

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
 Data File : BF124464.D
 Acq On : 25 Jun 2021 21:55
 Operator : JU/CG
 Sample : M2829-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 15B-DUP-01

Quant Time: Jun 26 02:43:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 13:23:23 2021
 Response via : Initial Calibration

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

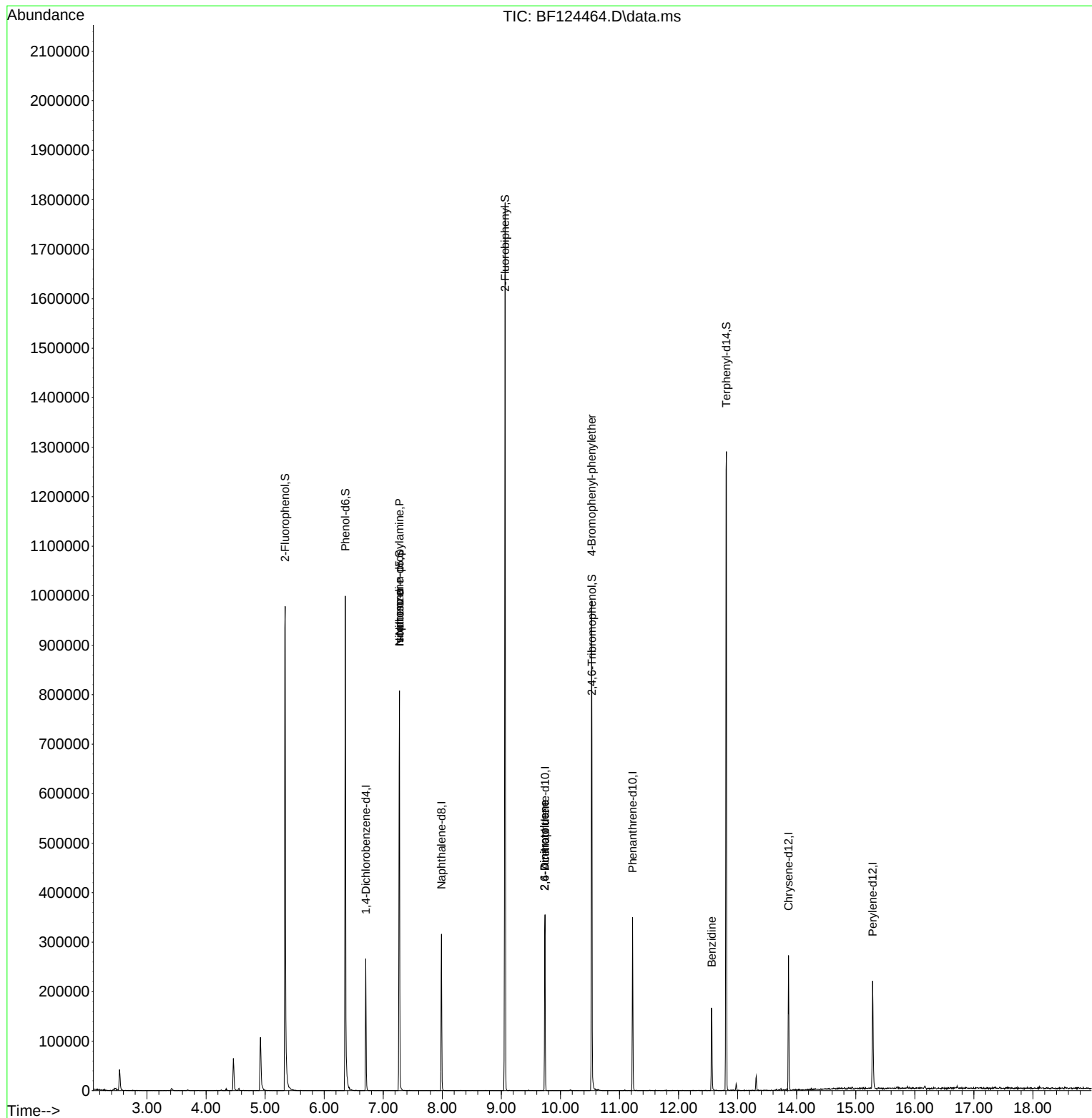
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	32981	20.000	ng	0.00
21) Naphthalene-d8	7.986	136	128596	20.000	ng	# 0.00
39) Acenaphthene-d10	9.739	164	69314	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	108878	20.000	ng	0.00
76) Chrysene-d12	13.863	240	84445	20.000	ng	0.00
86) Perylene-d12	15.286	264	86171	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	262305	125.079	ng	0.01
7) Phenol-d6	6.357	99	284707	103.977	ng	0.00
23) Nitrobenzene-d5	7.275	82	246889	79.603	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	102553	123.838	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	475039	83.954	ng	0.00
79) Terphenyl-d14	12.810	244	419298	74.370	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.275	70	35502	19.279	ng	# 62
25) Isophorone	7.275	82	246884	46.299	ng	# 69
51) 2,6-Dinitrotoluene	9.733	165	9583	7.591	ng	# 10
57) 2,4-Dinitrotoluene	9.733	165	9583	5.727	ng	# 15
67) 4-Bromophenyl-phenylether	10.527	248	6627	4.524	ng	# 1
77) Benzydine	12.563	184	63170	37.326	ng	# 91

