

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
 Data File : BF113758.D
 Acq On : 13 Apr 2019 00:50
 Operator : JU/SJ
 Sample : K2204-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-041119

Manual Integrations
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Sohil
 4/15/2019 12:27:19 AM

Quant Time: Apr 13 04:26:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	107226	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	394199	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	163822	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	327523	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	360936	20.00	ng	-0.02
87) Perylene-d12	15.23	264	254354	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	119785	19.05	ng	0.00
7) Phenol-d6	6.34	99	163986	21.16	ng	0.00
23) Nitrobenzene-d5	7.25	82	91593	13.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	37523	19.07	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	185471	18.23	ng	-0.02
79) Terphenyl-d14	12.76	244	219923	12.41	ng	-0.03
Target Compounds						Qvalue
71) Phenanthrene	11.21	178	111402	6.845	ng	98
72) Anthracene	11.27	178	33990	2.053	ng	99
75) Fluoranthene	12.40	202	188424	10.804	ng	98
78) Pyrene	12.63	202	179720	6.544	ng	98
81) Benzo(a)anthracene	13.81	228	88301	4.241	ng	97
83) Chrysene	13.85	228	87561	4.149	ng	96
88) Benzo(b)fluoranthene	14.84	252	79008m	5.074	ng	
89) Benzo(k)fluoranthene	14.85	252	31747m	2.272	ng	
90) Benzo(a)pyrene	15.17	252	55890	4.040	ng	# 92
92) Benzo(g,h,i)perylene	17.02	276	28014	2.121	ng	# 89

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

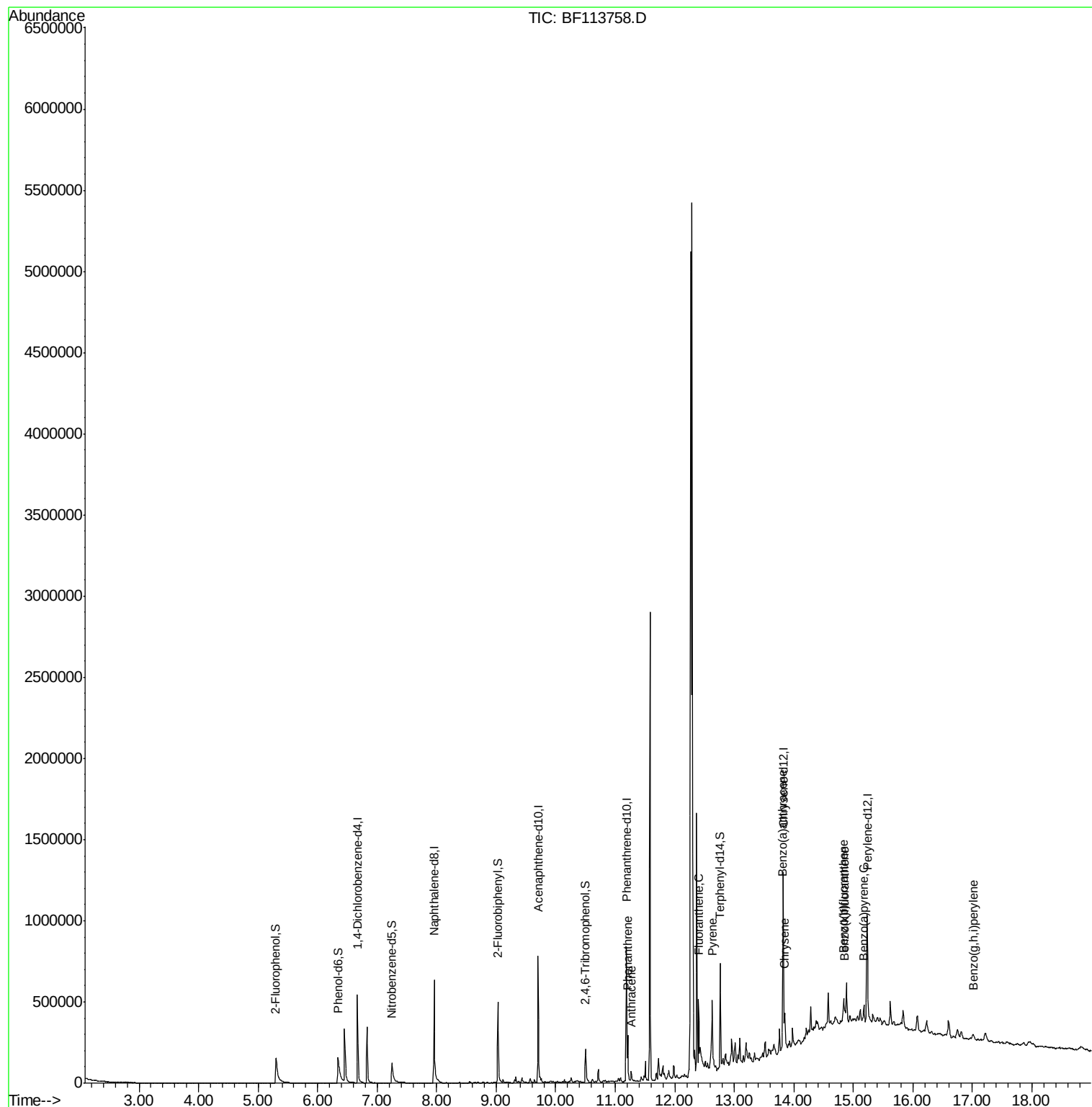
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113758.D
Acq On : 13 Apr 2019 00:50
Operator : JU/SJ
Sample : K2204-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

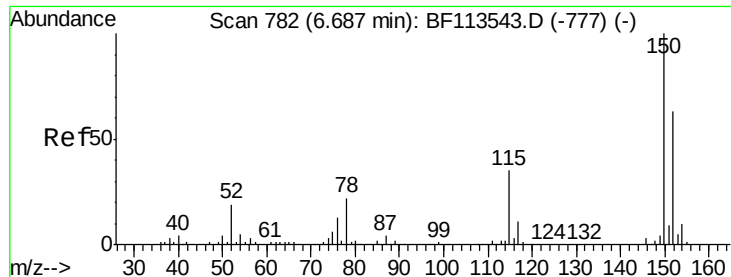
Instrument :
BNA_F
ClientSampleId :
TR-04-041119

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

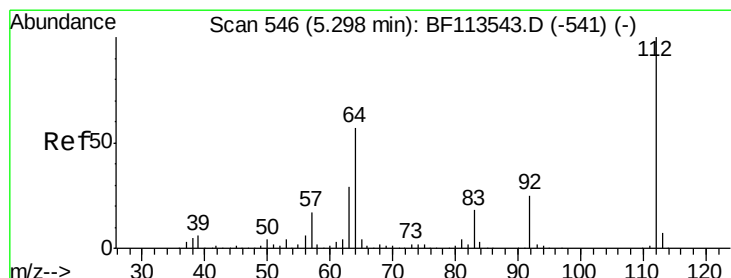
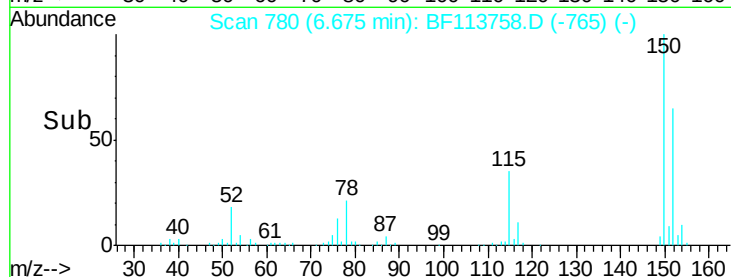
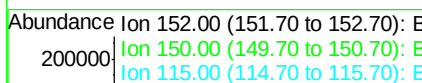
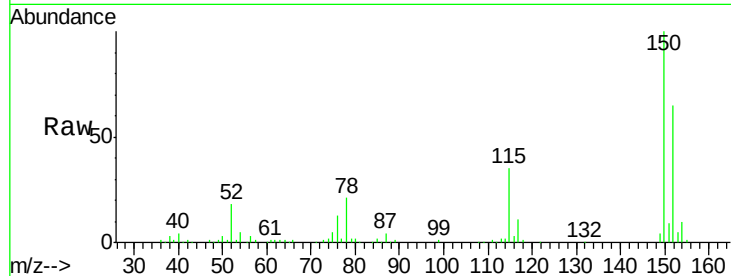
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Instrument :
BNA_F
ClientSampleId :
TR-04-041119

