

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
 Data File : BF123985.D
 Acq On : 19 May 2021 12:06
 Operator : JU/CG
 Sample : PB136517BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136517BL

Quant Time: May 19 12:55:32 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

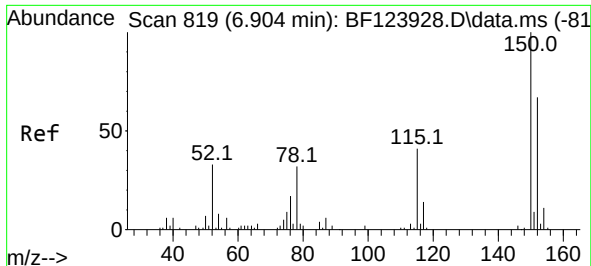
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	55774	20.00	ng	0.00
21) Naphthalene-d8	8.187	136	208330	20.00	ng	0.00
39) Acenaphthene-d10	9.945	164	123382	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	217246	20.00	ng	0.00
76) Chrysene-d12	14.074	240	163495	20.00	ng	0.00
86) Perylene-d12	15.568	264	128043	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	456327	114.87	ng	0.02
7) Phenol-d6	6.528	99	566537	109.94	ng	0.00
23) Nitrobenzene-d5	7.463	82	414750	85.78	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	167883	113.29	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	734237	73.23	ng	0.00
79) Terphenyl-d14	13.022	244	849738	78.72	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	58748	16.87	ng	# 78
25) Isophorone	7.463	82	414747	44.59	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	14968	7.51	ng	# 11
57) 2,4-Dinitrotoluene	9.945	165	14968	6.13	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.733	198	649	5.85	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	11166	3.91	ng	# 1
77) Benzidine	13.022	184	14023	3.55	ng	# 93

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

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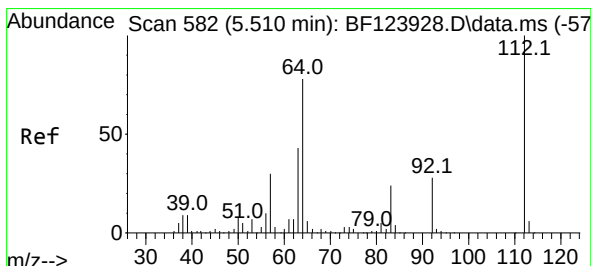
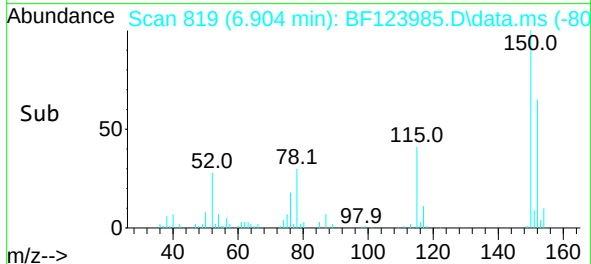
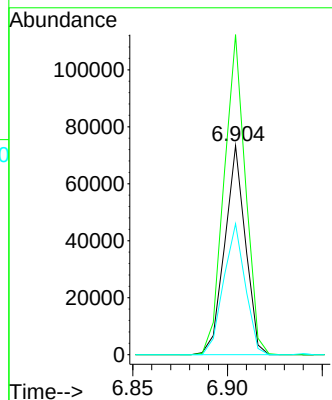
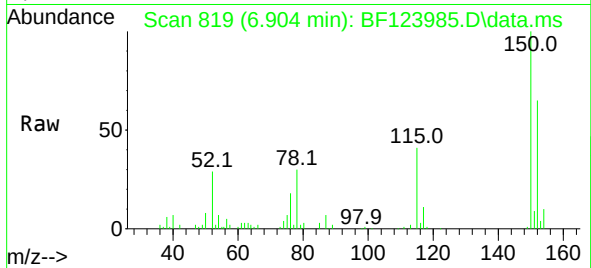




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123985.D
Acq: 19 May 2021 12:06

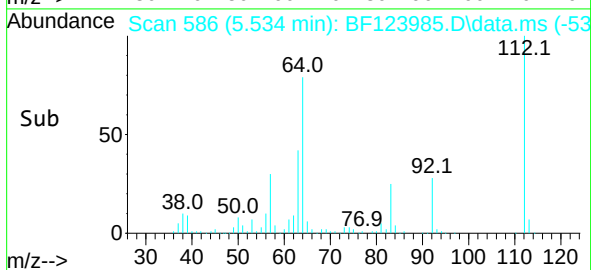
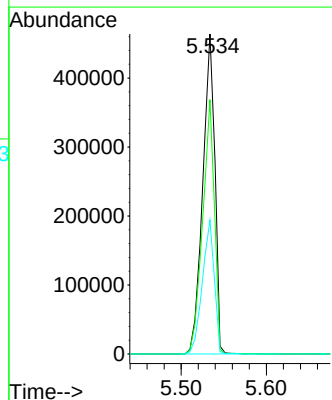
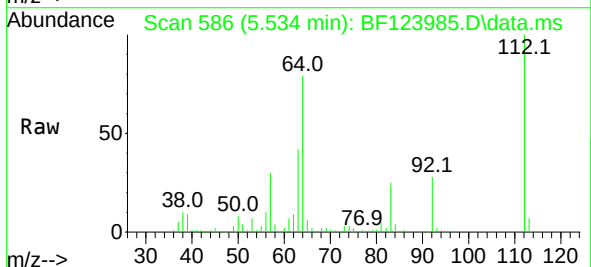
Instrument :
BNA_F
ClientSampleId :
PB136517BL