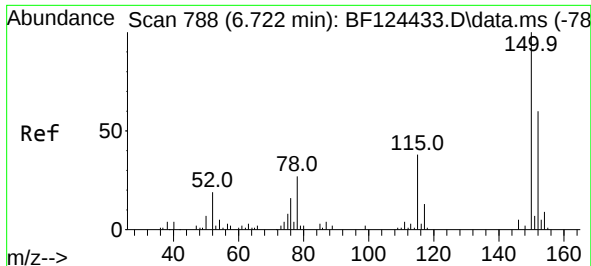
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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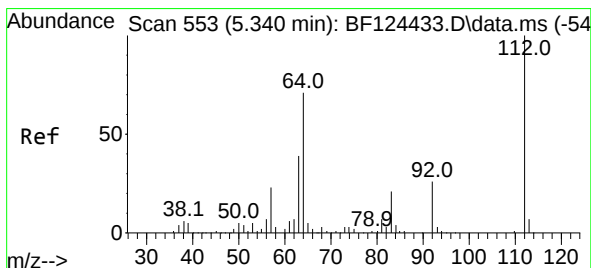
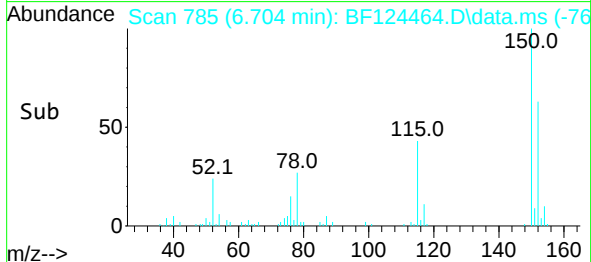
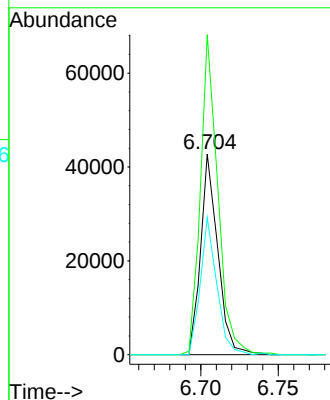
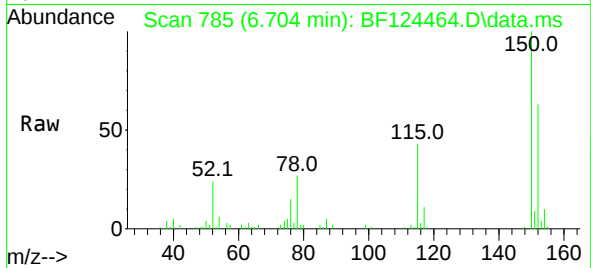




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF124464.D
Acq: 25 Jun 2021 21:55

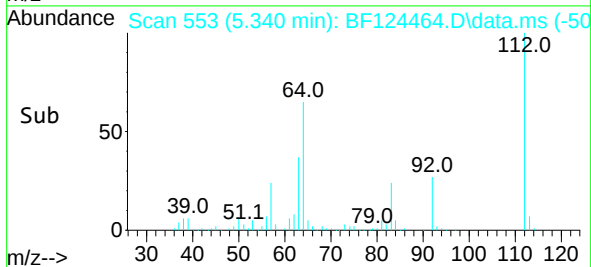
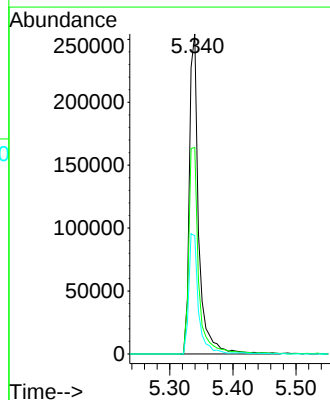
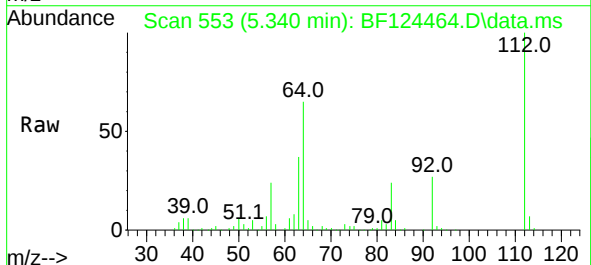
Instrument :
BNA_F
ClientSampleId :
15B-DUP-01

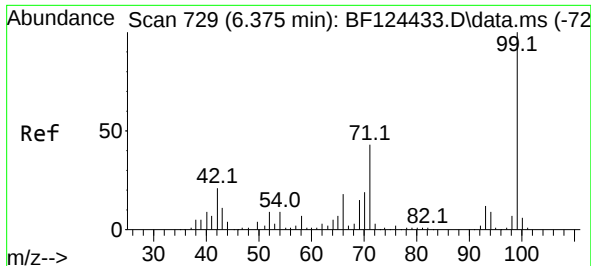
Tgt Ion:152 Resp: 32981
Ion Ratio Lower Upper
152 100
150 159.4 127.0 190.6
115 68.3 54.3 81.5



#5
2-Fluorophenol
Concen: 125.079 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF124464.D
Acq: 25 Jun 2021 21:55

Tgt Ion:112 Resp: 262305
Ion Ratio Lower Upper
112 100
64 64.5 61.4 92.0
63 37.0 33.0 49.4

