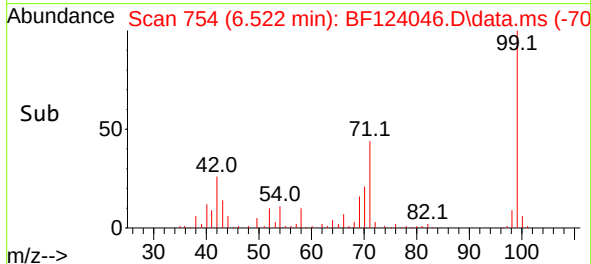
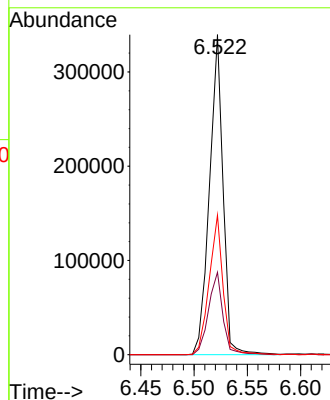
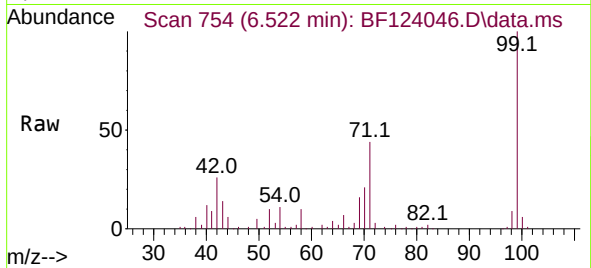




#7
Phenol-d6
Concen: 73.23 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF124046.D
Acq: 24 May 2021 19:50

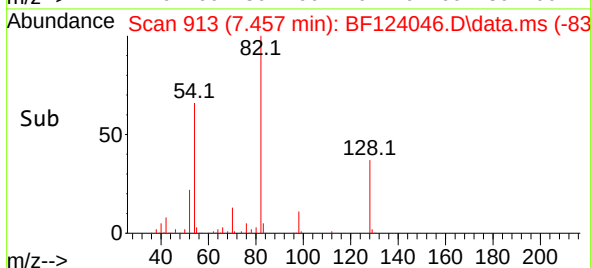
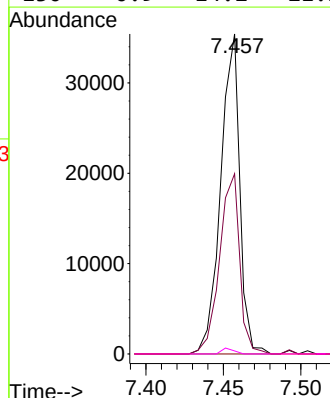
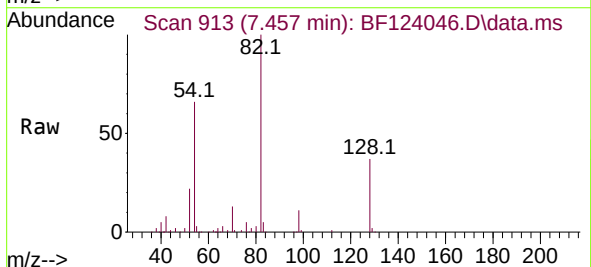
Instrument :
BNA_F
ClientSampleId :
SUBBASE-6-1-D

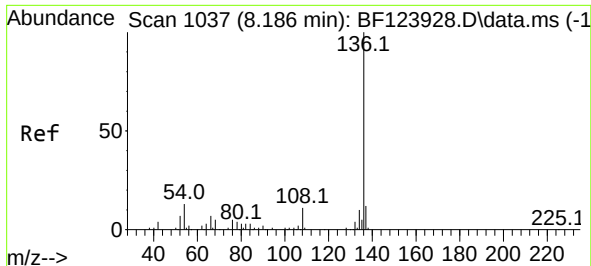
Tgt Ion: 99 Resp: 301912
Ion Ratio Lower Upper
99 100
42 25.7 19.8 29.8
71 43.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.85 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF124046.D
Acq: 24 May 2021 19:50

Tgt Ion: 70 Resp: 30240
Ion Ratio Lower Upper
70 100
42 56.3 60.1 90.1#
101 0.0 7.4 11.2#
130 0.9 14.2 21.2#

