

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052721\
 Data File : BF124101.D
 Acq On : 27 May 2021 19:59
 Operator : JU/CG
 Sample : M2542-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-074

Quant Time: May 28 03:06:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 13:12:25 2021
 Response via : Initial Calibration

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

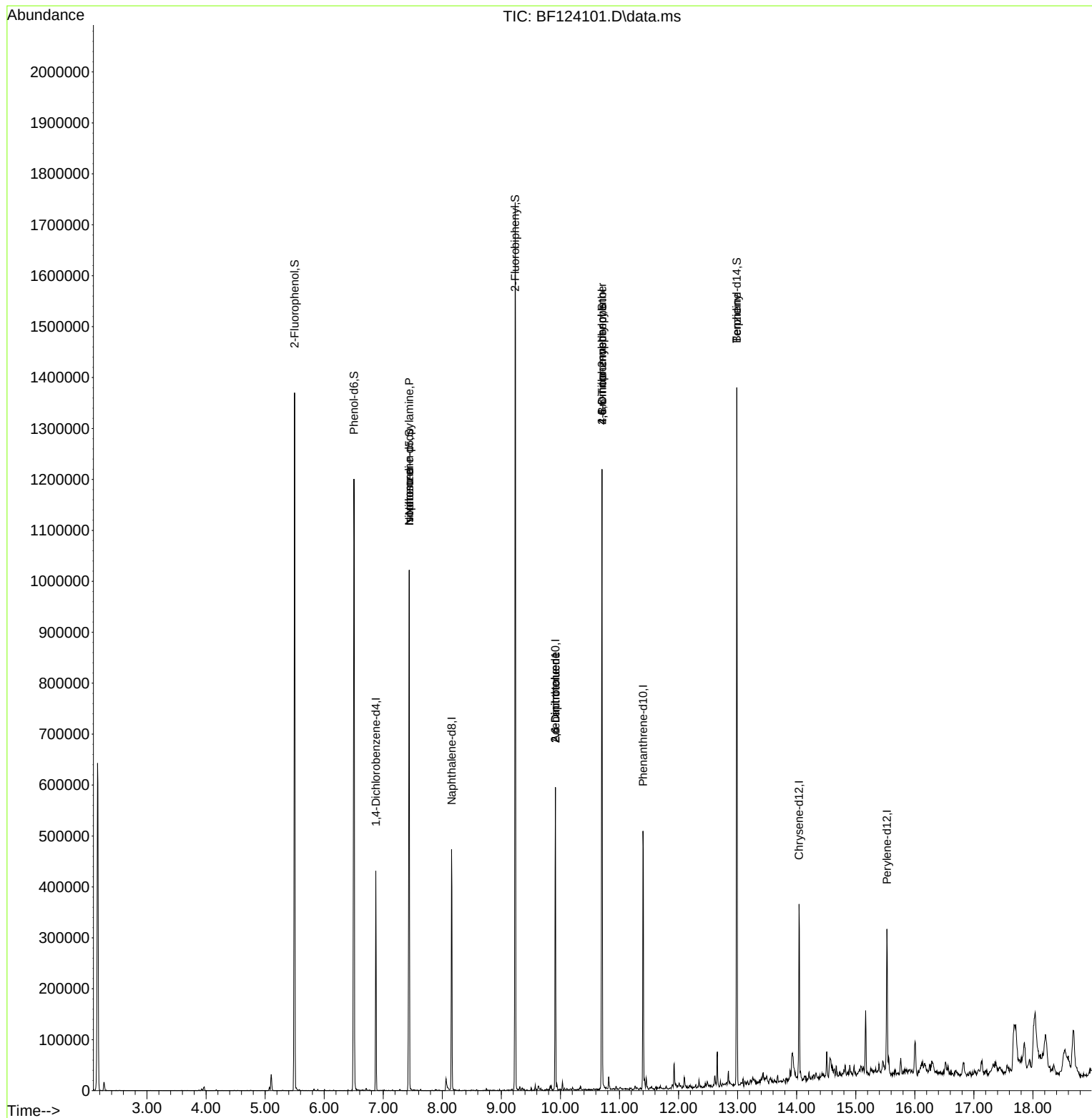
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	47461	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	182189	20.00	ng	# 0.00
39) Acenaphthene-d10	9.916	164	101537	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	167533	20.00	ng	# 0.00
76) Chrysene-d12	14.039	240	104081	20.00	ng	# 0.00
86) Perylene-d12	15.527	264	108715	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	300829	88.99	ng	0.00
7) Phenol-d6	6.504	99	382956	87.33	ng	0.00
23) Nitrobenzene-d5	7.439	82	290740	68.76	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	122488	100.44	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	474197	57.47	ng	0.00
79) Terphenyl-d14	12.986	244	373868	54.40	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	43796	14.78	ng	# 68
25) Isophorone	7.439	82	290737	35.74	ng	# 69
51) 2,6-Dinitrotoluene	9.916	165	13977	8.52	ng	# 12
57) 2,4-Dinitrotoluene	9.916	165	13977	6.95	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.704	198	244	5.64	ng	# 29
67) 4-Bromophenyl-phenylether	10.704	248	8589	3.90	ng	# 1
77) Benzidine	12.986	184	6637	2.64	ng	# 88

