

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111417.D
 Acq On : 14 Dec 2018 14:32
 Operator : JU/SJ
 Sample : J6319-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 056_BT-1-2

Manual Integrations
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Sohil
 12/17/2018 2:36:20 PM

Quant Time: Dec 14 15:50:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	168054	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	650053	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	363964	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	651297	20.00	ng	0.00
76) Chrysene-d12	13.94	240	427429	20.00	ng	0.00
87) Perylene-d12	15.38	264	370518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	901846	89.30	ng	0.00
7) Phenol-d6	6.44	99	1254467	93.38	ng	0.00
23) Nitrobenzene-d5	7.36	82	842169	77.15	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	204113	62.60	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1301511	55.24	ng	0.00
79) Terphenyl-d14	12.90	244	1205745	66.24	ng	0.00
Target Compounds						
10) Phenol	6.45	94	82517	5.514	ng	87
38) 1-Methylnaphthalene	8.89	142	231423	11.643	ng	# 98
50) Dimethylphthalate	9.54	163	146511	5.589	ng	98
75) Fluoranthene	12.52	202	93468	2.847	ng	96
78) Pyrene	12.74	202	99511	3.302	ng	95
81) Benzo(a)anthracene	13.93	228	50205	2.160	ng	98
86) Indeno(1,2,3-cd)pyrene	16.79	276	58617	3.317	ng	# 90
88) Benzo(b)fluoranthene	14.97	252	81271m	3.762	ng	
90) Benzo(a)pyrene	15.32	252	65695	3.372	ng	97
92) Benzo(g,h,i)perylene	17.20	276	55957	3.710	ng	95

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

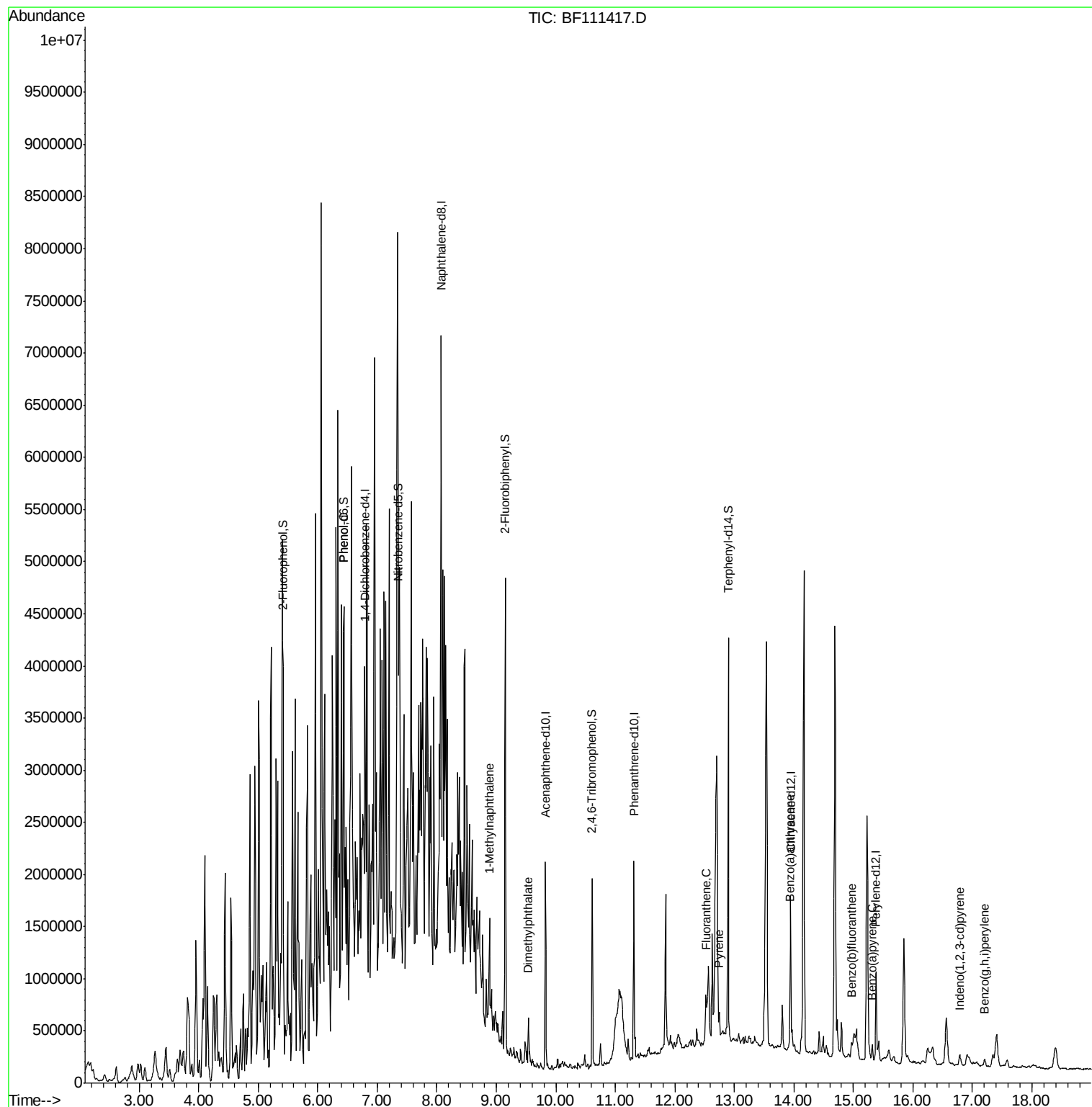
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111417.D
Acq On : 14 Dec 2018 14:32
Operator : JU/SJ
Sample : J6319-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

