

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
 Data File : BF123792.D
 Acq On : 3 May 2021 22:19
 Operator : JU/CG
 Sample : M2219-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-071

Quant Time: May 04 00:57:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 27 16:30:39 2021
 Response via : Initial Calibration

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

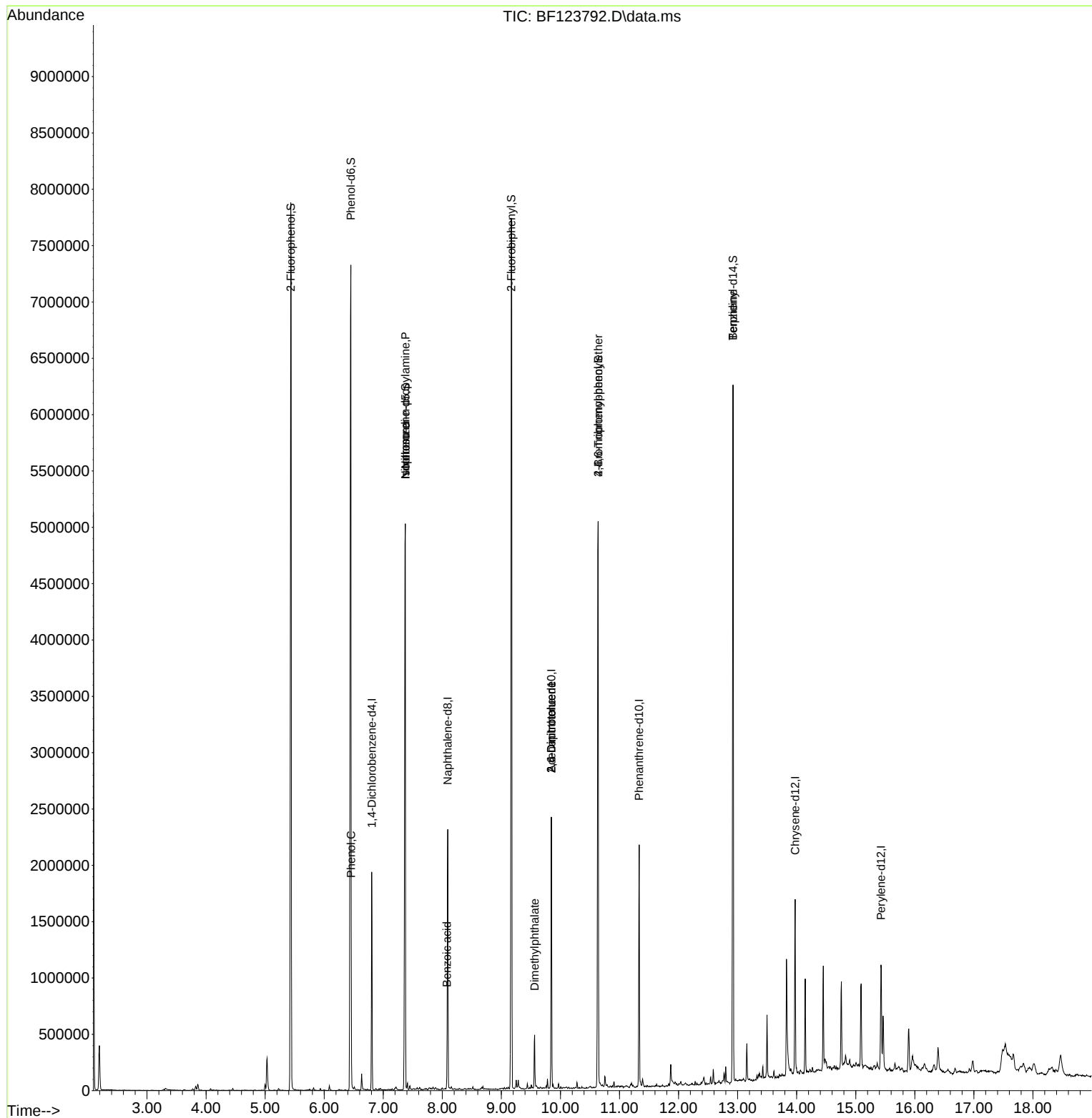
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	240509	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	888291	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	416604	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	714765	20.00	ng	0.00
76) Chrysene-d12	13.974	240	504794	20.00	ng	-0.01
86) Perylene-d12	15.427	264	433166	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1924963	126.80	ng	0.01
7) Phenol-d6	6.451	99	2487318	118.94	ng	0.00
23) Nitrobenzene-d5	7.375	82	1750542	88.96	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	609243	117.47	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2407701	84.16	ng	0.00
79) Terphenyl-d14	12.921	244	1935418	73.83	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.457	94	65389	2.91	ng	83
19) n-Nitroso-di-n-propyla...	7.375	70	244523	18.94	ng	# 73
25) Isophorone	7.375	82	1747982	47.38	ng	# 69
32) Benzoic acid	8.081	122	225	5.41	ng	# 1
50) Dimethylphthalate	9.563	163	158629	5.41	ng	99
51) 2,6-Dinitrotoluene	9.845	165	55648	8.20	ng	# 11
57) 2,4-Dinitrotoluene	9.845	165	55648	6.02	ng	# 17
67) 4-Bromophenyl-phenylether	10.639	248	33901	4.50	ng	# 1
77) Benzidine	12.921	184	26852	2.05	ng	# 89

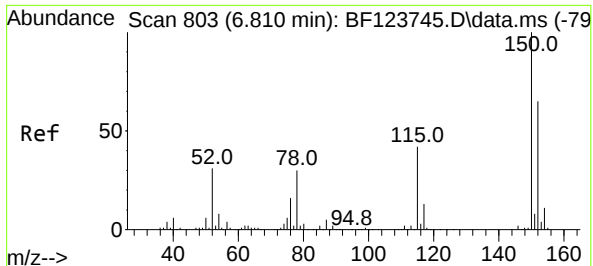
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
Data File : BF123792.D
Acq On : 3 May 2021 22:19
Operator : JU/CG
Sample : M2219-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-071

Quant Time: May 04 00:57:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 16:30:39 2021
Response via : Initial Calibration