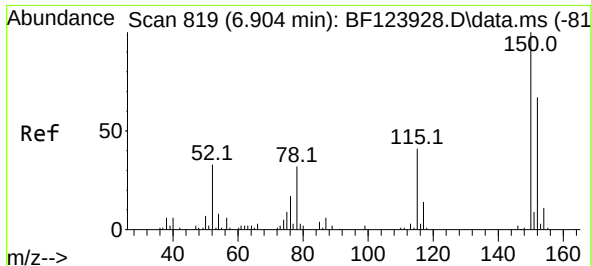
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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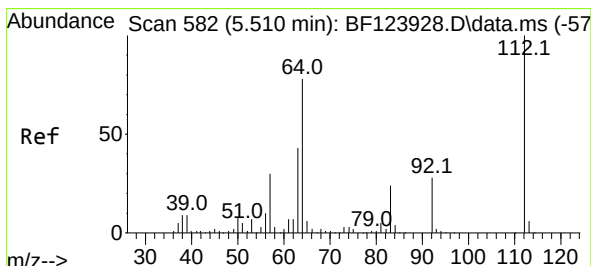
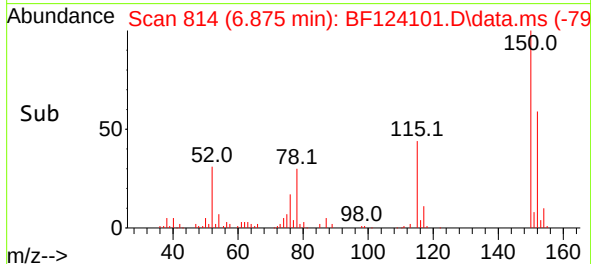
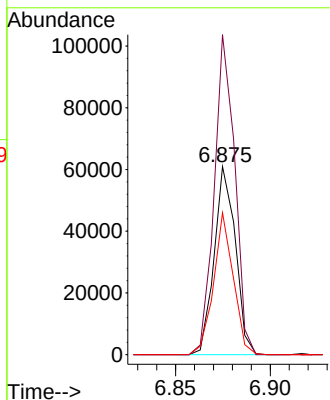
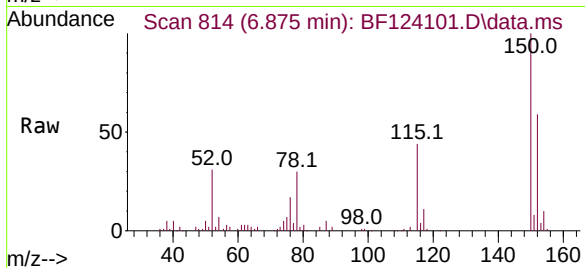




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF124101.D
Acq: 27 May 2021 19:59

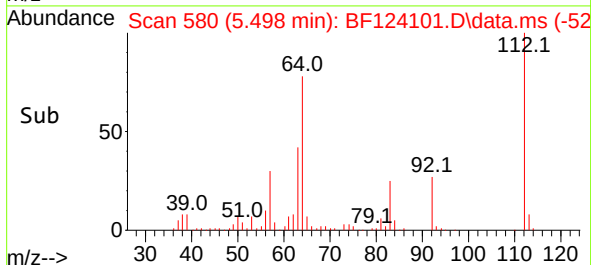
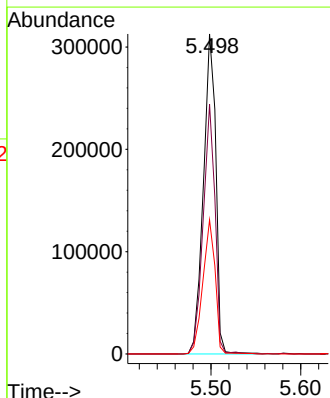
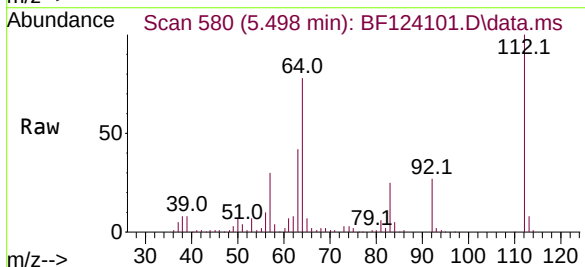
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-074

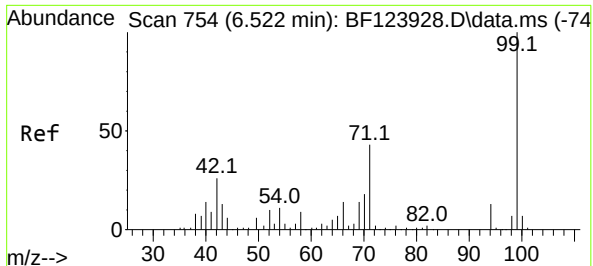
Tgt Ion:152 Resp: 47461
Ion Ratio Lower Upper
152 100
150 170.1 127.0 190.6
115 75.4 54.3 81.5



#5
2-Fluorophenol
Concen: 88.99 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF124101.D
Acq: 27 May 2021 19:59

Tgt Ion:112 Resp: 300829
Ion Ratio Lower Upper
112 100
64 78.1 61.4 92.0
63 41.9 33.0 49.4

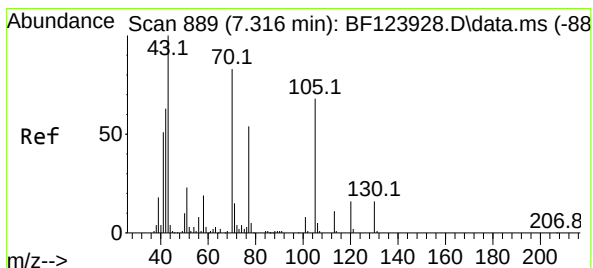
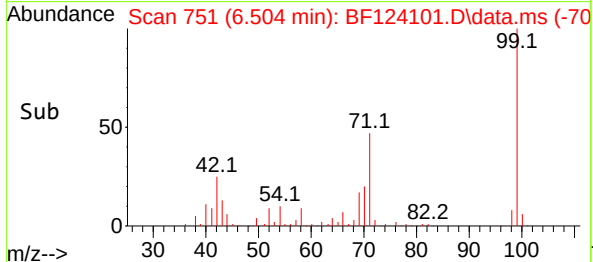
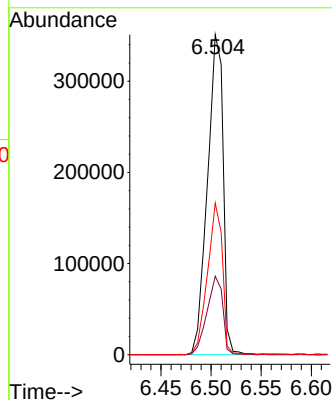
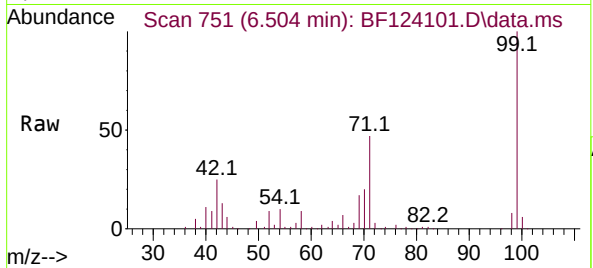