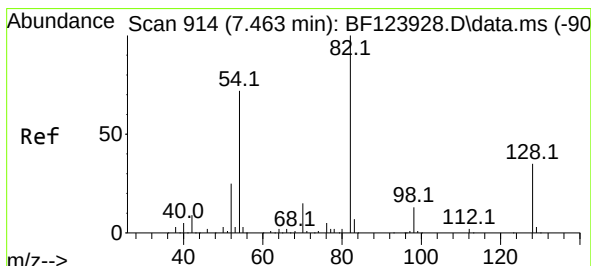
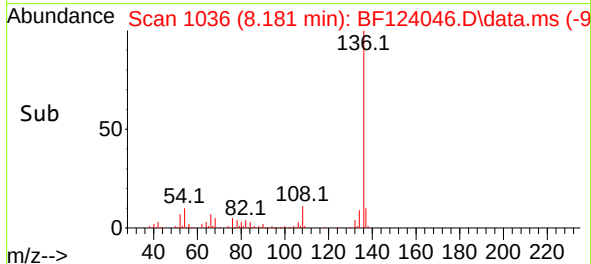
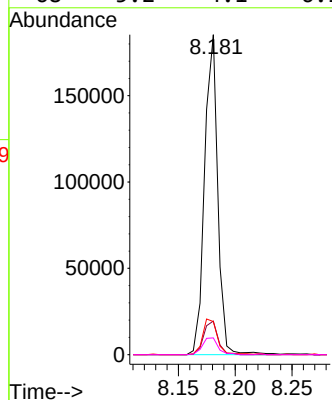
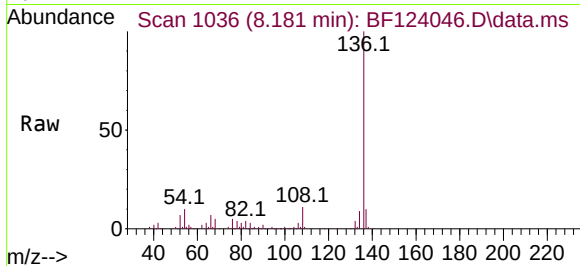




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BF124046.D
Acq: 24 May 2021 19:50

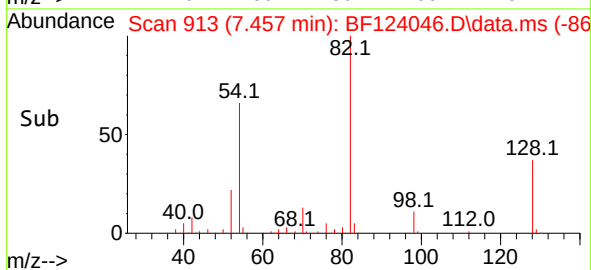
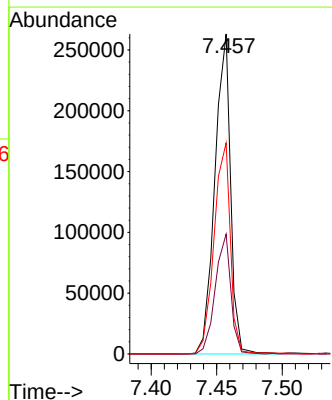
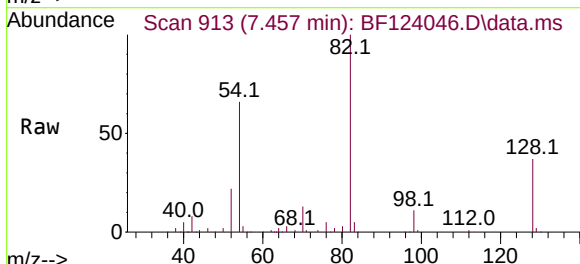
Instrument :
BNA_F
ClientSampleId :
SUBBASE-6-1-D

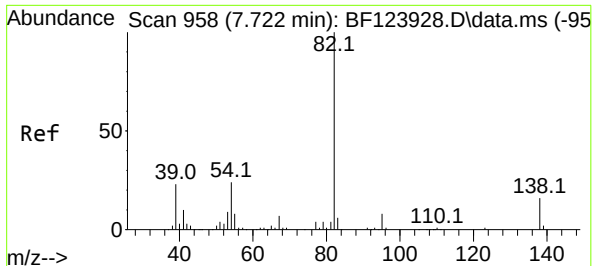
Tgt Ion:136	Resp: 149534
Ion Ratio	Lower Upper
136 100	
137 10.5	8.7 13.1
54 10.4	9.8 14.6
68 5.2	4.1 6.1