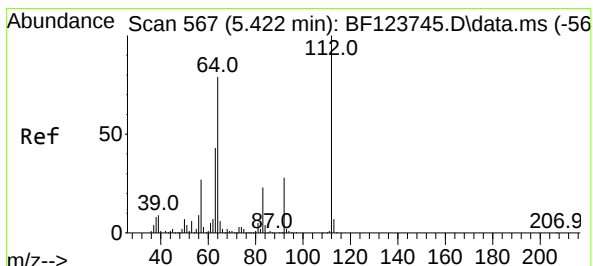
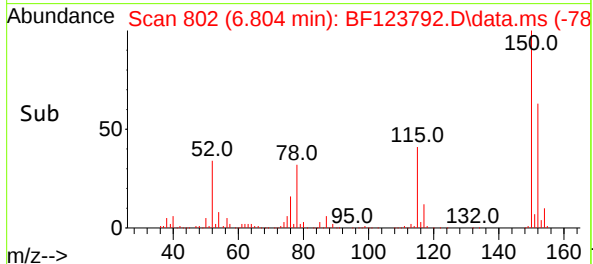
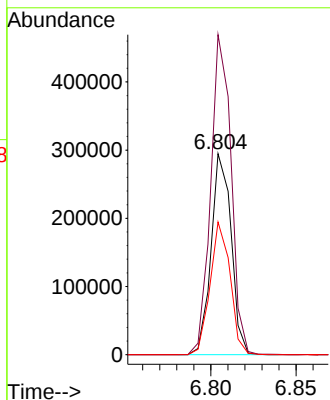
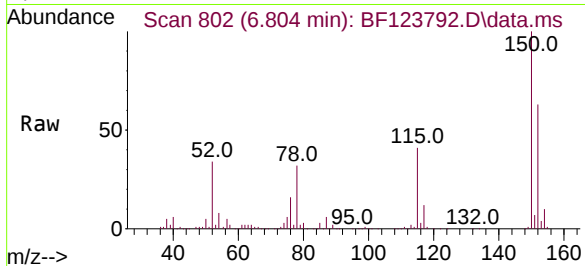




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF123792.D
Acq: 3 May 2021 22:19

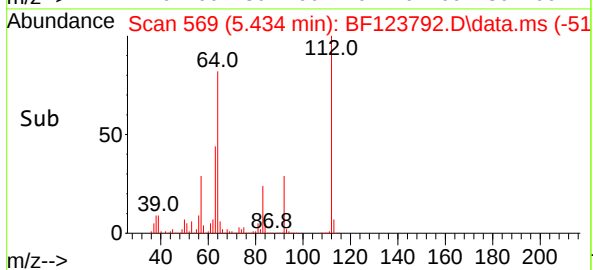
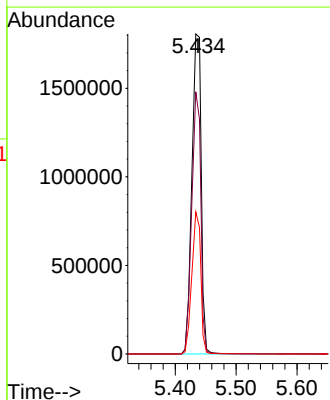
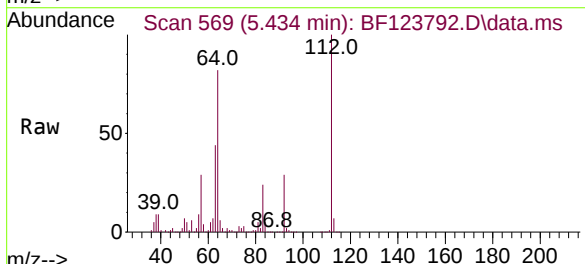
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-071

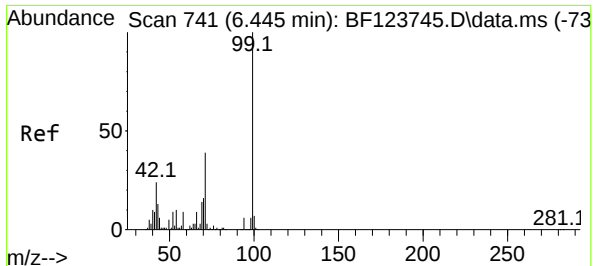
Tgt Ion:152 Resp: 240509
Ion Ratio Lower Upper
152 100
150 159.2 127.0 190.6
115 66.0 54.3 81.5



#5
2-Fluorophenol
Concen: 126.80 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF123792.D
Acq: 3 May 2021 22:19

Tgt Ion:112 Resp: 1924963
Ion Ratio Lower Upper
112 100
64 81.9 61.4 92.0
63 44.4 33.0 49.4



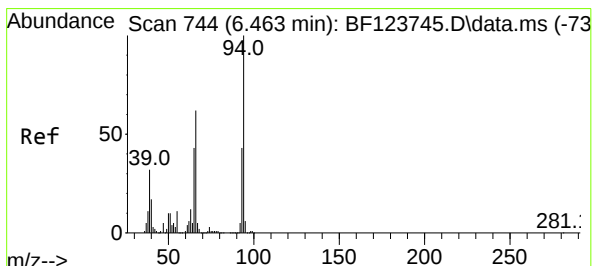
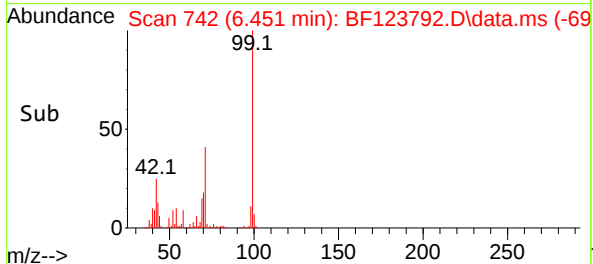
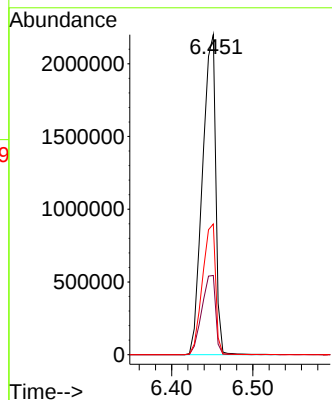
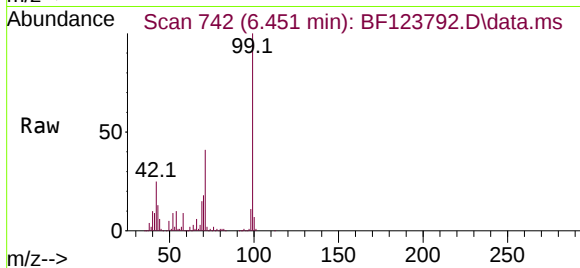


#7
Phenol-d6
Concen: 118.94 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF123792.D
Acq: 3 May 2021 22:19

