

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124388.D
 Acq On : 21 Jun 2021 12:01
 Operator : JU/CG
 Sample : PB137220BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137220BL

Quant Time: Jun 21 13:38:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

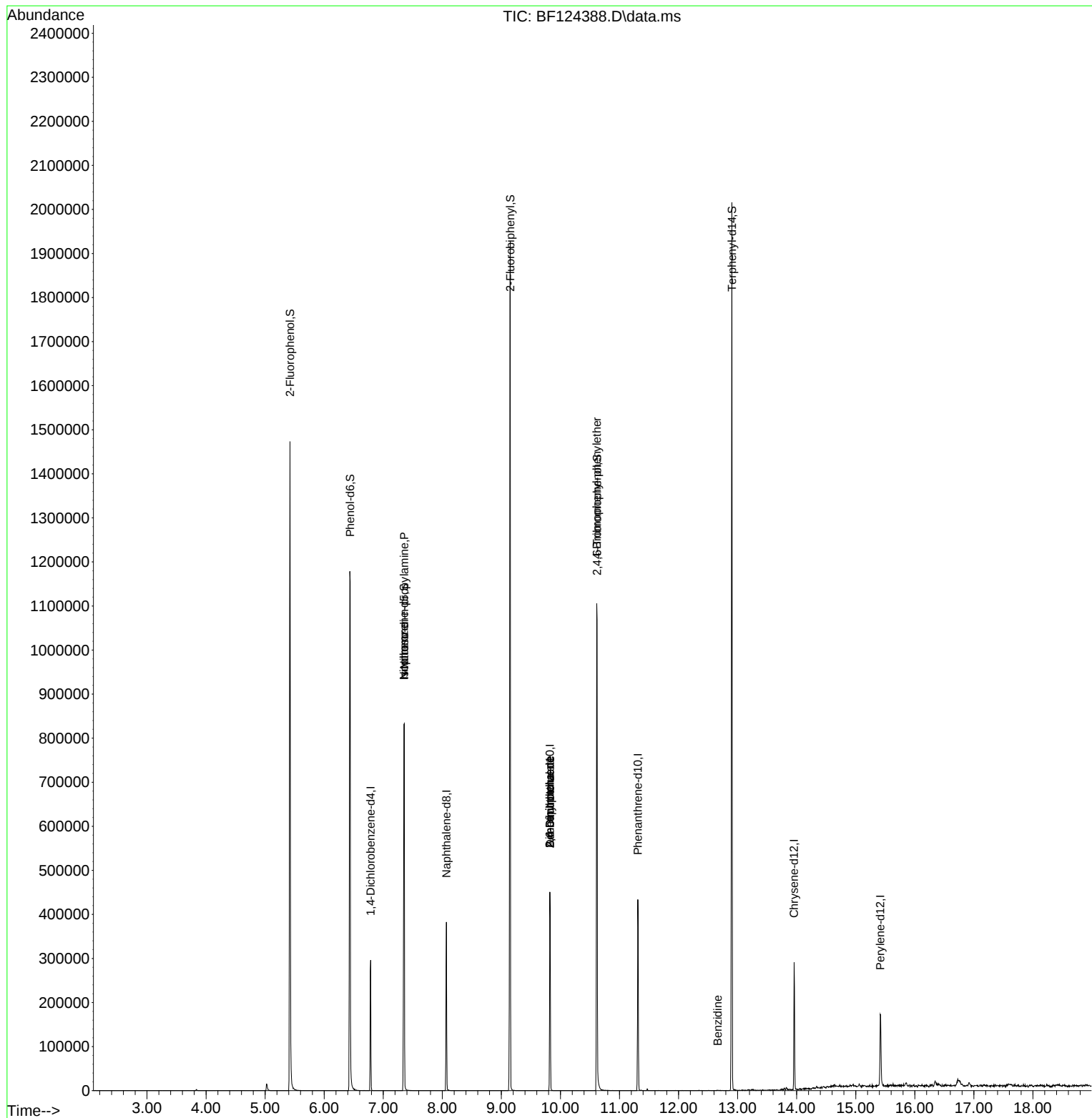
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	37862	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	147894	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	84839	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	155899	20.000	ng	0.00
76) Chrysene-d12	13.957	240	93087	20.000	ng	0.00
86) Perylene-d12	15.415	264	74122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	323817	128.745	ng	0.00
7) Phenol-d6	6.439	99	397479	117.570	ng	0.00
23) Nitrobenzene-d5	7.351	82	293255	78.643	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	131772	109.631	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	567711	84.205	ng	0.00
79) Terphenyl-d14	12.904	244	590466	87.089	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	41575	17.420	ng	# 63
25) Isophorone	7.351	82	293251	43.641	ng	# 69
50) Dimethylphthalate	9.822	163	14818	2.111	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	12058	7.492	ng	# 13
57) 2,4-Dinitrotoluene	9.822	165	12058	5.681	ng	# 18
67) 4-Bromophenyl-phenylether	10.616	248	8199	3.832	ng	# 1
77) Benzidine	12.663	184	1467	4.680	ng	# 68