#23
Nitrobenzene-d5
Concen: 63.10 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF124046.D
Acq: 24 May 2021 19:50

Tgt Ion: 82	Resp: 218982
Ion Ratio	Lower Upper
82 100	
128 37.4	29.4 44.2
54 66.0	54.1 81.1

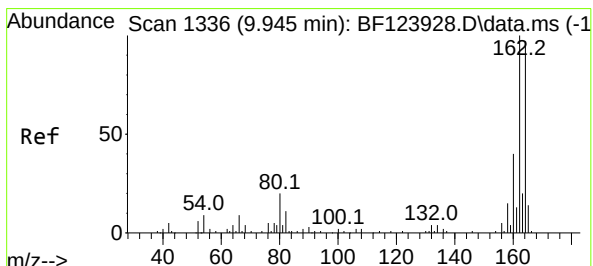
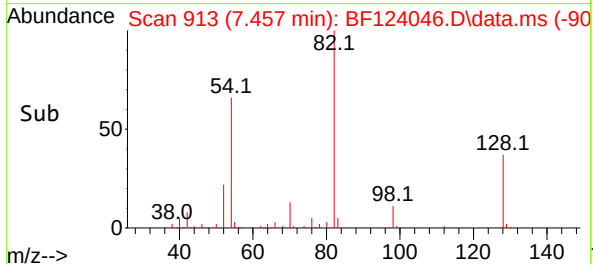
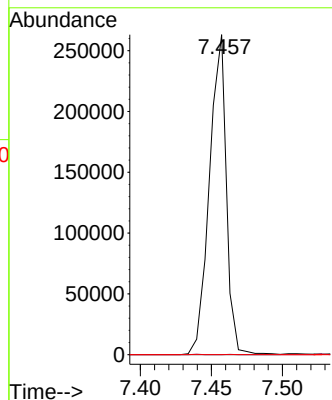
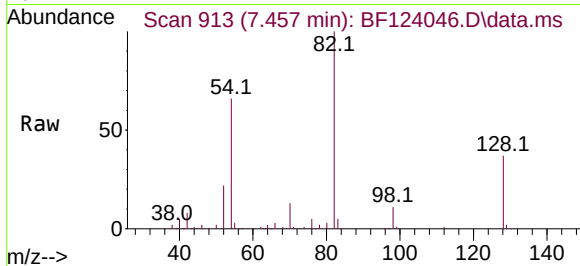




#25
Isophorone
Concen: 32.80 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF124046.D
Acq: 24 May 2021 19:50

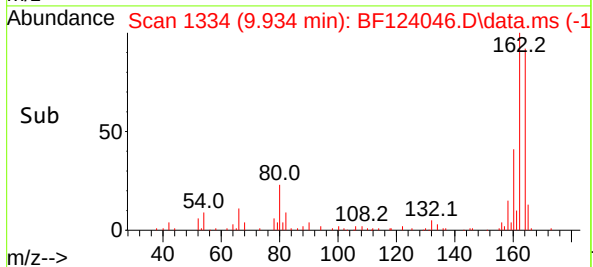
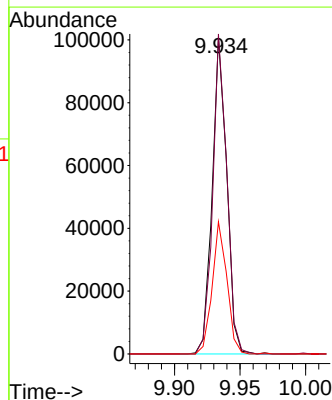
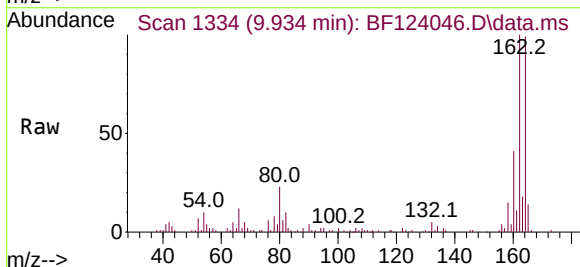
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ClientSampleId :
SUBBASE-6-1-D

