

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101220\
 Data File : BF121932.D
 Acq On : 12 Oct 2020 22:21
 Operator : JU/CG
 Sample : L4225-05 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-100920

Quant Time: Oct 13 00:32:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

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

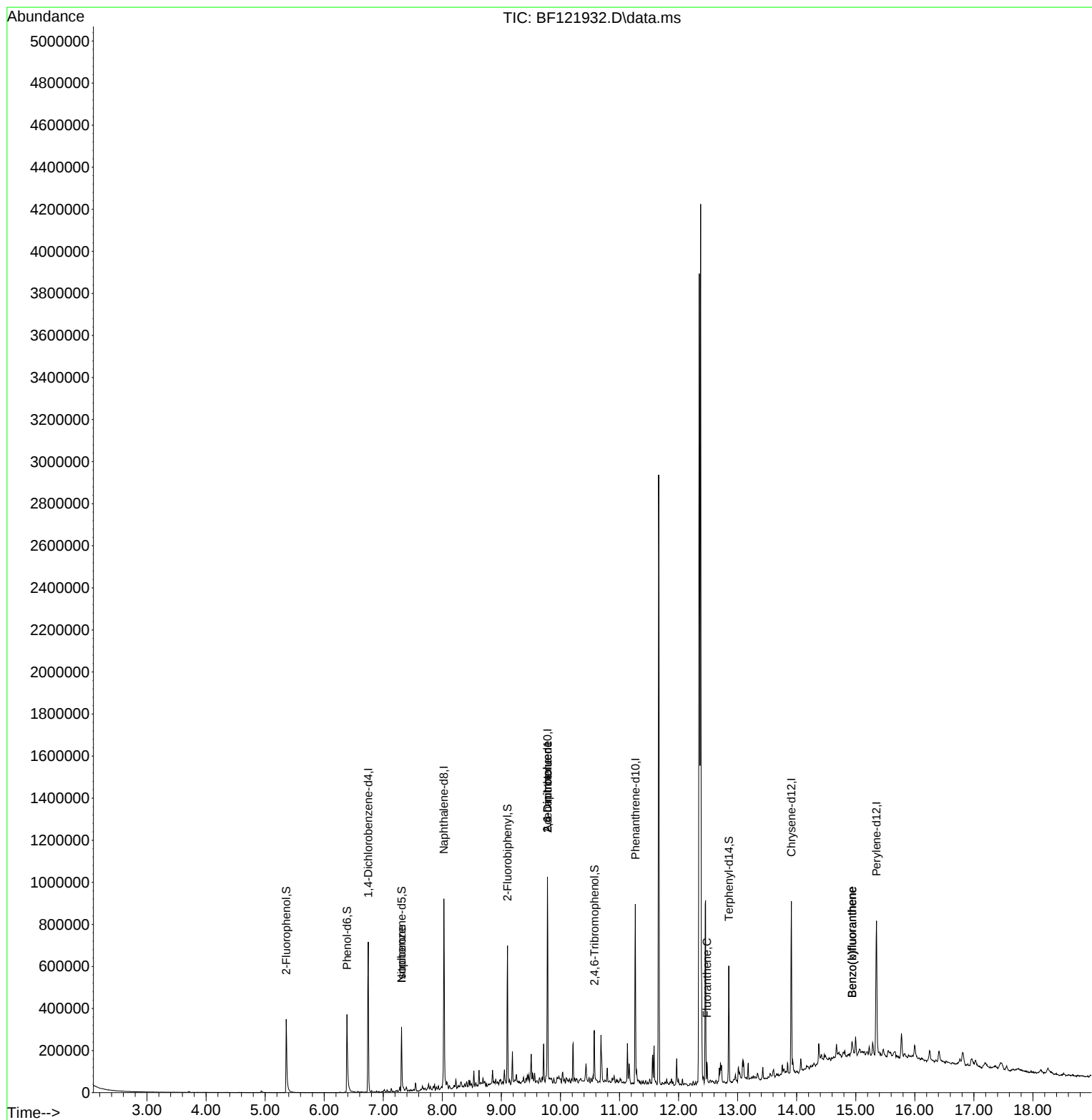
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	98727	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	379575	20.00	ng	0.00
39) Acenaphthene-d10	9.780	164	177433	20.00	ng	0.00
64) Phenanthrene-d10	11.269	188	283640	20.00	ng	0.00
76) Chrysene-d12	13.910	240	250573	20.00	ng	0.00
86) Perylene-d12	15.351	264	261451	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	119351	17.84	ng	0.00
7) Phenol-d6	6.387	99	155566	18.07	ng	-0.01
23) Nitrobenzene-d5	7.310	82	100797	13.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	32363	14.74	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	190182	15.77	ng	0.00
79) Terphenyl-d14	12.851	244	149784	11.39	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.569	77	130	Below Cal	#	1
25) Isophorone	7.310	82	100797	7.20	ng	# 67
51) 2,6-Dinitrotoluene	9.780	165	24503	8.61	ng	# 21
57) 2,4-Dinitrotoluene	9.780	165	24503	6.99	ng	# 20
75) Fluoranthene	12.480	202	40415	2.42	ng	# 99
88) Benzo(b)fluoranthene	14.939	252	40692	2.30	ng	# 88
89) Benzo(k)fluoranthene	14.939	252	40692	2.42	ng	# 87

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101220\
Data File : BF121932.D
Acq On : 12 Oct 2020 22:21
Operator : JU/CG
Sample : L4225-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-100920

Quant Time: Oct 13 00:32:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 16:22:33 2020
Response via : Initial Calibration