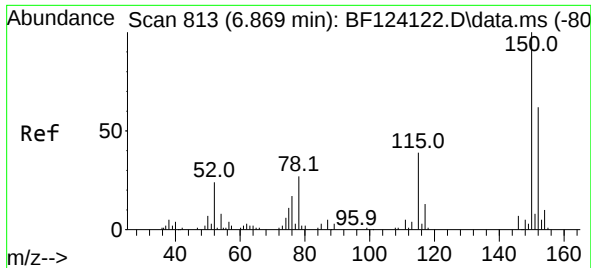
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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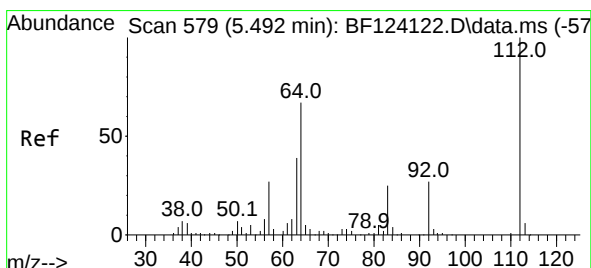
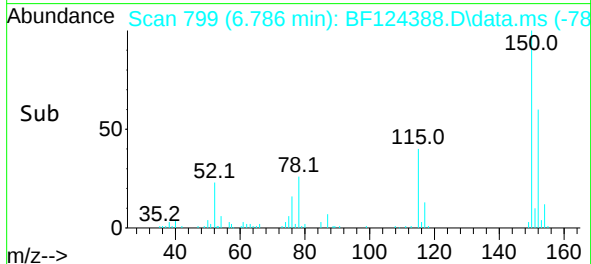
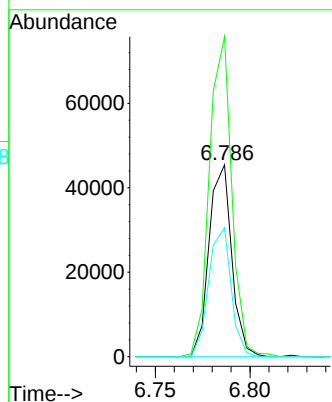
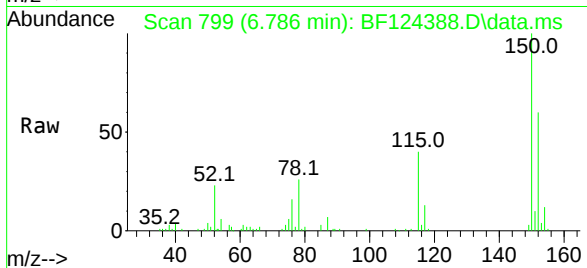




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF124388.D
Acq: 21 Jun 2021 12:01

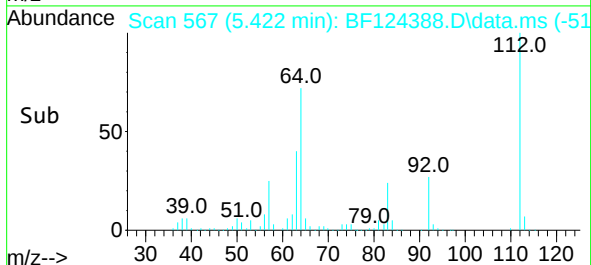
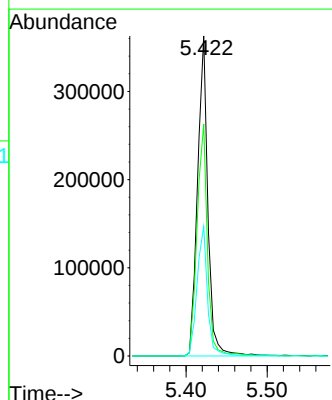
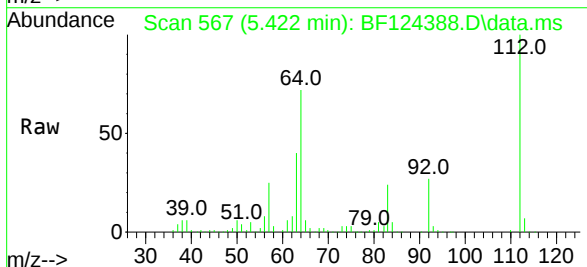
Instrument :
BNA_F
ClientSampleId :
PB137220BL

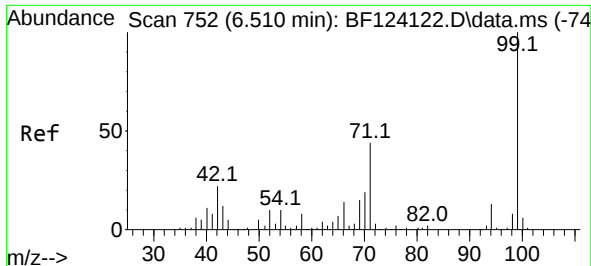
Tgt Ion:152 Resp: 37862
Ion Ratio Lower Upper
152 100
150 166.8 127.0 190.6
115 67.2 54.3 81.5



#5
2-Fluorophenol
Concen: 128.745 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF124388.D
Acq: 21 Jun 2021 12:01

Tgt Ion:112 Resp: 323817
Ion Ratio Lower Upper
112 100
64 72.4 61.4 92.0
63 40.5 33.0 49.4

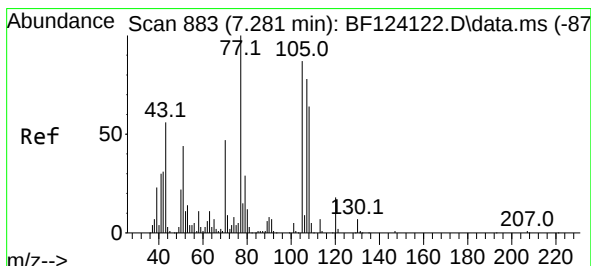
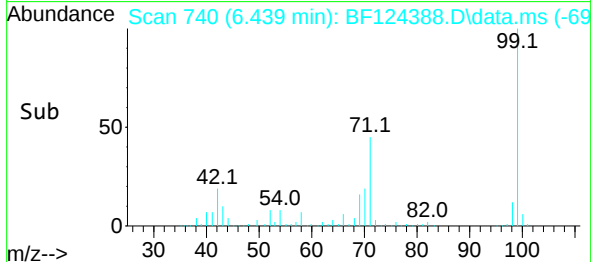
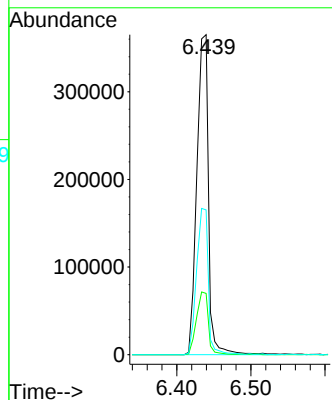
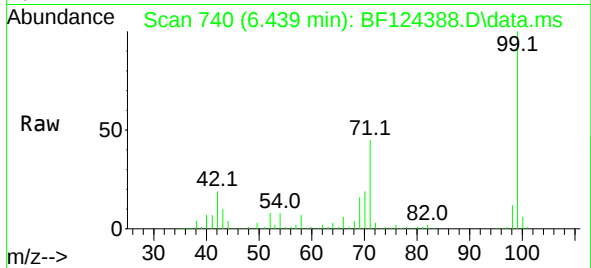