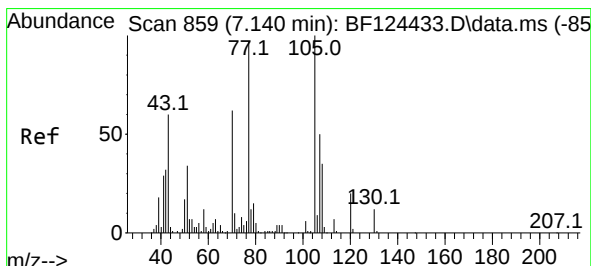
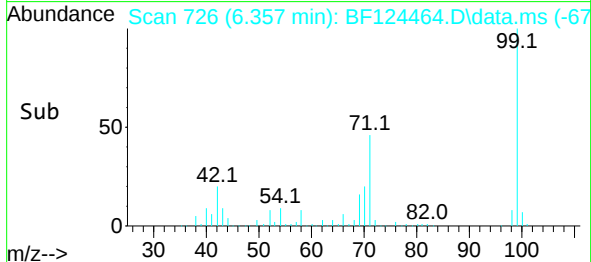
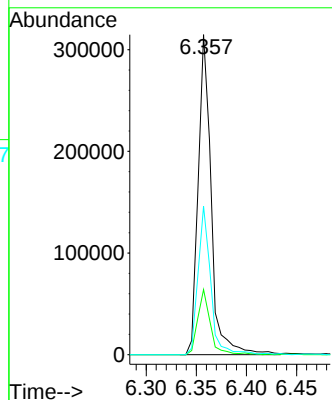
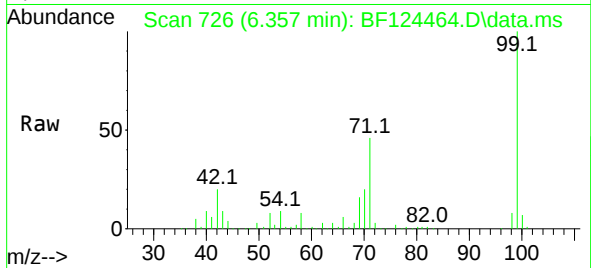




#7
Phenol-d6
Concen: 103.977 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF124464.D
Acq: 25 Jun 2021 21:55

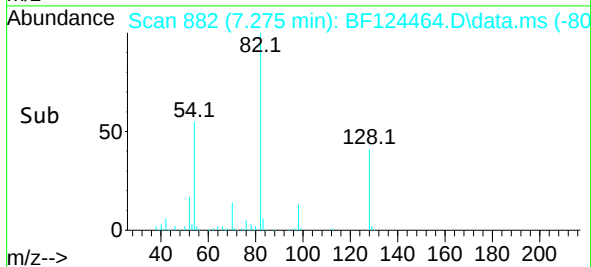
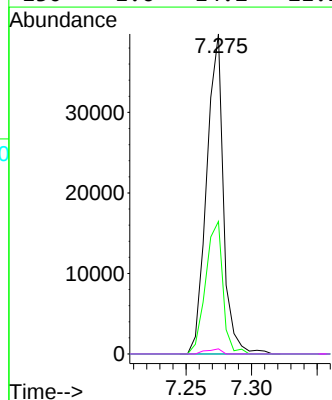
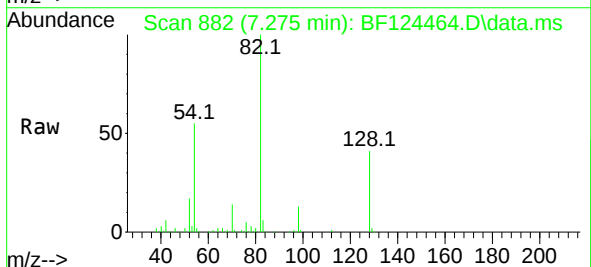
Instrument :
BNA_F
ClientSampleId :
15B-DUP-01

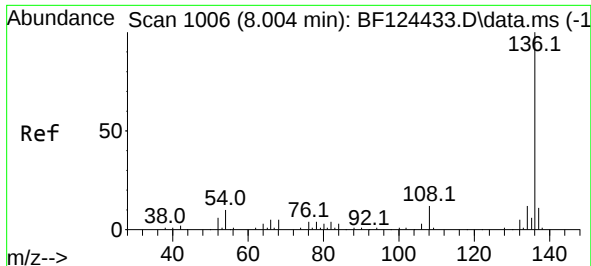
Tgt Ion: 99 Resp: 284707
Ion Ratio Lower Upper
99 100
42 20.3 19.8 29.8
71 46.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.279 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.147 min
Lab File: BF124464.D
Acq: 25 Jun 2021 21:55

Tgt Ion: 70 Resp: 35502
Ion Ratio Lower Upper
70 100
42 41.4 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#

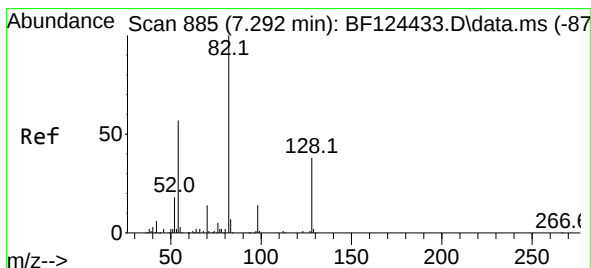
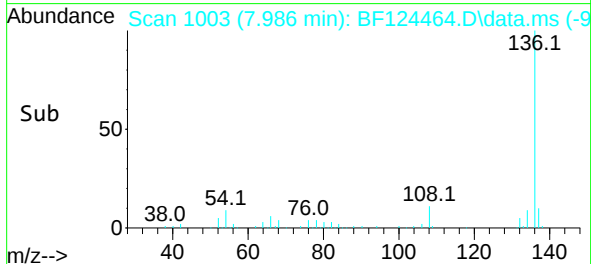
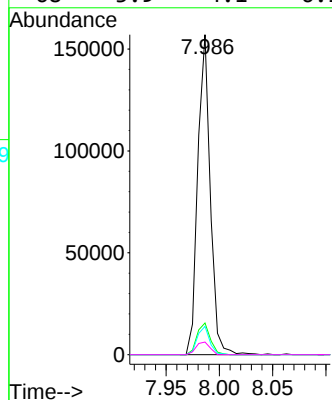
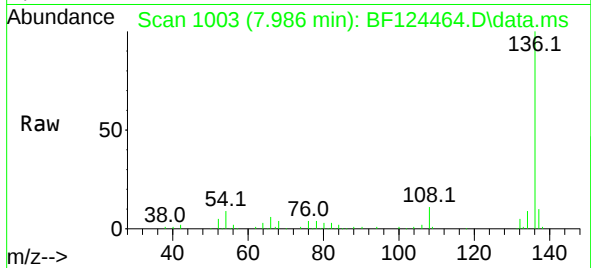