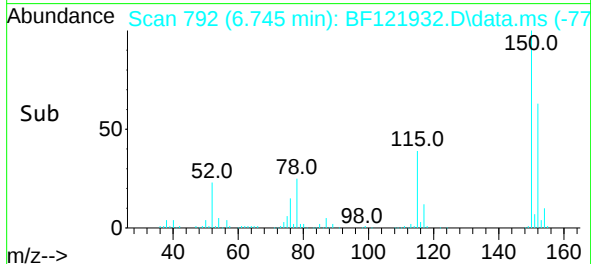
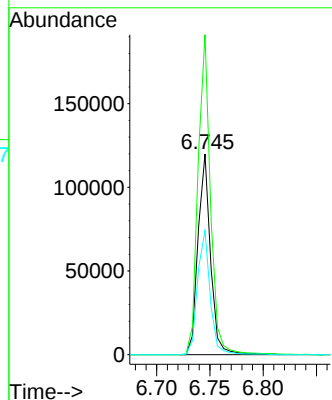
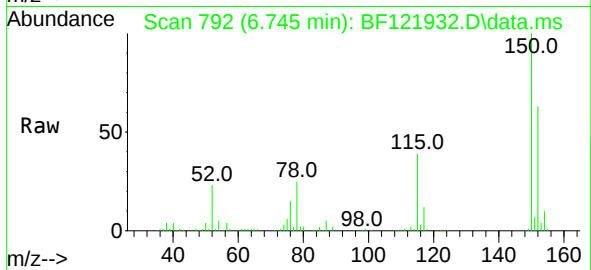




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF121932.D
Acq: 12 Oct 2020 22:21

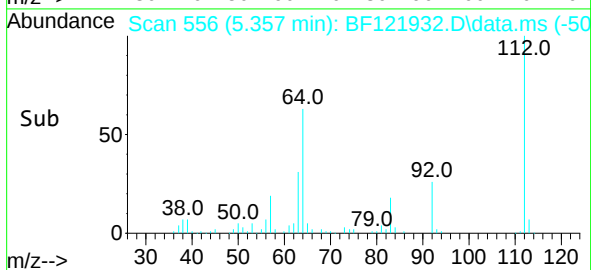
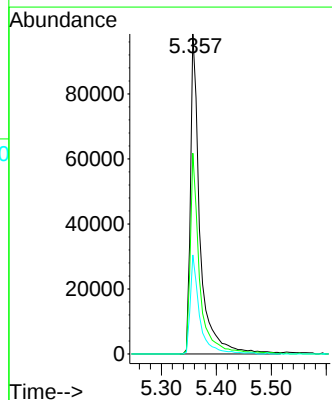
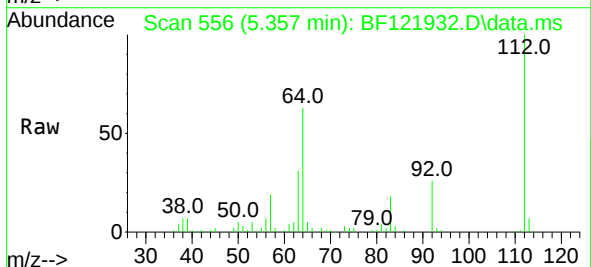
Instrument :
BNA_F
ClientSampleId :
SU-01-100920

Tgt Ion:152 Resp: 98727
Ion Ratio Lower Upper
152 100
150 159.5 125.3 187.9
115 61.9 51.9 77.9



#5
2-Fluorophenol
Concen: 17.84 ng
RT: 5.357 min Scan# 556
Delta R.T. -0.006 min
Lab File: BF121932.D
Acq: 12 Oct 2020 22:21

Tgt Ion:112 Resp: 119351
Ion Ratio Lower Upper
112 100
64 62.8 50.4 75.6
63 30.9 25.8 38.6



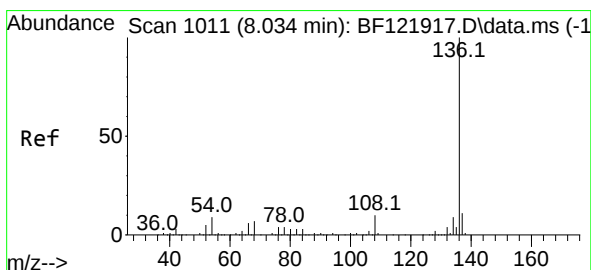
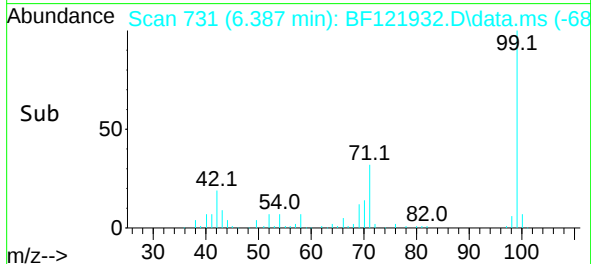
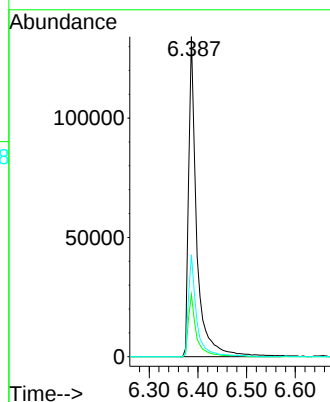
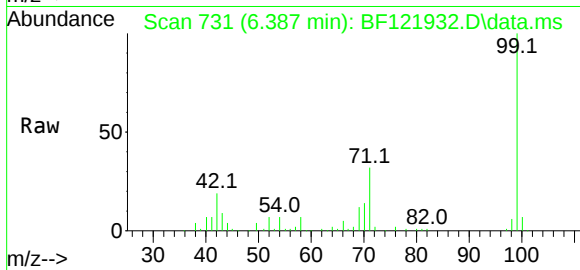