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.7	187.1
115	54.9	46.0	69.0

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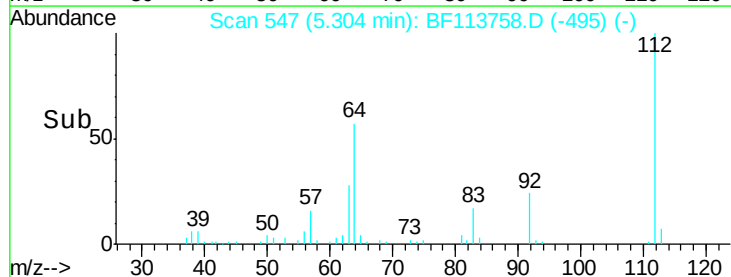
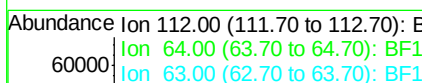
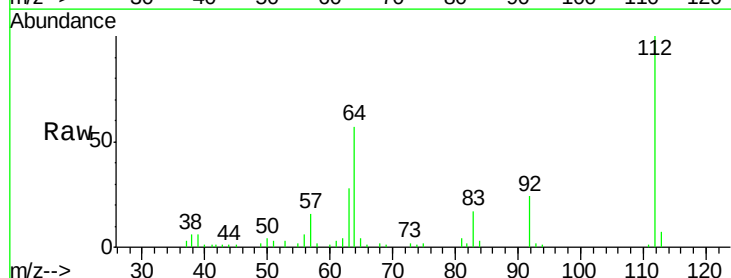
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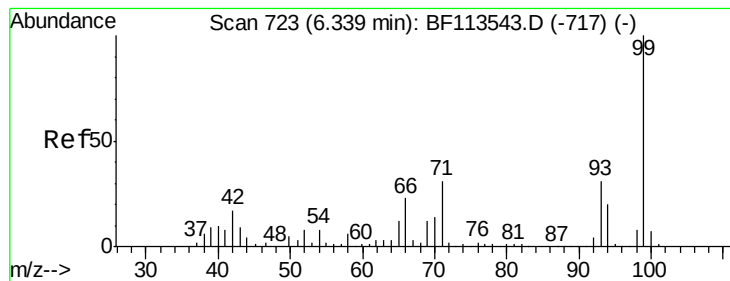


#5

2-Fluorophenol
Concen: 19.050 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	49.2	73.8
63	28.1	24.9	37.3





#7

Phenol-d6

Concen: 21.159 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113758.D

Acq: 13 Apr 2019 00:50

Instrument :

BNA_F

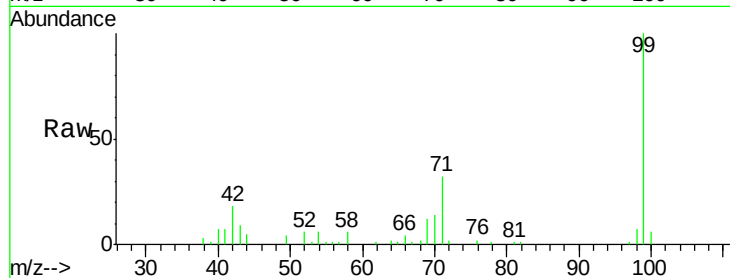
ClientSampleId :

TR-04-041119

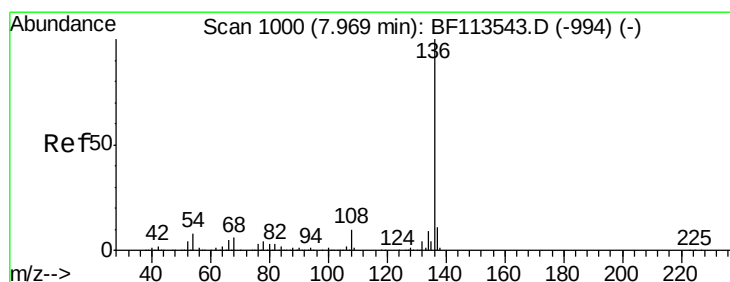
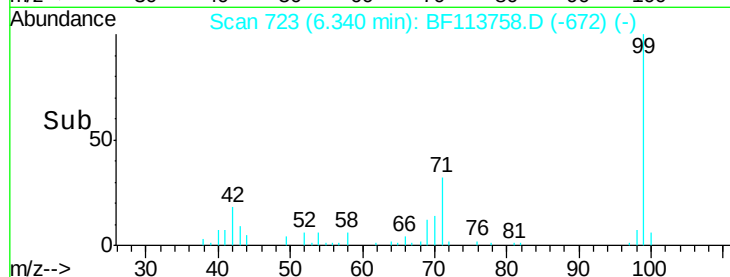
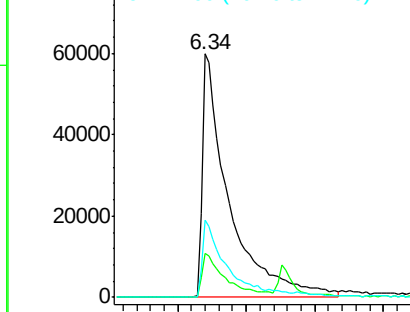
Tgt Ion:	99	Resp:	163986
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.8	22.2
71	31.6	24.9	37.3

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

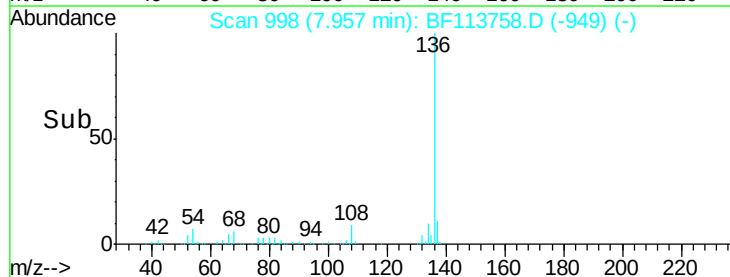
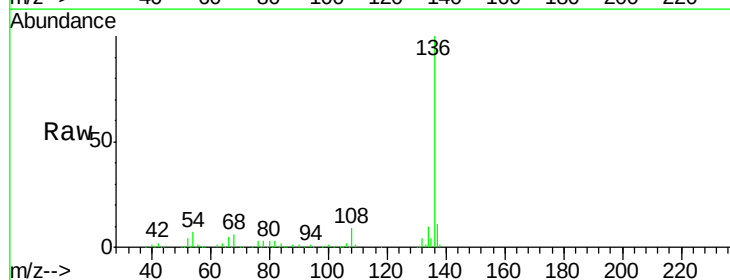
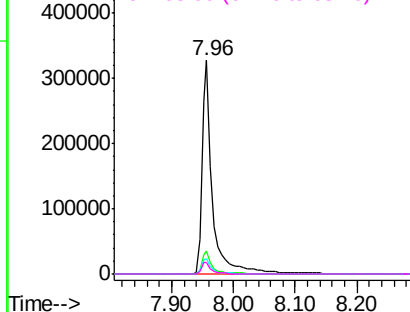
Delta R.T. -0.01 min

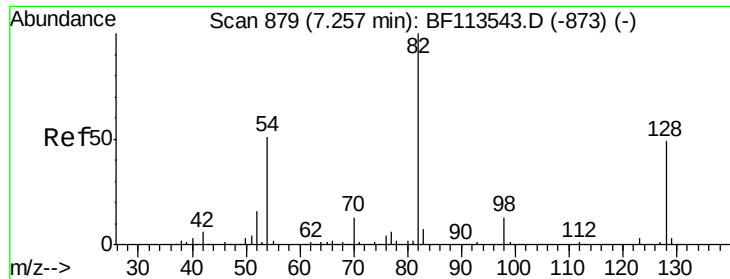
Lab File: BF113758.D

Acq: 13 Apr 2019 00:50

Tgt Ion:	136	Resp:	394199
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.4	7.0	10.6
68	5.7	4.8	7.2