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF124464.D
Acq: 25 Jun 2021 21:55

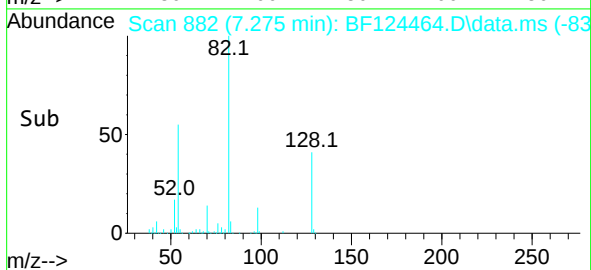
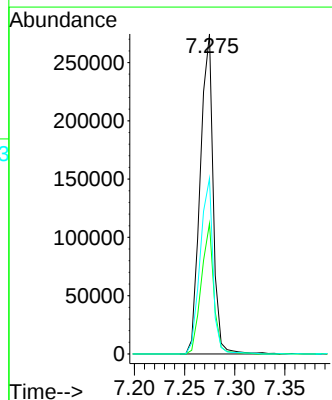
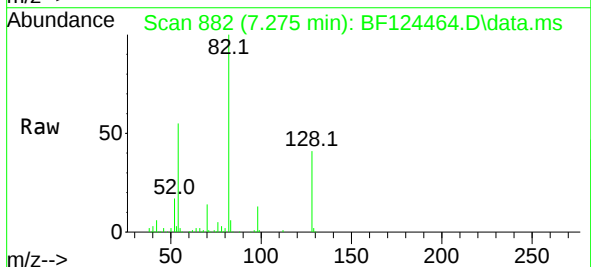
Instrument :
BNA_F
ClientSampleId :
15B-DUP-01

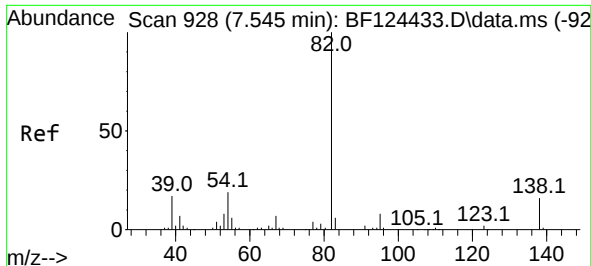
Tgt Ion:136	Resp:	128596
Ion Ratio	Lower	Upper
136	100	
137	9.9	8.7 13.1
54	8.8	9.8 14.6#
68	3.9	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 79.603 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF124464.D
Acq: 25 Jun 2021 21:55

Tgt Ion: 82	Resp:	246889
Ion Ratio	Lower	Upper
82	100	
128	40.8	29.4 44.2
54	54.8	54.1 81.1

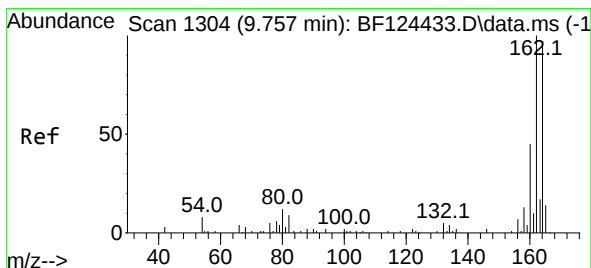
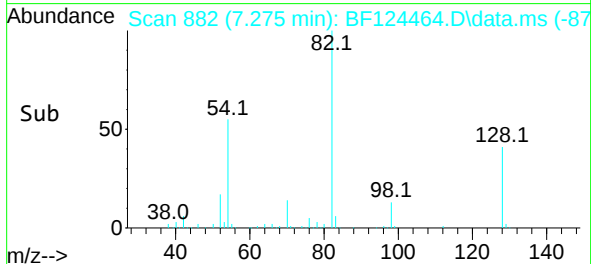
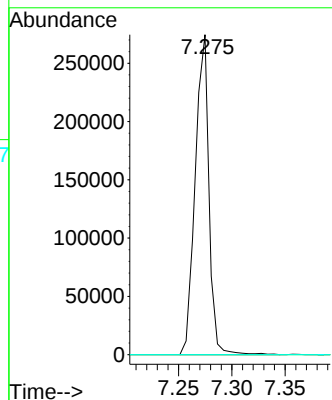
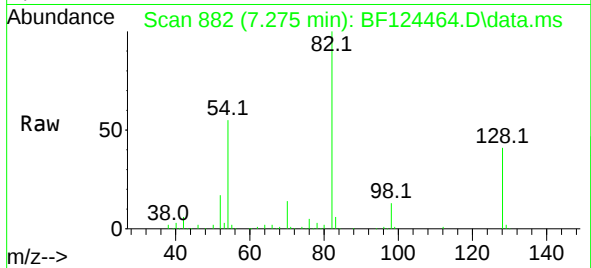




#25
Isophorone
Concen: 46.299 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.259 min
Lab File: BF124464.D
Acq: 25 Jun 2021 21:55

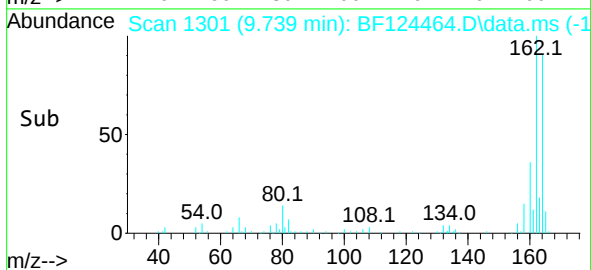
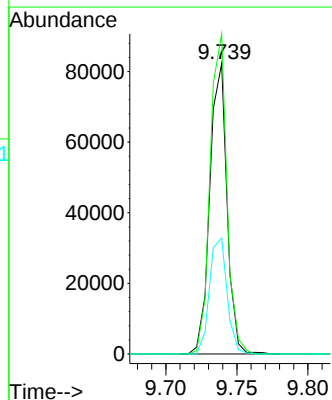
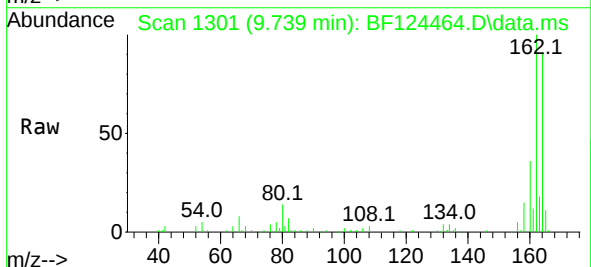
Instrument :
BNA_F
ClientSampleId :
15B-DUP-01