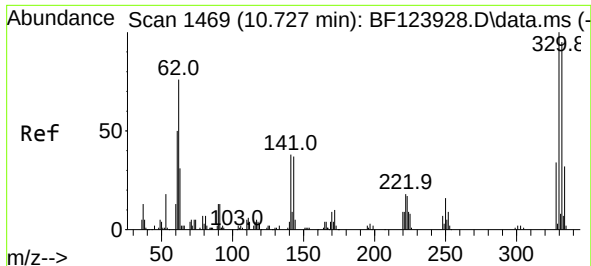
Tgt Ion: 82 Resp: 218978
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.011 min
Lab File: BF124046.D
Acq: 24 May 2021 19:50

Tgt Ion: 164 Resp: 77790
Ion Ratio Lower Upper
164 100
162 101.1 80.7 121.1
160 41.8 37.3 55.9

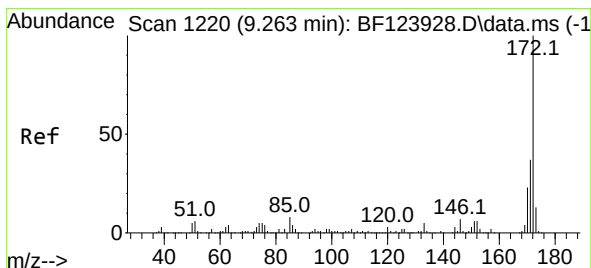
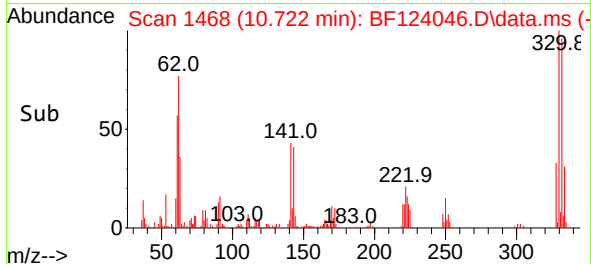
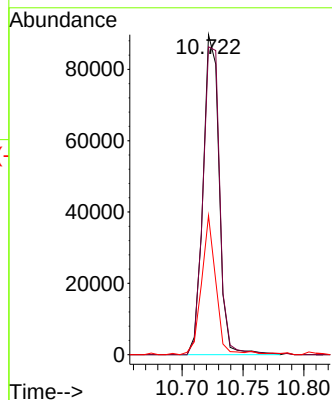
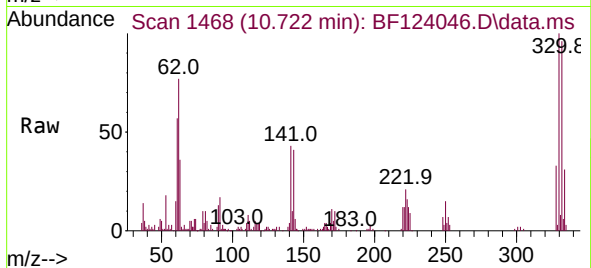




#42
2,4,6-Tribromophenol
Concen: 88.14 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124046.D
Acq: 24 May 2021 19:50

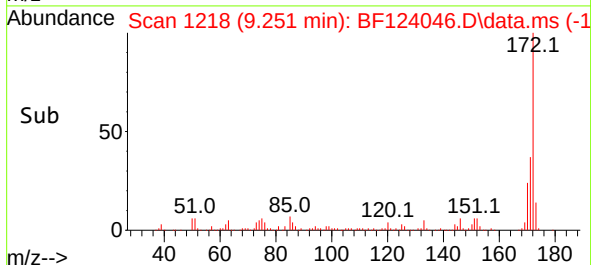
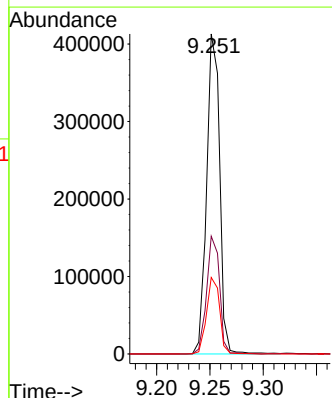
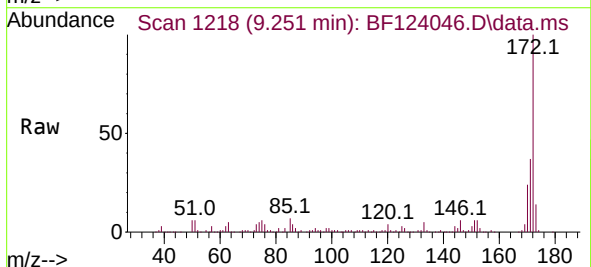
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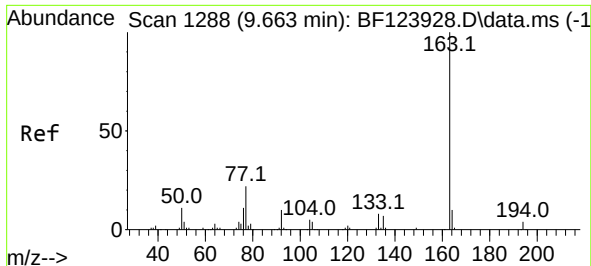
Tgt Ion: 330 Resp: 82349
Ion Ratio Lower Upper
330 100
332 100.7 77.1 115.7
141 38.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 55.83 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124046.D
Acq: 24 May 2021 19:50