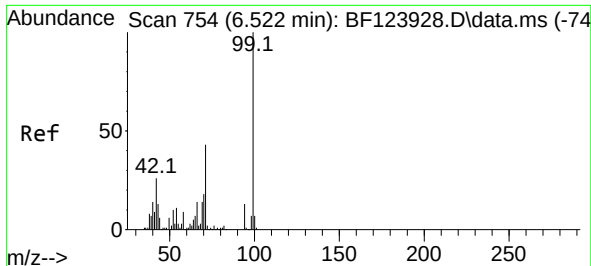
Tgt Ion:152 Resp: 55774
Ion Ratio Lower Upper
152 100
150 153.0 127.0 190.6
115 62.6 54.3 81.5



#5
2-Fluorophenol
Concen: 114.87 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.024 min
Lab File: BF123985.D
Acq: 19 May 2021 12:06

Tgt Ion:112 Resp: 456327
Ion Ratio Lower Upper
112 100
64 79.5 61.4 92.0
63 41.9 33.0 49.4

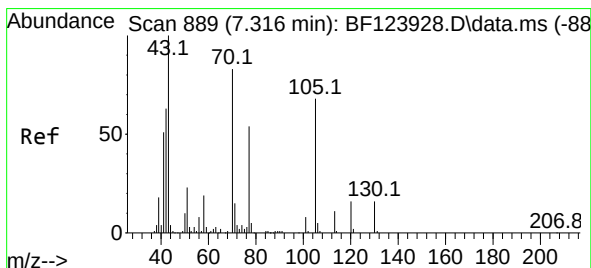
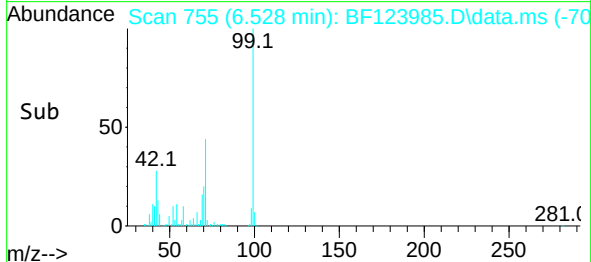
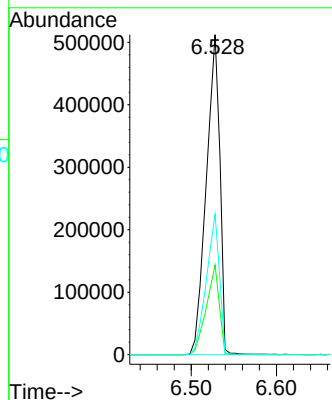
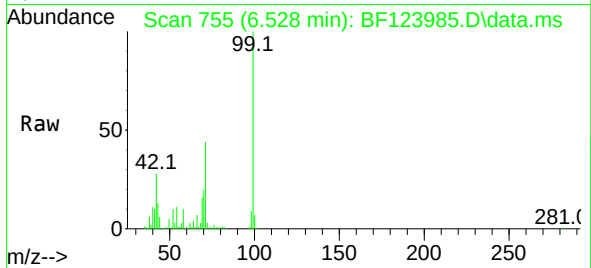




#7
Phenol-d6
Concen: 109.94 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF123985.D
Acq: 19 May 2021 12:06

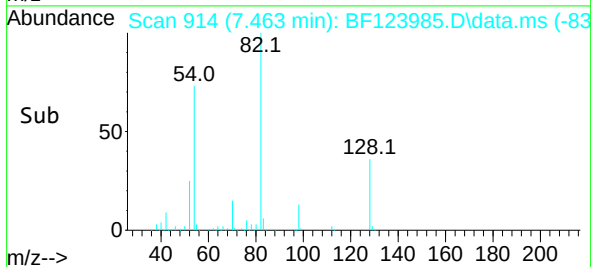
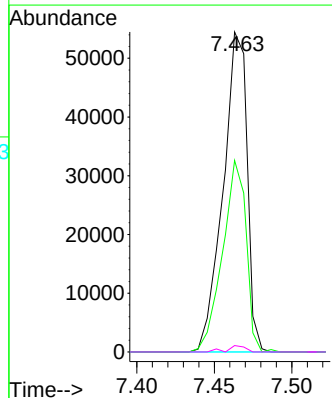
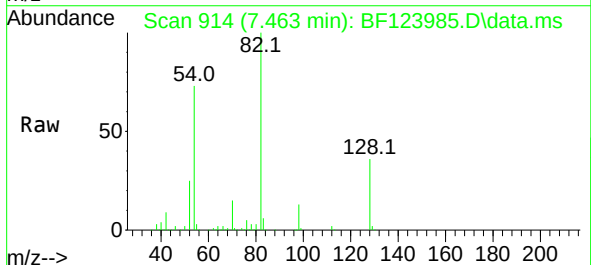
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BNA_F
ClientSampleId :
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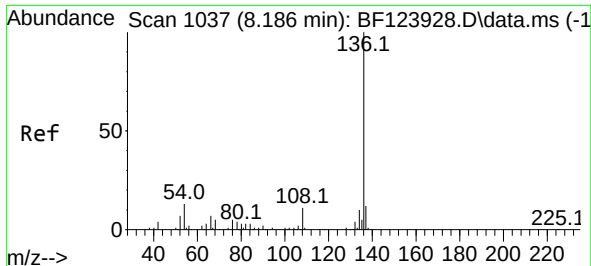
Tgt Ion: 99 Resp: 566537
Ion Ratio Lower Upper
99 100
42 28.0 19.8 29.8
71 43.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.87 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123985.D
Acq: 19 May 2021 12:06

