

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
 Data File : BF124035.D
 Acq On : 24 May 2021 13:21
 Operator : JU/CG
 Sample : PB136585TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136585TB

Quant Time: May 24 13:53:48 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)

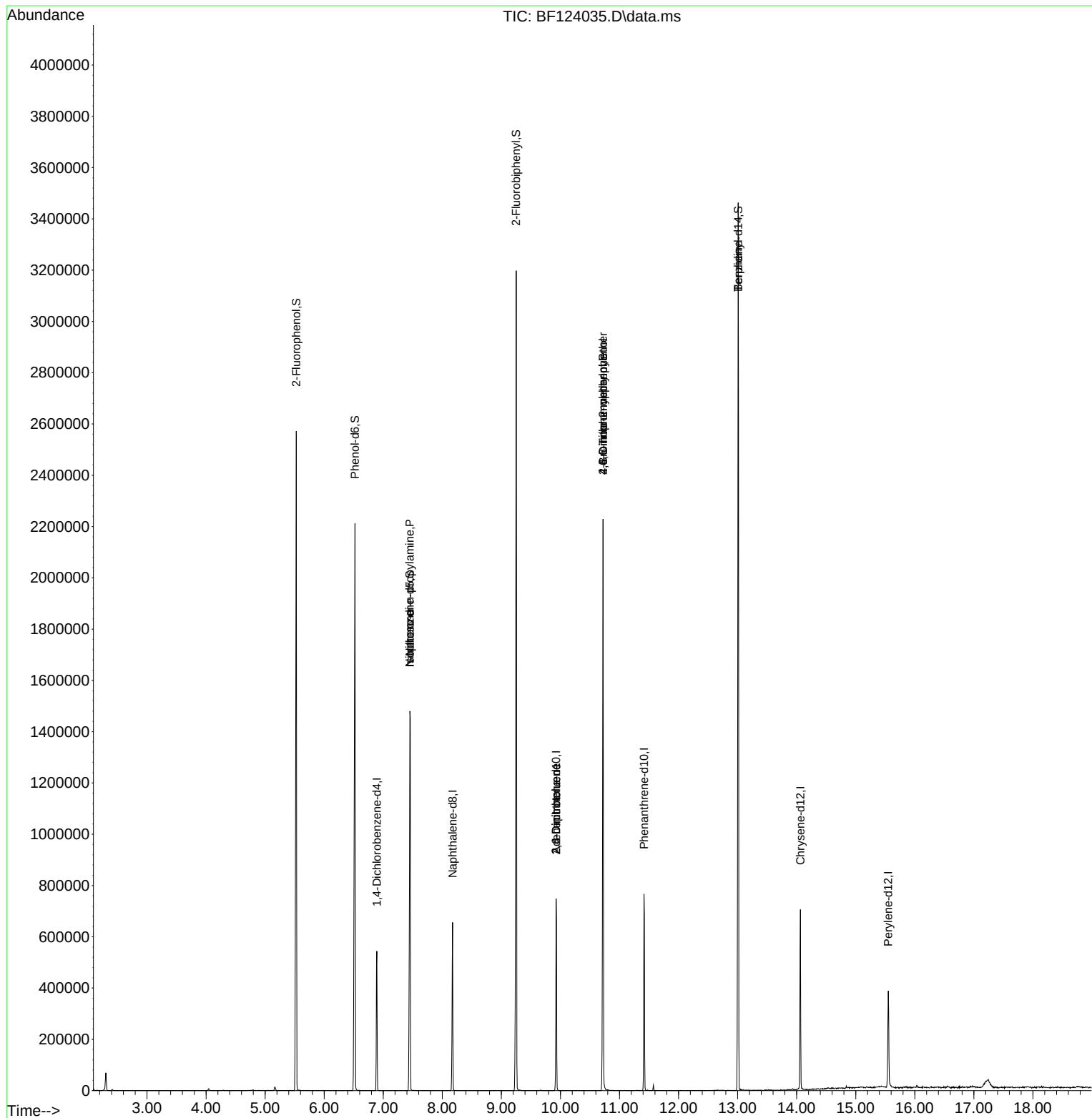
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	67514	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	258604	20.00	ng	#-0.01
39) Acenaphthene-d10	9.927	164	153073	20.00	ng	-0.02
64) Phenanthrene-d10	11.416	188	271582	20.00	ng	#-0.01
76) Chrysene-d12	14.062	240	209103	20.00	ng	0.00
86) Perylene-d12	15.551	264	166986	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	586765	122.03	ng	0.02
7) Phenol-d6	6.522	99	725493	116.31	ng	0.00
23) Nitrobenzene-d5	7.451	82	550241	91.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	226201	123.03	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	973084	78.23	ng	-0.01
79) Terphenyl-d14	13.010	244	1135243	82.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	78706	18.67	ng	# 74
25) Isophorone	7.451	82	549945	47.63	ng	# 69
51) 2,6-Dinitrotoluene	9.927	165	18746	7.58	ng	# 11
57) 2,4-Dinitrotoluene	9.927	165	18746	6.18	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.722	198	584	5.73	ng	# 38
67) 4-Bromophenyl-phenylether	10.722	248	15094	4.23	ng	# 1
77) Benzidine	13.010	184	19864	3.94	ng	99

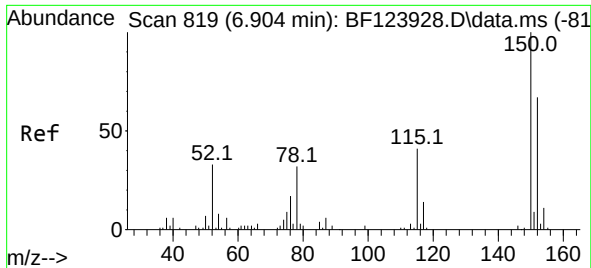
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
Data File : BF124035.D
Acq On : 24 May 2021 13:21
Operator : JU/CG
Sample : PB136585TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PB136585TB

Quant Time: May 24 13:53:48 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