#7
Phenol-d6
Concen: 117.570 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF124388.D
Acq: 21 Jun 2021 12:01

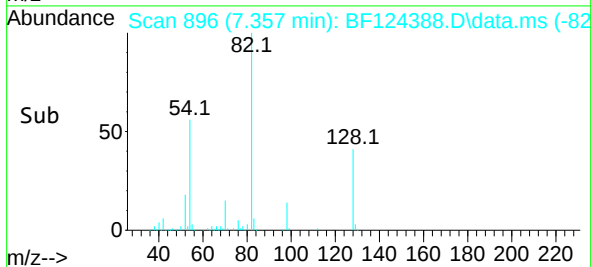
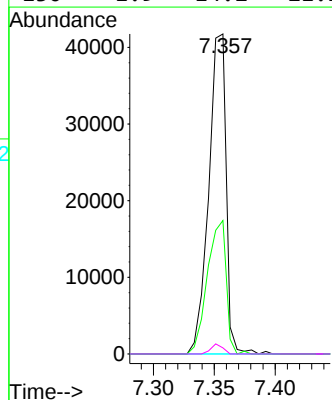
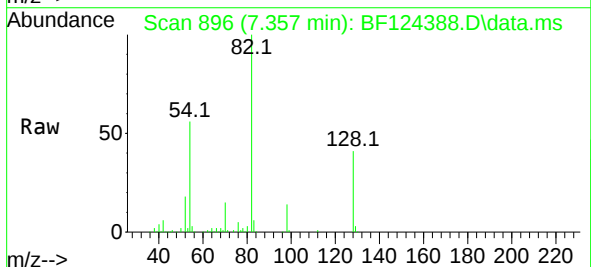
Instrument :
BNA_F
ClientSampleId :
PB137220BL

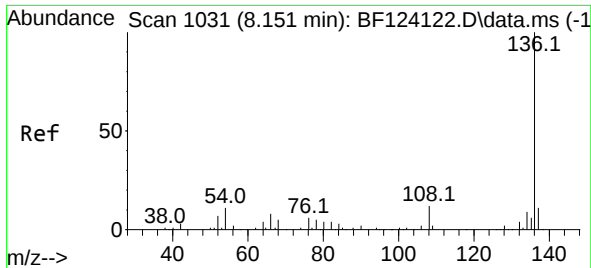
Tgt Ion: 99 Resp: 397479
Ion Ratio Lower Upper
99 100
42 19.2 19.8 29.8#
71 45.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.420 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF124388.D
Acq: 21 Jun 2021 12:01

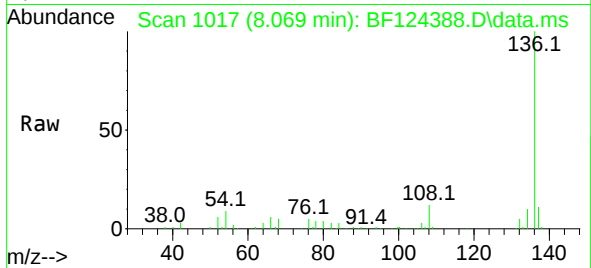
Tgt Ion: 70 Resp: 41575
Ion Ratio Lower Upper
70 100
42 41.7 60.1 90.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.2#



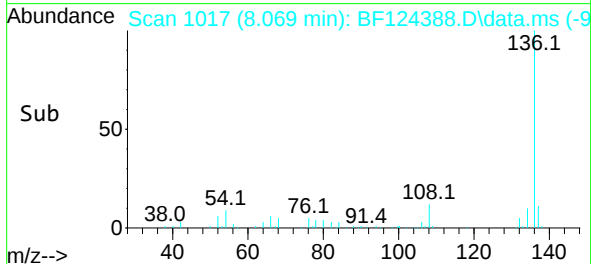
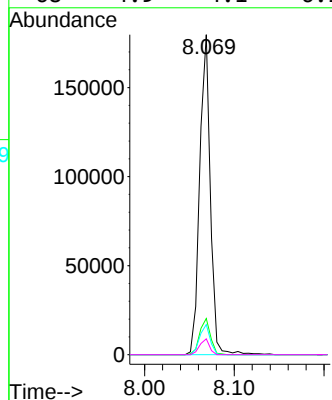


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124388.D
Acq: 21 Jun 2021 12:01

Instrument :
BNA_F
ClientSampleId :
PB137220BL

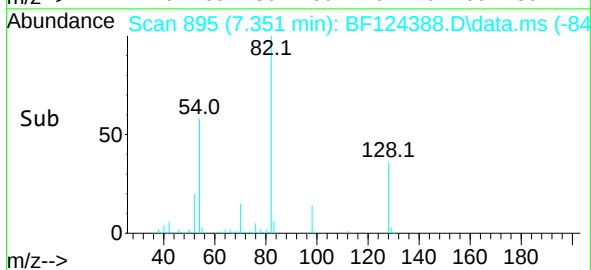
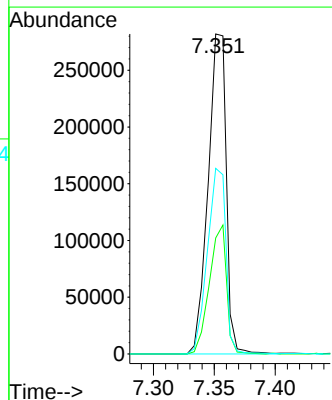
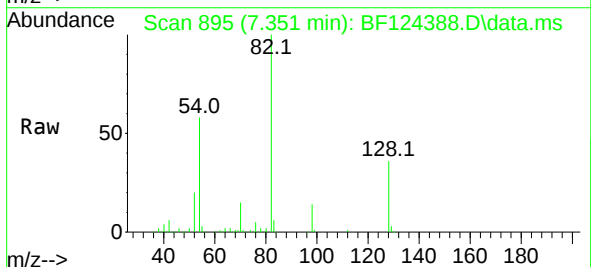