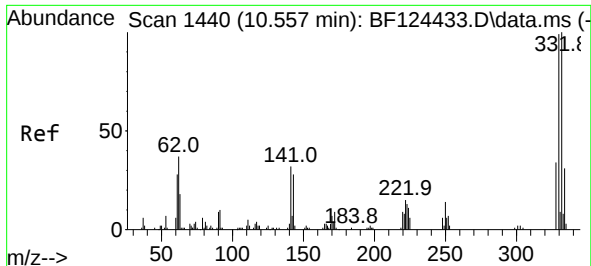
Tgt Ion: 82 Resp: 246884
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF124464.D
Acq: 25 Jun 2021 21:55

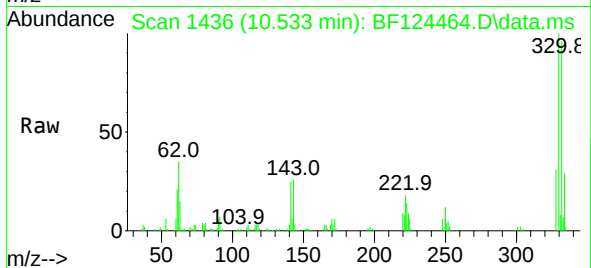
Tgt Ion: 164 Resp: 69314
Ion Ratio Lower Upper
164 100
162 110.2 80.7 121.1
160 40.0 37.3 55.9



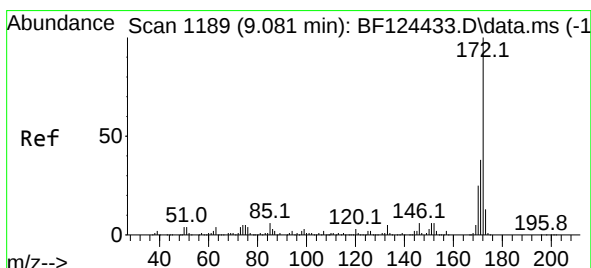
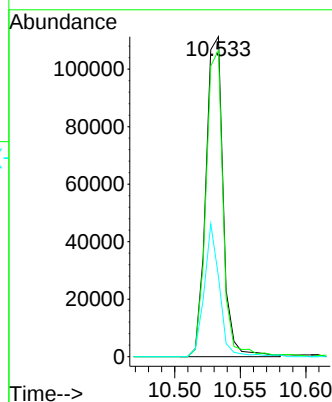
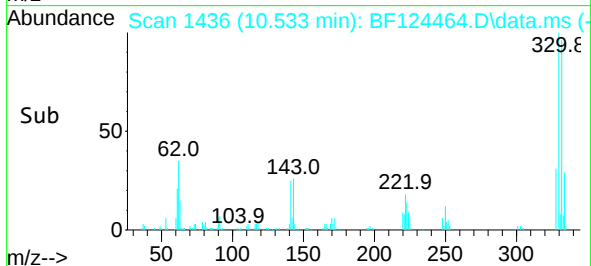


#42
2,4,6-Tribromophenol
Concen: 123.838 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF124464.D
Acq: 25 Jun 2021 21:55

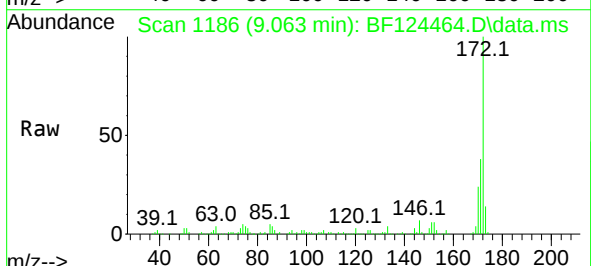
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ClientSampleId :
15B-DUP-01



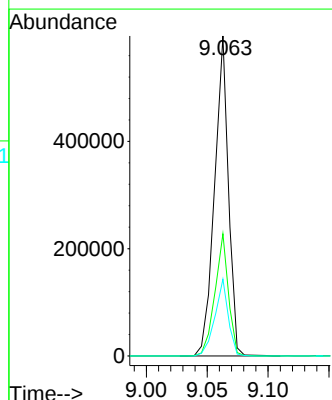
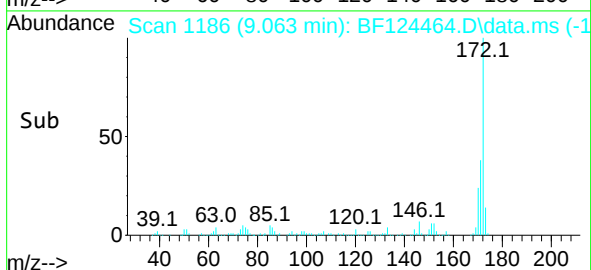
Tgt Ion: 330 Resp: 102553
Ion Ratio Lower Upper
330 100
332 95.2 77.1 115.7
141 36.7 27.9 41.9