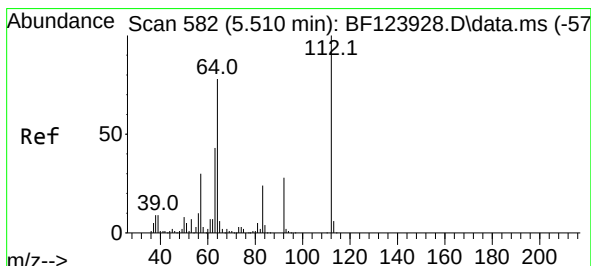
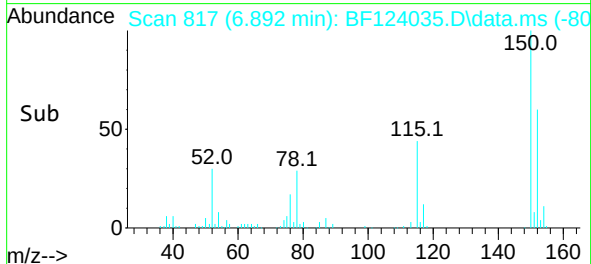
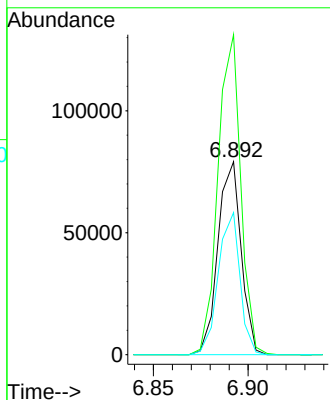
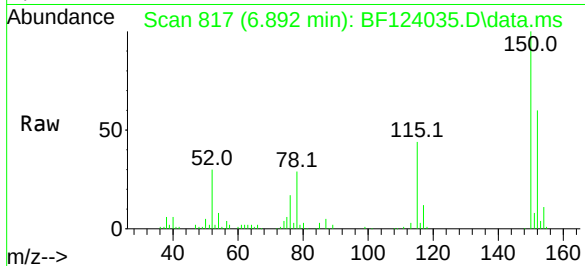




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124035.D
Acq: 24 May 2021 13:21

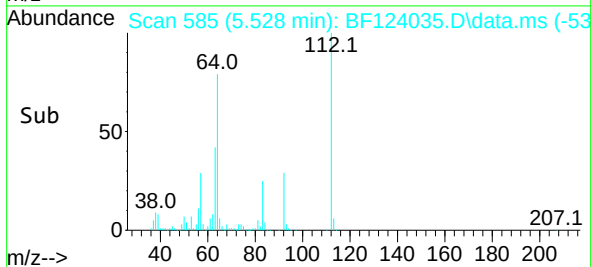
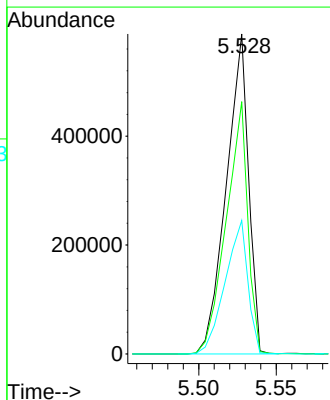
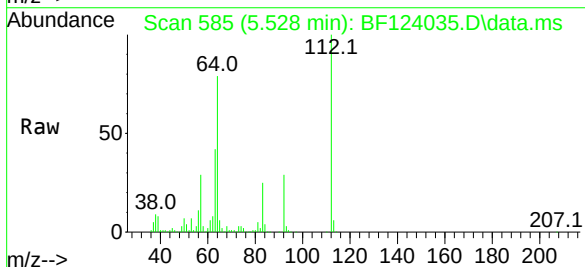
Instrument :
BNA_F
ClientSampleId :
PB136585TB

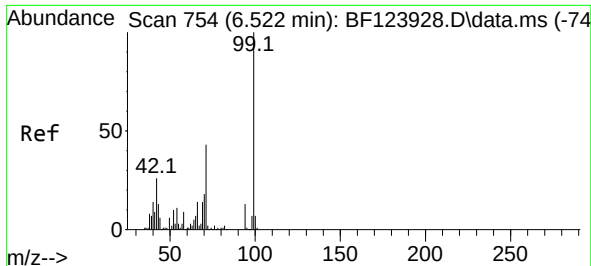
Tgt Ion:152 Resp: 67514
Ion Ratio Lower Upper
152 100
150 165.8 127.0 190.6
115 73.6 54.3 81.5



#5
2-Fluorophenol
Concen: 122.03 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF124035.D
Acq: 24 May 2021 13:21

Tgt Ion:112 Resp: 586765
Ion Ratio Lower Upper
112 100
64 78.8 61.4 92.0
63 41.7 33.0 49.4

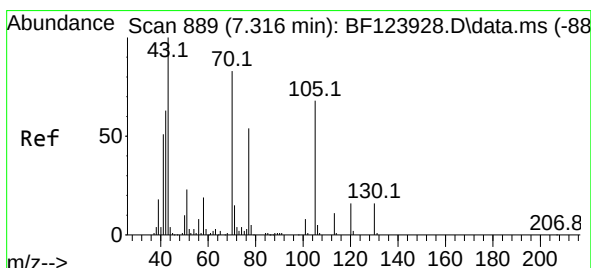
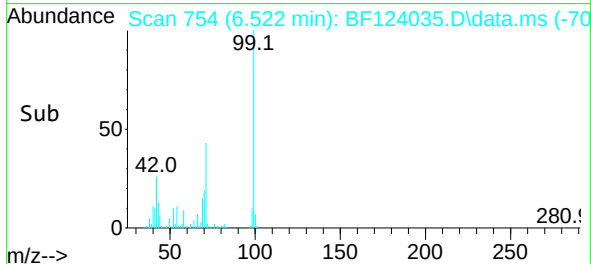
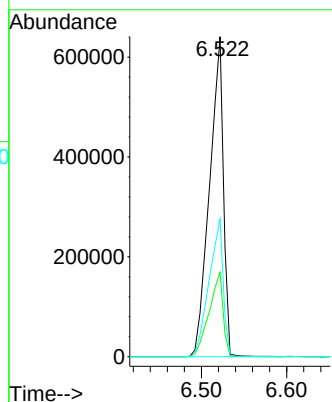
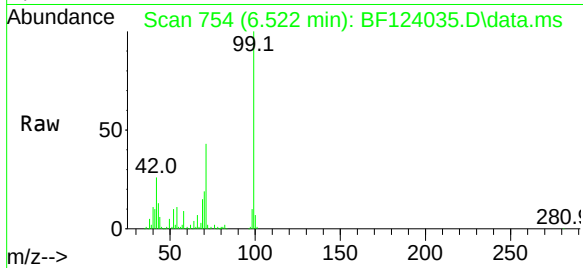