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





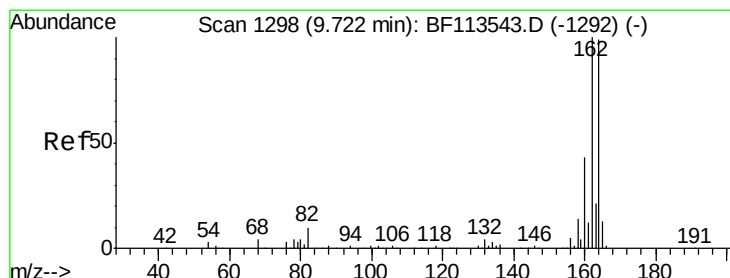
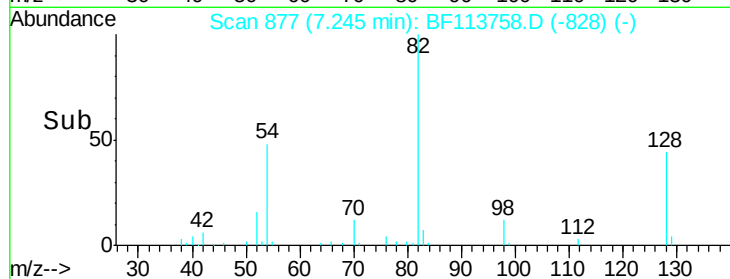
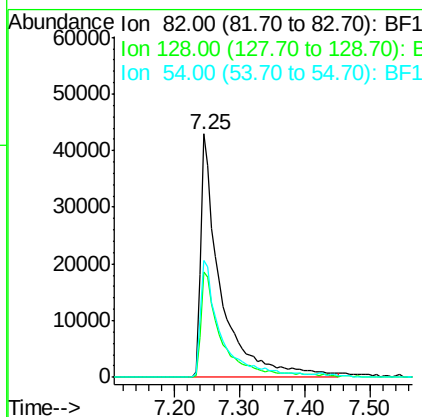
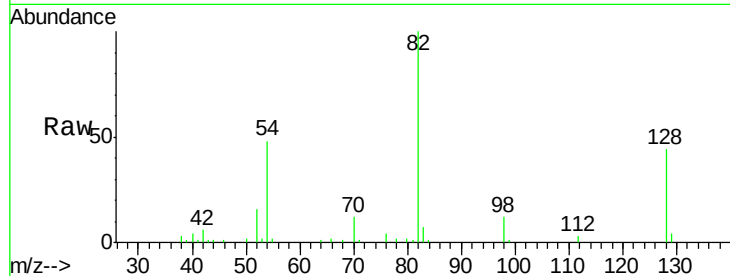
#23
Nitrobenzene-d5
Concen: 13.610 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Instrument :
BNA_F
ClientSampleId :
TR-04-041119

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.5	54.7
54	48.1	42.2	63.2

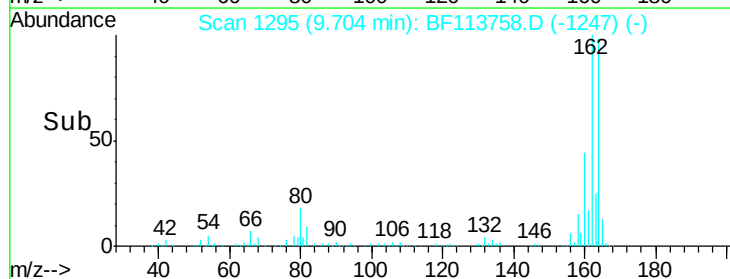
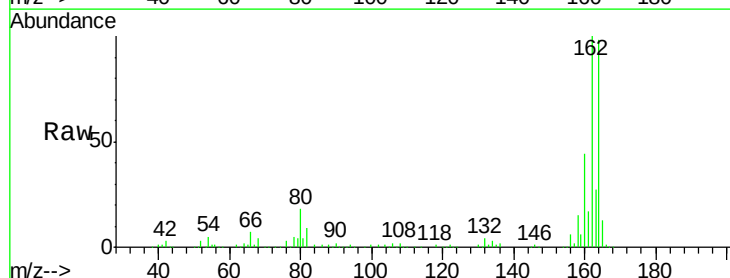
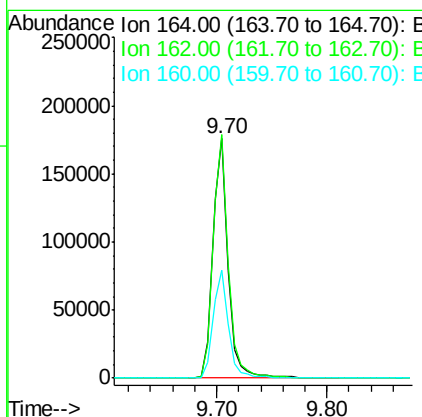
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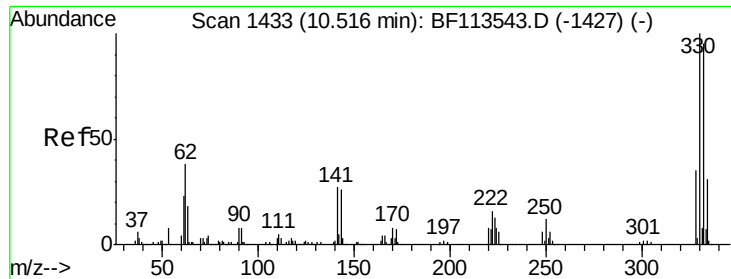
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.8	122.6
160	45.1	36.4	54.6





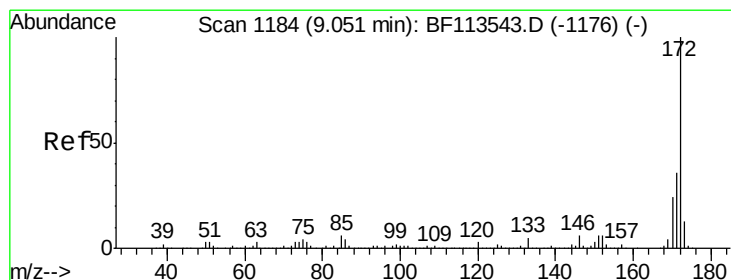
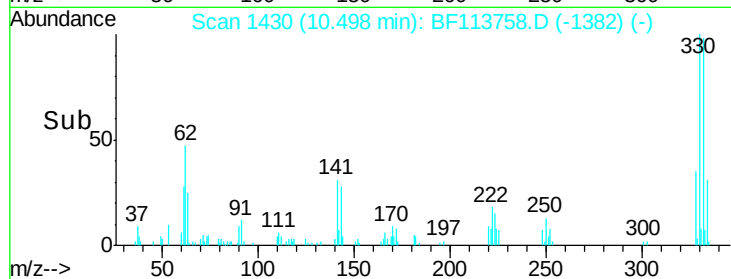
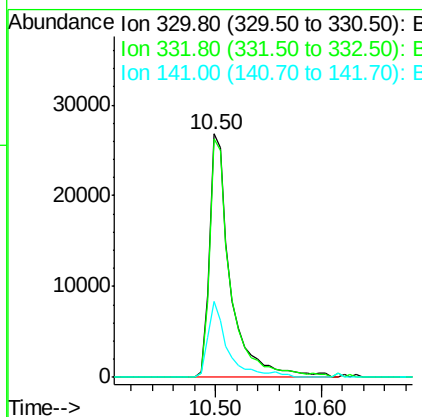
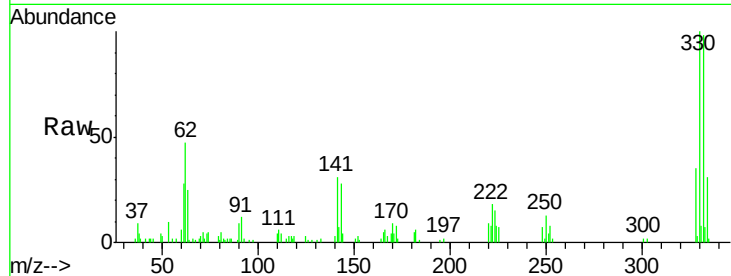
#42
 2,4,6-Tribromophenol
 Concen: 19.068 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113758.D
 Acq: 13 Apr 2019 00:50