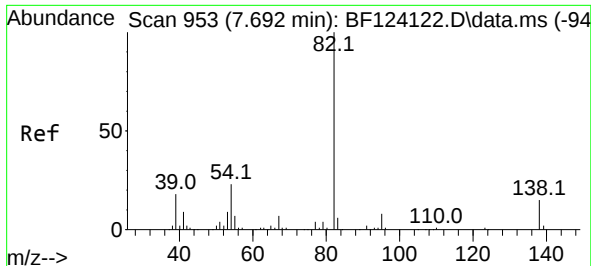
Tgt Ion:136 Resp: 147894
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 9.4 9.8 14.6#
68 4.9 4.1 6.1



#23
Nitrobenzene-d5
Concen: 78.643 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124388.D
Acq: 21 Jun 2021 12:01

Tgt Ion: 82 Resp: 293255
Ion Ratio Lower Upper
82 100
128 36.3 29.4 44.2
54 58.0 54.1 81.1

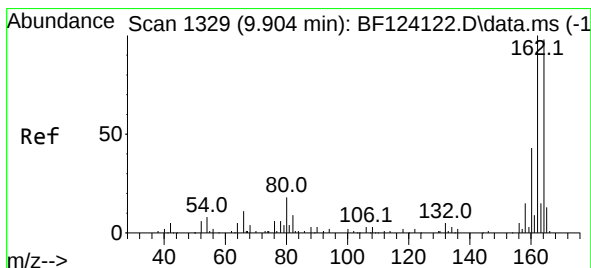
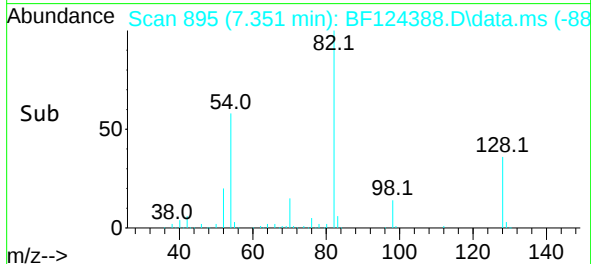
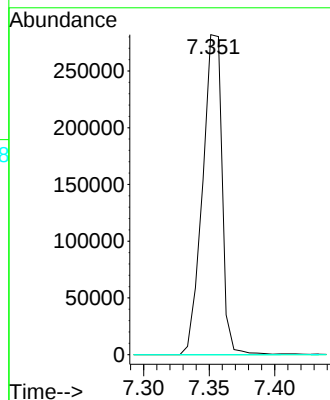
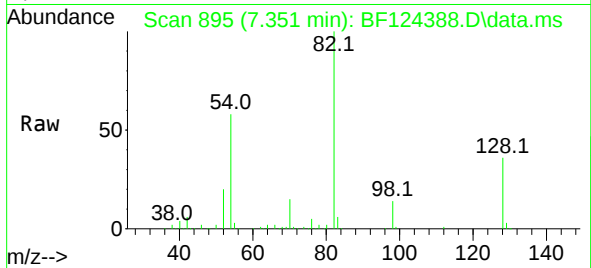




#25
Isophorone
Concen: 43.641 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124388.D
Acq: 21 Jun 2021 12:01

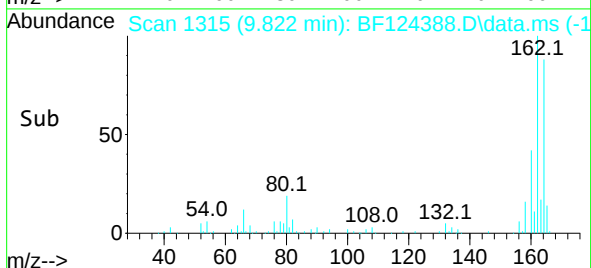
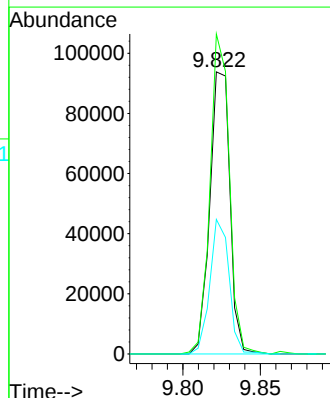
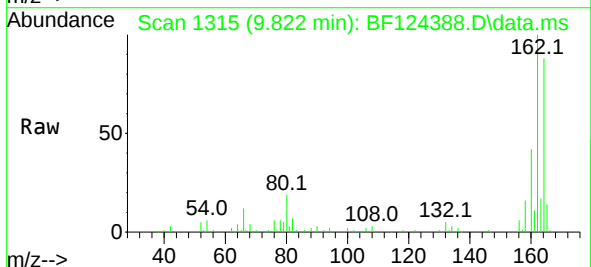
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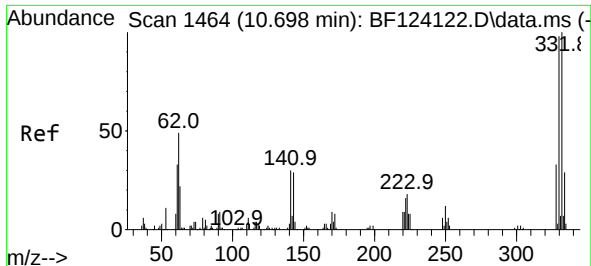
Tgt Ion: 82 Resp: 293251
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124388.D
Acq: 21 Jun 2021 12:01