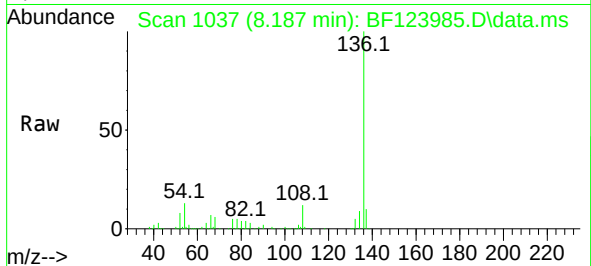
Tgt Ion: 70 Resp: 58748
Ion Ratio Lower Upper
70 100
42 59.8 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#



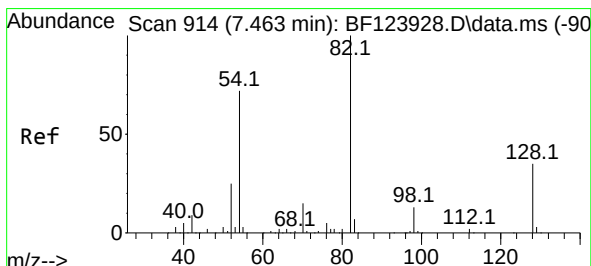
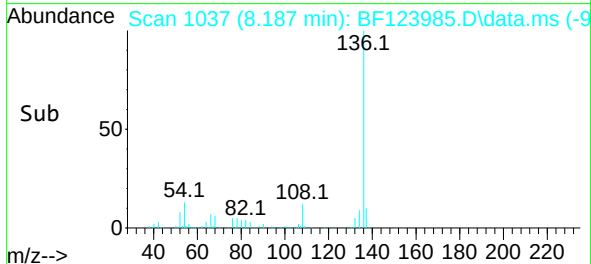
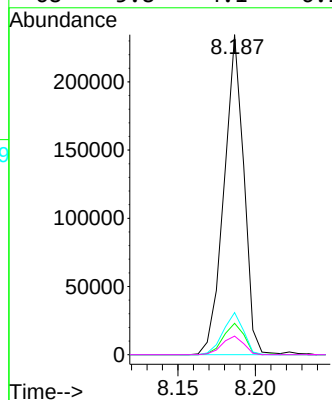


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.001 min
Lab File: BF123985.D
Acq: 19 May 2021 12:06

Instrument :
BNA_F
ClientSampleId :
PB136517BL

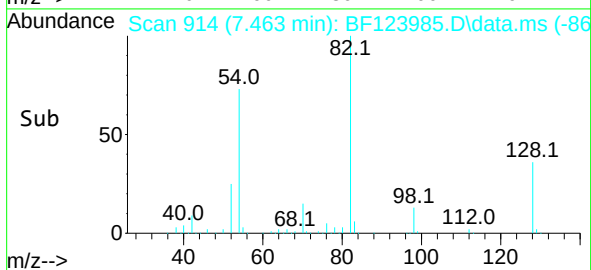
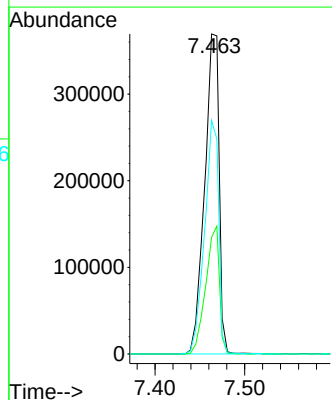
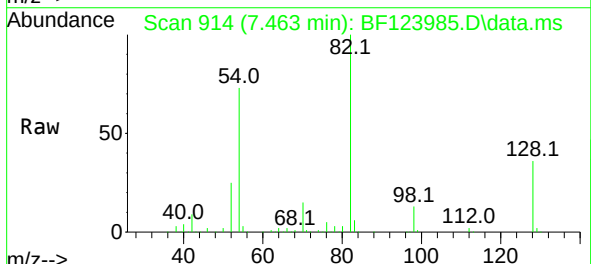


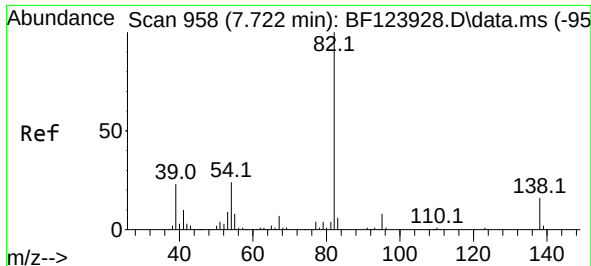
Tgt Ion:	136	Resp:	208330
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.7	13.1
54	13.2	9.8	14.6
68	5.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 85.78 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123985.D
Acq: 19 May 2021 12:06

Tgt Ion:	82	Resp:	414750
Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.4	44.2
54	73.0	54.1	81.1