#7
Phenol-d6
Concen: 116.31 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF124035.D
Acq: 24 May 2021 13:21

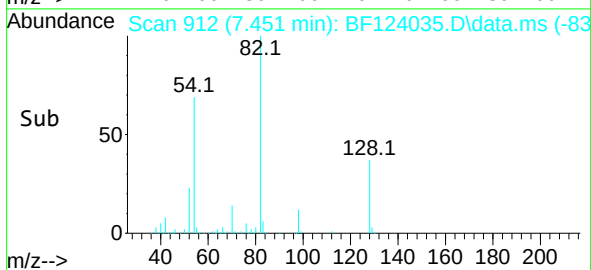
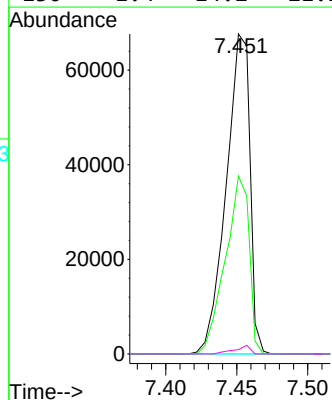
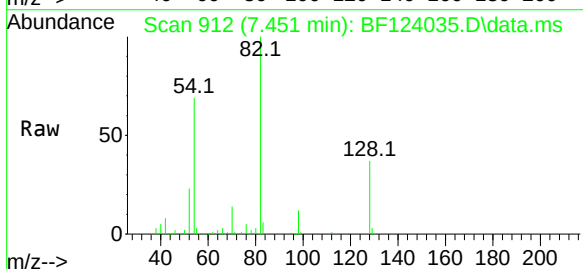
Instrument :
BNA_F
ClientSampleId :
PB136585TB

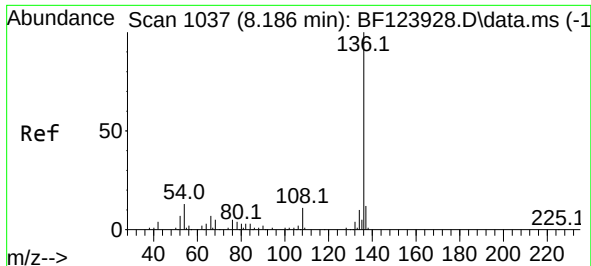
Tgt Ion: 99 Resp: 725493
Ion Ratio Lower Upper
99 100
42 26.4 19.8 29.8
71 43.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.67 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF124035.D
Acq: 24 May 2021 13:21

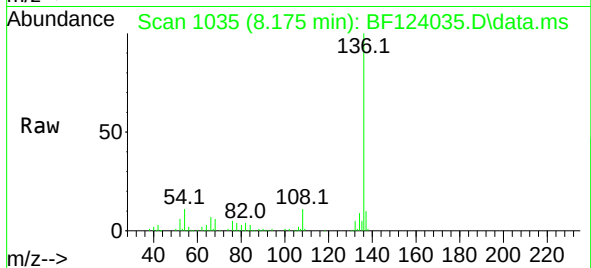
Tgt Ion: 70 Resp: 78706
Ion Ratio Lower Upper
70 100
42 55.6 60.1 90.1#
101 0.0 7.4 11.2#
130 1.4 14.2 21.2#



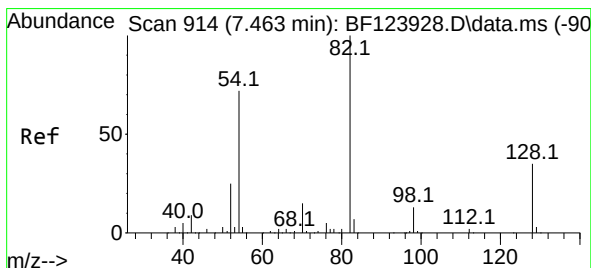
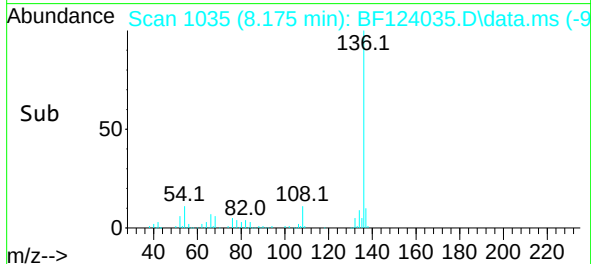
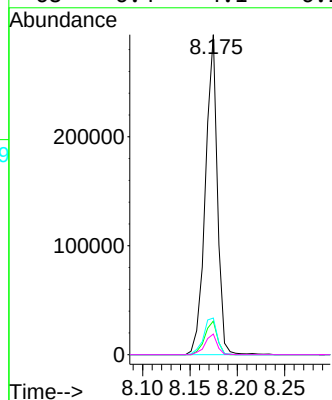


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124035.D
Acq: 24 May 2021 13:21