#7
Phenol-d6
Concen: 87.33 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124101.D
Acq: 27 May 2021 19:59

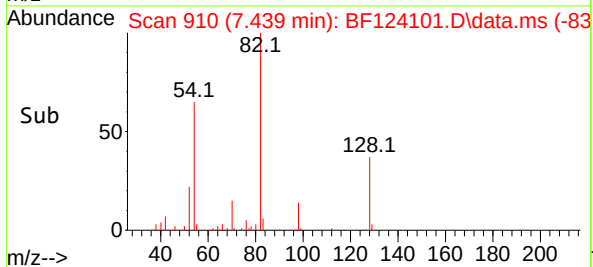
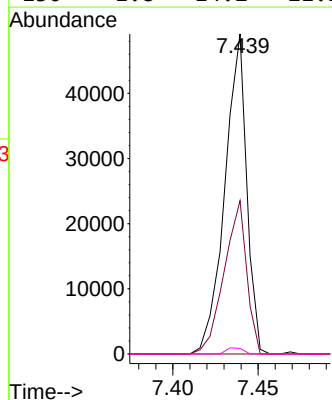
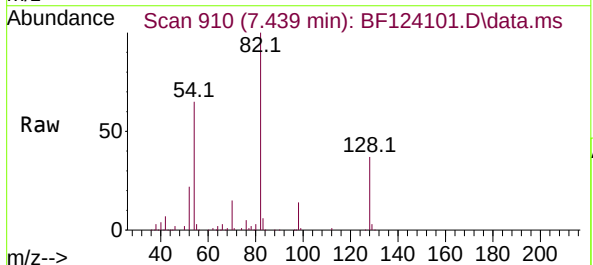
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-074

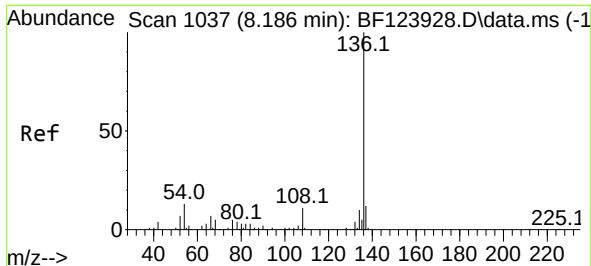
Tgt Ion: 99 Resp: 382956
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.8
71 47.4 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 14.78 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF124101.D
Acq: 27 May 2021 19:59

Tgt Ion: 70 Resp: 43796
Ion Ratio Lower Upper
70 100
42 47.9 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#

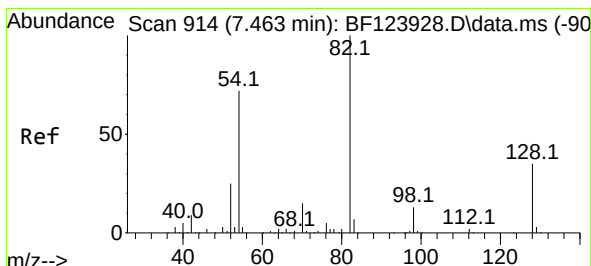
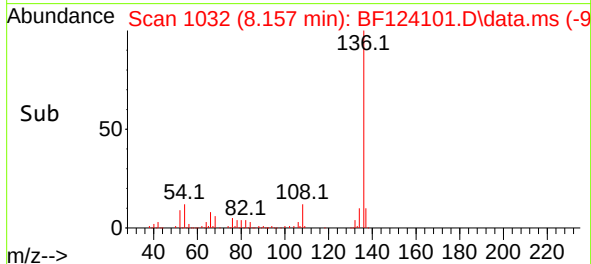
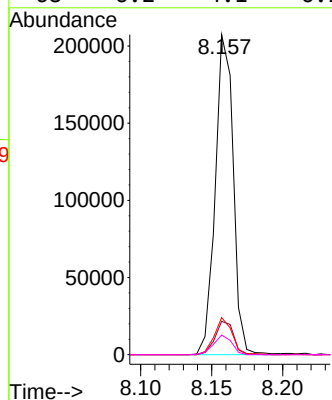
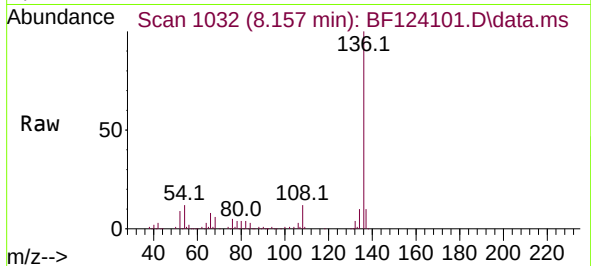




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF124101.D
Acq: 27 May 2021 19:59

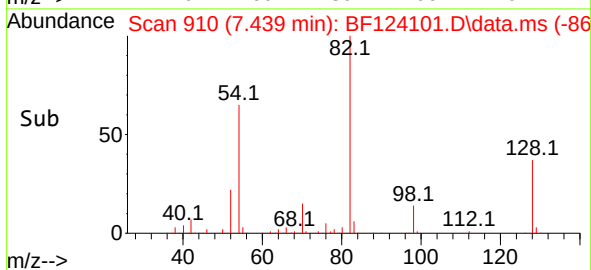
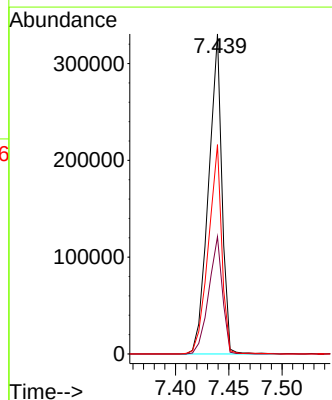
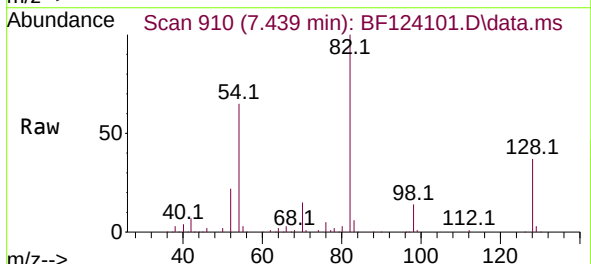
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-074