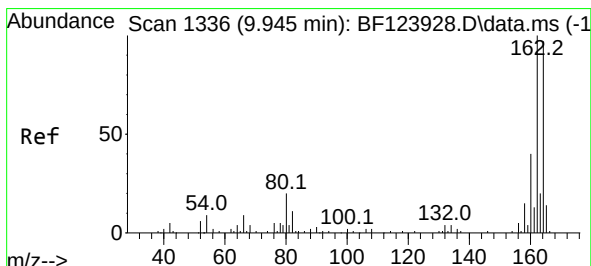
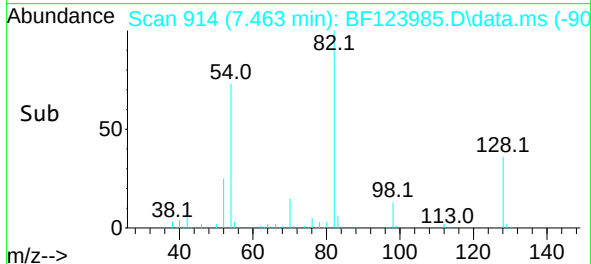
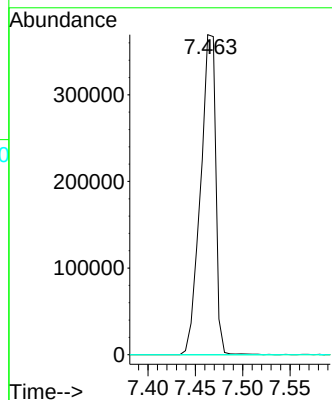
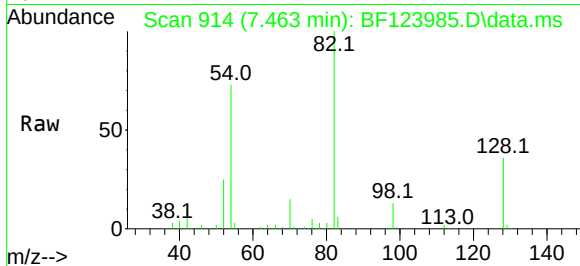




#25
Isophorone
Concen: 44.59 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123985.D
Acq: 19 May 2021 12:06

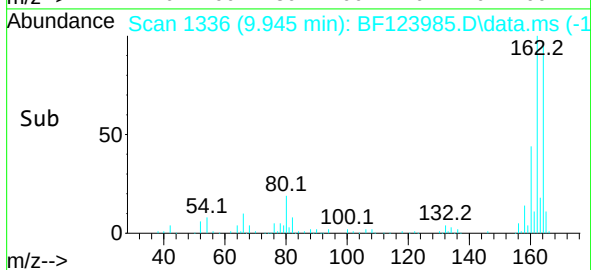
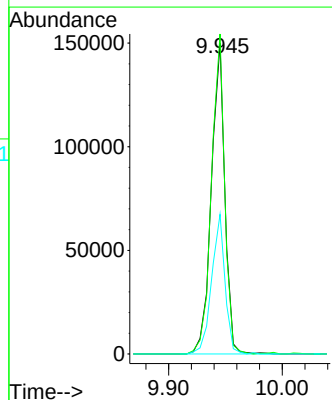
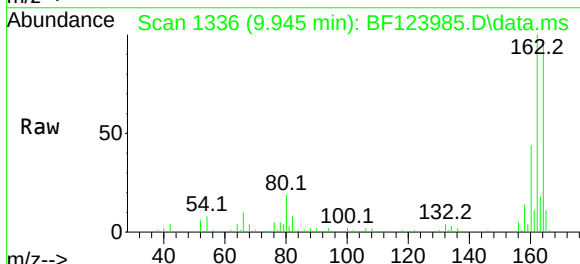
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ClientSampleId :
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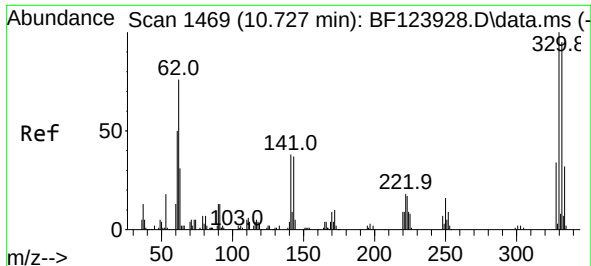
Tgt Ion: 82 Resp: 414747
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123985.D
Acq: 19 May 2021 12:06

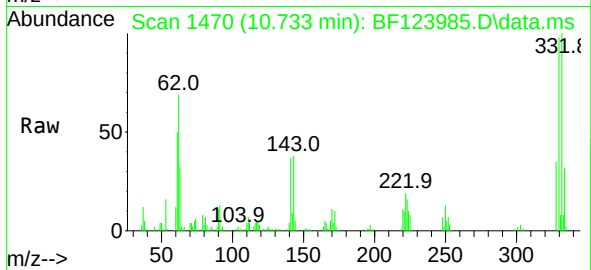
Tgt Ion: 164 Resp: 123382
Ion Ratio Lower Upper
164 100
162 103.0 80.7 121.1
160 45.0 37.3 55.9



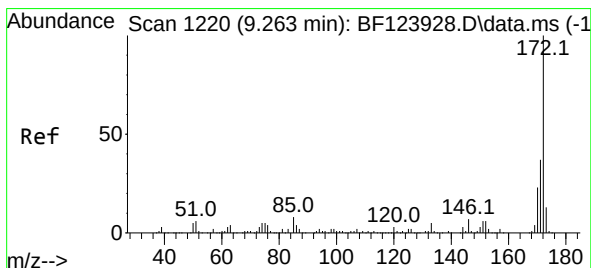
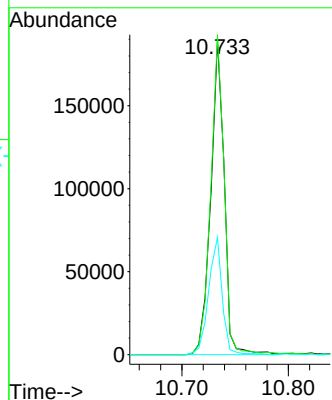
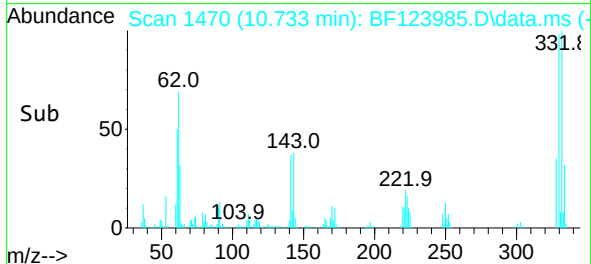