Instrument :
BNA_F
ClientSampleId :
PB136585TB

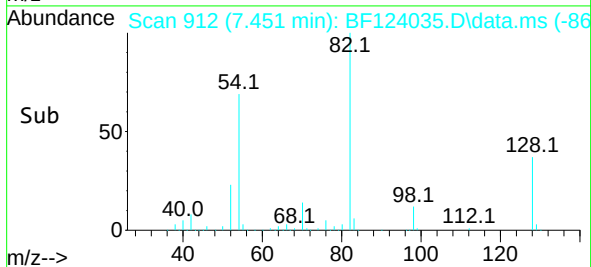
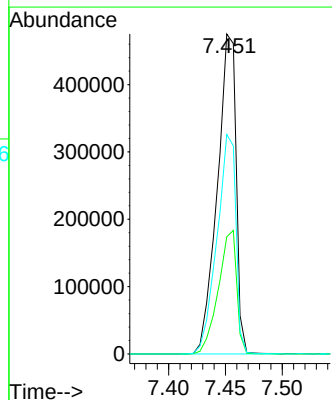
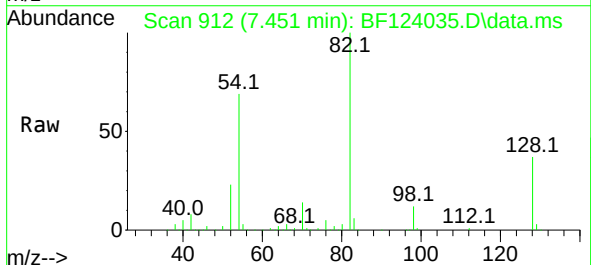


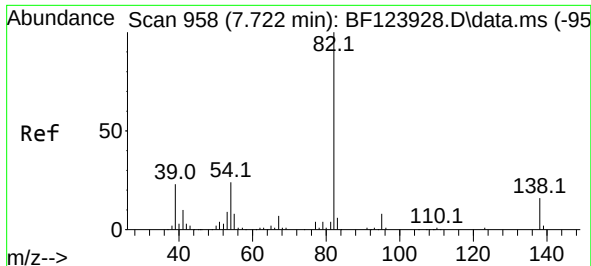
Tgt Ion:136 Resp: 258604
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 11.4 9.8 14.6
68 6.4 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 91.68 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124035.D
Acq: 24 May 2021 13:21

Tgt Ion: 82 Resp: 550241
Ion Ratio Lower Upper
82 100
128 36.6 29.4 44.2
54 68.6 54.1 81.1

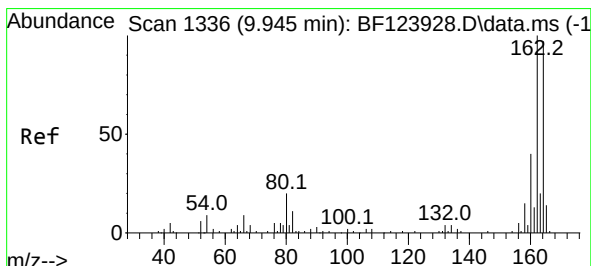
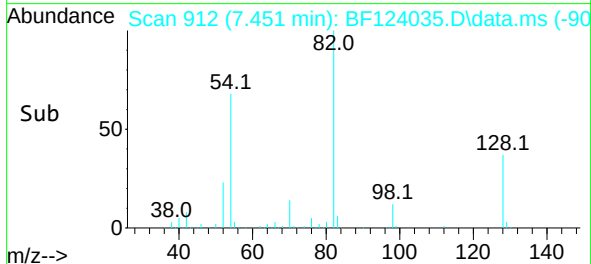
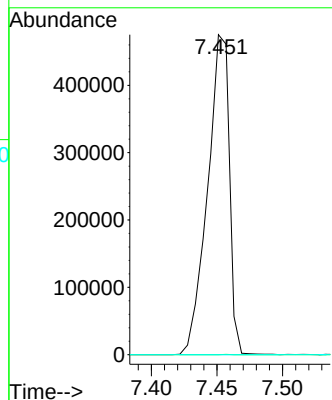
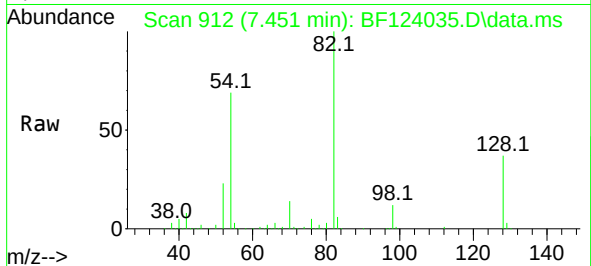




#25
Isophorone
Concen: 47.63 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.271 min
Lab File: BF124035.D
Acq: 24 May 2021 13:21

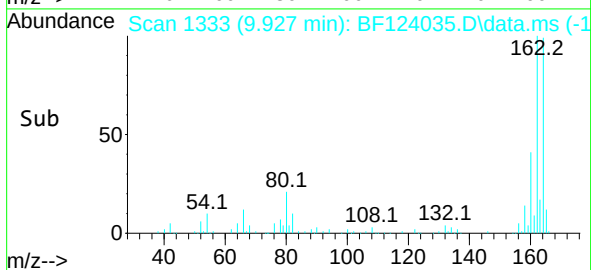
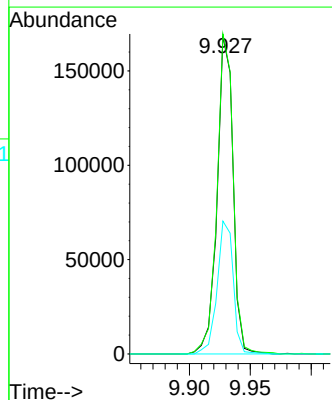
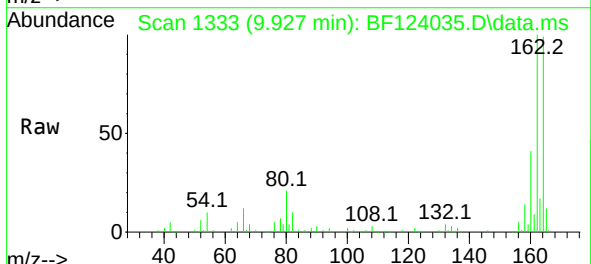
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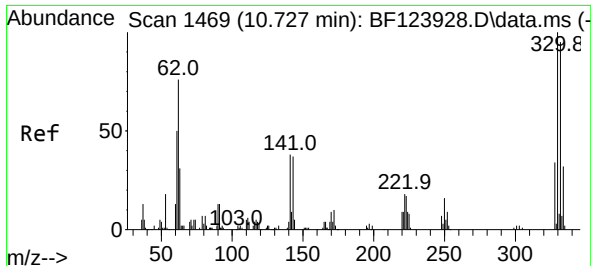
Tgt Ion: 82 Resp: 549945
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.018 min
Lab File: BF124035.D
Acq: 24 May 2021 13:21