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-041119

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	37523		
332	97.0		77.8	116.6
141	29.2		22.7	34.1

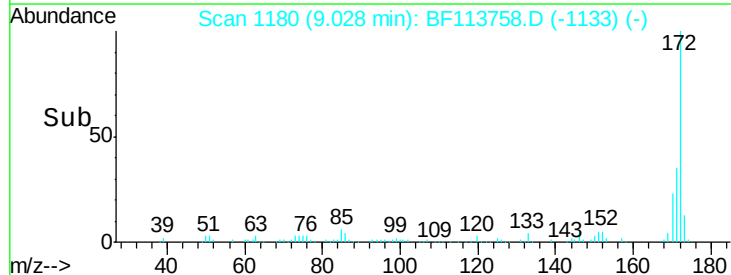
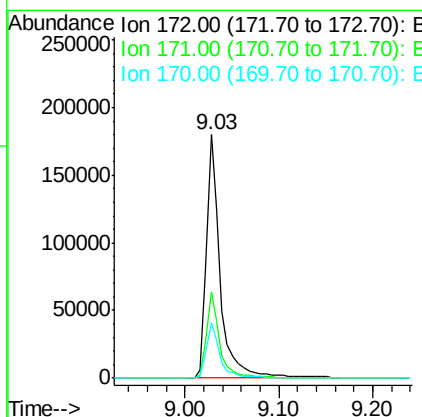
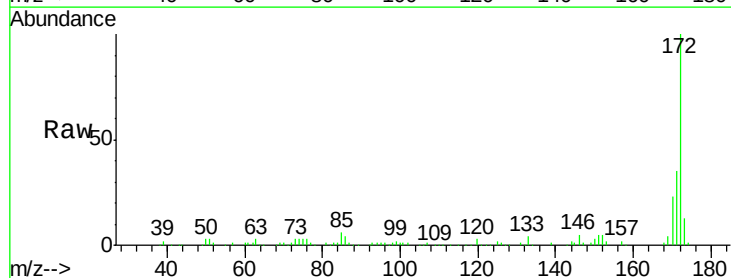
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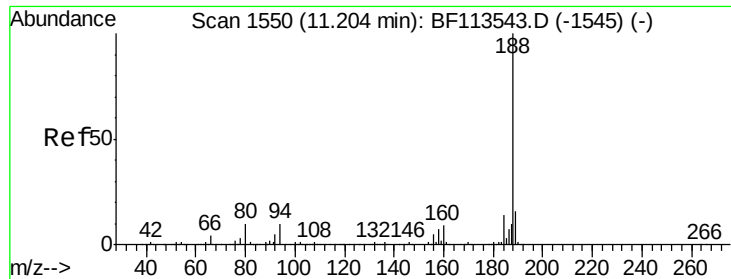
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#45
 2-Fluorobiphenyl
 Concen: 18.226 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113758.D
 Acq: 13 Apr 2019 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	185471		
171	35.4		29.0	43.6
170	22.6		19.5	29.3





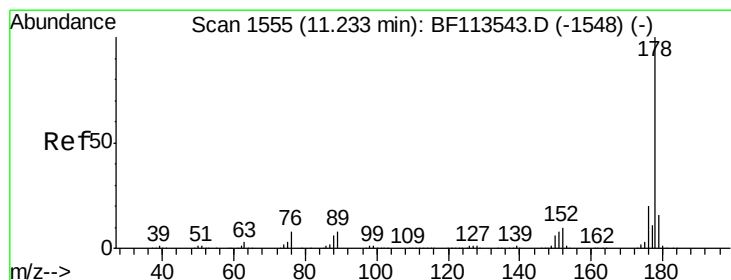
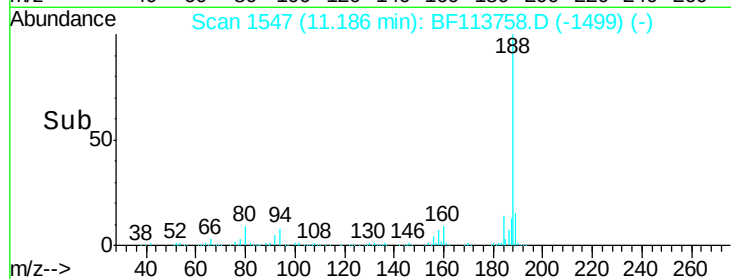
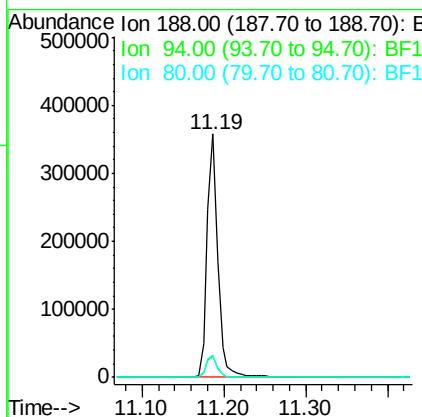
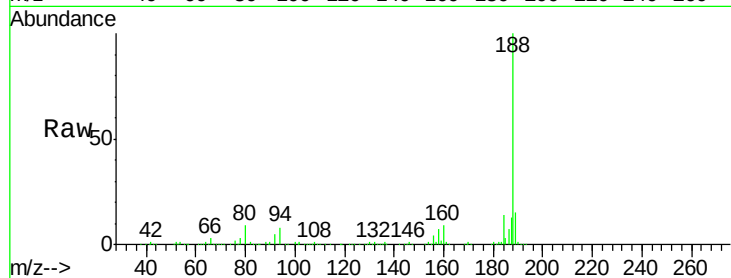
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Instrument :
BNA_F
ClientSampleId :
TR-04-041119

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	327523		
94	8.4		7.0	10.6
80	9.0		7.7	11.5

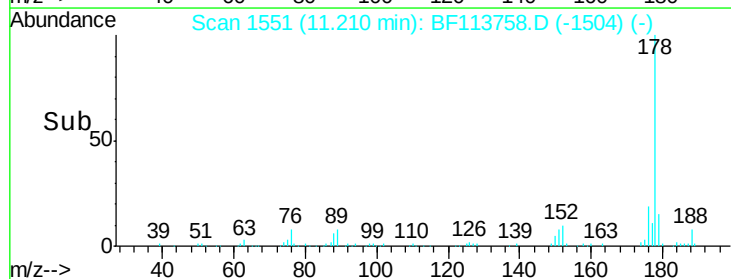
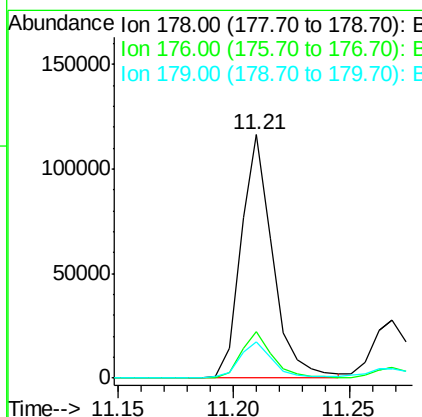
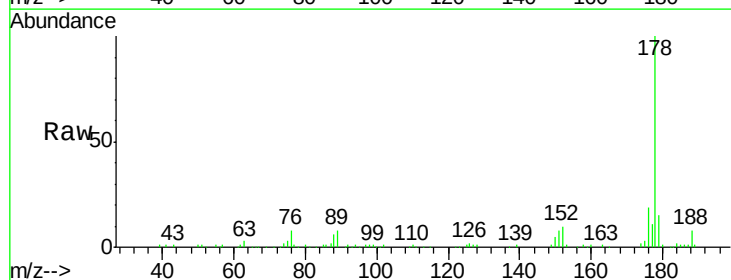
Manual Integrations
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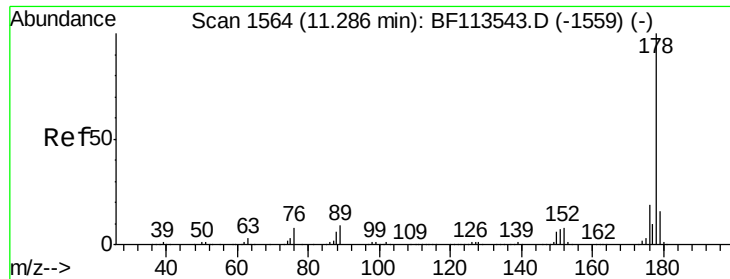
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#71
Phenanthrene
Concen: 6.845 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	111402		
176	19.4		16.2	24.2
179	15.0		12.7	19.1