#7
Phenol-d6
Concen: 18.07 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121932.D
Acq: 12 Oct 2020 22:21

Instrument :
BNA_F
ClientSampleId :
SU-01-100920

Tgt Ion: 99 Resp: 155566

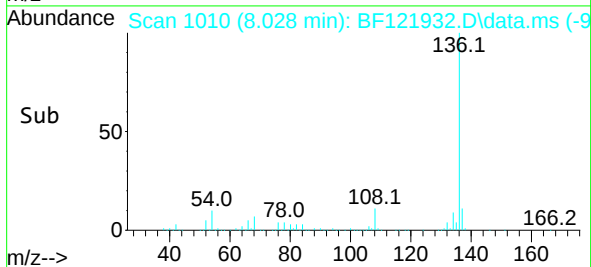
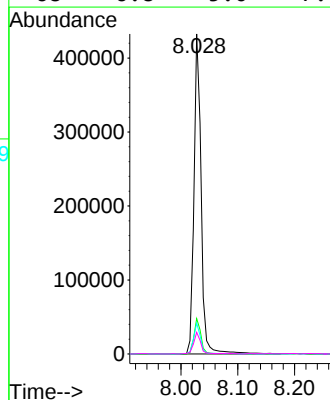
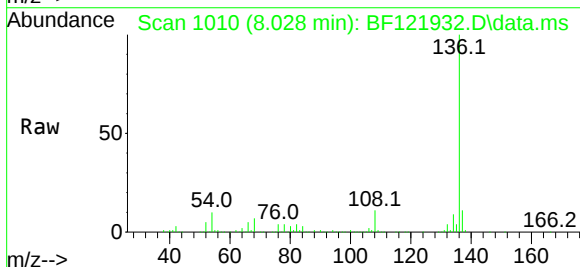
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.9	23.9
71	31.8	27.1	40.7

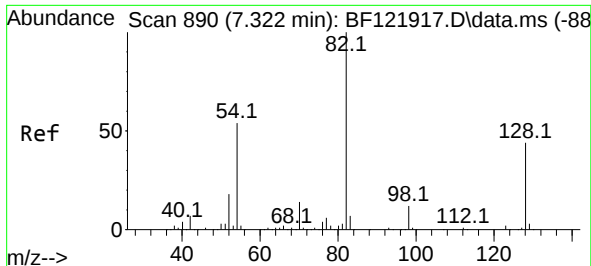


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121932.D
Acq: 12 Oct 2020 22:21

Tgt Ion: 136 Resp: 379575

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.7	7.1	10.7
68	6.8	5.0	7.4





#23

Nitrobenzene-d5

Concen: 13.62 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.012 min

Lab File: BF121932.D

Acq: 12 Oct 2020 22:21

Tgt Ion: 82 Resp: 100797

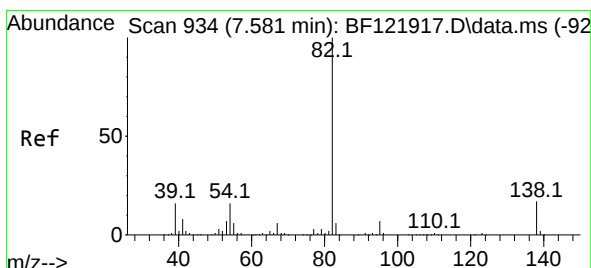
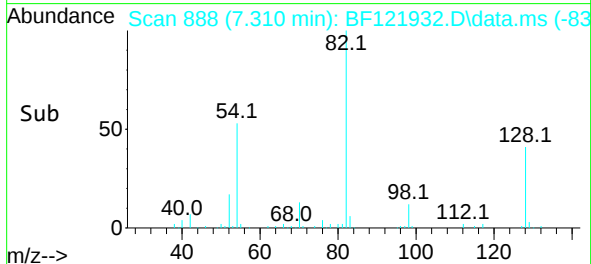
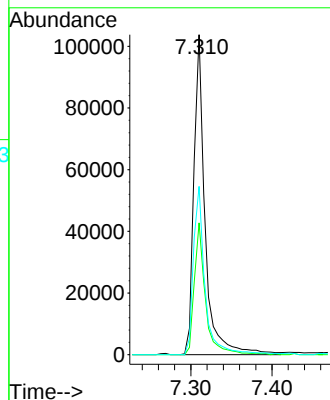
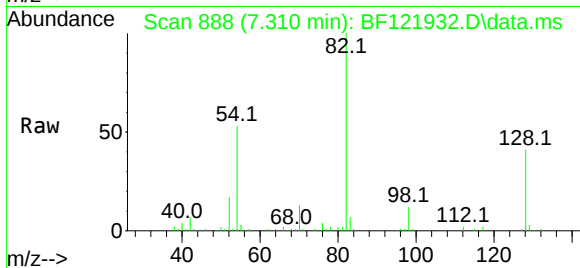
Ion	Ratio	Lower	Upper
82	100		
128	41.2	35.0	52.4
54	52.6	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