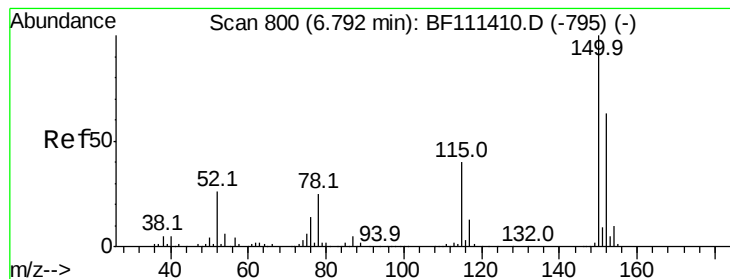
Instrument :
BNA_F
ClientSampleId :
056_BT-1-2

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
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QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration





#1

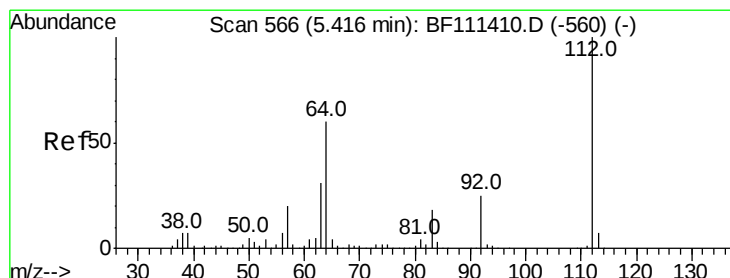
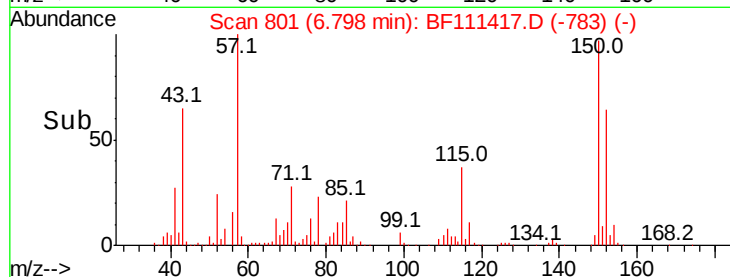
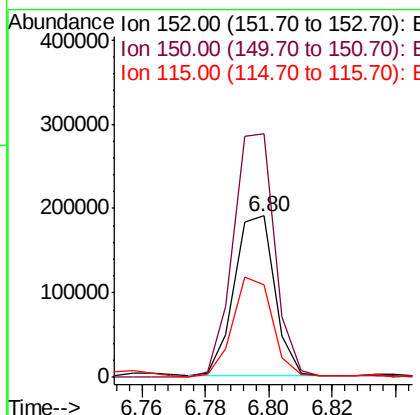
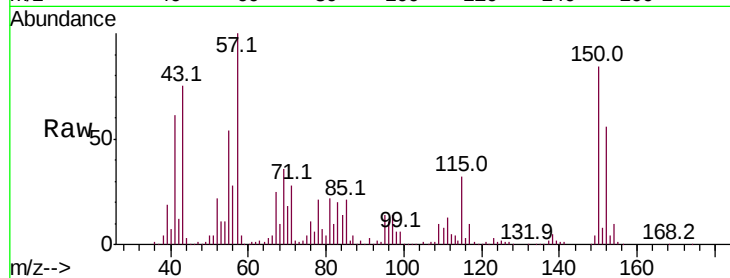
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Instrument :
BNA_F
ClientSampleId :
056_BT-1-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	126.6	189.8
115	57.0	50.7	76.1