#42
2,4,6-Tribromophenol
Concen: 113.29 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BF123985.D
Acq: 19 May 2021 12:06

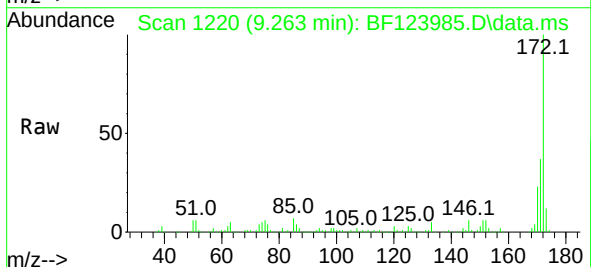
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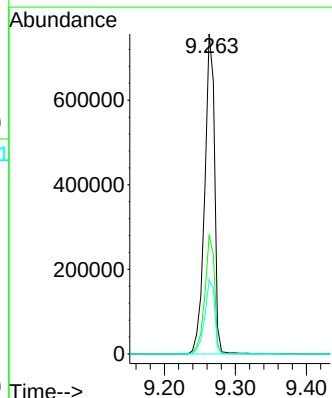
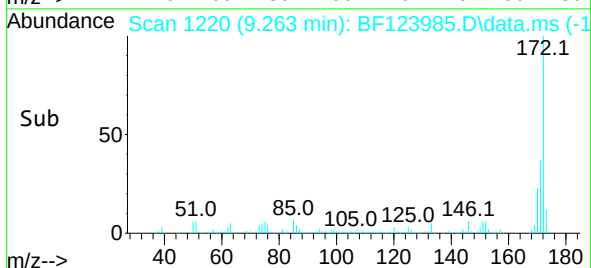
Tgt Ion: 330 Resp: 167883
Ion Ratio Lower Upper
330 100
332 101.8 77.1 115.7
141 37.6 27.9 41.9

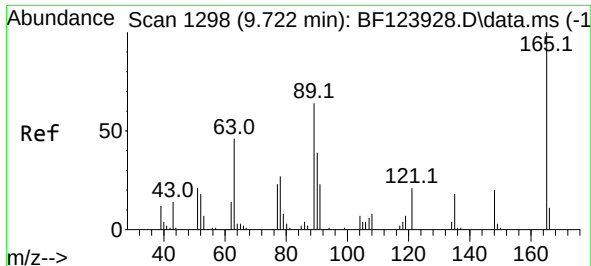


#45
2-Fluorobiphenyl
Concen: 73.23 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123985.D
Acq: 19 May 2021 12:06



Tgt Ion: 172 Resp: 734237
Ion Ratio Lower Upper
172 100
171 37.0 28.1 42.1
170 23.2 19.2 28.8

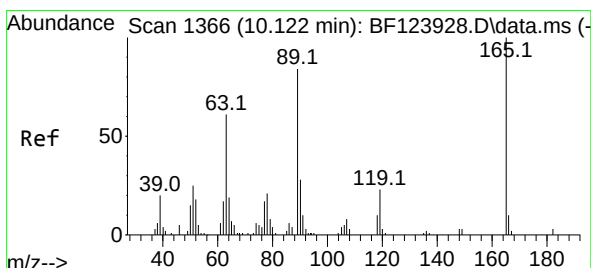
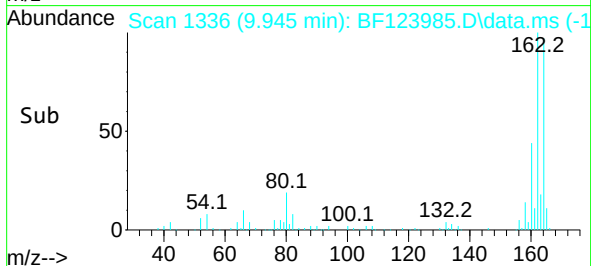
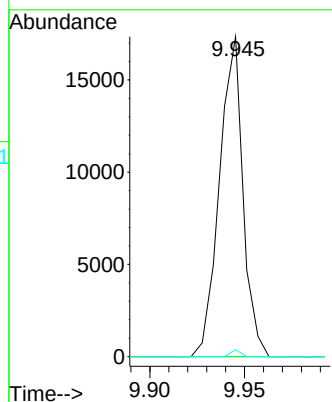
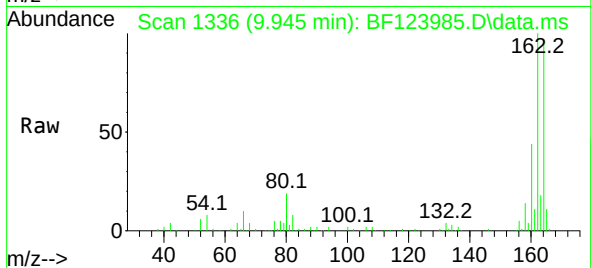




#51
2,6-Dinitrotoluene
Concen: 7.51 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.224 min
Lab File: BF123985.D
Acq: 19 May 2021 12:06