SU-01-100920



#25

Isophorone

Concen: 7.20 ng

RT: 7.310 min Scan# 888

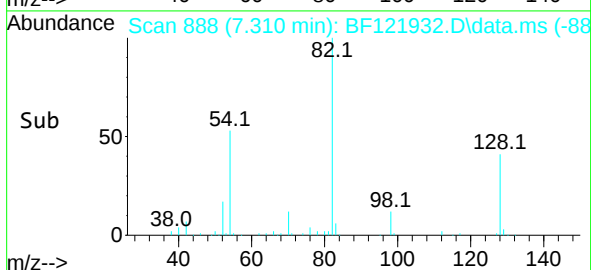
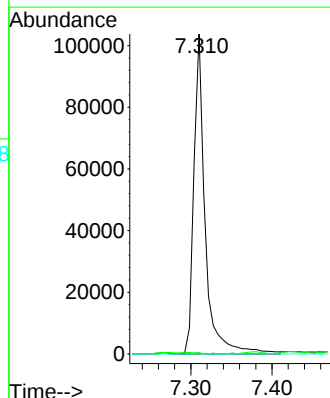
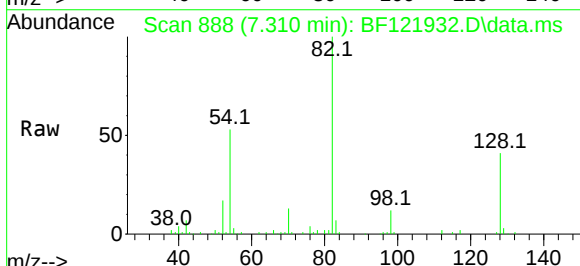
Delta R.T. -0.271 min

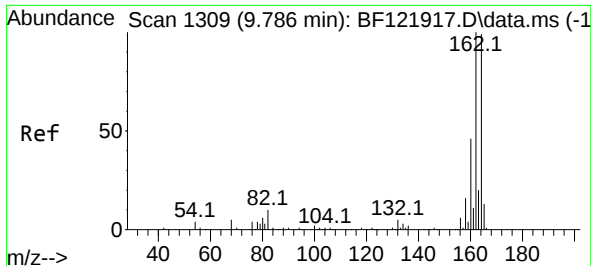
Lab File: BF121932.D

Acq: 12 Oct 2020 22:21

Tgt Ion: 82 Resp: 100797

Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.4	8.0#
138	0.0	13.4	20.0#

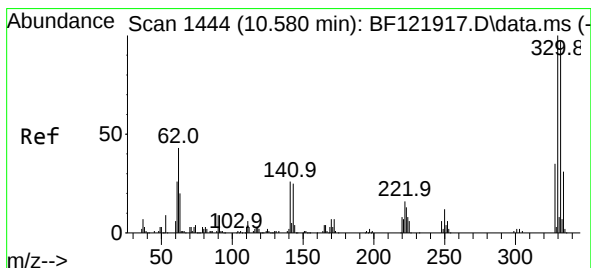
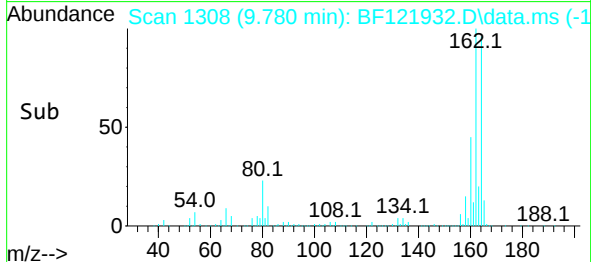
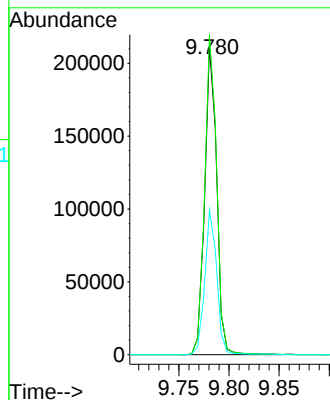
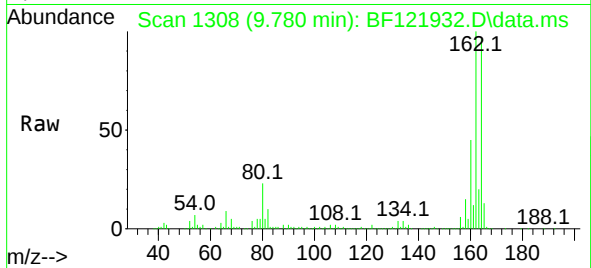




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF121932.D
Acq: 12 Oct 2020 22:21

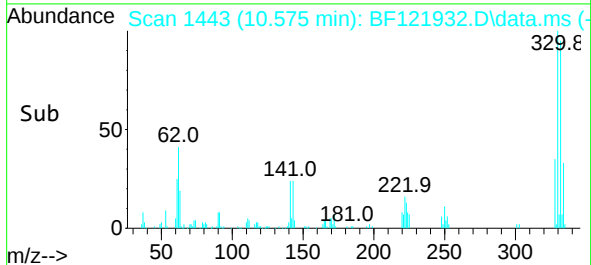
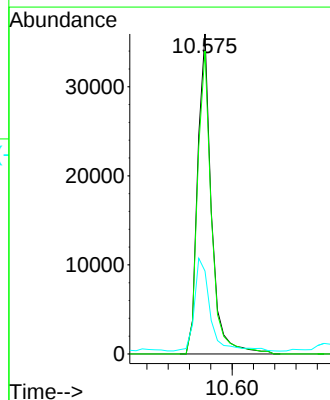
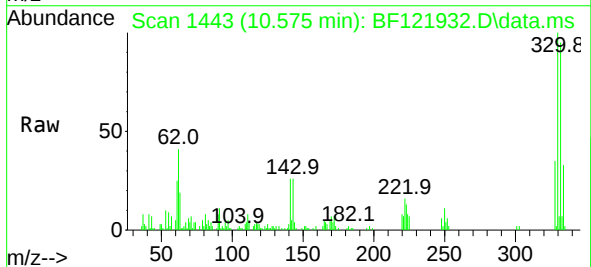
Instrument :
BNA_F
ClientSampleId :
SU-01-100920