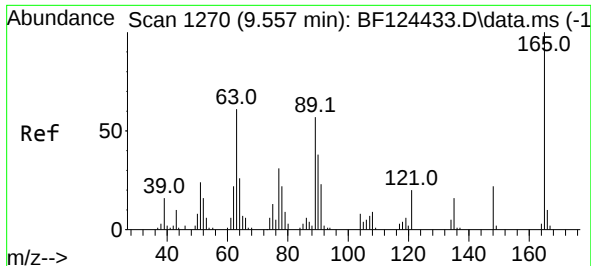


#45
2-Fluorobiphenyl
Concen: 83.954 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF124464.D
Acq: 25 Jun 2021 21:55



Tgt Ion: 172 Resp: 475039
Ion Ratio Lower Upper
172 100
171 38.2 28.1 42.1
170 24.0 19.2 28.8

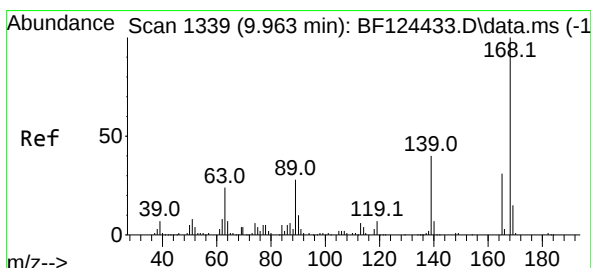
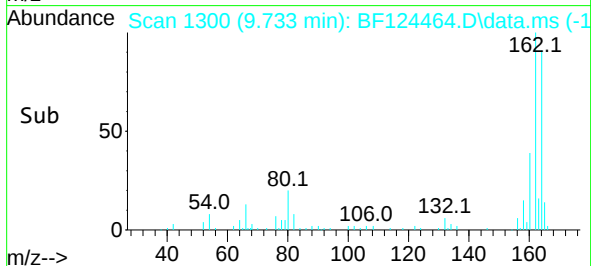
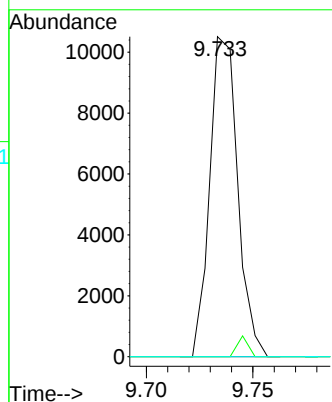
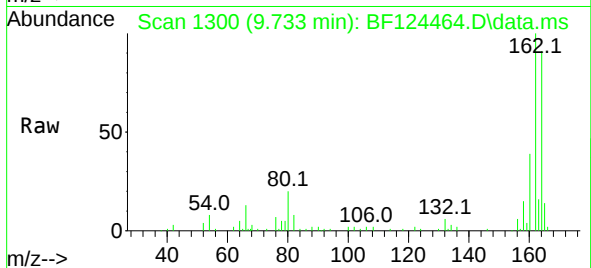




#51
2,6-Dinitrotoluene
Concen: 7.591 ng
RT: 9.733 min Scan# 1300
Delta R.T. 0.194 min
Lab File: BF124464.D
Acq: 25 Jun 2021 21:55

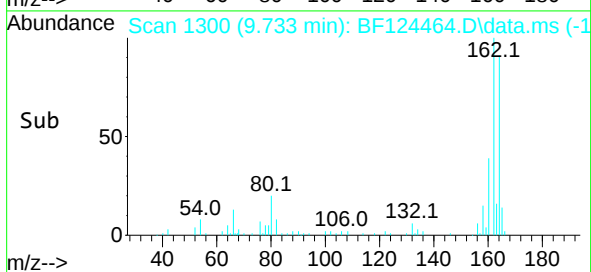
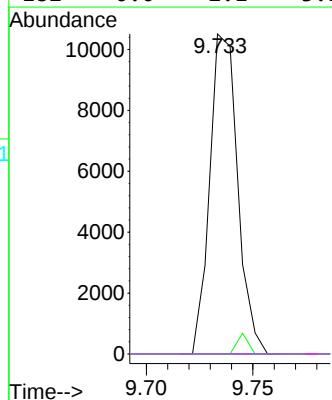
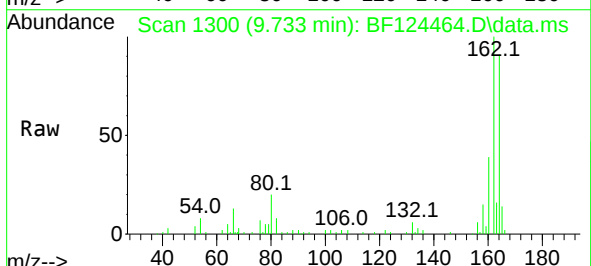
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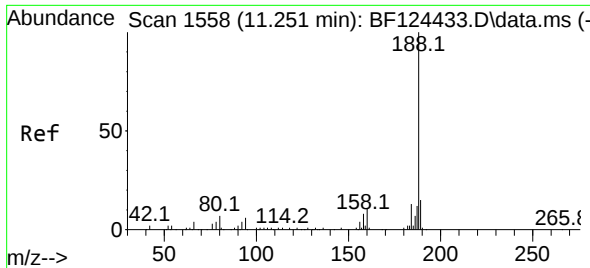
Tgt Ion:165 Resp: 9583
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.727 ng
RT: 9.733 min Scan# 1300
Delta R.T. -0.212 min
Lab File: BF124464.D
Acq: 25 Jun 2021 21:55