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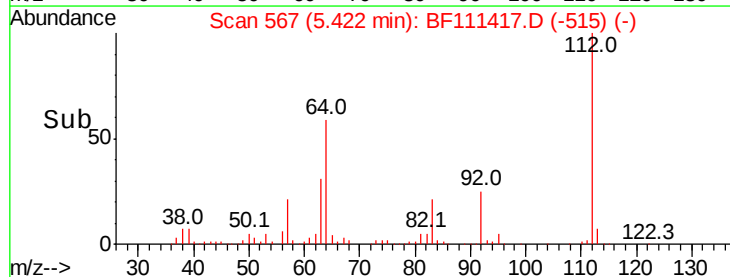
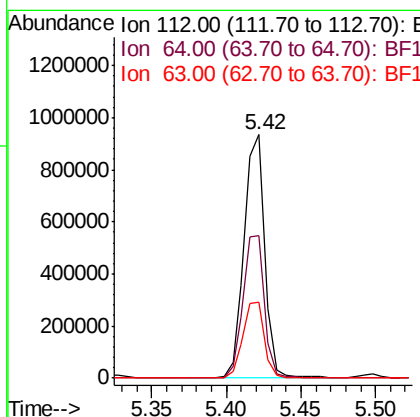
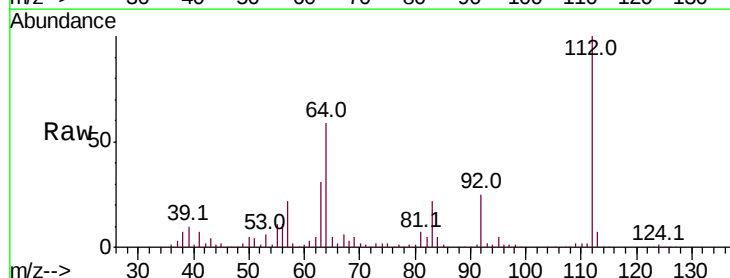
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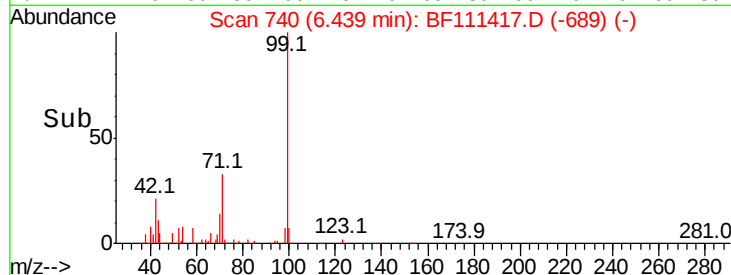
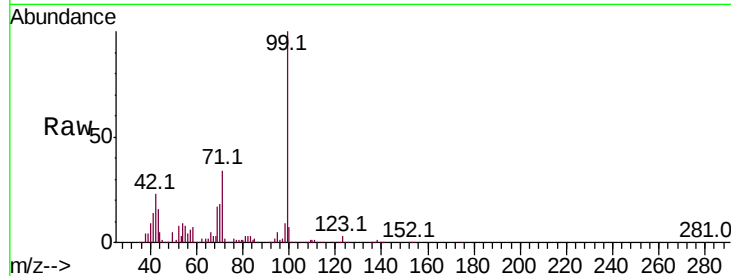
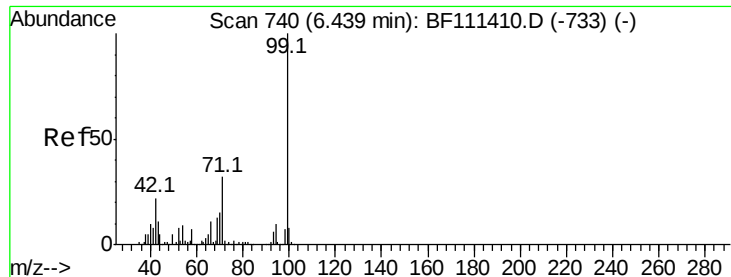


#5

2-Fluorophenol
Concen: 89.300 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	51.8	77.6
63	30.9	26.8	40.2





#7

Phenol-d6

Concen: 93.384 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111417.D

Acq: 14 Dec 2018 14:32

Tot Ion:	99	Resp:	1254467
Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.4	26.0
71	34.3	26.1	39.1