Tgt Ion: 164 Resp: 84839
Ion Ratio Lower Upper
164 100
162 113.5 80.7 121.1
160 47.7 37.3 55.9

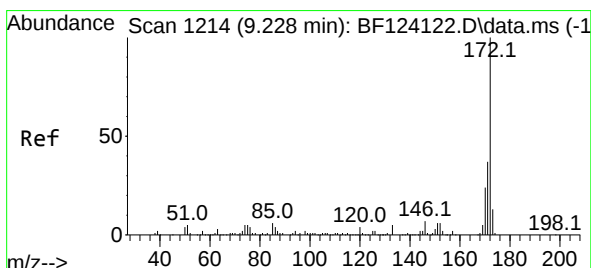
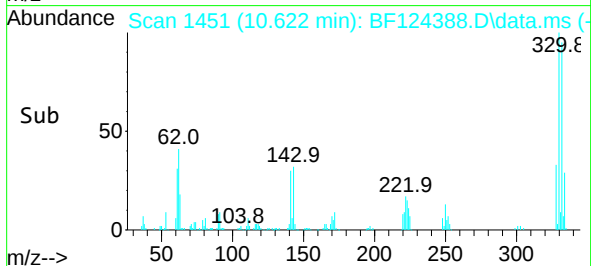
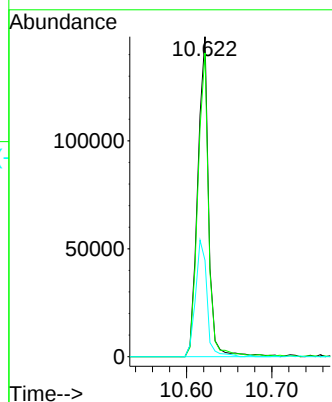
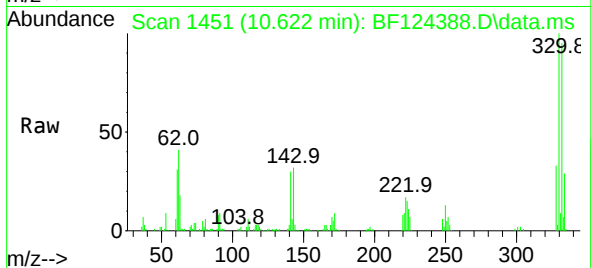




#42
2,4,6-Tribromophenol
Concen: 109.631 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF124388.D
Acq: 21 Jun 2021 12:01

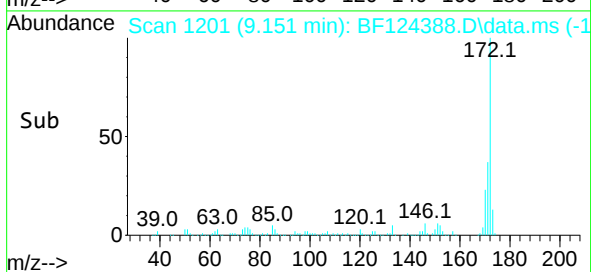
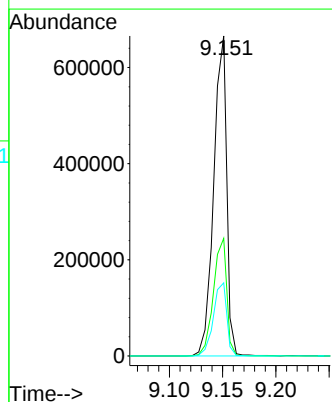
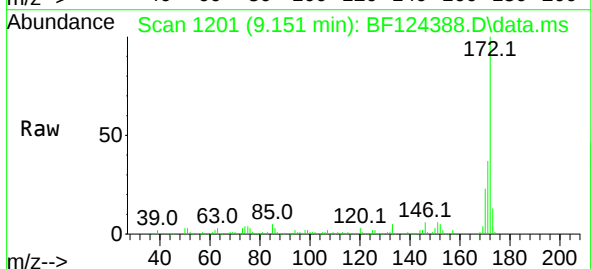
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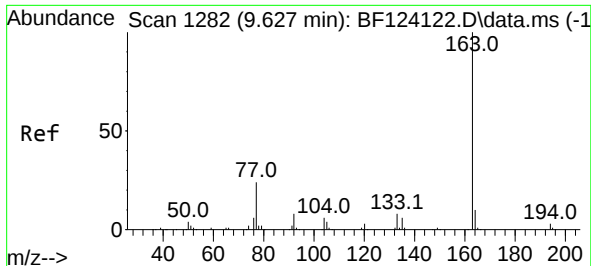
Tgt Ion:330 Resp: 131772
Ion Ratio Lower Upper
330 100
332 95.2 77.1 115.7
141 38.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 84.205 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF124388.D
Acq: 21 Jun 2021 12:01

Tgt Ion:172 Resp: 567711
Ion Ratio Lower Upper
172 100
171 36.7 28.1 42.1
170 22.9 19.2 28.8

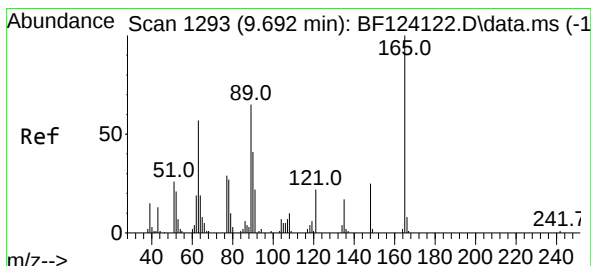
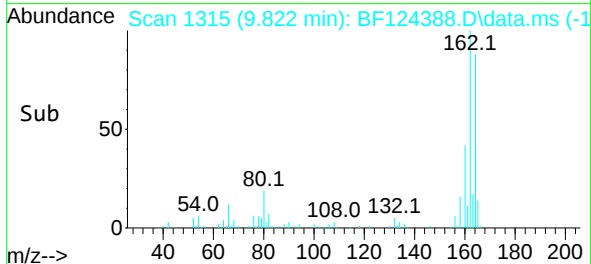
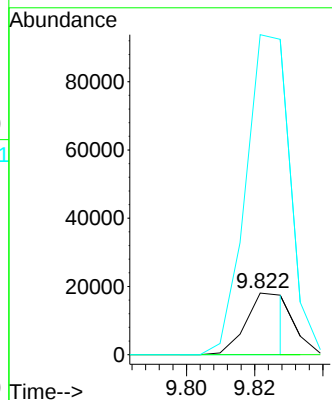
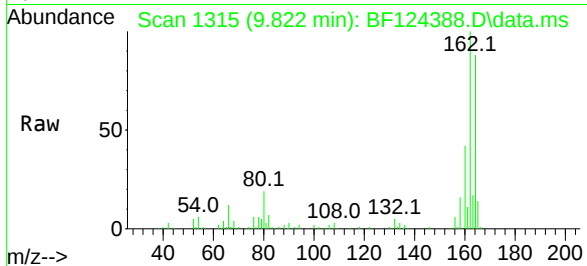