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-071

Tgt Ion: 99 Resp: 2487318

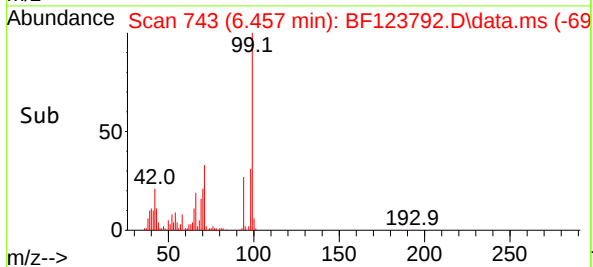
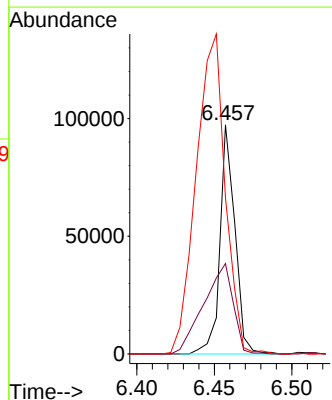
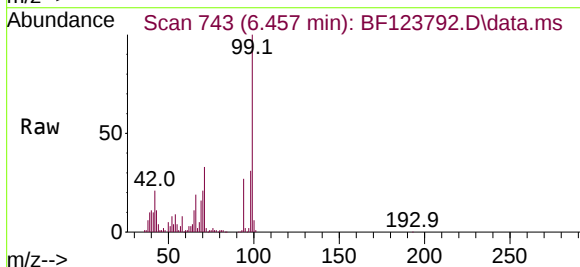
Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.8	29.8
71	40.8	31.1	46.7

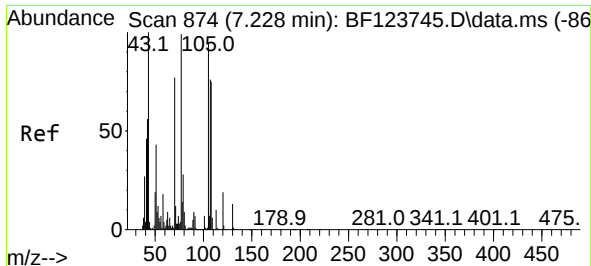


#10
Phenol
Concen: 2.91 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF123792.D
Acq: 3 May 2021 22:19

Tgt Ion: 94 Resp: 65389

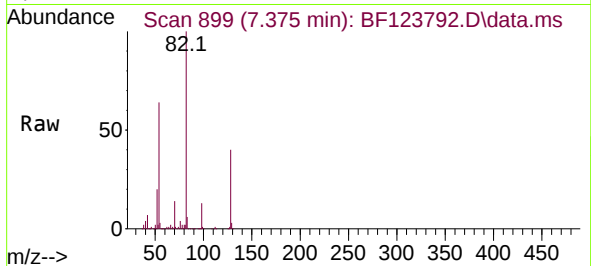
Ion	Ratio	Lower	Upper
94	100		
65	39.5	18.1	58.1
66	68.1	29.0	69.0



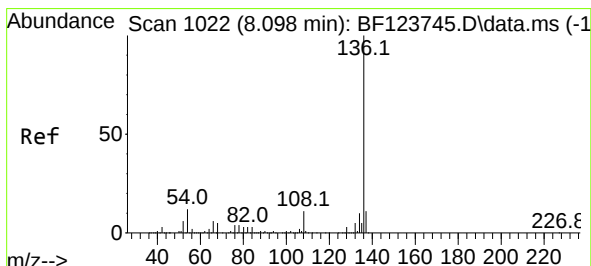
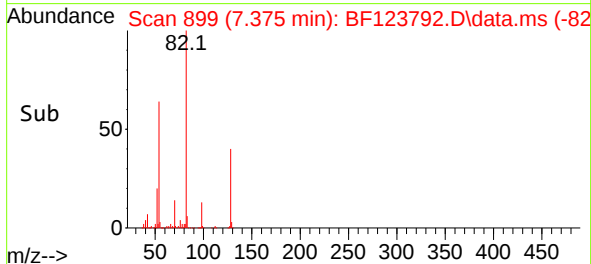
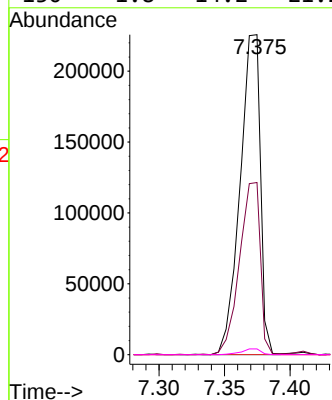


#19
n-Nitroso-di-n-propylamine
Concen: 18.94 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF123792.D
Acq: 3 May 2021 22:19

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-071

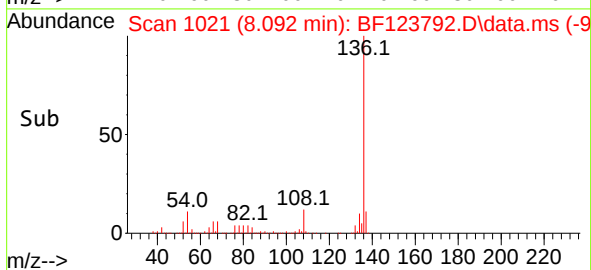
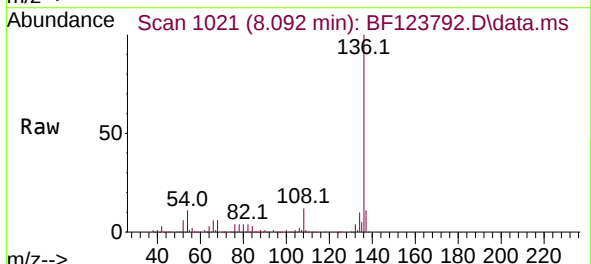
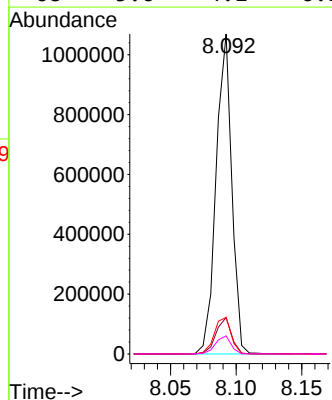


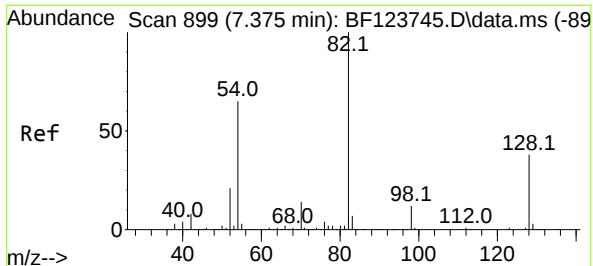
Tgt Ion: 70 Resp: 244523
Ion Ratio Lower Upper
70 100
42 53.8 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123792.D
Acq: 3 May 2021 22:19