Tgt Ion:165 Resp: 9583
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

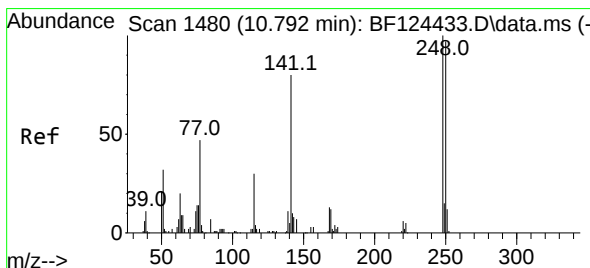
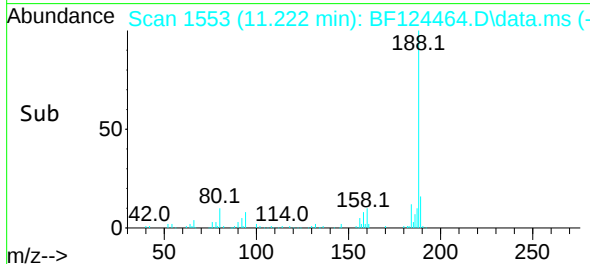
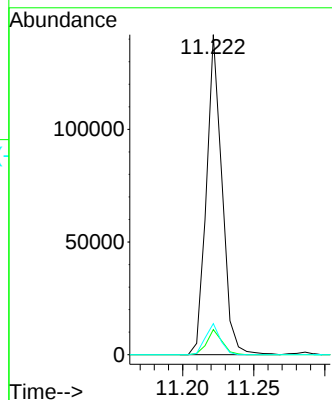
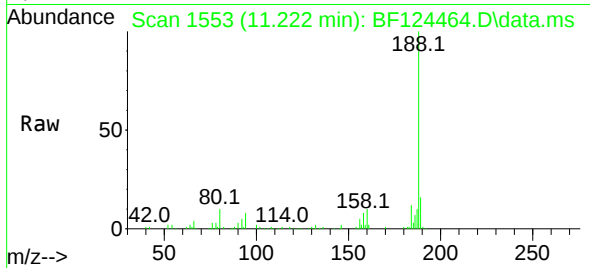




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF124464.D
Acq: 25 Jun 2021 21:55

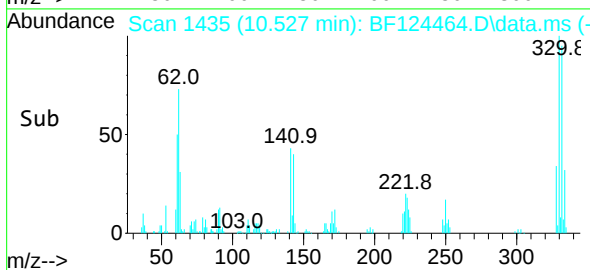
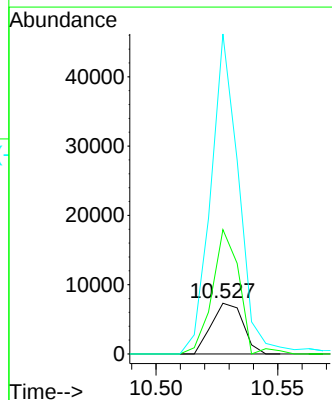
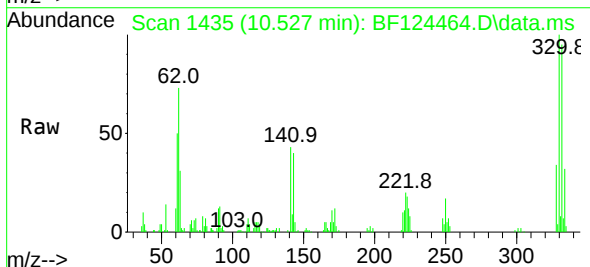
Instrument :
BNA_F
ClientSampleId :
15B-DUP-01

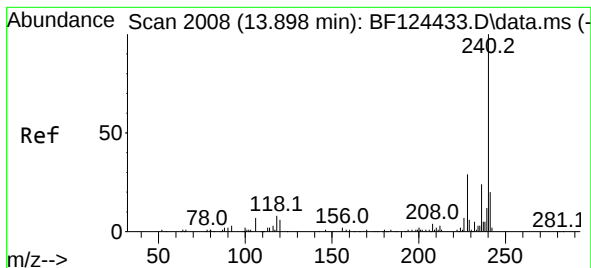
Tgt Ion:188 Resp: 108878
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.7 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.524 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF124464.D
Acq: 25 Jun 2021 21:55

Tgt Ion:248 Resp: 6627
Ion Ratio Lower Upper
248 100
250 245.1 77.4 116.2#
141 631.2 63.7 95.5#

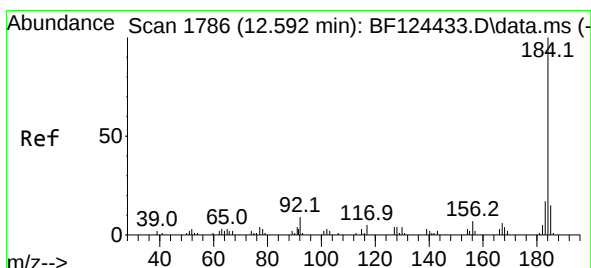
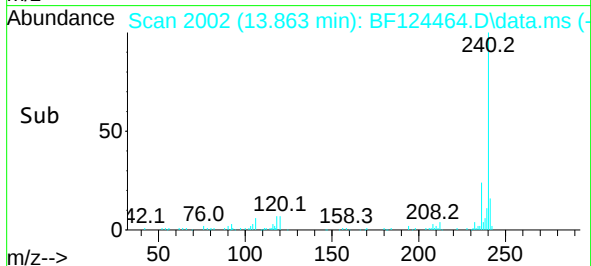
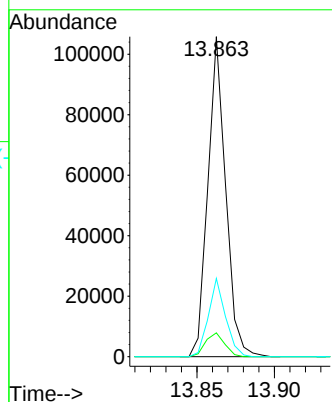
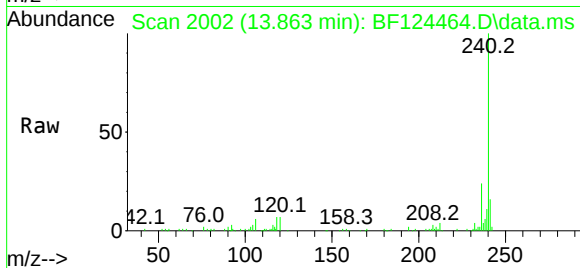