#50
Dimethylphthalate
Concen: 2.111 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124388.D
Acq: 21 Jun 2021 12:01

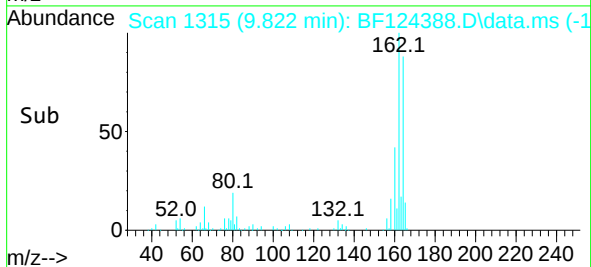
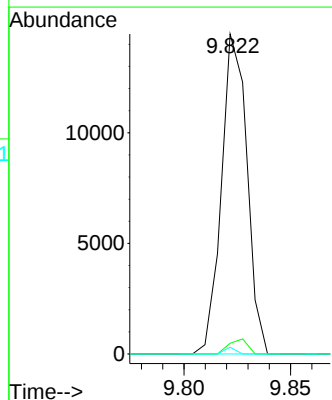
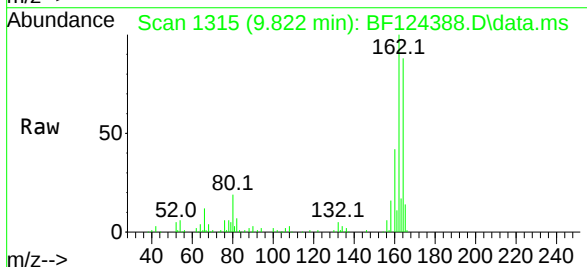
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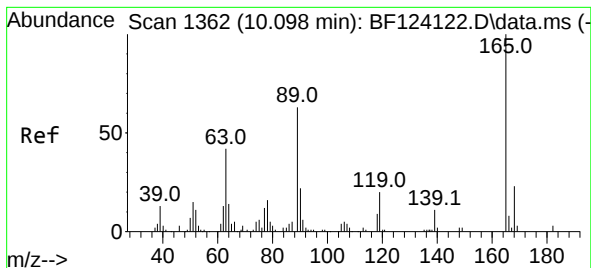
Tgt Ion:163 Resp: 14818
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 519.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.492 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124388.D
Acq: 21 Jun 2021 12:01

Tgt Ion:165 Resp: 12058
Ion Ratio Lower Upper
165 100
63 3.4 67.7 101.5#
89 2.1 58.8 88.2#

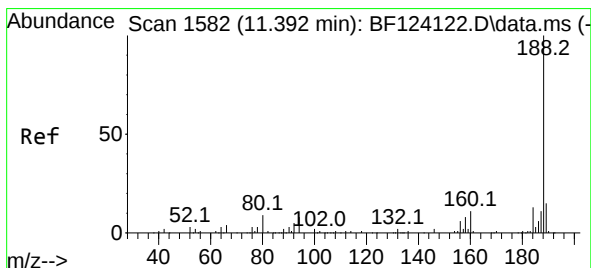
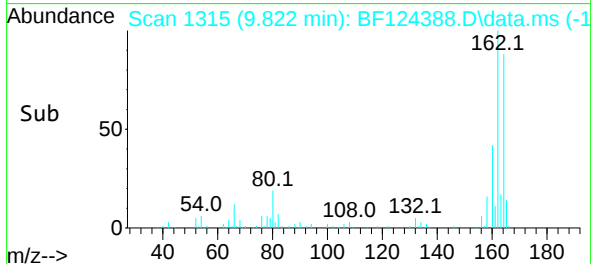
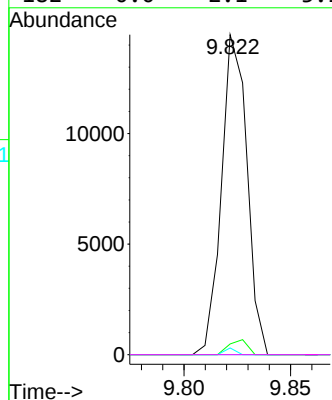
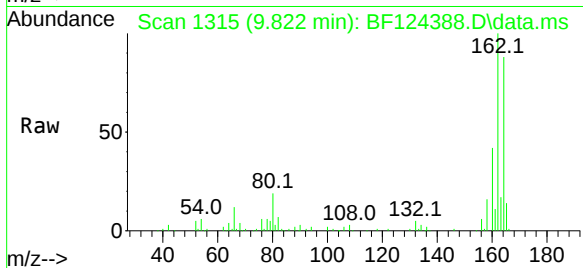




#57
2,4-Dinitrotoluene
Concen: 5.681 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124388.D
Acq: 21 Jun 2021 12:01