Tgt Ion: 136 Resp: 888291
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 11.4 9.8 14.6
68 5.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 88.96 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.000 min

Lab File: BF123792.D

Acq: 3 May 2021 22:19

Tgt Ion: 82 Resp: 1750542

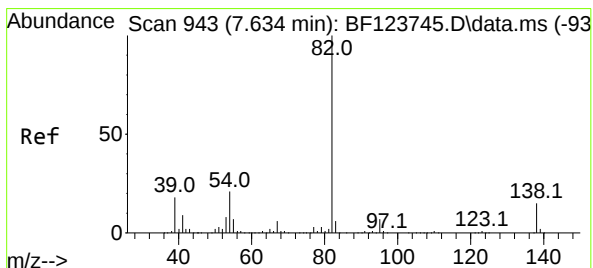
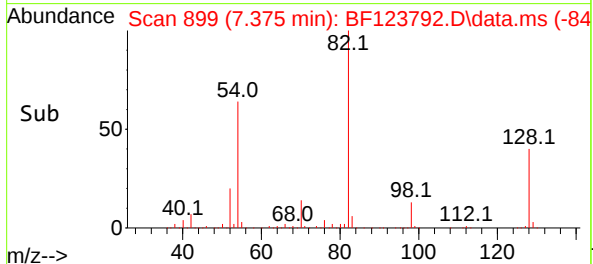
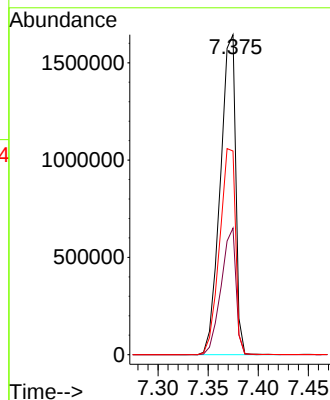
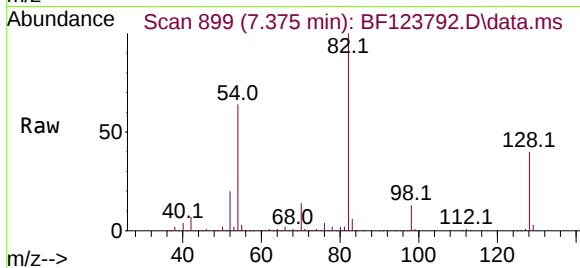
Ion	Ratio	Lower	Upper
82	100		
128	39.5	29.4	44.2
54	63.7	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-071



#25

Isophorone

Concen: 47.38 ng

RT: 7.375 min Scan# 899

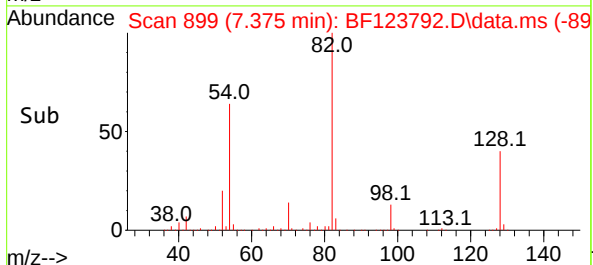
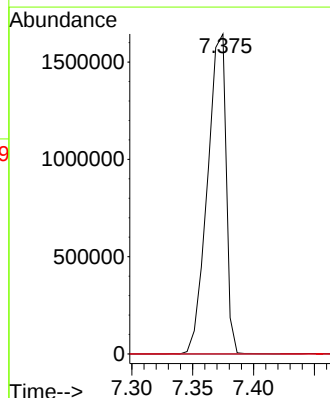
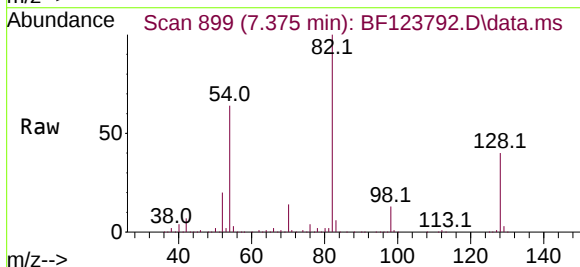
Delta R.T. -0.259 min

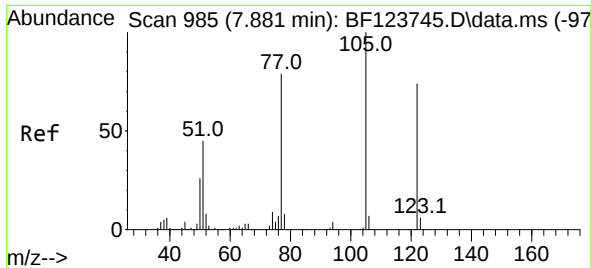
Lab File: BF123792.D

Acq: 3 May 2021 22:19

Tgt Ion: 82 Resp: 1747982

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

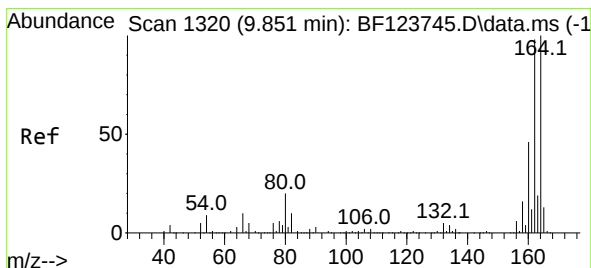
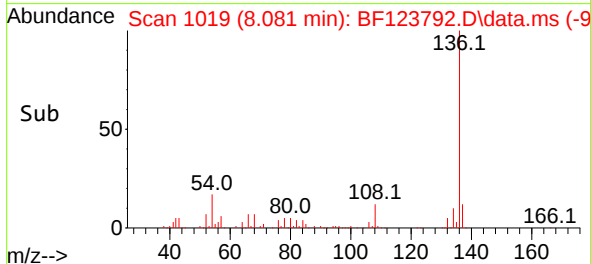
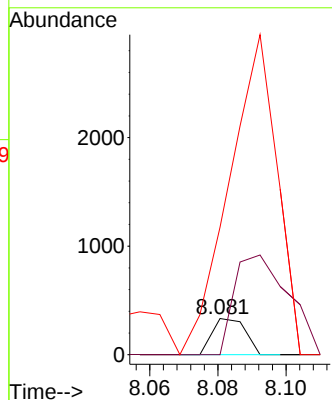
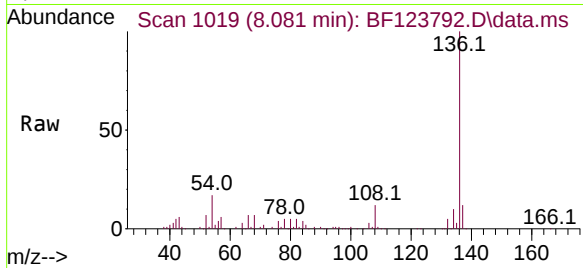