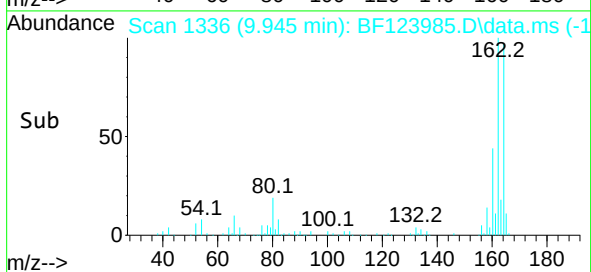
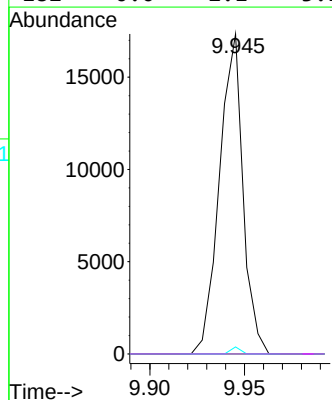
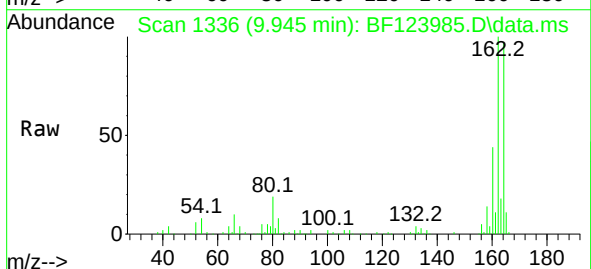
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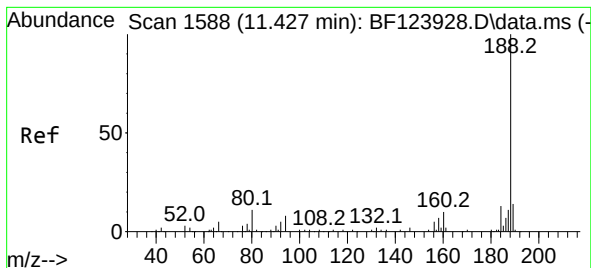
Tgt Ion:165 Resp: 14968
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 2.2 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.13 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.176 min
Lab File: BF123985.D
Acq: 19 May 2021 12:06

Tgt Ion:165 Resp: 14968
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 2.2 67.7 101.5#
182 0.0 2.1 3.1#

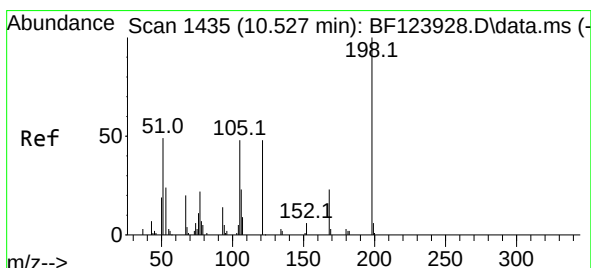
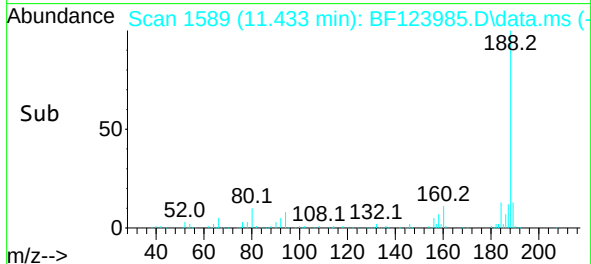
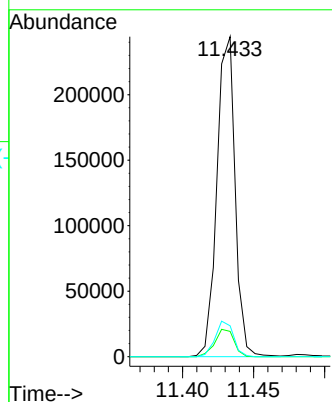
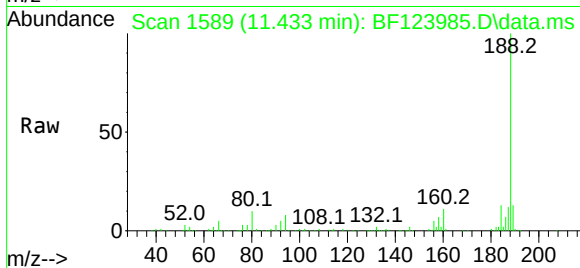




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF123985.D
Acq: 19 May 2021 12:06

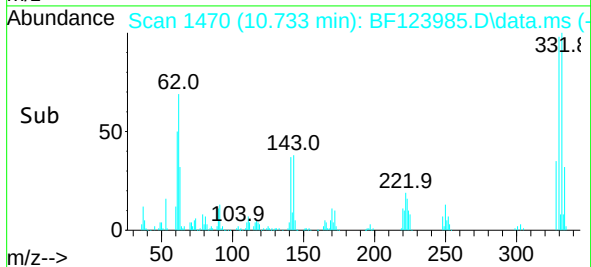
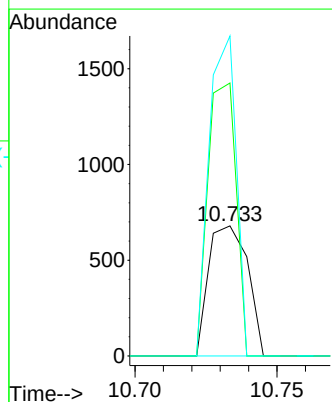
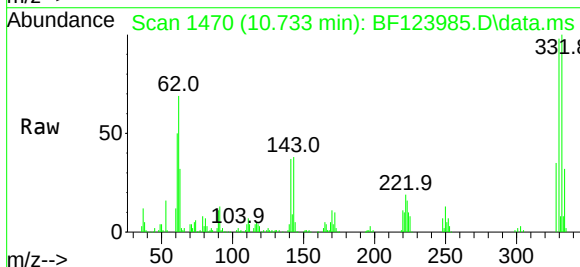
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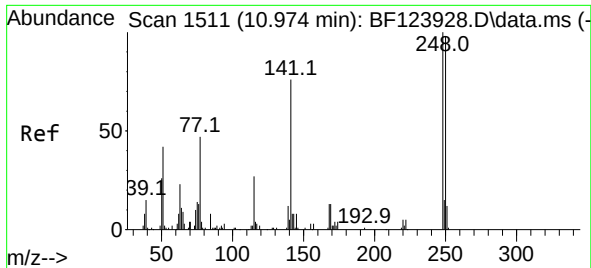
Tgt Ion:188 Resp: 217246
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 9.7 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.85 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.206 min
Lab File: BF123985.D
Acq: 19 May 2021 12:06