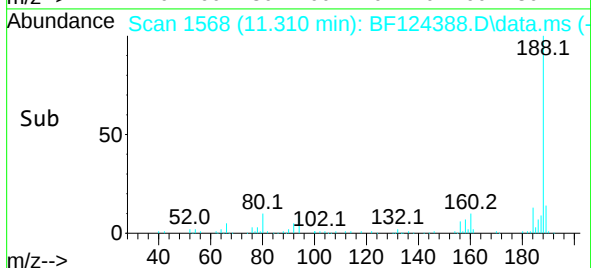
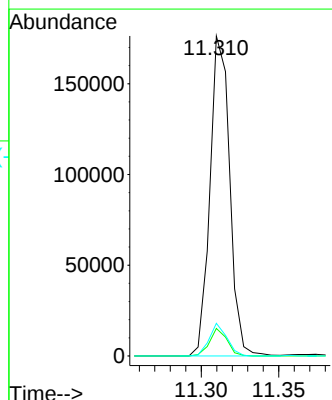
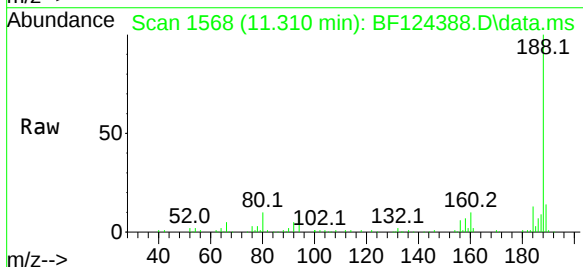
Instrument :
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PB137220BL

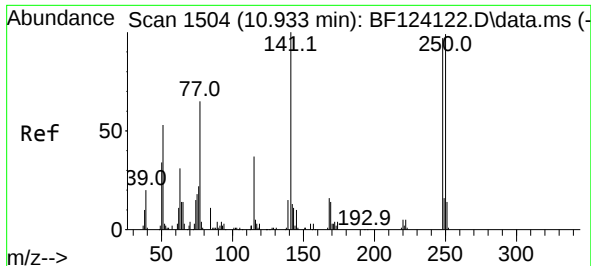
Tgt Ion:165	Resp:	12058
Ion Ratio	Lower	Upper
165	100	
63	3.4	43.5 65.3#
89	2.1	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124388.D
Acq: 21 Jun 2021 12:01

Tgt Ion:188	Resp:	155899
Ion Ratio	Lower	Upper
188	100	
94	8.6	6.9 10.3
80	10.2	8.2 12.2

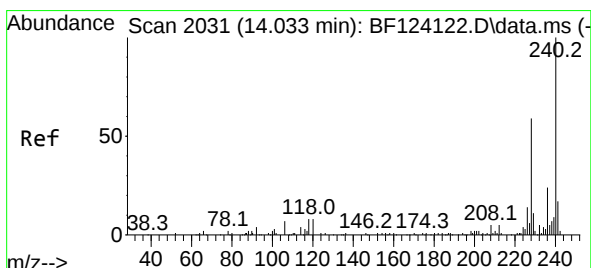
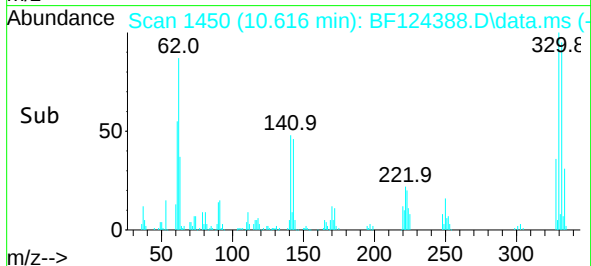
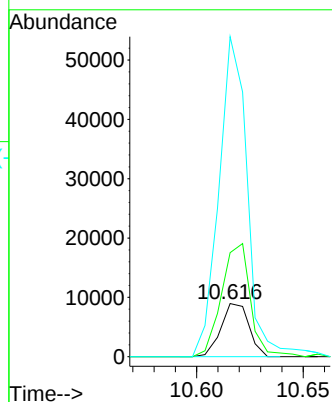
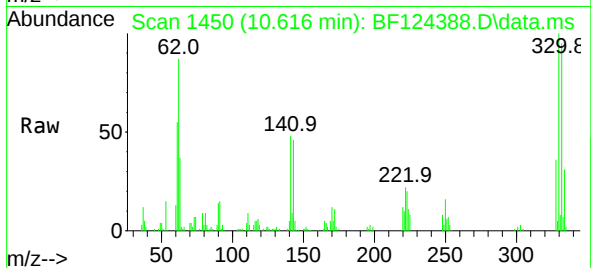




#67
4-Bromophenyl-phenylether
Concen: 3.832 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124388.D
Acq: 21 Jun 2021 12:01

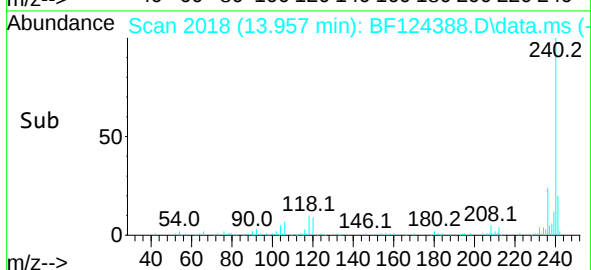
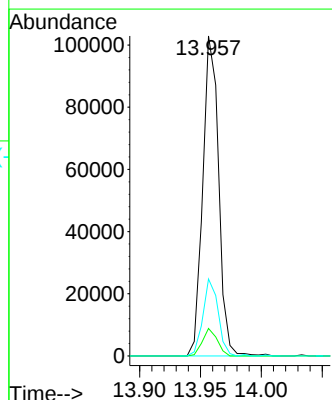
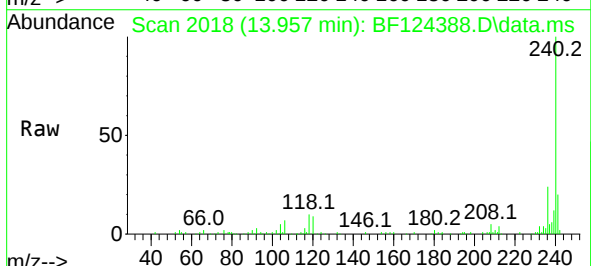
Instrument :
BNA_F
ClientSampleId :
PB137220BL