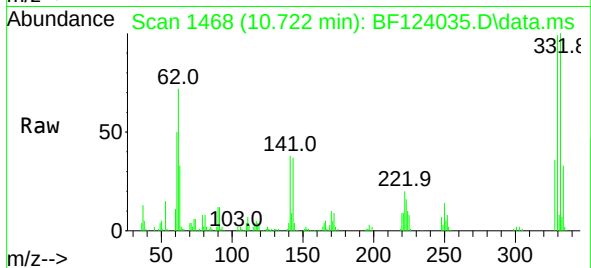
Tgt Ion:164 Resp: 153073
Ion Ratio Lower Upper
164 100
162 100.7 80.7 121.1
160 41.8 37.3 55.9



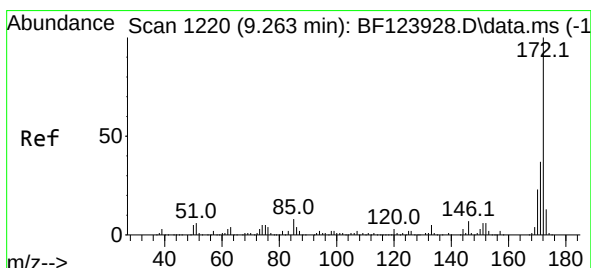
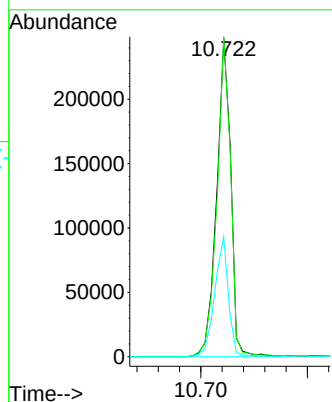
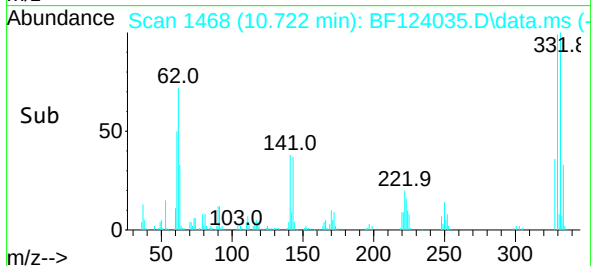


#42
2,4,6-Tribromophenol
Concen: 123.03 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124035.D
Acq: 24 May 2021 13:21

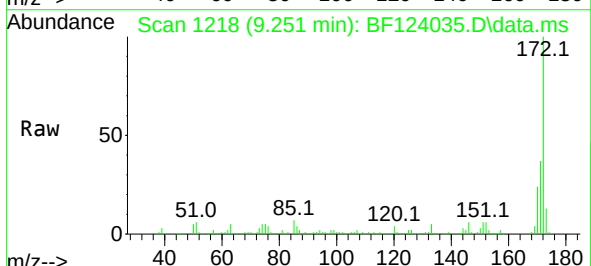
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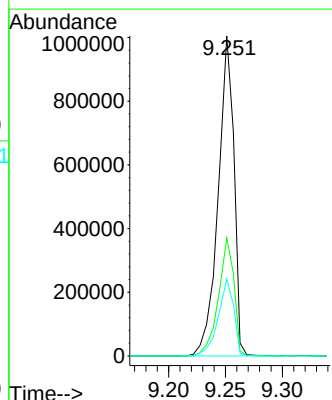
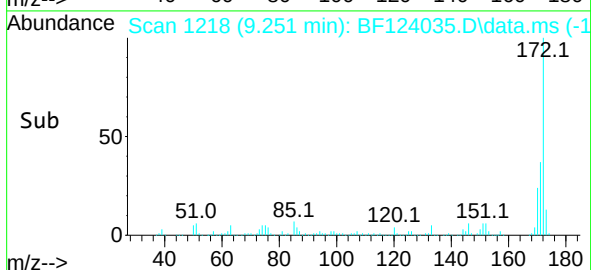
Tgt Ion: 330 Resp: 226201
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 37.2 27.9 41.9

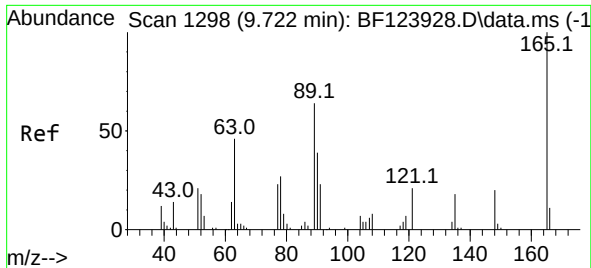


#45
2-Fluorobiphenyl
Concen: 78.23 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124035.D
Acq: 24 May 2021 13:21



Tgt Ion: 172 Resp: 973084
Ion Ratio Lower Upper
172 100
171 36.9 28.1 42.1
170 24.0 19.2 28.8