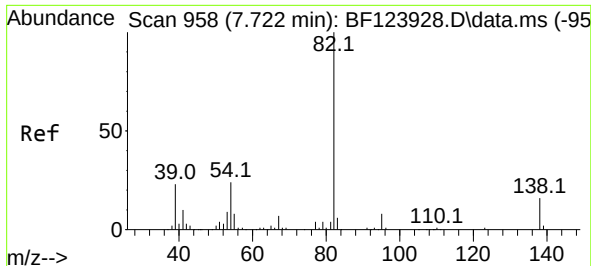
Tgt Ion:	136	Resp:	182189
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.7	13.1
54	11.6	9.8	14.6
68	6.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 68.76 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF124101.D
Acq: 27 May 2021 19:59

Tgt Ion:	82	Resp:	290740
Ion Ratio	Lower	Upper	
82	100		
128	36.7	29.4	44.2
54	65.4	54.1	81.1

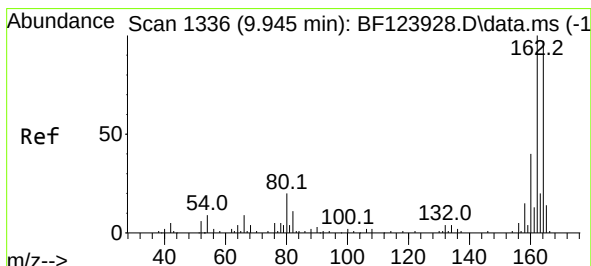
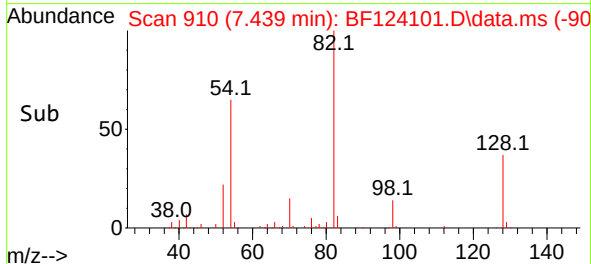
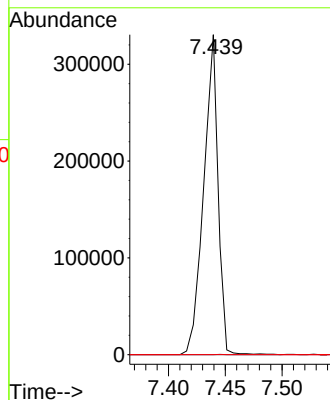
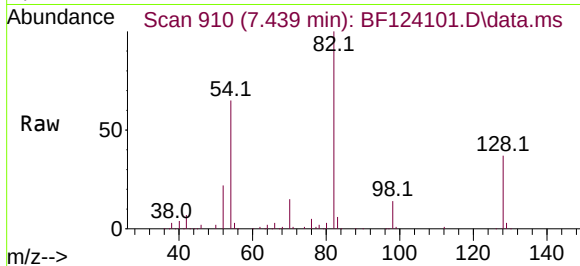




#25
Isophorone
Concen: 35.74 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.259 min
Lab File: BF124101.D
Acq: 27 May 2021 19:59

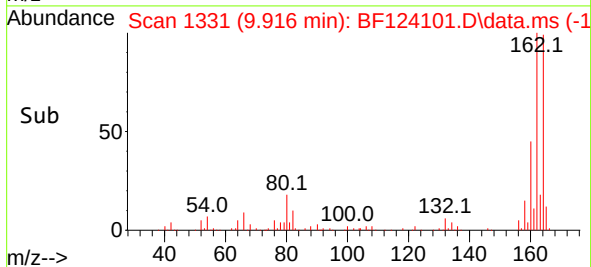
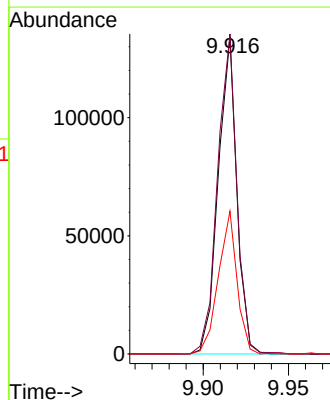
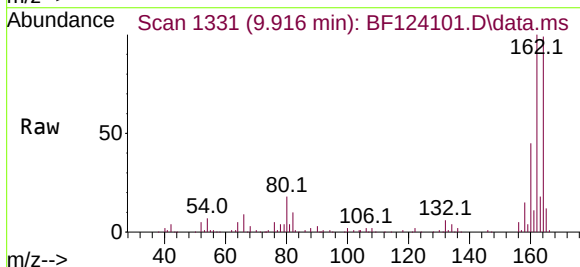
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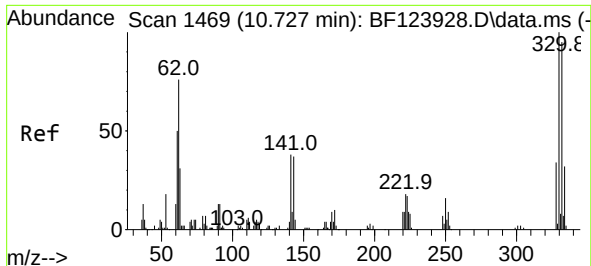
Tgt Ion: 82 Resp: 290737
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF124101.D
Acq: 27 May 2021 19:59