Tgt Ion:198 Resp: 649
Ion Ratio Lower Upper
198 100
51 209.9 64.8 104.8#
105 246.1 42.6 82.6#

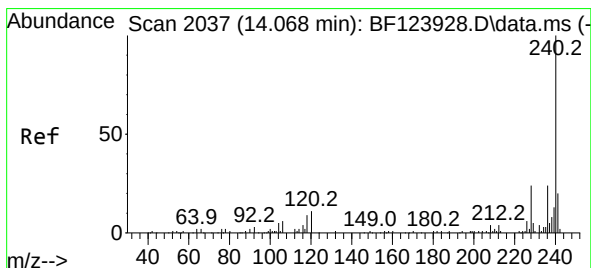
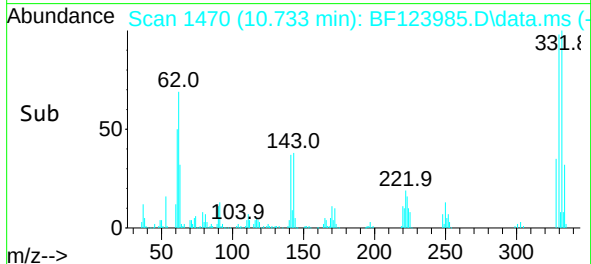
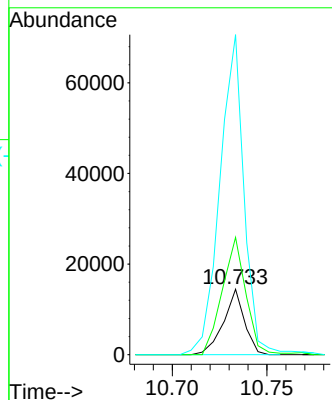
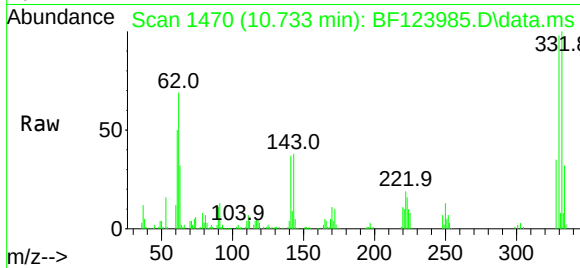




#67
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.241 min
Lab File: BF123985.D
Acq: 19 May 2021 12:06

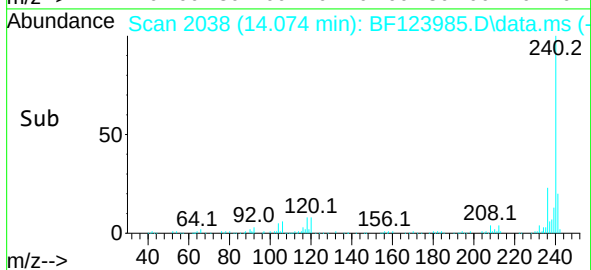
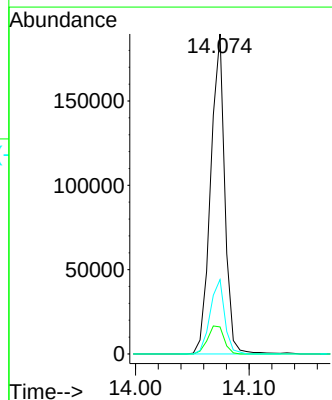
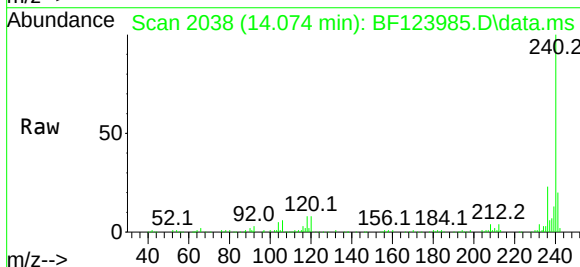
Instrument :
BNA_F
ClientSampleId :
PB136517BL

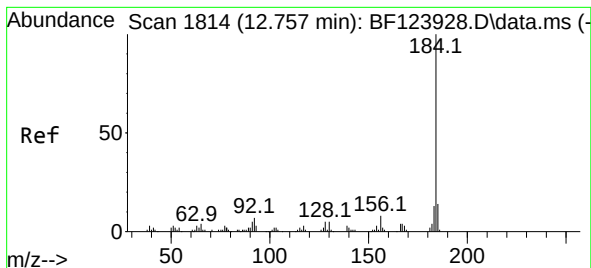
Tgt Ion:248 Resp: 11166
Ion Ratio Lower Upper
248 100
250 179.4 77.4 116.2#
141 489.2 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF123985.D
Acq: 19 May 2021 12:06

Tgt Ion:240 Resp: 163495
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 23.3 19.0 28.4