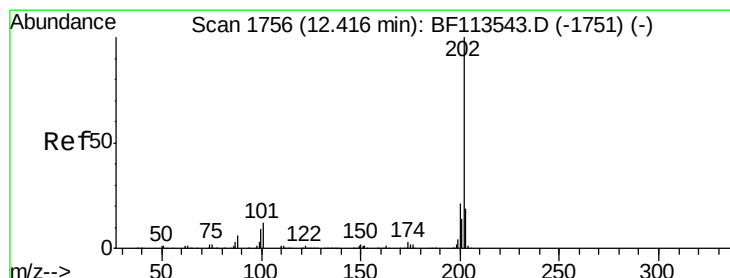
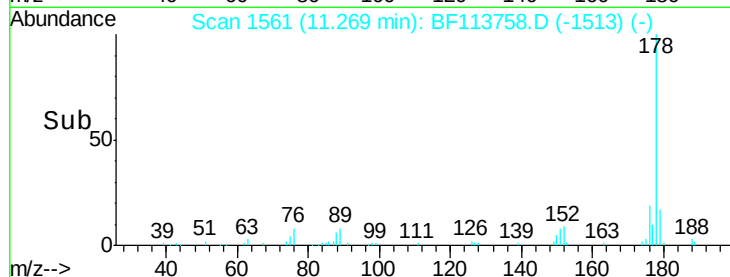
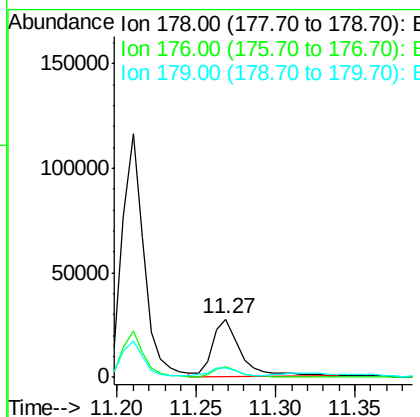
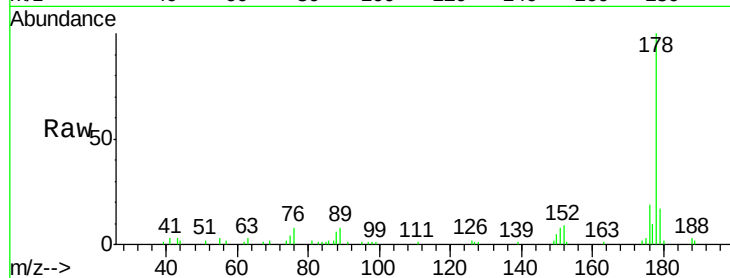
#72
 Anthracene
 Concen: 2.053 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.02 min
 Lab File: BF113758.D
 Acq: 13 Apr 2019 00:50

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-041119

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	16.8	12.8	19.2

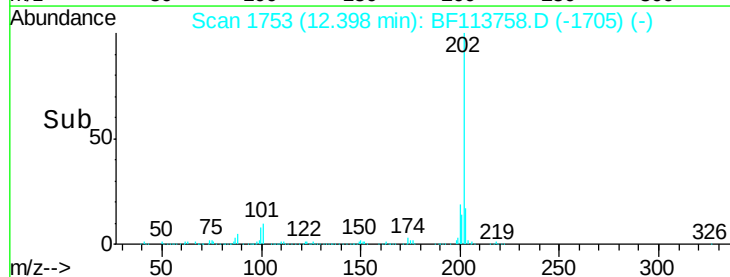
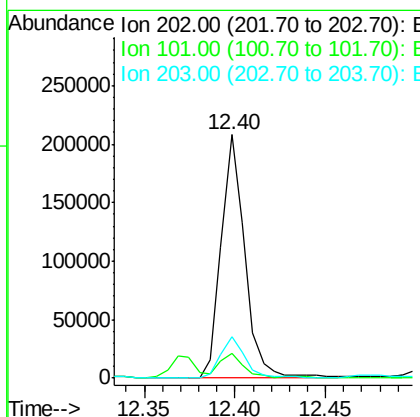
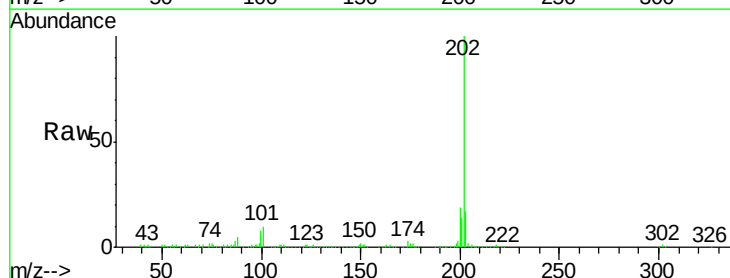
Manual Integrations
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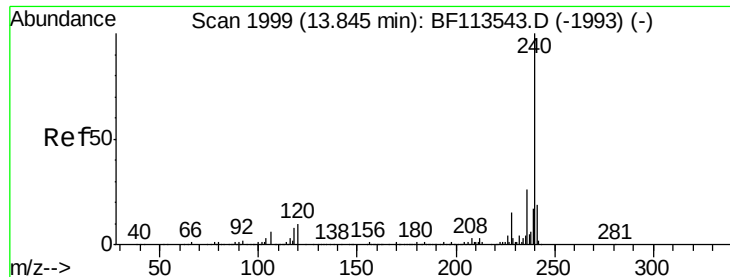
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#75
 Fluoranthene
 Concen: 10.804 ng
 RT: 12.40 min Scan# 1753
 Delta R.T. -0.02 min
 Lab File: BF113758.D
 Acq: 13 Apr 2019 00:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.4
203	17.1	0.0	38.0





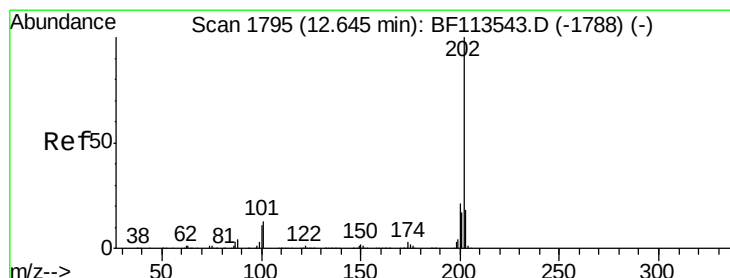
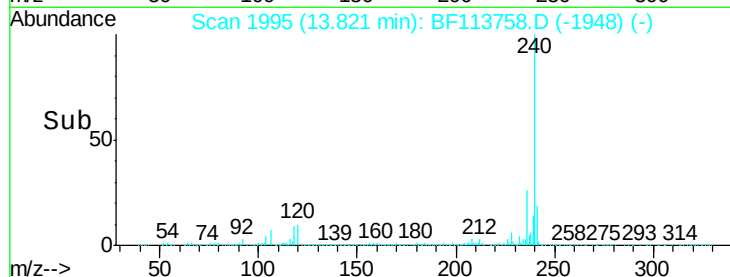
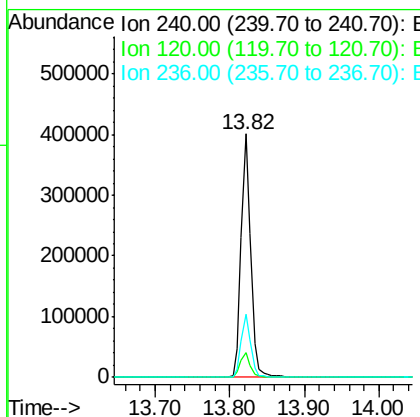
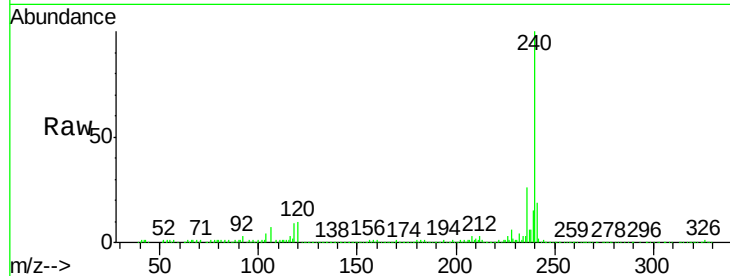
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Instrument :
BNA_F
ClientSampleId :
TR-04-041119