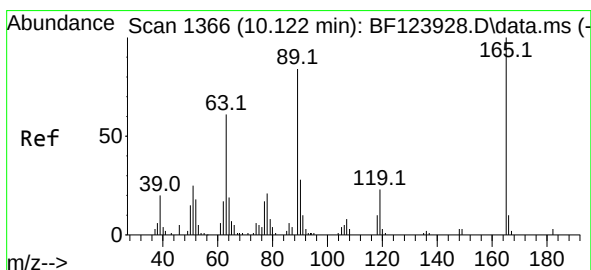
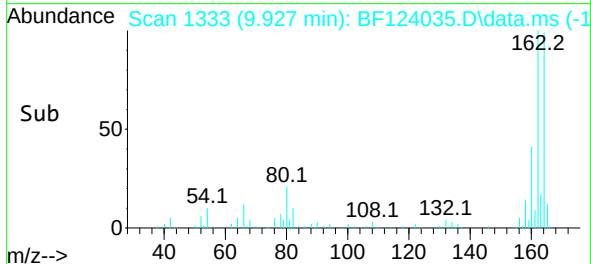
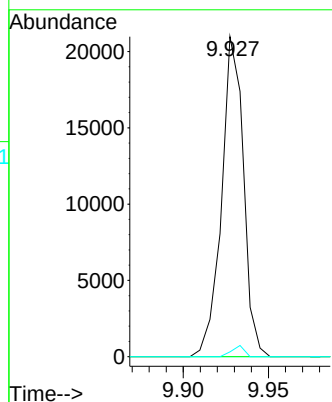
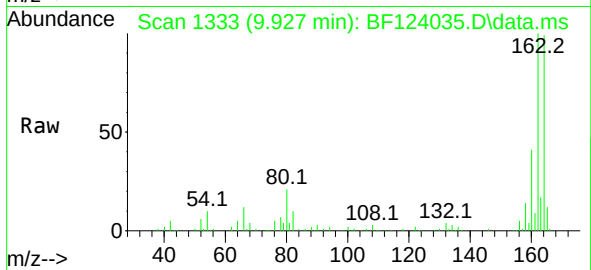




#51
2,6-Dinitrotoluene
Concen: 7.58 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF124035.D
Acq: 24 May 2021 13:21

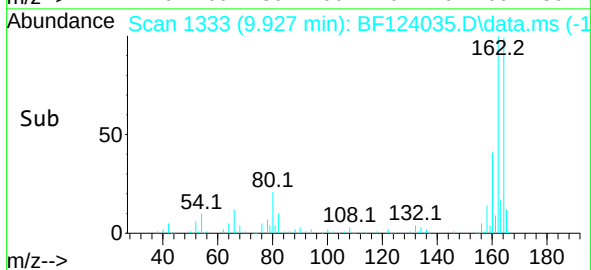
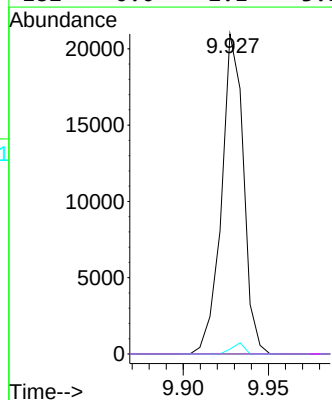
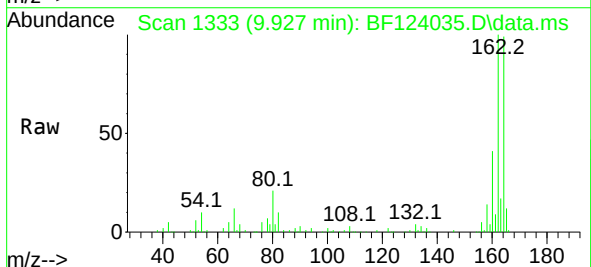
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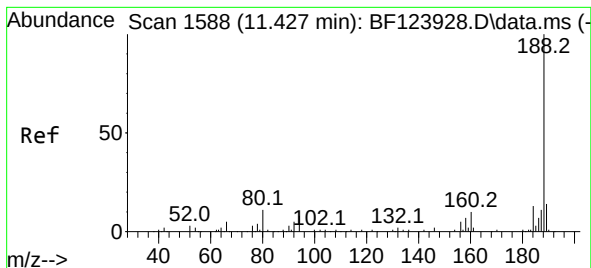
Tgt Ion:165 Resp: 18746
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 1.5 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124035.D
Acq: 24 May 2021 13:21

Tgt Ion:165 Resp: 18746
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 1.5 67.7 101.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.416 min Scan# 1586

Delta R.T. -0.011 min

Lab File: BF124035.D

Acq: 24 May 2021 13:21

Instrument :

BNA_F

ClientSampleId :

PB136585TB

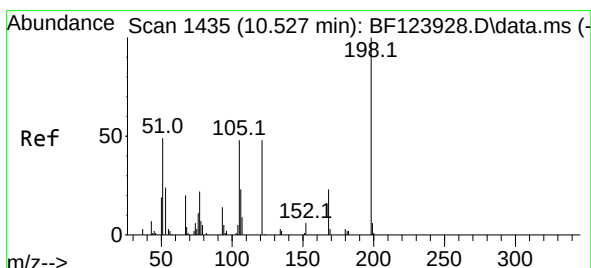
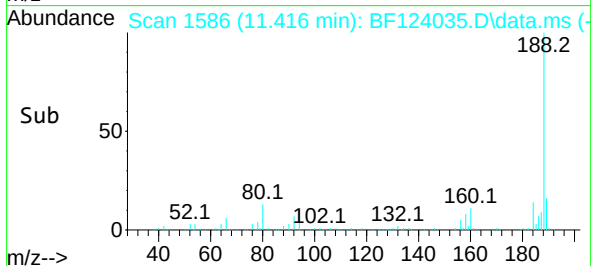
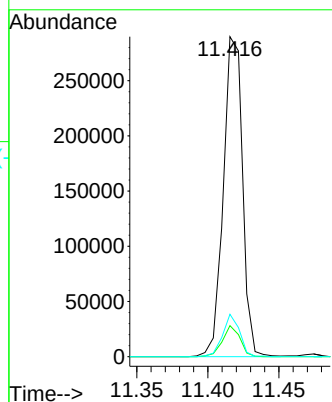
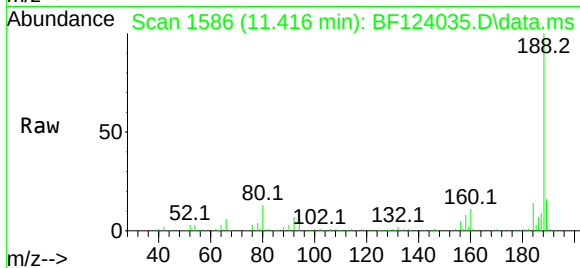
Tgt Ion:188 Resp: 271582