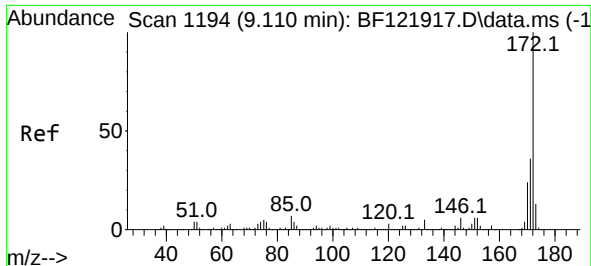
Tgt Ion:164 Resp: 177433
Ion Ratio Lower Upper
164 100
162 104.1 83.2 124.8
160 47.1 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 14.74 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF121932.D
Acq: 12 Oct 2020 22:21

Tgt Ion:330 Resp: 32363
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 33.2 22.3 33.5

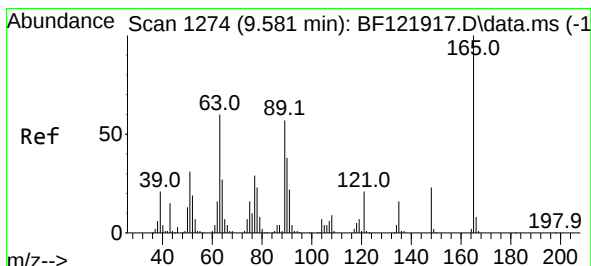
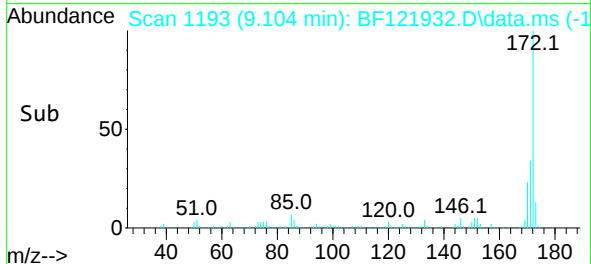
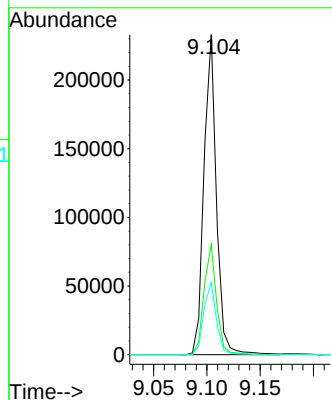
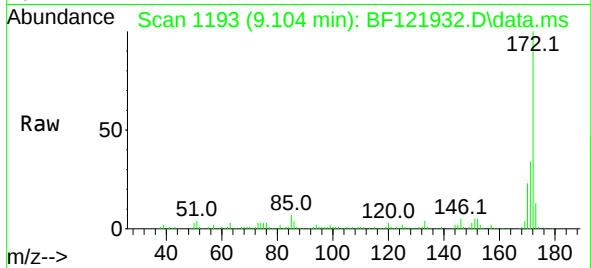




#45
2-Fluorobiphenyl
Concen: 15.77 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF121932.D
Acq: 12 Oct 2020 22:21

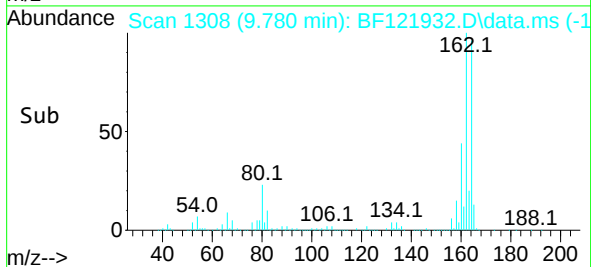
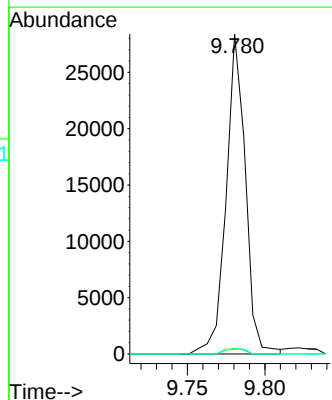
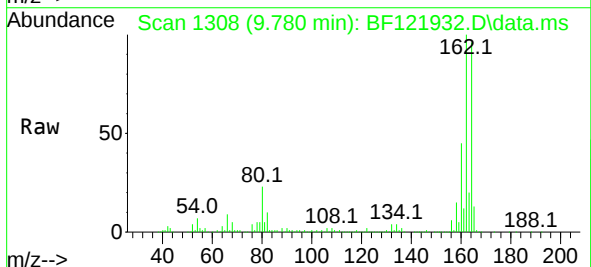
Instrument :
BNA_F
ClientSampleId :
SU-01-100920

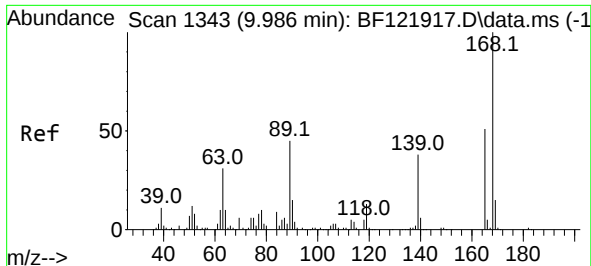
Tgt Ion:172 Resp: 190182
Ion Ratio Lower Upper
172 100
171 34.4 29.1 43.7
170 22.6 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.61 ng
RT: 9.780 min Scan# 1308
Delta R.T. 0.200 min
Lab File: BF121932.D
Acq: 12 Oct 2020 22:21