#32
Benzoic acid
Concen: 5.41 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.200 min
Lab File: BF123792.D
Acq: 3 May 2021 22:19

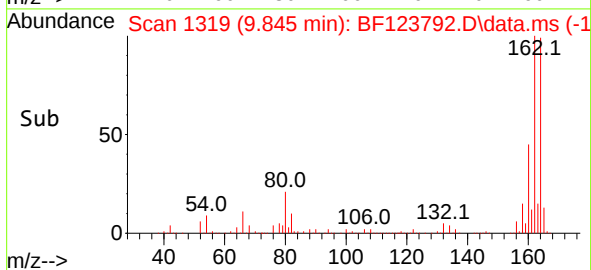
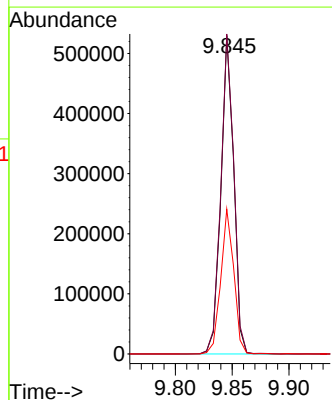
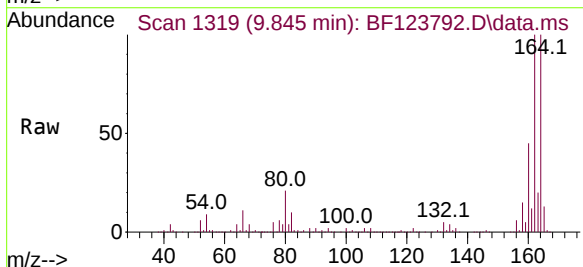
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-071

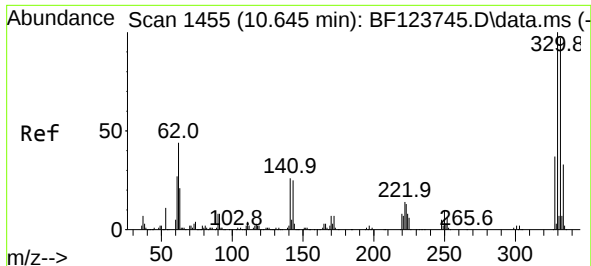
Tgt Ion:122 Resp: 225
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 351.8 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF123792.D
Acq: 3 May 2021 22:19

Tgt Ion:164 Resp: 416604
Ion Ratio Lower Upper
164 100
162 100.5 80.7 121.1
160 45.5 37.3 55.9

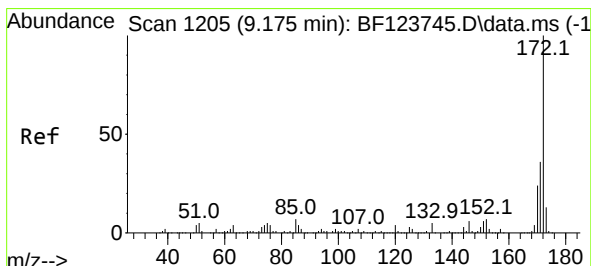
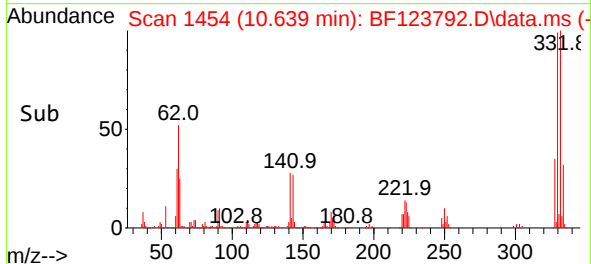
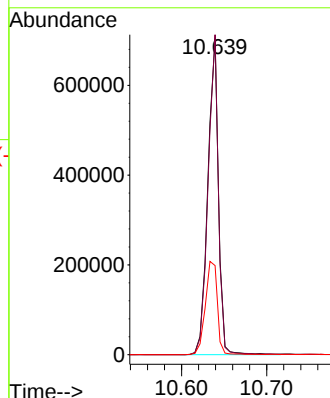
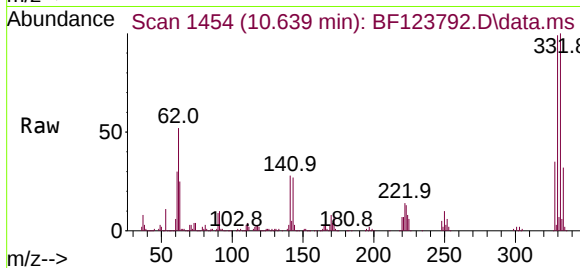




#42
2,4,6-Tribromophenol
Concen: 117.47 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF123792.D
Acq: 3 May 2021 22:19

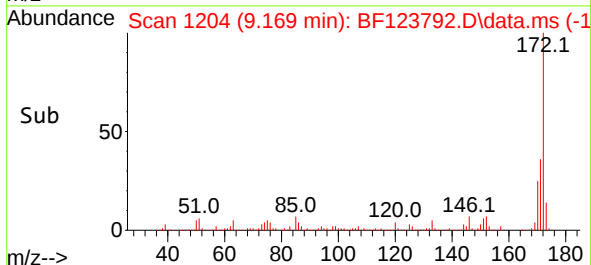
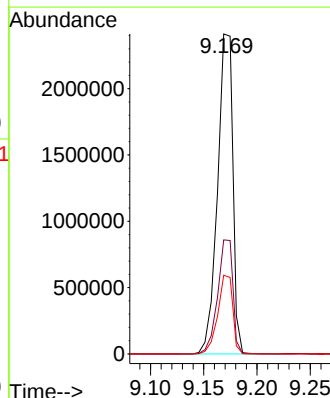
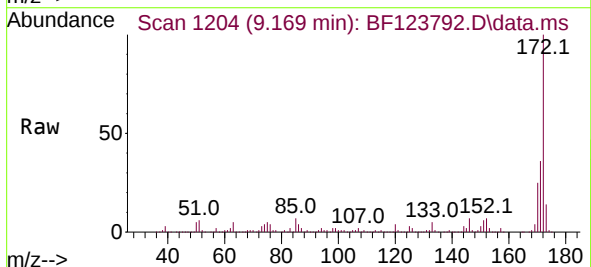
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-071