Tgt Ion: 172 Resp: 352899
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 23.9 19.2 28.8

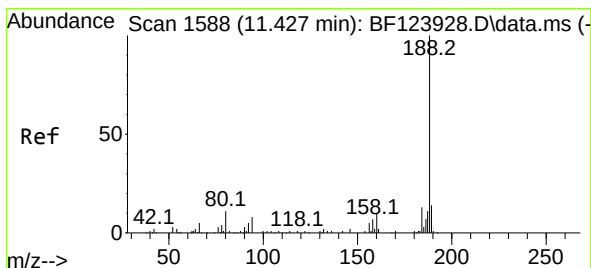
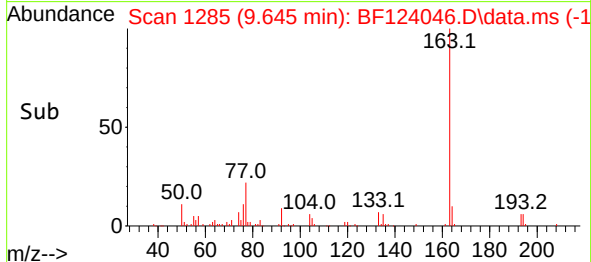
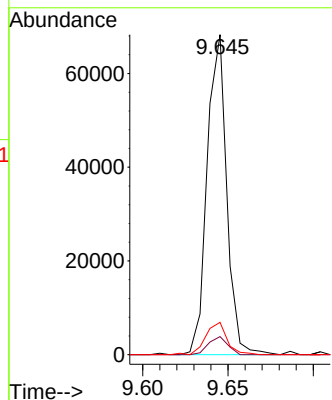
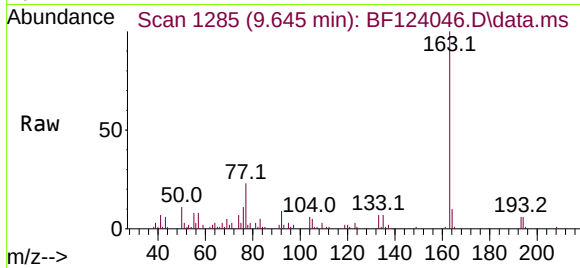




#50
Dimethylphthalate
Concen: 8.79 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.017 min
Lab File: BF124046.D
Acq: 24 May 2021 19:50