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	360936		
120	10.2	8.8	13.2	
236	25.9	20.9	31.3	

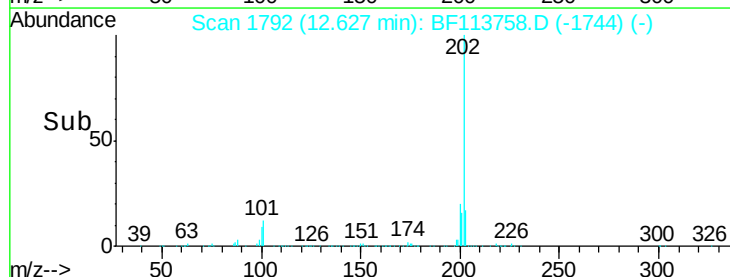
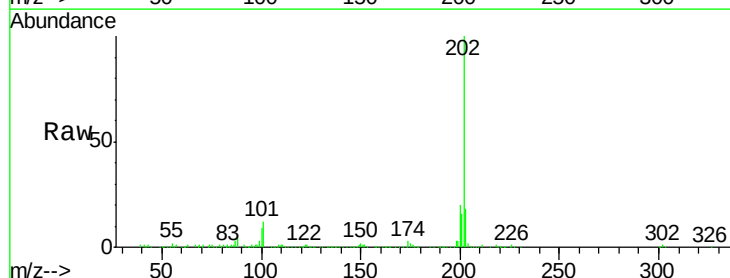
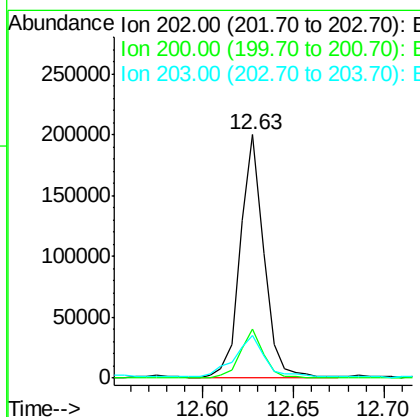
Manual Integrations
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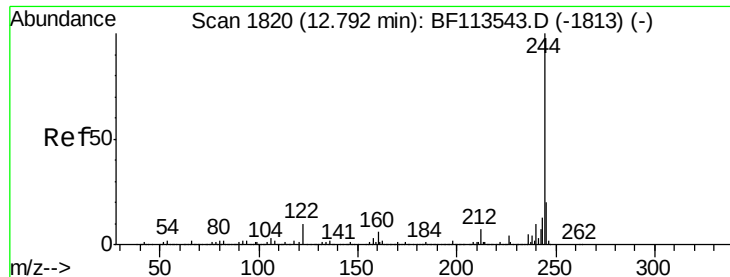
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#78
Pyrene
Concen: 6.544 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	179720		
200	20.0	16.8	25.2	
203	17.6	14.4	21.6	





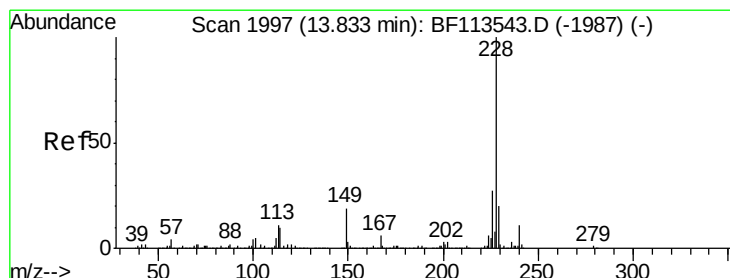
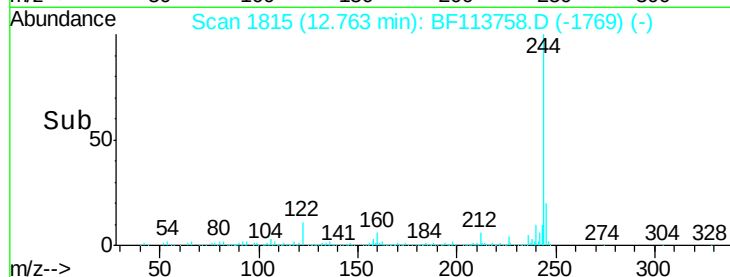
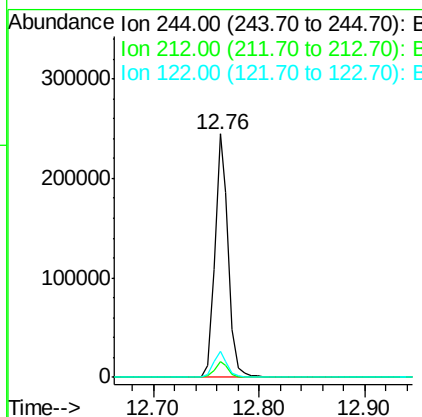
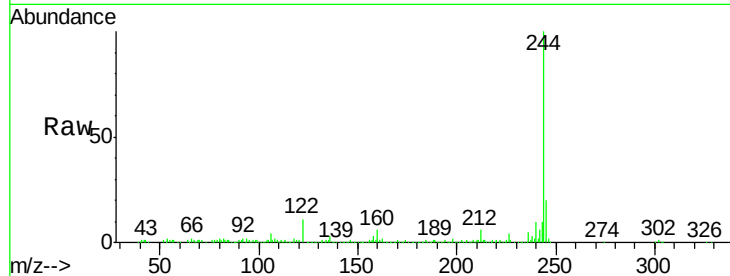
#79
 Terphenyl-d14
 Concen: 12.406 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BF113758.D
 Acq: 13 Apr 2019 00:50

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-041119

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	219923		
212	6.3		5.5	8.3
122	10.8		8.6	13.0