#77

Benzidine

Concen: 3.55 ng

RT: 13.022 min Scan# 1859

Delta R.T. 0.265 min

Lab File: BF123985.D

Acq: 19 May 2021 12:06

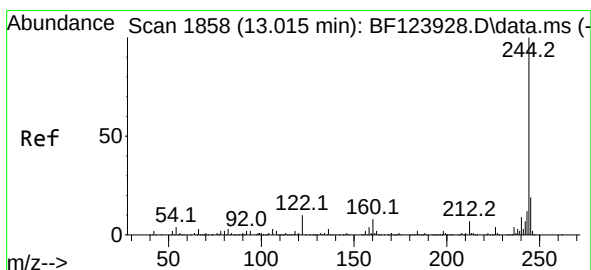
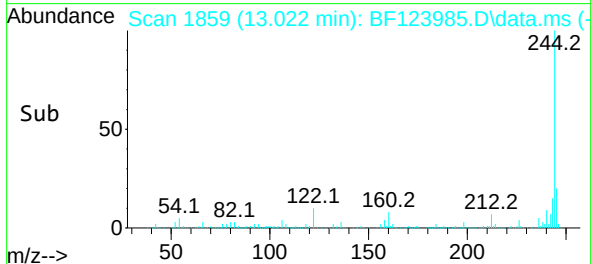
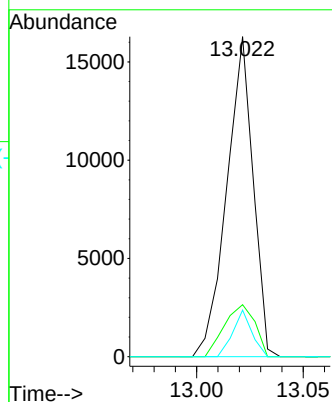
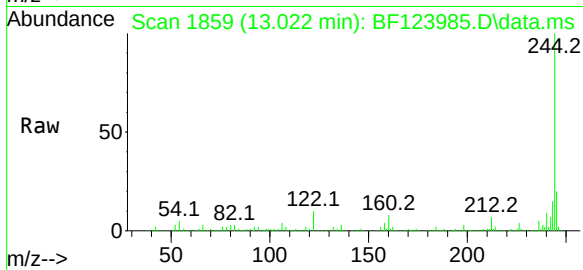
Tgt Ion:184 Resp: 14023

Ion Ratio Lower Upper

184 100

185 16.3 12.1 18.1

183 14.6 7.8 11.8#



#79

Terphenyl-d14

Concen: 78.72 ng

RT: 13.022 min Scan# 1859

Delta R.T. 0.006 min

Lab File: BF123985.D

Acq: 19 May 2021 12:06

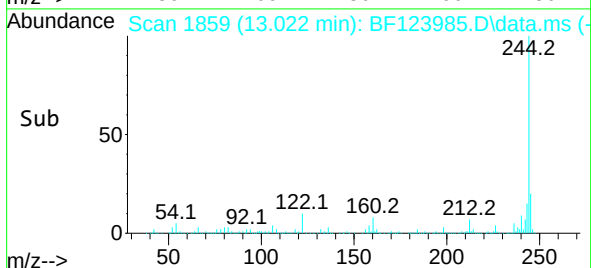
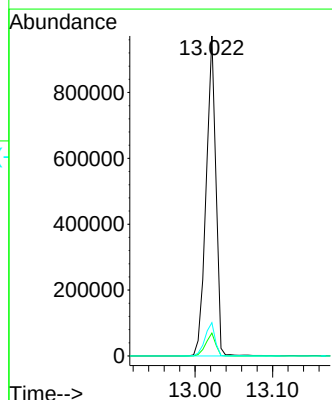
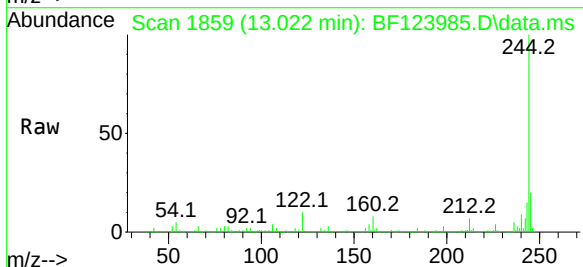
Tgt Ion:244 Resp: 849738

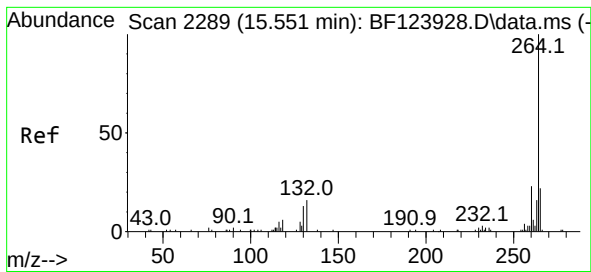
Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

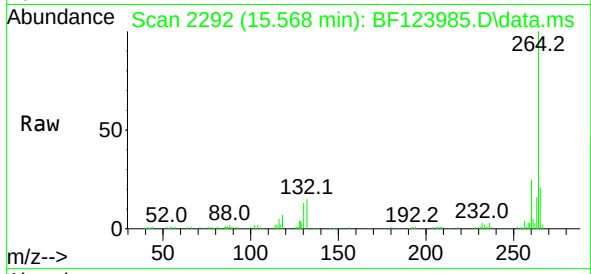
122 10.4 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.018 min
 Lab File: BF123985.D
 Acq: 19 May 2021 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB136517BL



Tgt Ion:264 Resp: 128043
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.7 28.1
 265 21.3 17.8 26.8