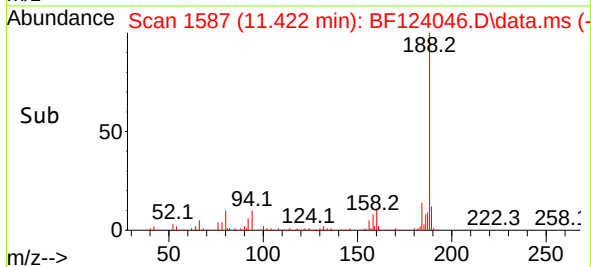
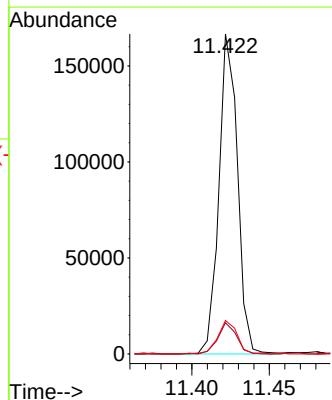
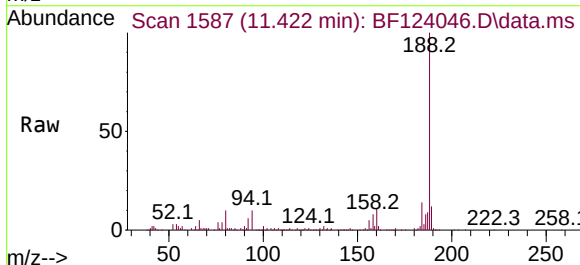
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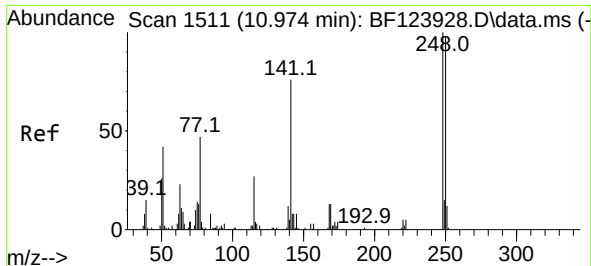
Tgt Ion:163 Resp: 54580
Ion Ratio Lower Upper
163 100
194 5.7 3.1 4.7#
164 10.1 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.005 min
Lab File: BF124046.D
Acq: 24 May 2021 19:50

Tgt Ion:188 Resp: 138880
Ion Ratio Lower Upper
188 100
94 9.8 6.9 10.3
80 10.4 8.2 12.2

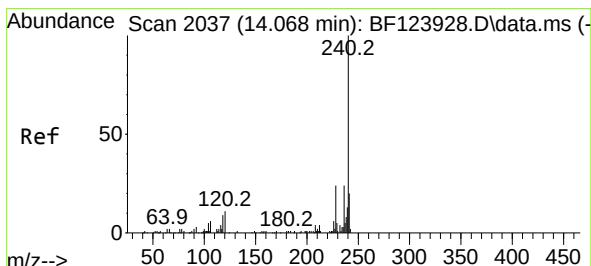
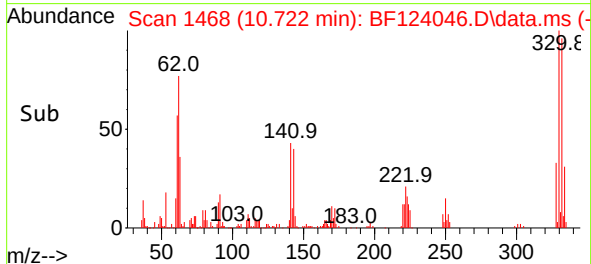
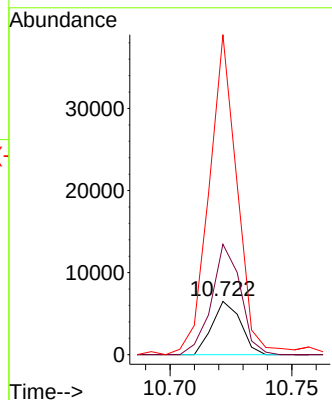
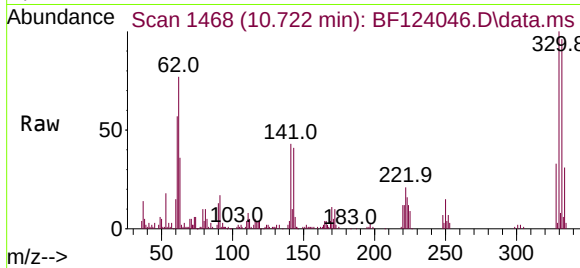




#67
4-Bromophenyl-phenylether
Concen: 2.90 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.253 min
Lab File: BF124046.D
Acq: 24 May 2021 19:50