Ion Ratio Lower Upper

188 100

94 9.7 6.9 10.3

80 13.3 8.2 12.2#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.73 ng

RT: 10.722 min Scan# 1468

Delta R.T. 0.195 min

Lab File: BF124035.D

Acq: 24 May 2021 13:21

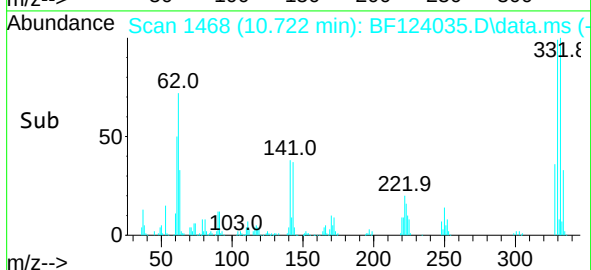
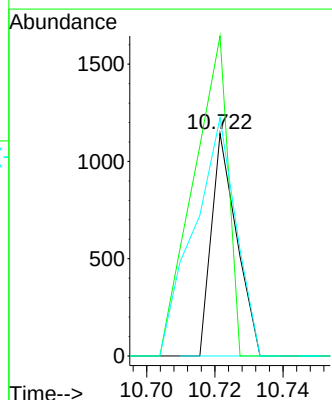
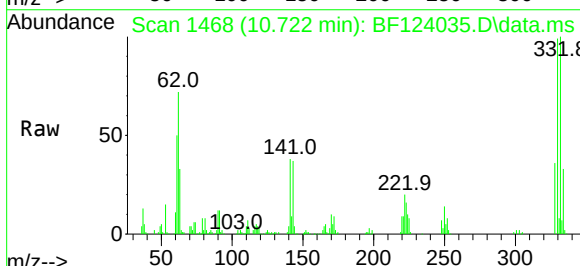
Tgt Ion:198 Resp: 584

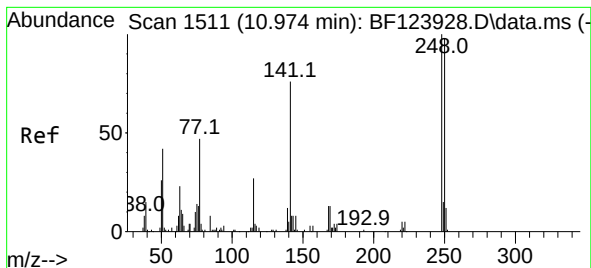
Ion Ratio Lower Upper

198 100

51 143.9 64.8 104.8#

105 107.2 42.6 82.6#

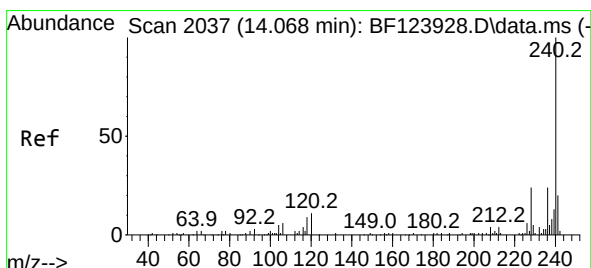
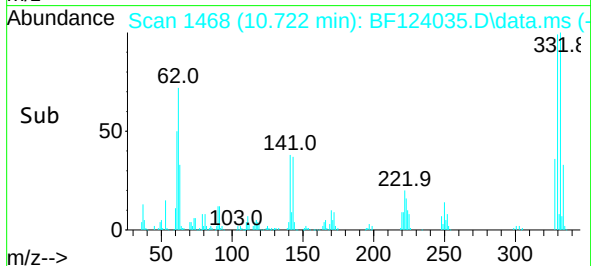
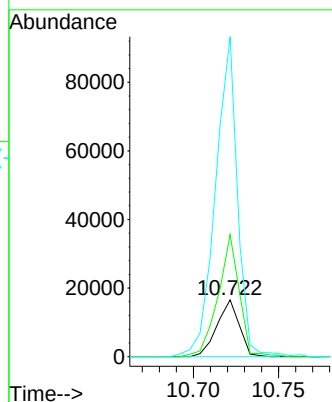
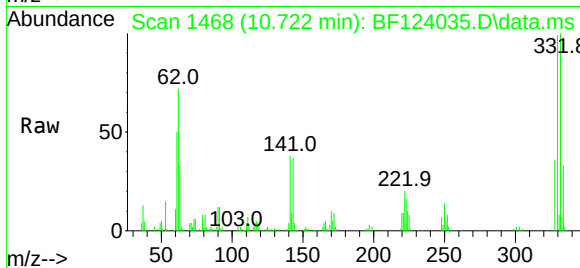




#67
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.253 min
Lab File: BF124035.D
Acq: 24 May 2021 13:21

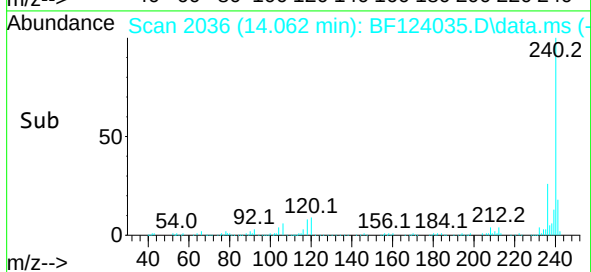
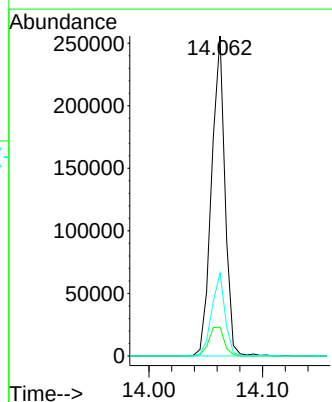
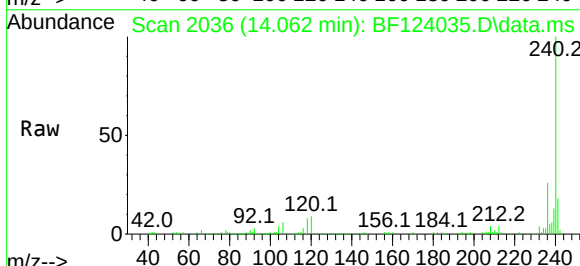
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BNA_F
ClientSampleId :
PB136585TB