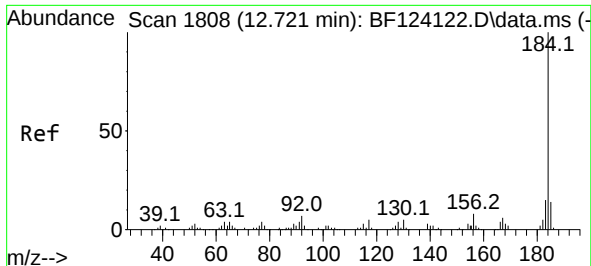
Tgt Ion:248 Resp: 8199
Ion Ratio Lower Upper
248 100
250 195.7 77.4 116.2#
141 602.5 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124388.D
Acq: 21 Jun 2021 12:01

Tgt Ion:240 Resp: 93087
Ion Ratio Lower Upper
240 100
120 8.6 7.2 10.8
236 24.1 19.0 28.4

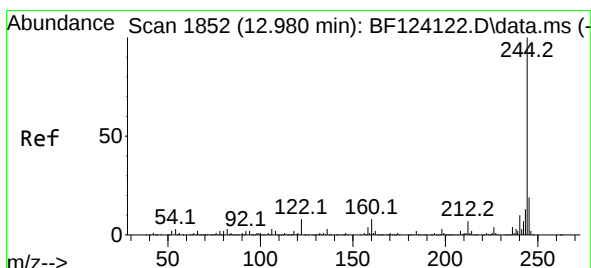
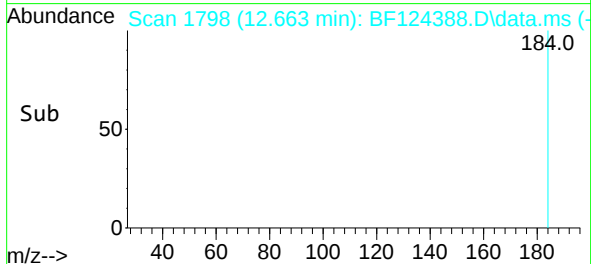
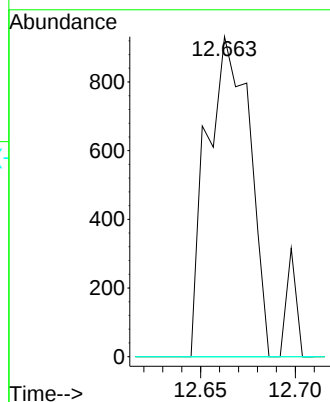
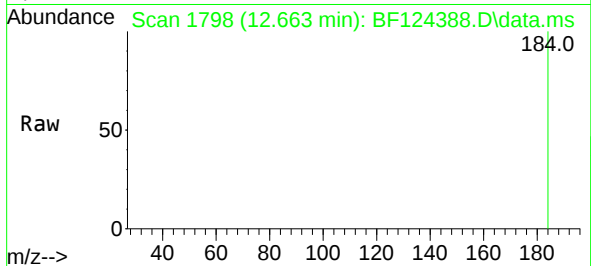




#77
Benzidine
Concen: 4.680 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.035 min
Lab File: BF124388.D
Acq: 21 Jun 2021 12:01

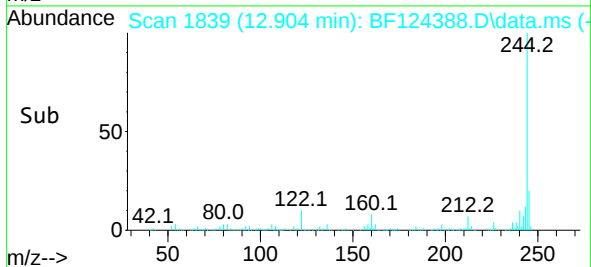
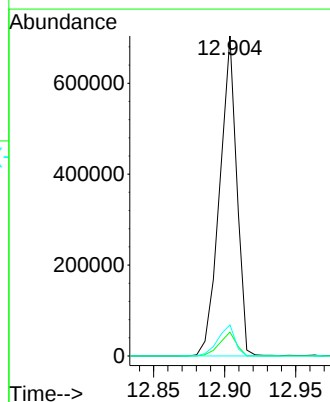
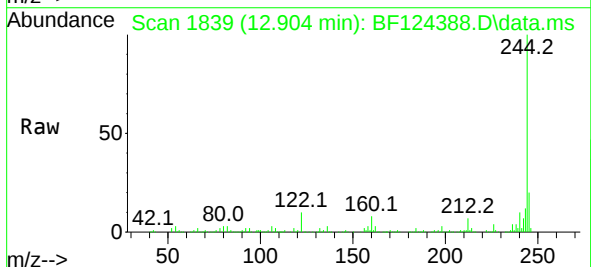
Instrument :
BNA_F
ClientSampleId :
PB137220BL

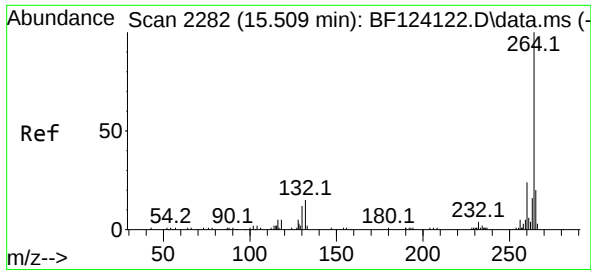
Tgt Ion:184 Resp: 1467
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 0.0 7.8 11.8#



#79
Terphenyl-d14
Concen: 87.089 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF124388.D
Acq: 21 Jun 2021 12:01

Tgt Ion:244 Resp: 590466
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 9.7 9.7 14.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: BF124388.D
 Acq: 21 Jun 2021 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB137220BL

Tgt Ion:264 Resp: 74122
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 19.4 17.8 26.8