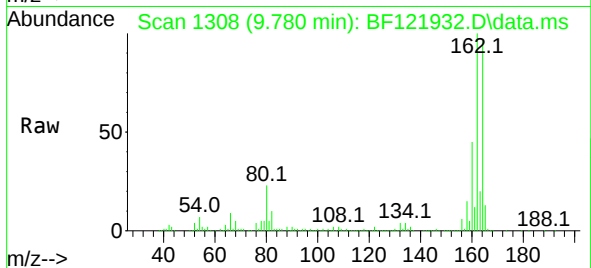
Tgt Ion:165 Resp: 24503
Ion Ratio Lower Upper
165 100
63 1.7 51.8 77.6#
89 1.4 49.0 73.6#



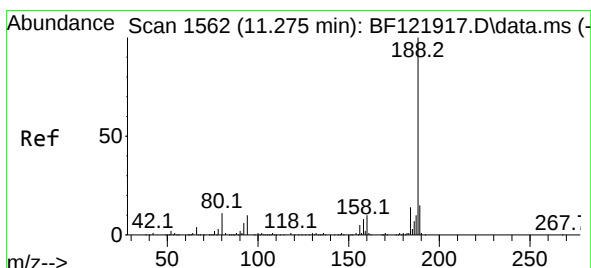
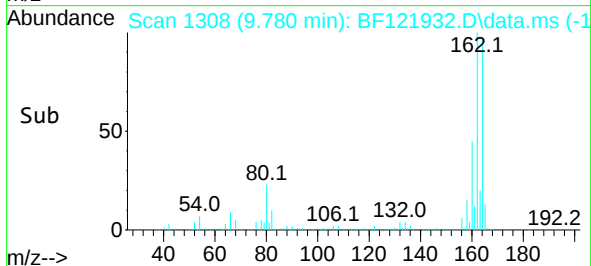
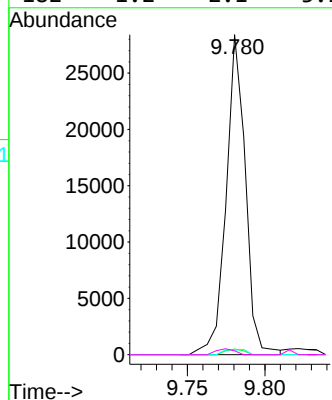


#57
2,4-Dinitrotoluene
Concen: 6.99 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.206 min
Lab File: BF121932.D
Acq: 12 Oct 2020 22:21

Instrument :
BNA_F
ClientSampleId :
SU-01-100920

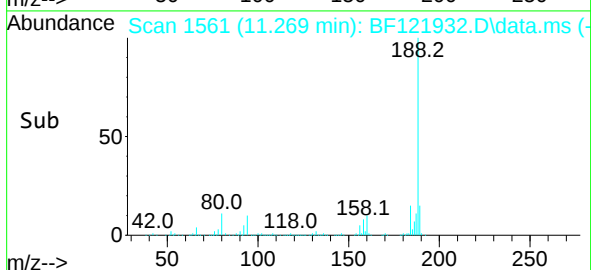
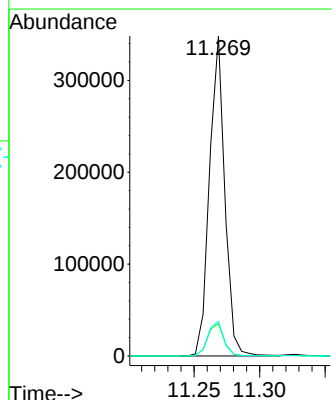
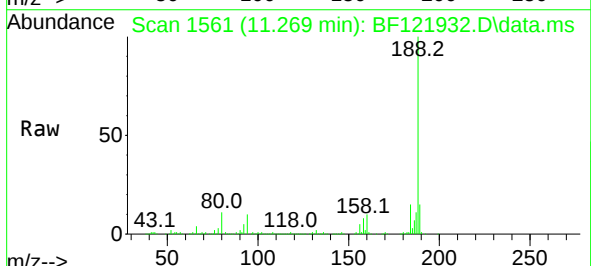


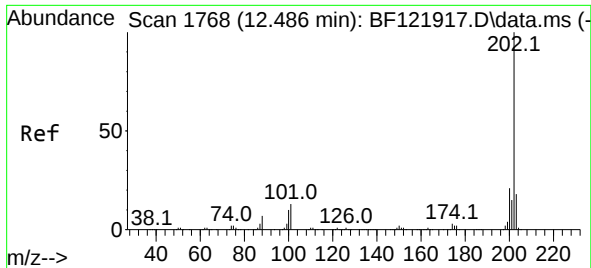
Tgt Ion:165 Resp: 24503
Ion Ratio Lower Upper
165 100
63 1.7 41.3 61.9#
89 1.4 61.8 92.8#
182 1.2 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF121932.D
Acq: 12 Oct 2020 22:21

Tgt Ion:188 Resp: 283640
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.8 9.1 13.7