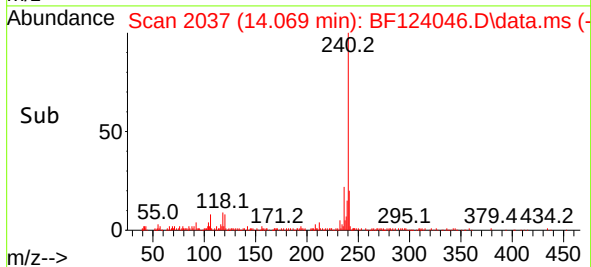
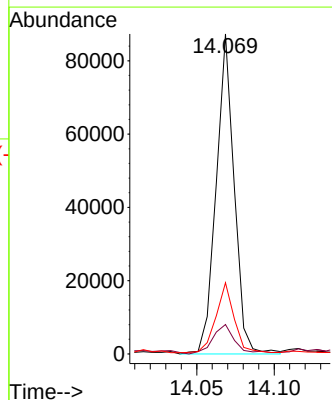
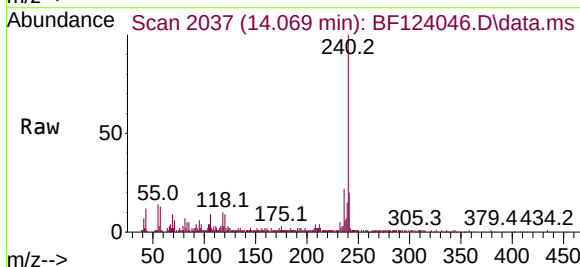
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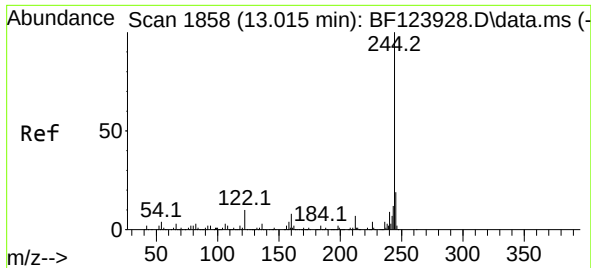
Tgt Ion:248 Resp: 5293
Ion Ratio Lower Upper
248 100
250 207.3 77.4 116.2#
141 600.6 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF124046.D
Acq: 24 May 2021 19:50

Tgt Ion:240 Resp: 70893
Ion Ratio Lower Upper
240 100
120 9.2 7.2 10.8
236 22.2 19.0 28.4

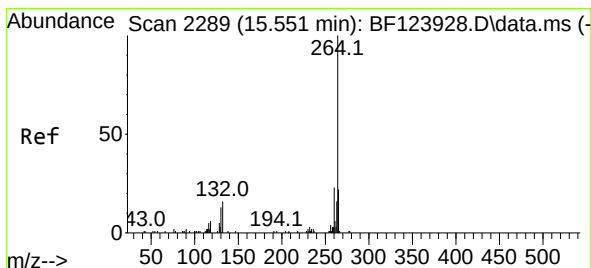
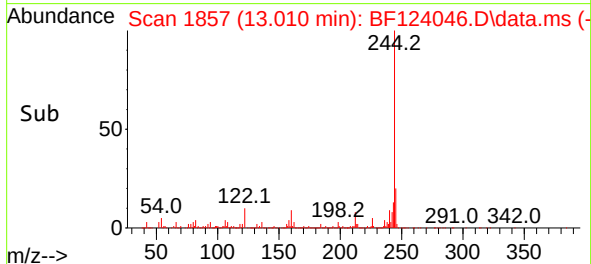
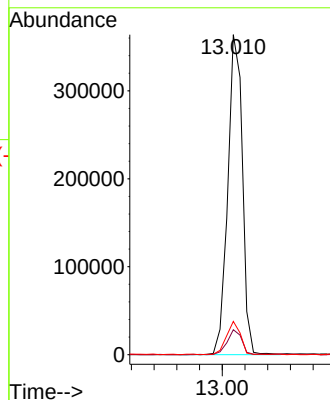
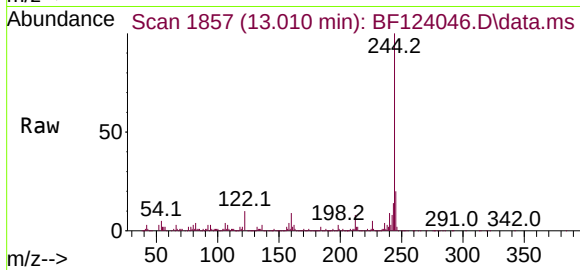




#79
Terphenyl-d14
Concen: 69.46 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF124046.D
Acq: 24 May 2021 19:50

Instrument :
BNA_F
ClientSampleId :
SUBBASE-6-1-D

Tgt Ion:244 Resp: 325107
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 10.4 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.018 min
Lab File: BF124046.D
Acq: 24 May 2021 19:50

Tgt Ion:264 Resp: 60152
Ion Ratio Lower Upper
264 100
260 22.4 18.7 28.1
265 22.5 17.8 26.8