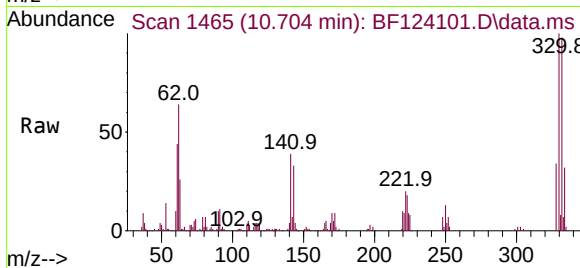
Tgt Ion: 164 Resp: 101537
Ion Ratio Lower Upper
164 100
162 100.9 80.7 121.1
160 45.0 37.3 55.9



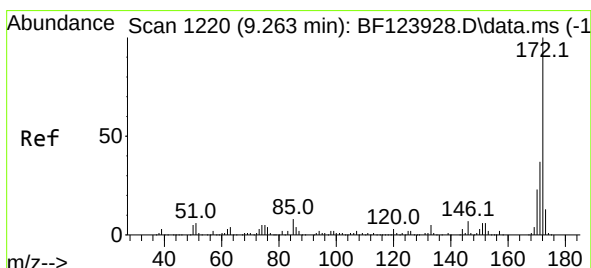
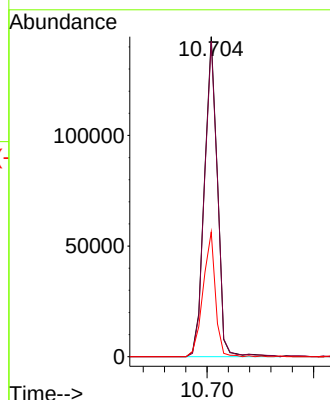
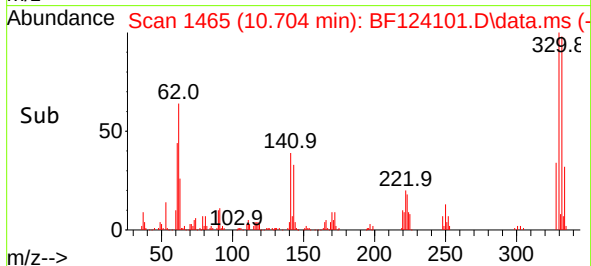


#42
2,4,6-Tribromophenol
Concen: 100.44 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124101.D
Acq: 27 May 2021 19:59

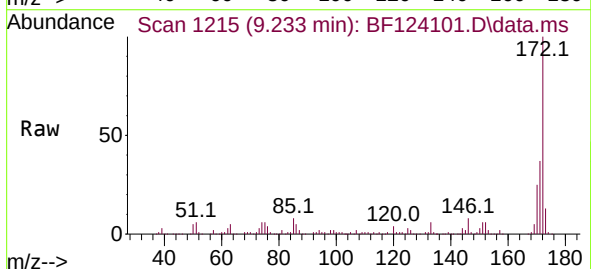
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ClientSampleId :
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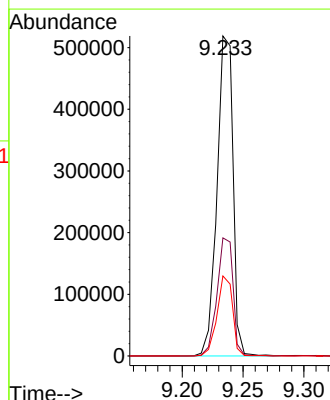
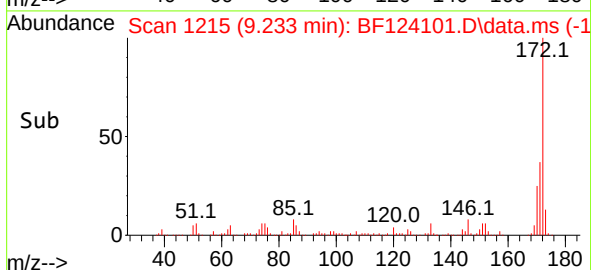
Tgt Ion: 330 Resp: 122488
Ion Ratio Lower Upper
330 100
332 98.7 77.1 115.7
141 37.1 27.9 41.9

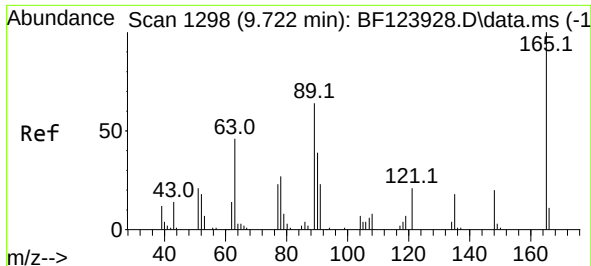


#45
2-Fluorobiphenyl
Concen: 57.47 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF124101.D
Acq: 27 May 2021 19:59



Tgt Ion: 172 Resp: 474197
Ion Ratio Lower Upper
172 100
171 36.9 28.1 42.1
170 25.0 19.2 28.8