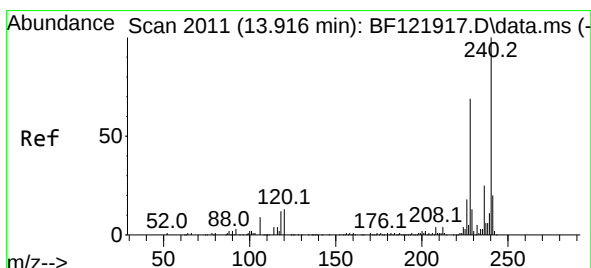
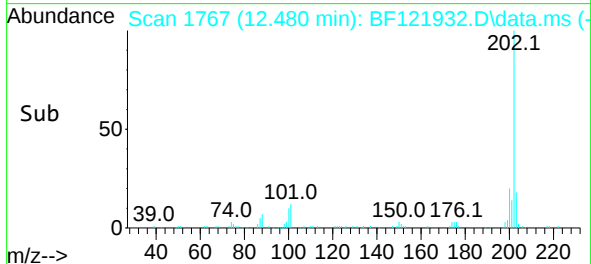
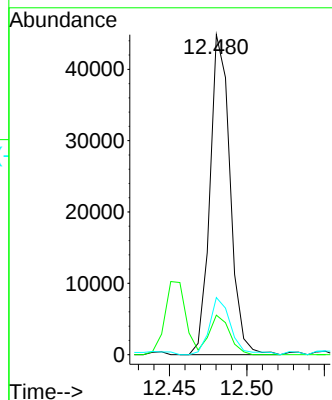
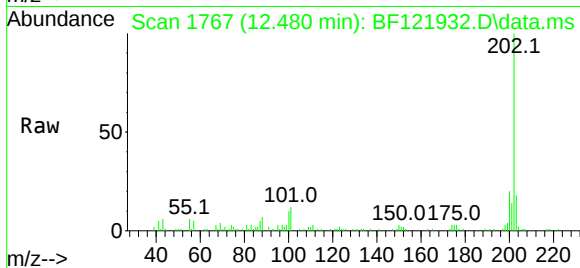




#75
Fluoranthene
Concen: 2.42 ng
RT: 12.480 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BF121932.D
Acq: 12 Oct 2020 22:21

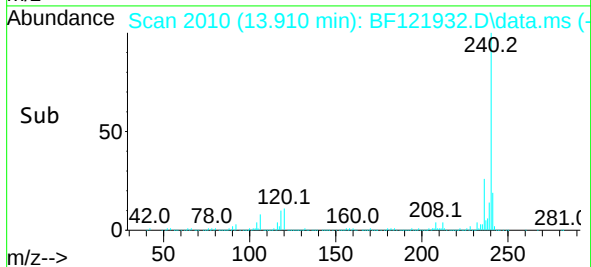
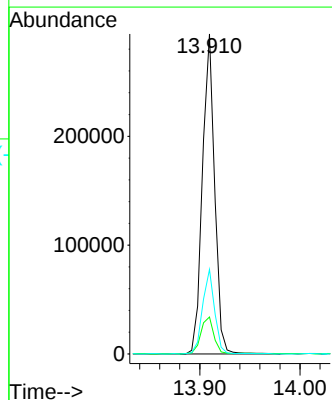
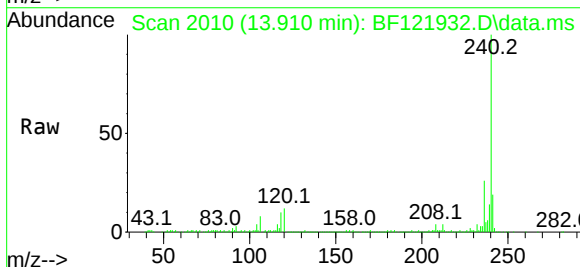
Instrument :
BNA_F
ClientSampleId :
SU-01-100920

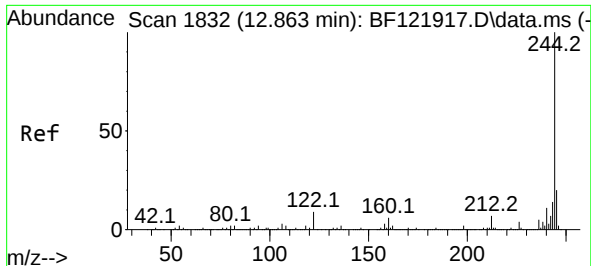
Tgt Ion:	202	Resp:	40415
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	33.4
203	17.9	0.0	37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF121932.D
Acq: 12 Oct 2020 22:21

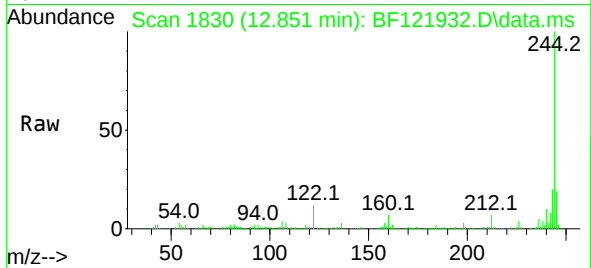
Tgt Ion:	240	Resp:	250573
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.2	13.8
236	26.4	20.9	31.3



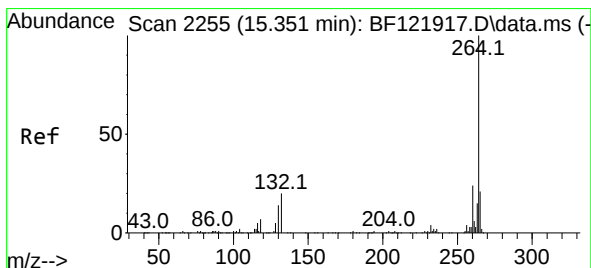
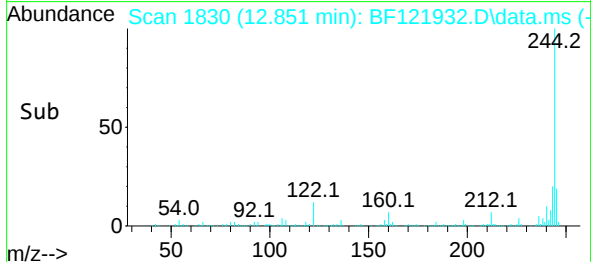
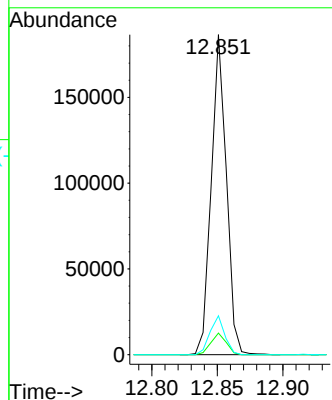