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF124464.D
Acq: 25 Jun 2021 21:55

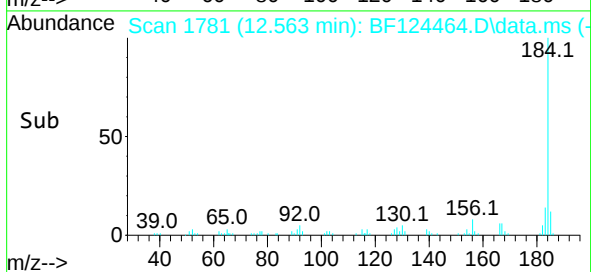
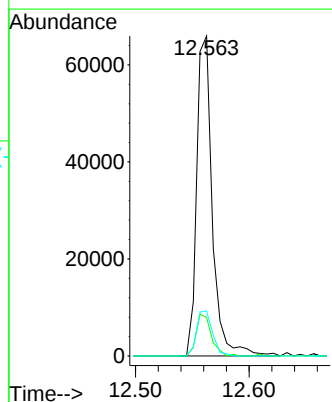
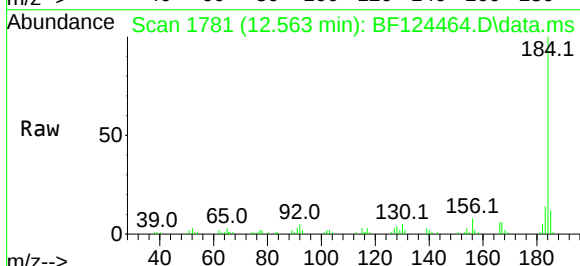
Instrument :
BNA_F
ClientSampleId :
15B-DUP-01

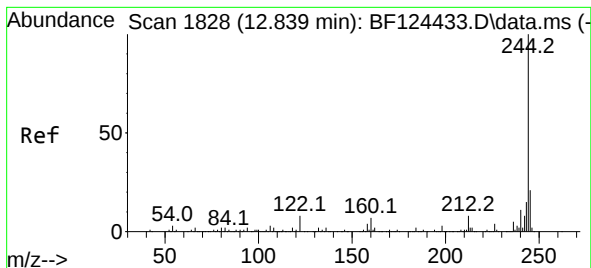
Tgt Ion:240 Resp: 84445
Ion Ratio Lower Upper
240 100
120 7.4 7.2 10.8
236 24.5 19.0 28.4



#77
Benzidine
Concen: 37.326 ng
RT: 12.563 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BF124464.D
Acq: 25 Jun 2021 21:55

Tgt Ion:184 Resp: 63170
Ion Ratio Lower Upper
184 100
185 12.0 12.1 18.1#
183 14.0 7.8 11.8#





#79

Terphenyl-d14

Concen: 74.370 ng

RT: 12.810 min Scan# 1823

Delta R.T. 0.000 min

Lab File: BF124464.D

Acq: 25 Jun 2021 21:55

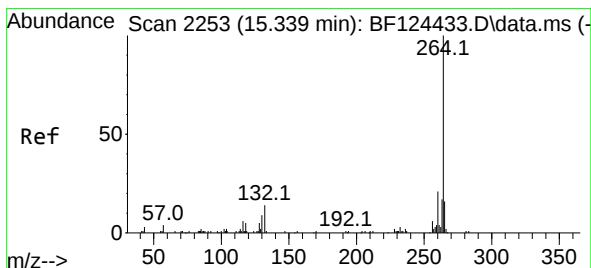
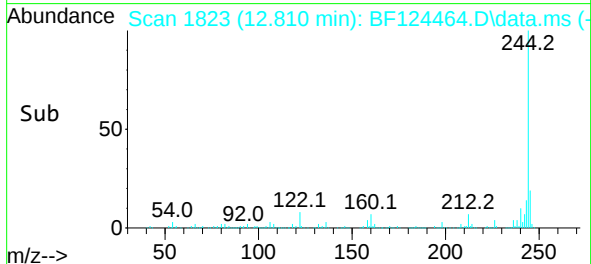
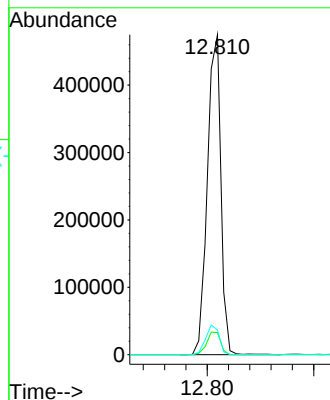
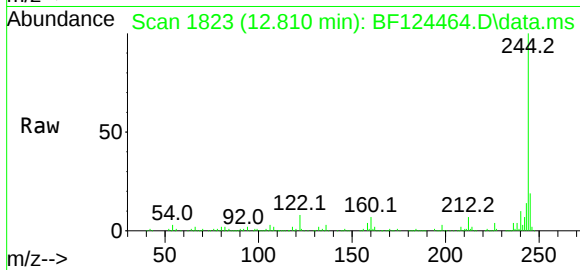
Tgt Ion:244 Resp: 419298

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 7.7 9.7 14.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.286 min Scan# 2244

Delta R.T. -0.006 min

Lab File: BF124464.D

Acq: 25 Jun 2021 21:55

Tgt Ion:264 Resp: 86171

Ion Ratio Lower Upper

264 100

260 21.4 18.7 28.1

265 23.0 17.8 26.8