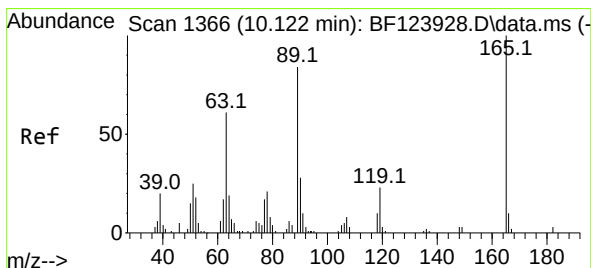
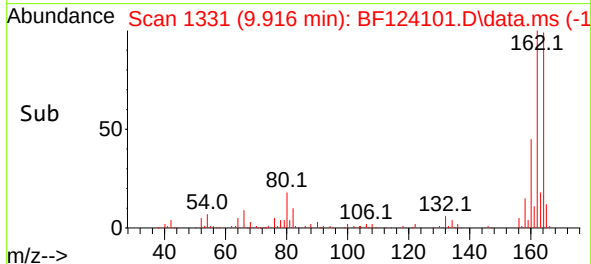
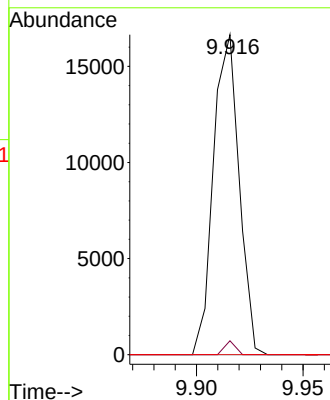
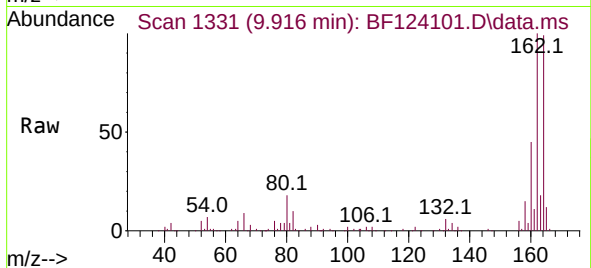




#51
2,6-Dinitrotoluene
Concen: 8.52 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.218 min
Lab File: BF124101.D
Acq: 27 May 2021 19:59

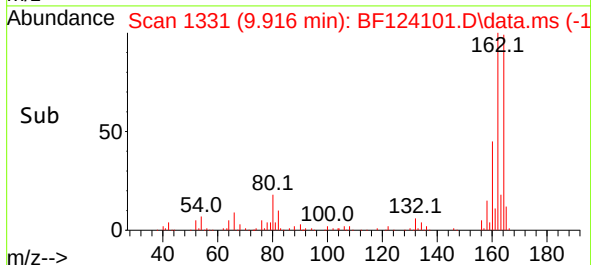
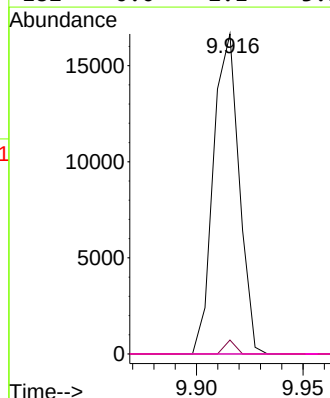
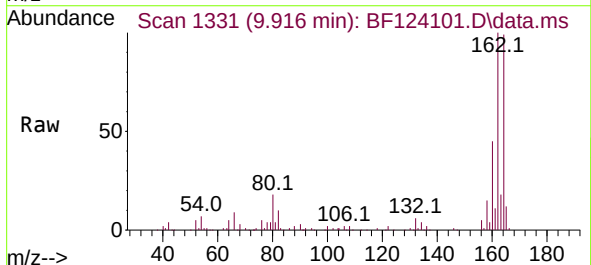
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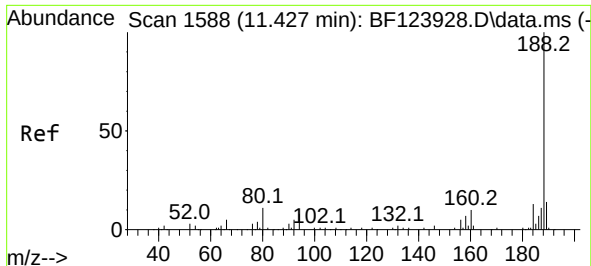
Tgt Ion:165 Resp: 13977
Ion Ratio Lower Upper
165 100
63 4.4 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.95 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF124101.D
Acq: 27 May 2021 19:59

Tgt Ion:165 Resp: 13977
Ion Ratio Lower Upper
165 100
63 4.4 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

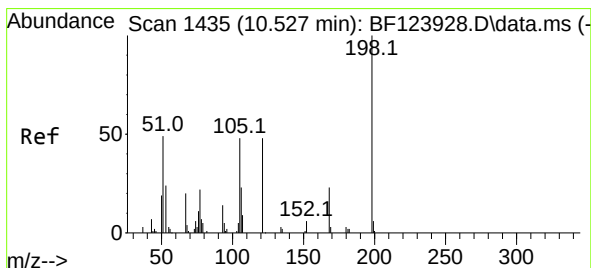
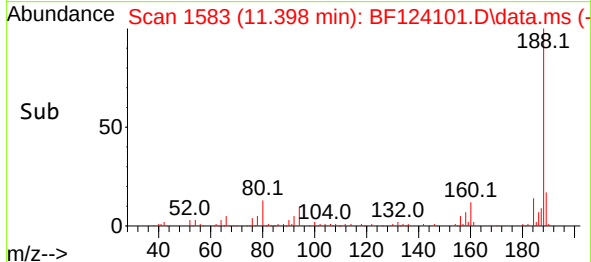
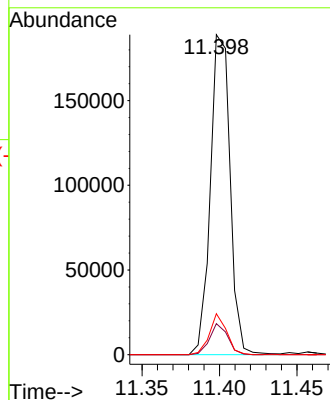
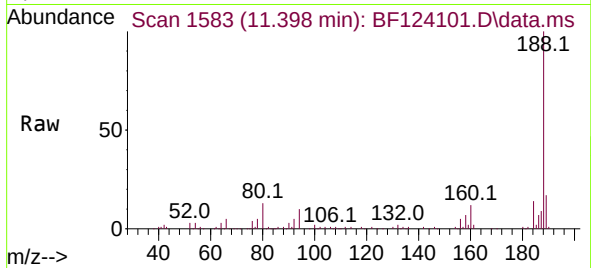




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124101.D
Acq: 27 May 2021 19:59