#79
 Terphenyl-d14
 Concen: 11.39 ng
 RT: 12.851 min Scan# 1830
 Delta R.T. -0.012 min
 Lab File: BF121932.D
 Acq: 12 Oct 2020 22:21

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-100920

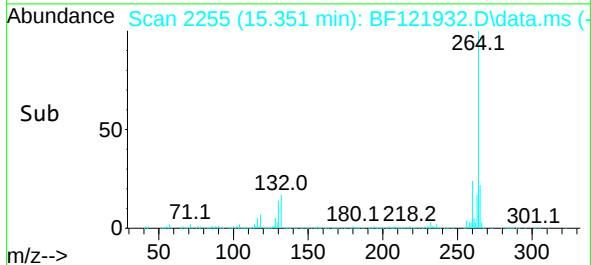
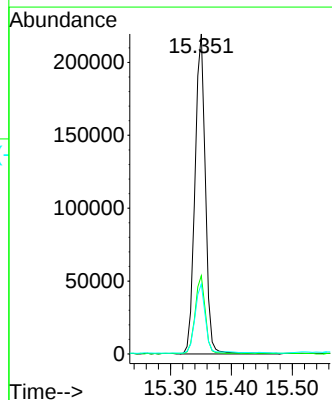
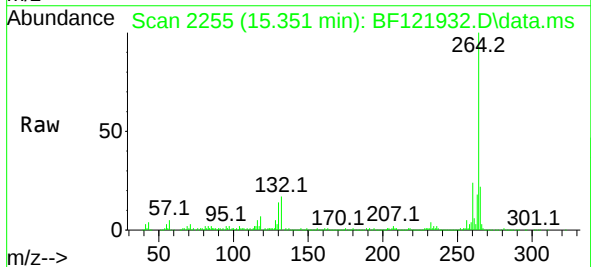


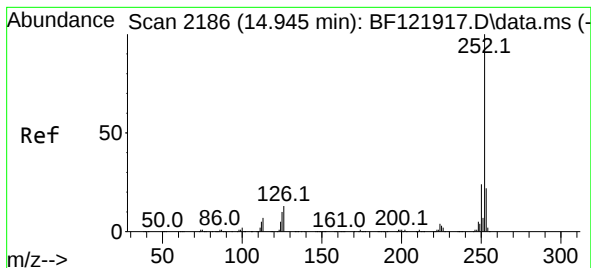
Tgt Ion:244 Resp: 149784
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 12.2 8.1 12.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.351 min Scan# 2255
 Delta R.T. -0.000 min
 Lab File: BF121932.D
 Acq: 12 Oct 2020 22:21

Tgt Ion:264 Resp: 261451
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.7 28.1
 265 21.8 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 2.30 ng

RT: 14.939 min Scan# 2185

Delta R.T. -0.006 min

Lab File: BF121932.D

Acq: 12 Oct 2020 22:21

Tgt Ion:252 Resp: 40692

Ion Ratio Lower Upper

252 100

253 27.9 18.2 27.2#

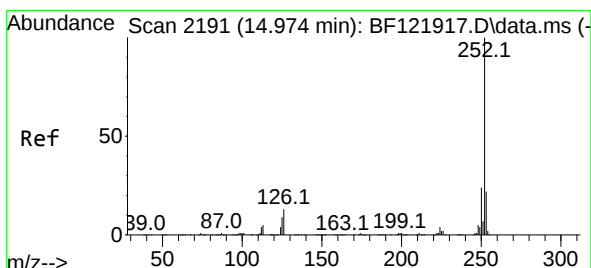
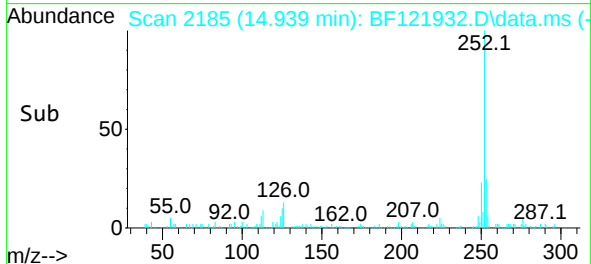
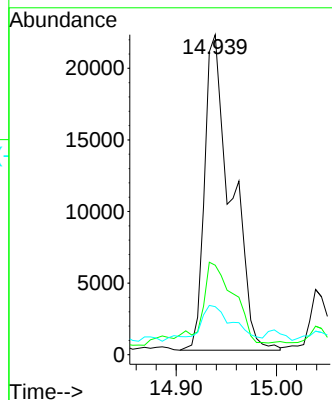
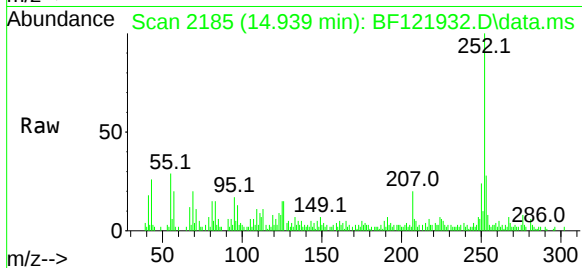
125 15.0 8.0 12.0#

Instrument :

BNA_F

ClientSampleId :

SU-01-100920



#89

Benzo(k)fluoranthene

Concen: 2.42 ng

RT: 14.939 min Scan# 2185

Delta R.T. -0.035 min

Lab File: BF121932.D

Acq: 12 Oct 2020 22:21

Tgt Ion:252 Resp: 40692

Ion Ratio Lower Upper

252 100

253 27.9 17.8 26.6#

125 15.0 7.7 11.5#