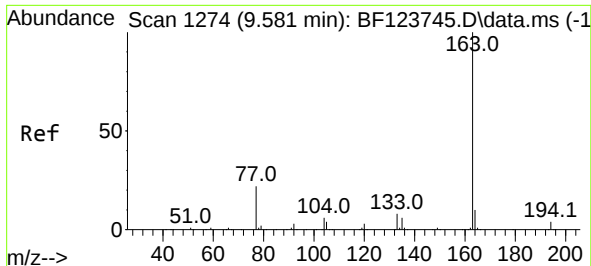
Tgt Ion:330 Resp: 609243
Ion Ratio Lower Upper
330 100
332 97.8 77.1 115.7
141 33.4 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 84.16 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF123792.D
Acq: 3 May 2021 22:19

Tgt Ion:172 Resp: 2407701
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 24.6 19.2 28.8

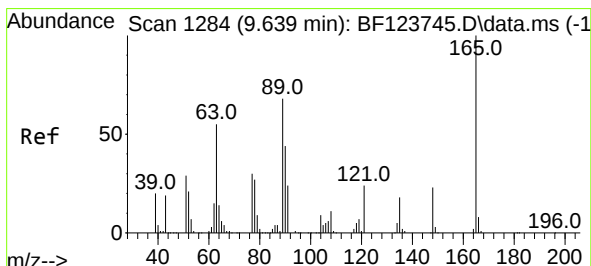
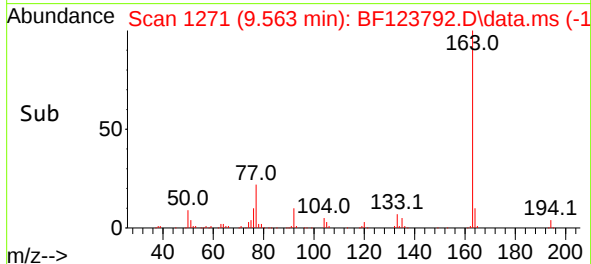
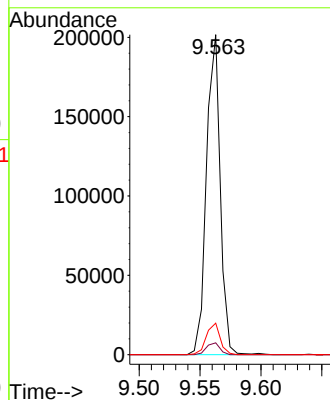
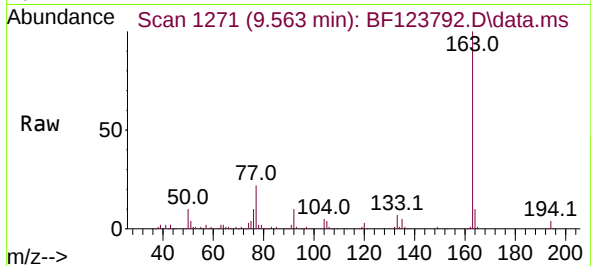




#50
Dimethylphthalate
Concen: 5.41 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.018 min
Lab File: BF123792.D
Acq: 3 May 2021 22:19

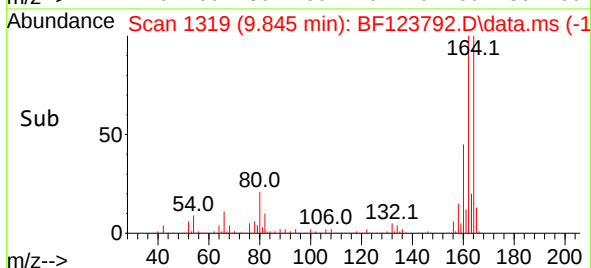
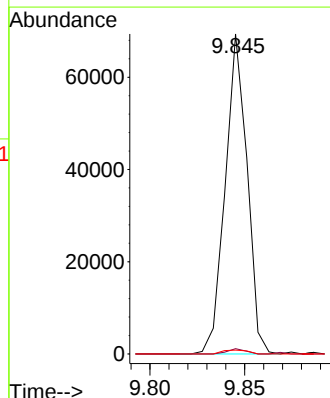
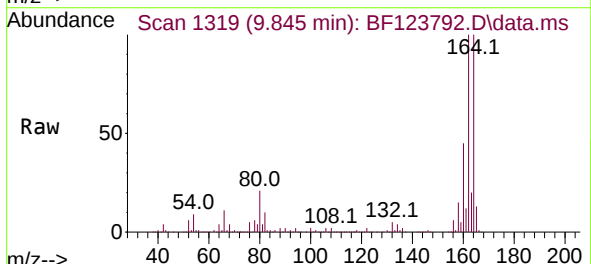
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-071

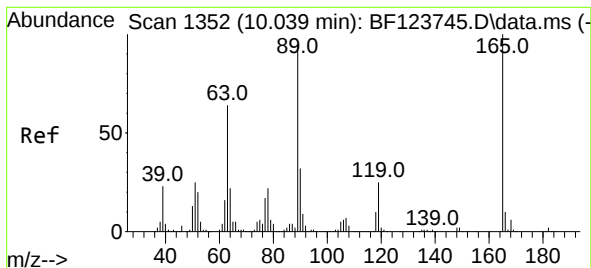
Tgt Ion:163 Resp: 158629
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 9.8 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.20 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF123792.D
Acq: 3 May 2021 22:19

Tgt Ion:165 Resp: 55648
Ion Ratio Lower Upper
165 100
63 1.7 67.7 101.5#
89 1.2 58.8 88.2#

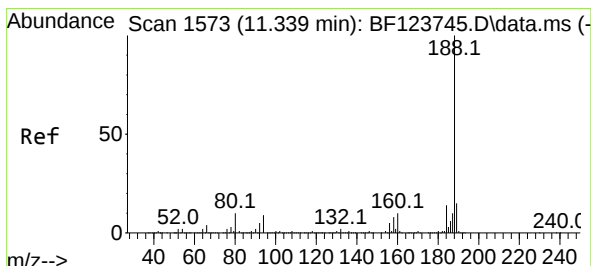
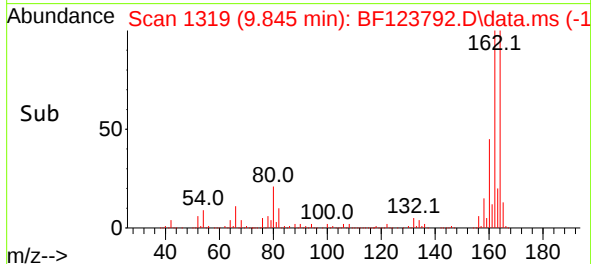
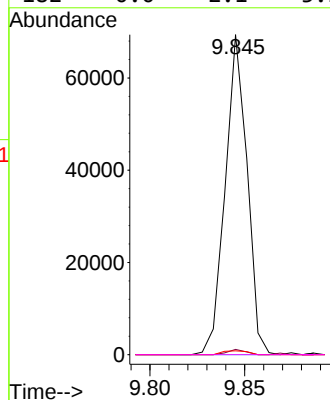
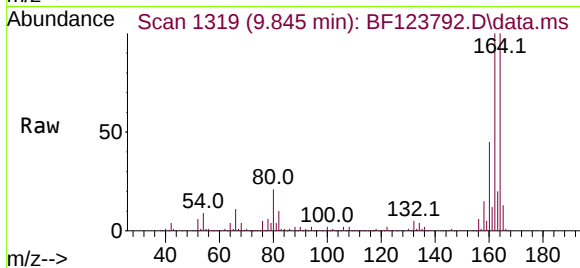