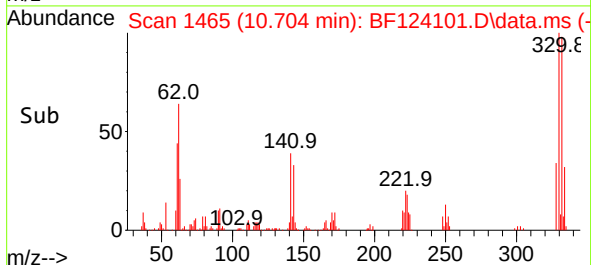
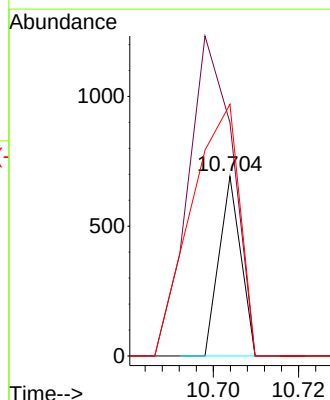
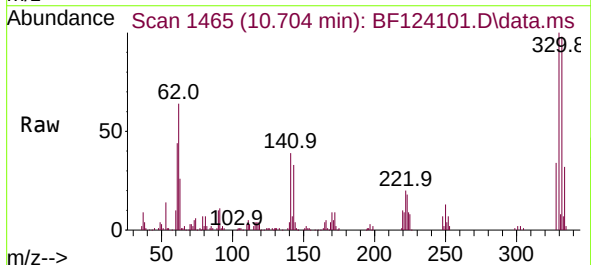
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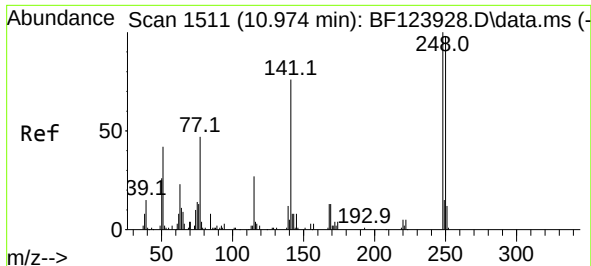
Tgt Ion:188 Resp: 167533
Ion Ratio Lower Upper
188 100
94 9.7 6.9 10.3
80 12.8 8.2 12.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.64 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.194 min
Lab File: BF124101.D
Acq: 27 May 2021 19:59

Tgt Ion:198 Resp: 244
Ion Ratio Lower Upper
198 100
51 129.9 64.8 104.8#
105 140.2 42.6 82.6#

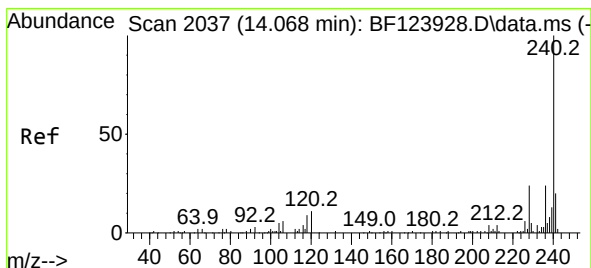
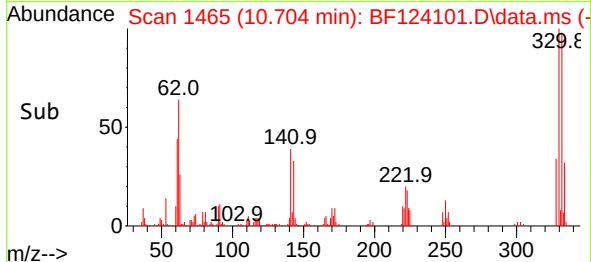
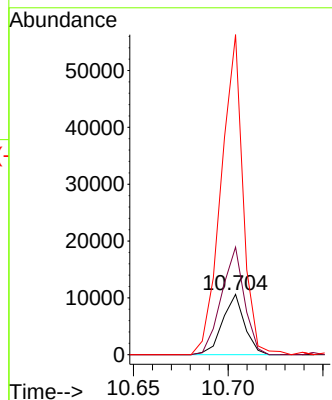
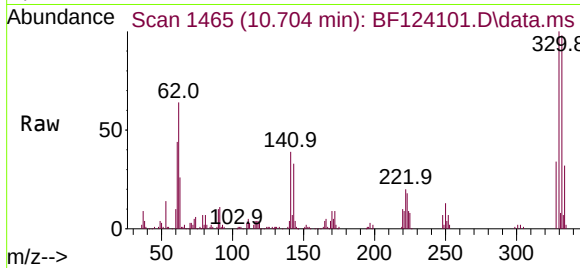




#67
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF124101.D
Acq: 27 May 2021 19:59

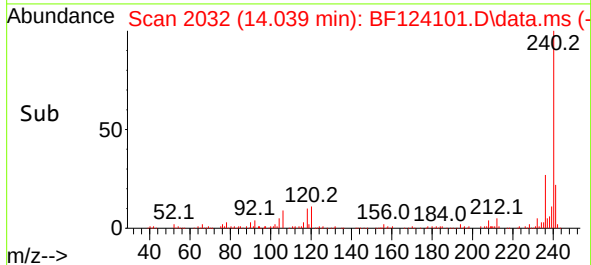
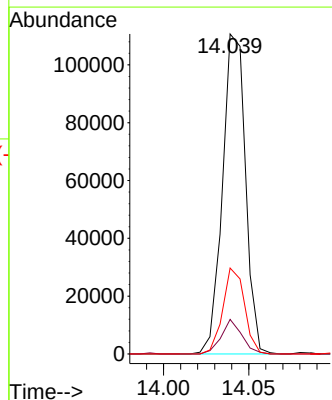
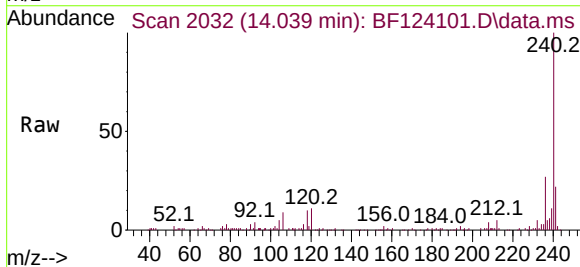
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-074