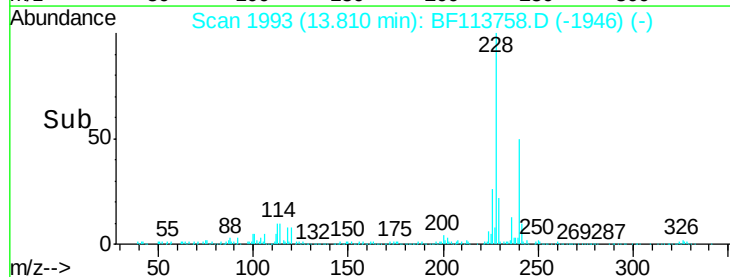
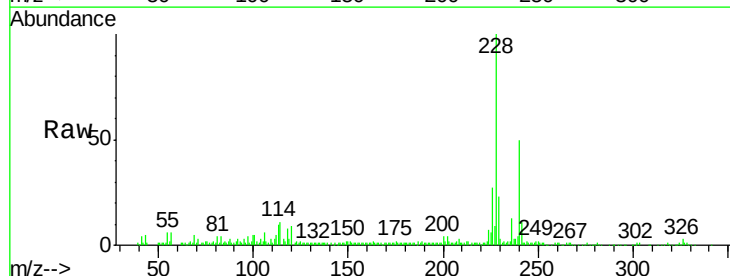
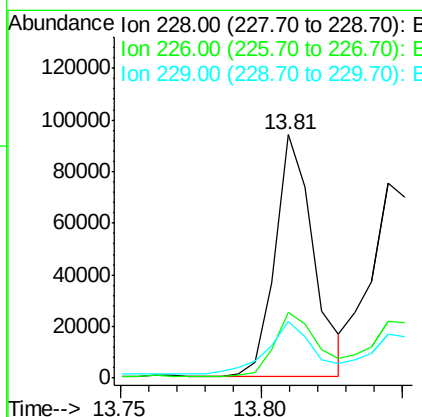
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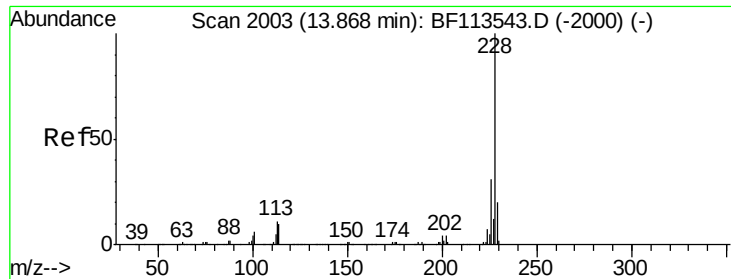
Sohil
 4/15/2019 12:27:19 AM



#81
 Benzo(a)anthracene
 Concen: 4.241 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF113758.D
 Acq: 13 Apr 2019 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	88301		
226	26.9		21.8	32.8
229	23.1		16.2	24.4





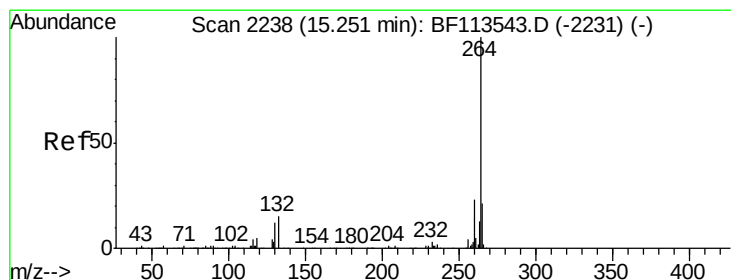
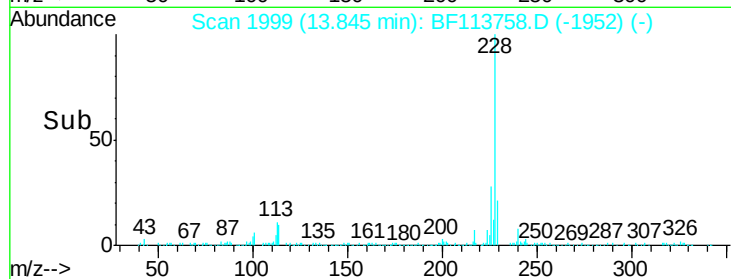
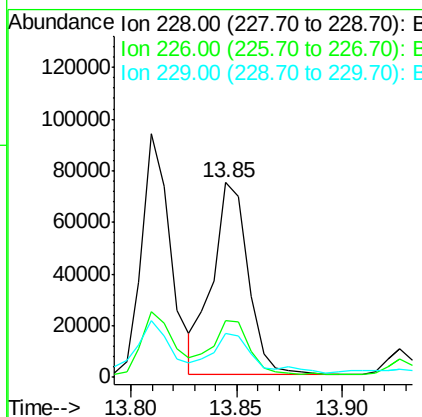
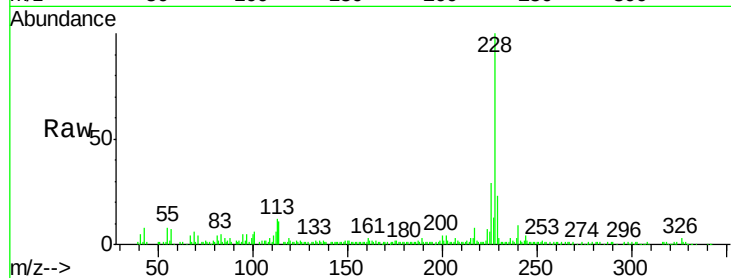
#83
Chrysene
Concen: 4.149 ng
RT: 13.85 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Instrument :
BNA_F
ClientSampleId :
TR-04-041119

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.3	36.5
229	22.9	16.3	24.5

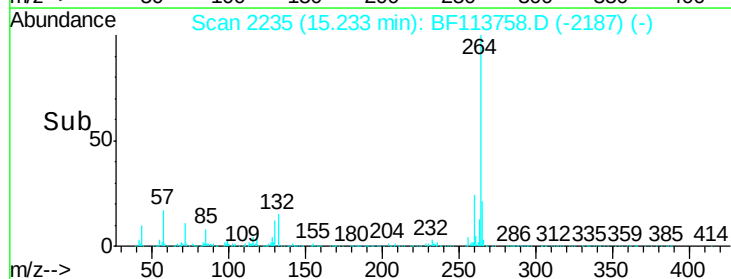
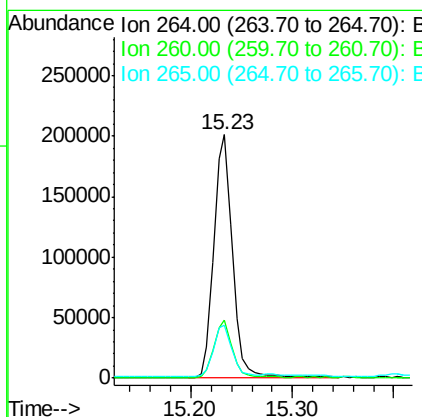
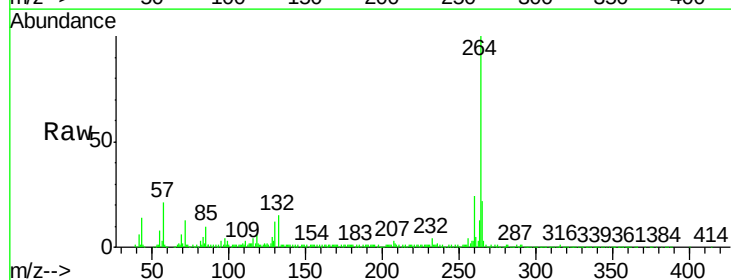
Manual Integrations
APPROVED

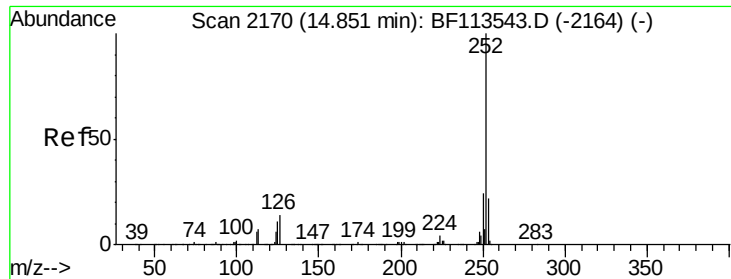
Sohil
4/15/2019 12:27:19 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.6	17.1	25.7