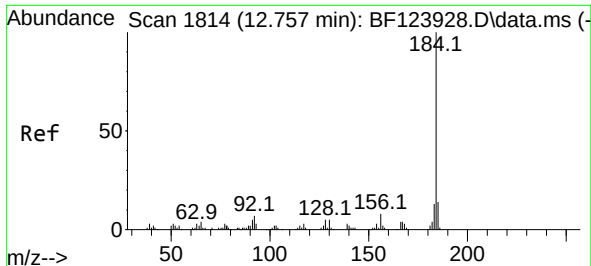
Tgt Ion:248 Resp: 15094
Ion Ratio Lower Upper
248 100
250 214.8 77.4 116.2#
141 562.6 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124035.D
Acq: 24 May 2021 13:21

Tgt Ion:240 Resp: 209103
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 26.0 19.0 28.4

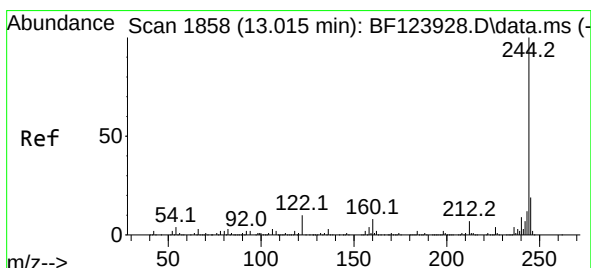
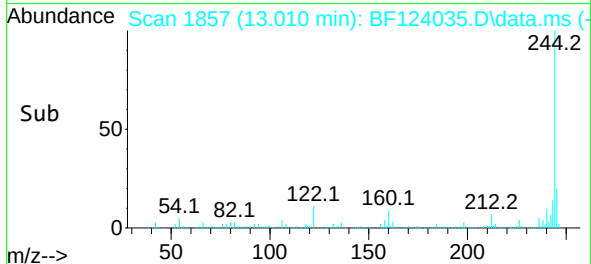
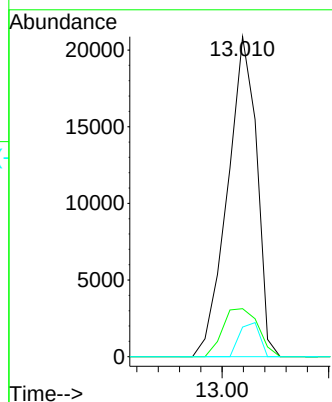
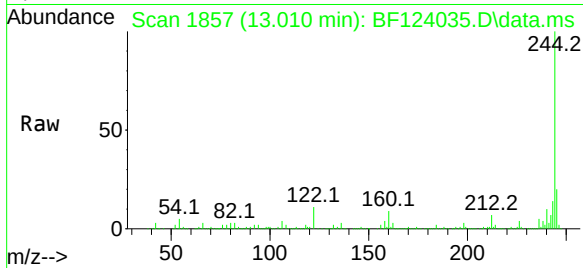




#77
Benzidine
Concen: 3.94 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.253 min
Lab File: BF124035.D
Acq: 24 May 2021 13:21

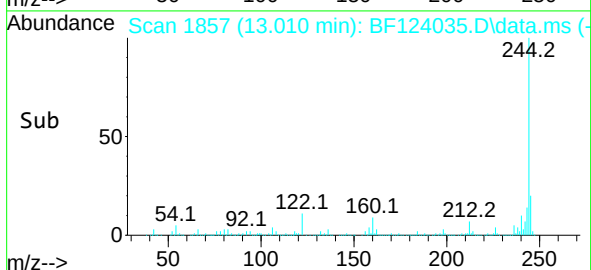
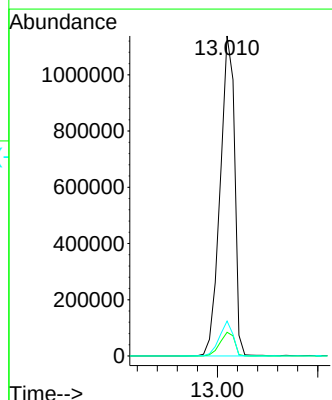
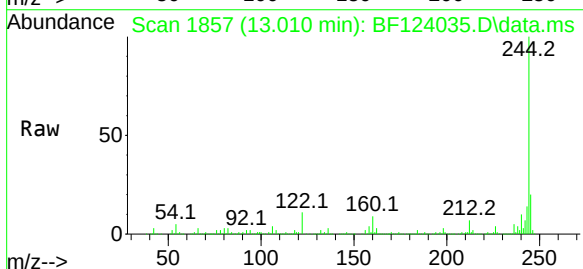
Instrument :
BNA_F
ClientSampleId :
PB136585TB

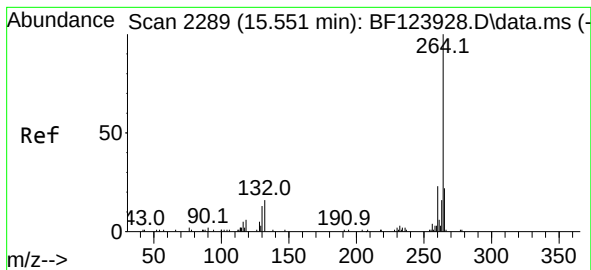
Tgt Ion:184 Resp: 19864
Ion Ratio Lower Upper
184 100
185 15.0 12.1 18.1
183 9.2 7.8 11.8



#79
Terphenyl-d14
Concen: 82.23 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF124035.D
Acq: 24 May 2021 13:21

Tgt Ion:244 Resp: 1135243
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.9 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. -0.000 min
 Lab File: BF124035.D
 Acq: 24 May 2021 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB136585TB

Tgt Ion:264 Resp: 166986
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.7 28.1
 265 20.7 17.8 26.8