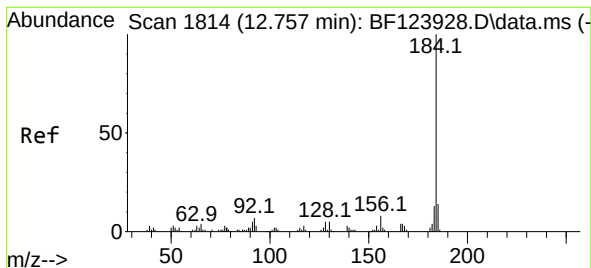
Tgt Ion:248 Resp: 8589
Ion Ratio Lower Upper
248 100
250 178.3 77.4 116.2#
141 530.8 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF124101.D
Acq: 27 May 2021 19:59

Tgt Ion:240 Resp: 104081
Ion Ratio Lower Upper
240 100
120 10.8 7.2 10.8#
236 26.9 19.0 28.4





#77

Benzidine

Concen: 2.64 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.253 min

Lab File: BF124101.D

Acq: 27 May 2021 19:59

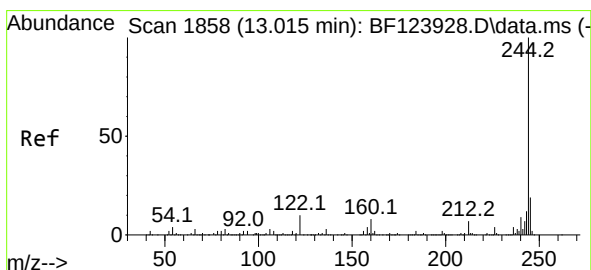
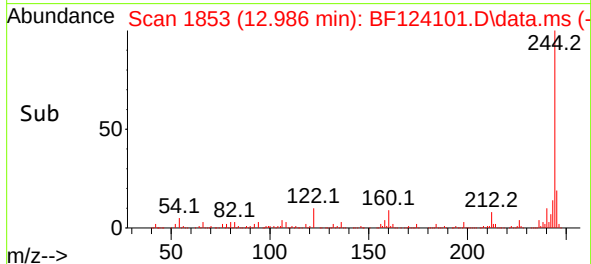
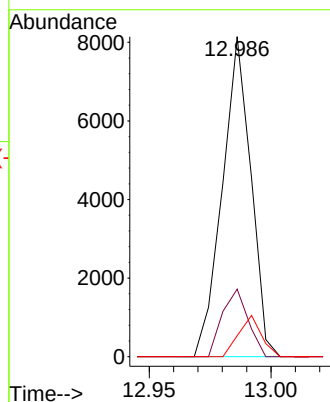
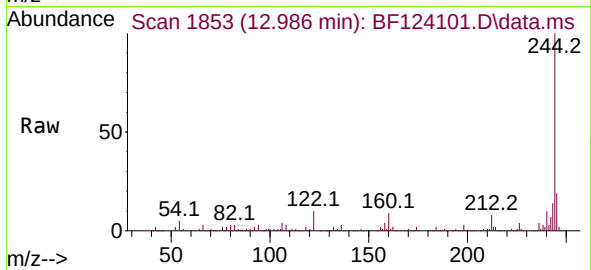
Tgt Ion:184	Resp:	6637
Ion Ratio	Lower	Upper
184	100	
185	21.1	12.1 18.1#
183	6.5	7.8 11.8#

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-074



#79

Terphenyl-d14

Concen: 54.40 ng

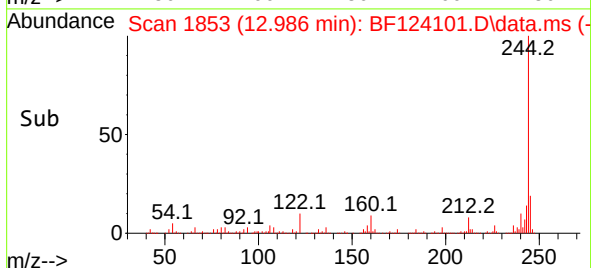
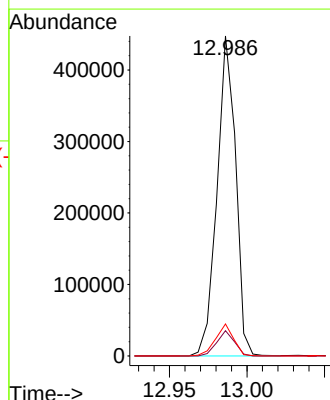
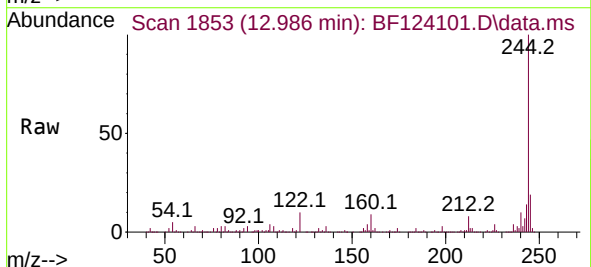
RT: 12.986 min Scan# 1853

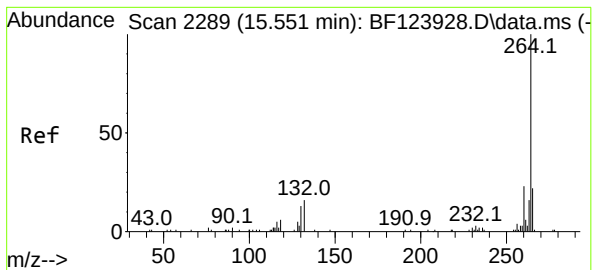
Delta R.T. -0.000 min

Lab File: BF124101.D

Acq: 27 May 2021 19:59

Tgt Ion:244	Resp:	373868
Ion Ratio	Lower	Upper
244	100	
212	7.9	5.7 8.5
122	10.0	9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: BF124101.D
 Acq: 27 May 2021 19:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-074

Tgt Ion:264 Resp: 108715
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.7 28.1
 265 20.9 17.8 26.8