#57
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF123792.D
Acq: 3 May 2021 22:19

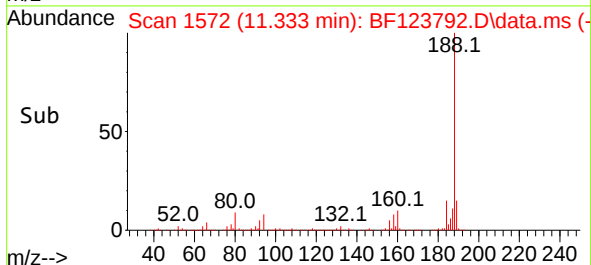
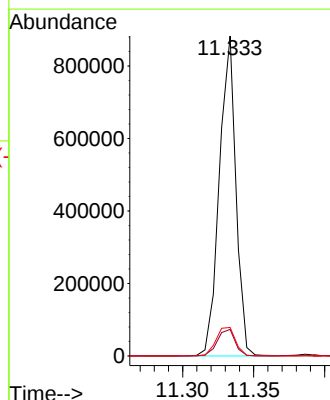
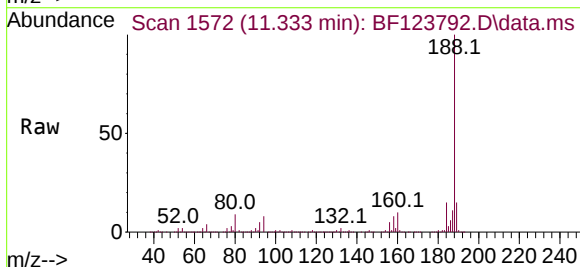
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-071

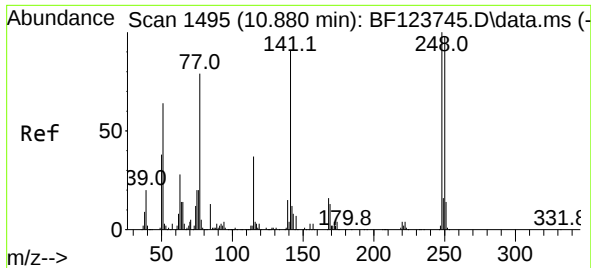
Tgt Ion:165 Resp: 55648
Ion Ratio Lower Upper
165 100
63 1.7 43.5 65.3#
89 1.2 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123792.D
Acq: 3 May 2021 22:19

Tgt Ion:188 Resp: 714765
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 8.9 8.2 12.2

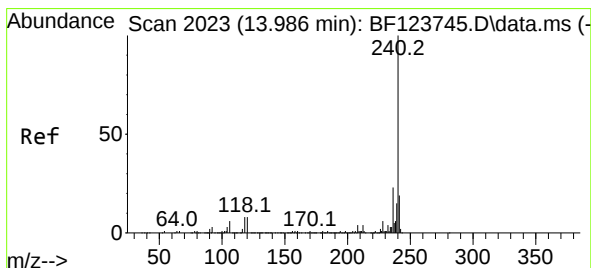
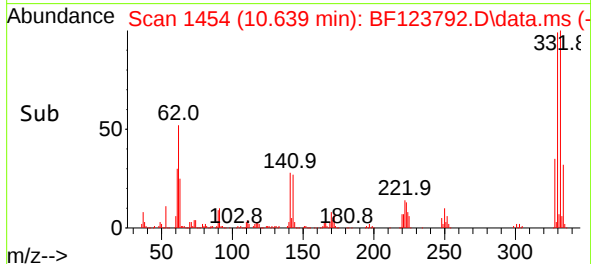
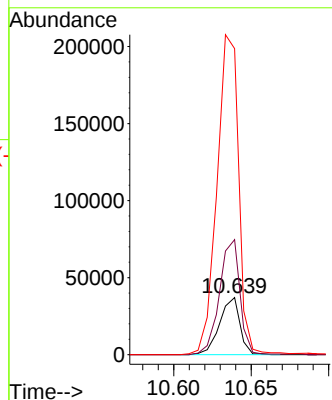
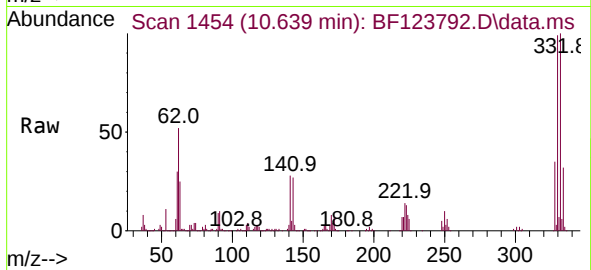




#67
4-Bromophenyl-phenylether
Concen: 4.50 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF123792.D
Acq: 3 May 2021 22:19

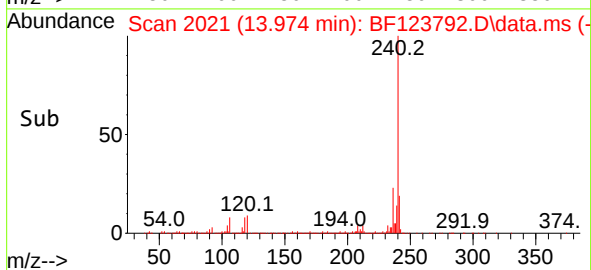
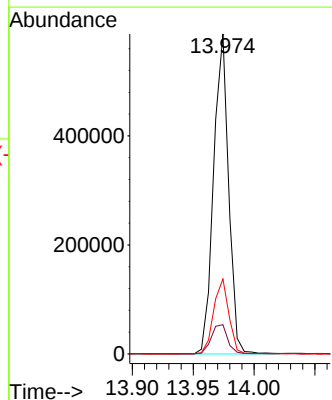
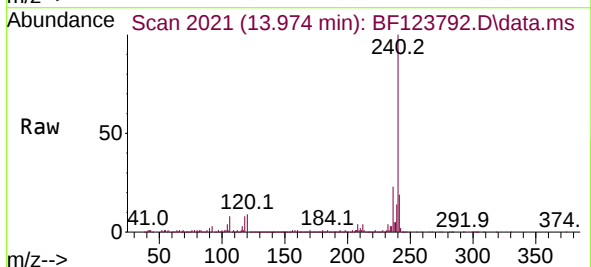
Instrument :
BNA_F
ClientSampled :
FK-PS-01-071