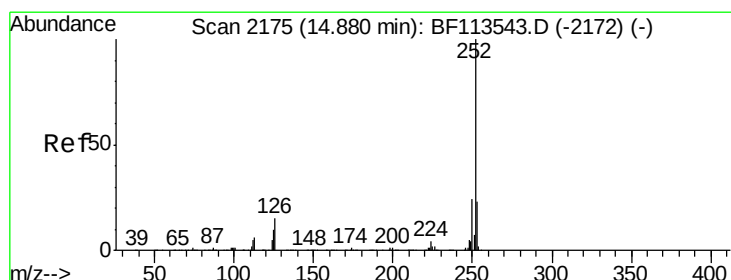
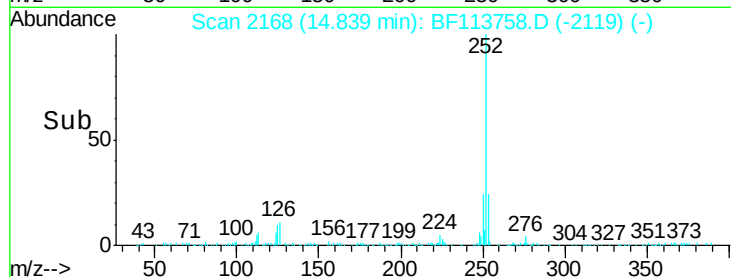
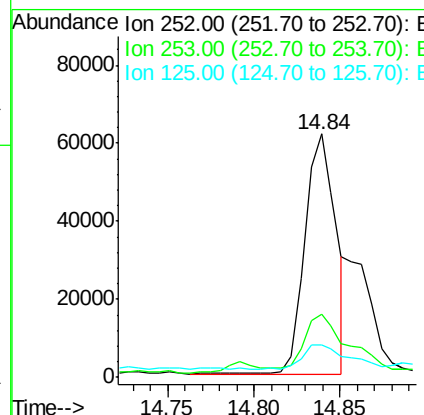
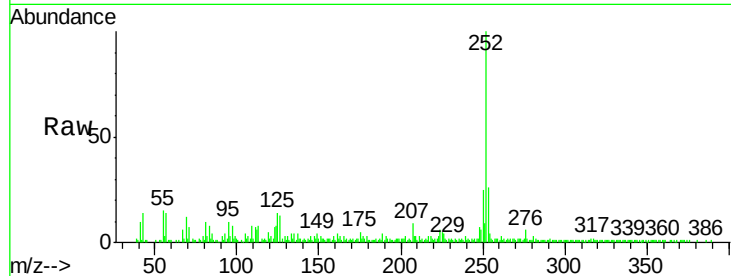
#88
Benzo(b)fluoranthene
Concen: 5.074 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Instrument :
BNA_F
ClientSampleId :
TR-04-041119

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.0	27.0
125	13.6	7.6	11.4

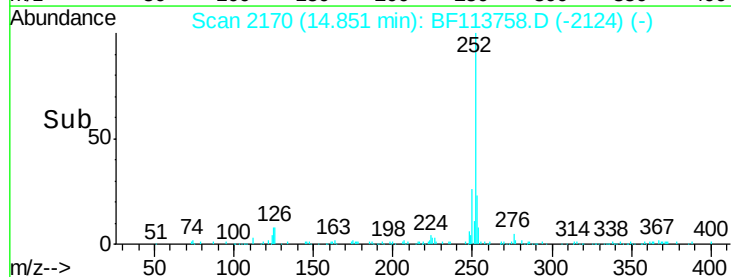
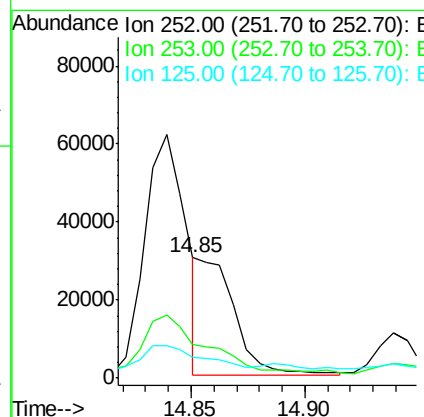
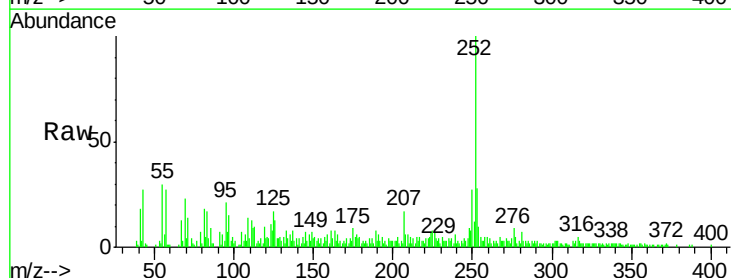
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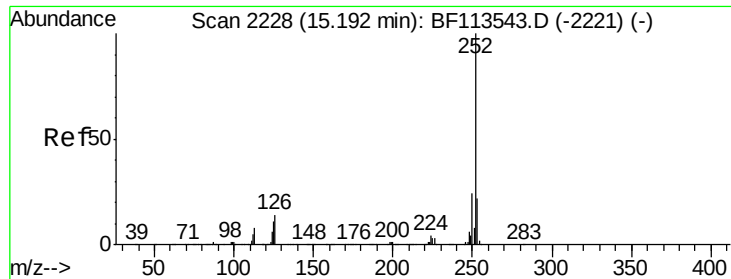
Sohil
4/15/2019 12:27:19 AM



#89
Benzo(k)fluoranthene
Concen: 2.272 ng m
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.7	26.5
125	17.3	7.3	10.9





#90

Benzo(a)pyrene

Concen: 4.040 ng

RT: 15.17 min Scan# 2225

Delta R.T. -0.02 min

Lab File: BF113758.D

Acq: 13 Apr 2019 00:50

Instrument :

BNA_F

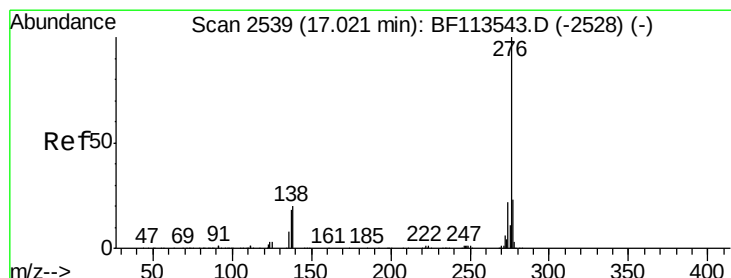
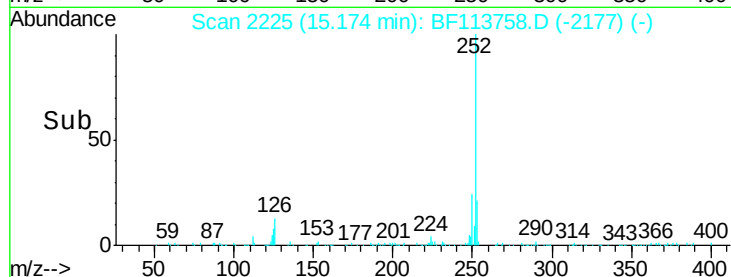
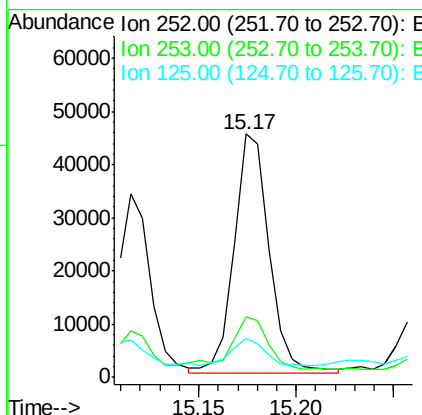
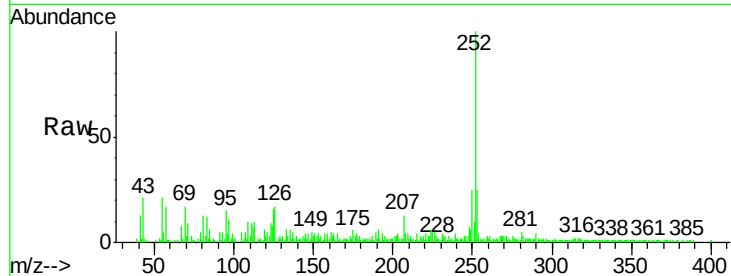
ClientSampleId :

TR-04-041119

Tgt Ion:	252	Resp:	55890
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.9	26.9
125	15.7	8.8	13.2#

Manual Integrations
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Sohil
4/15/2019 12:27:19 AM



#92

Benzo(g,h,i)perylene

Concen: 2.121 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BF113758.D

Acq: 13 Apr 2019 00:50

Tgt Ion:	276	Resp:	28014
Ion Ratio	Lower	Upper	
276	100		
277	27.4	18.8	28.2
138	25.8	15.6	23.4#