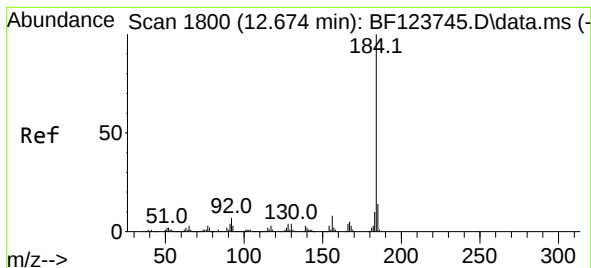
Tgt Ion:248 Resp: 33901
Ion Ratio Lower Upper
248 100
250 201.7 77.4 116.2#
141 536.4 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123792.D
Acq: 3 May 2021 22:19

Tgt Ion:240 Resp: 504794
Ion Ratio Lower Upper
240 100
120 9.1 7.2 10.8
236 23.5 19.0 28.4





#77

Benzidine

Concen: 2.05 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.247 min

Lab File: BF123792.D

Acq: 3 May 2021 22:19

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-071

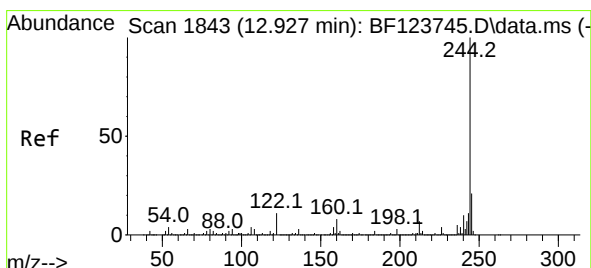
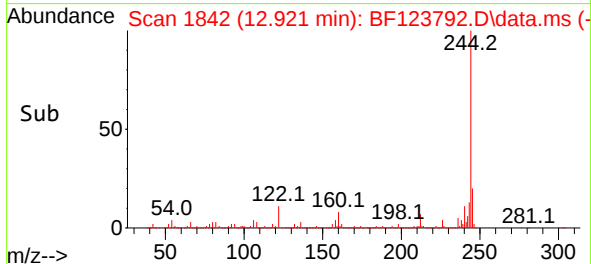
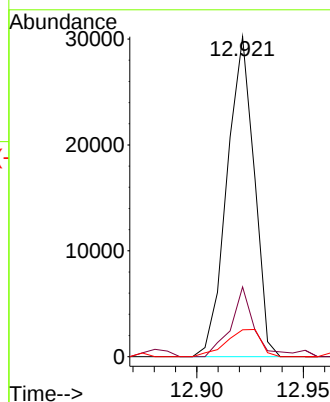
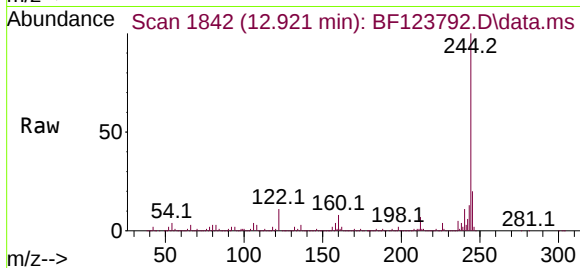
Tgt Ion:184 Resp: 26852

Ion Ratio Lower Upper

184 100

185 21.8 12.1 18.1#

183 8.4 7.8 11.8



#79

Terphenyl-d14

Concen: 73.83 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF123792.D

Acq: 3 May 2021 22:19

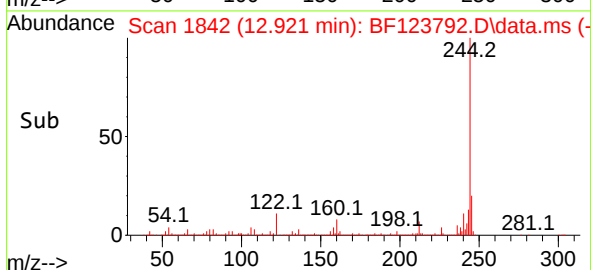
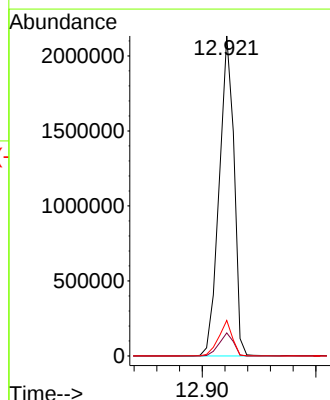
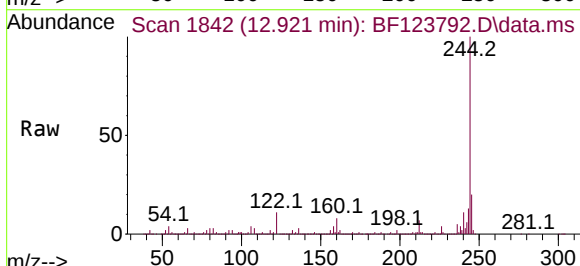
Tgt Ion:244 Resp: 1935418

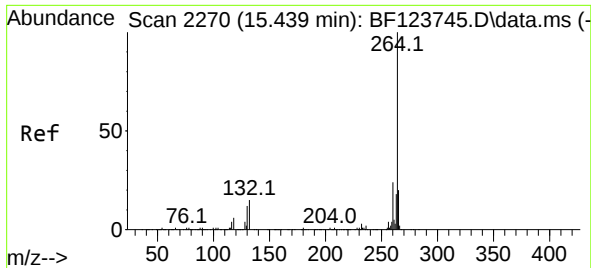
Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

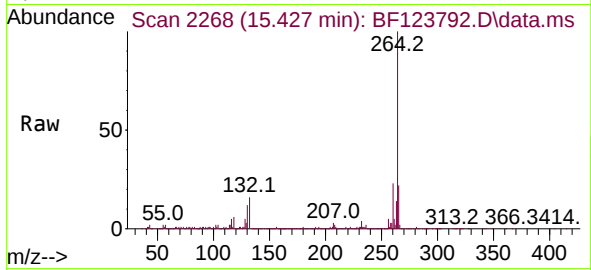
122 11.1 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. -0.012 min
 Lab File: BF123792.D
 Acq: 3 May 2021 22:19

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-071



Tgt Ion:264 Resp: 433166
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 22.1 17.8 26.8