Instrument :

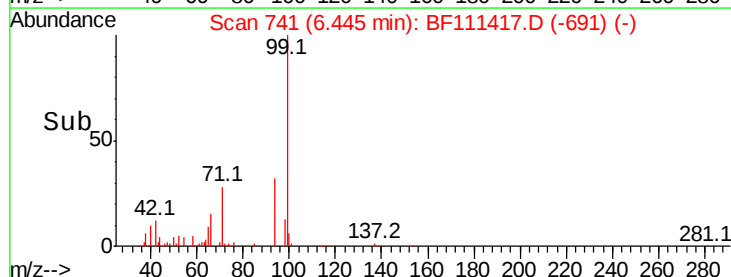
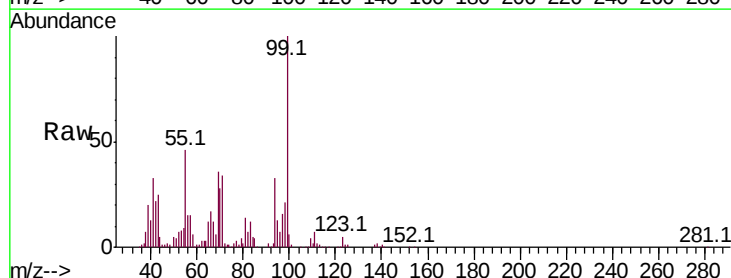
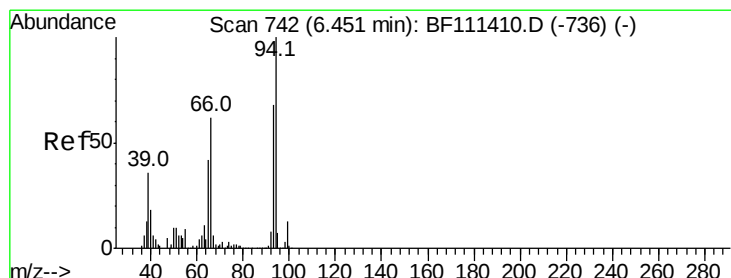
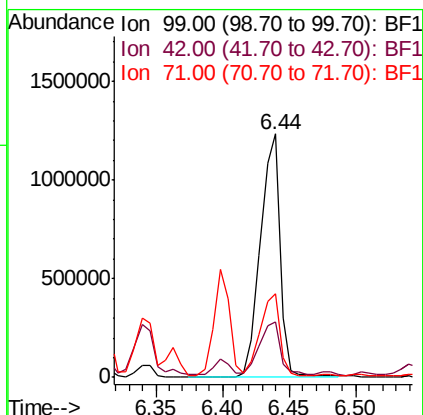
BNA_F

ClientSampleId :

056_BT-1-2

Manual Integrations
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#10

Phenol

Concen: 5.514 ng

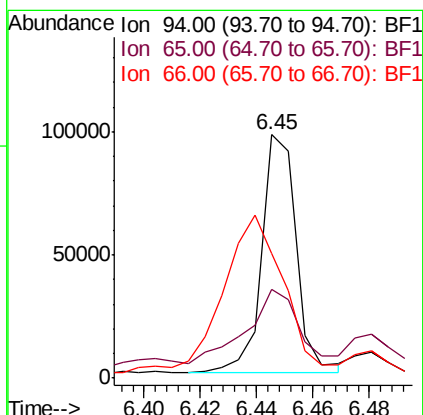
RT: 6.45 min Scan# 741

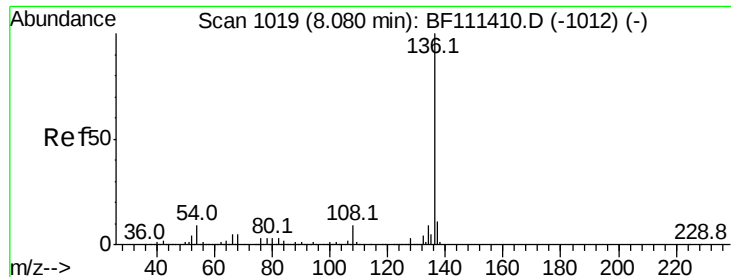
Delta R.T. -0.01 min

Lab File: BF111417.D

Acq: 14 Dec 2018 14:32

Tgt Ion:	94	Resp:	82517
Ion	Ratio	Lower	Upper
94	100		
65	36.4	11.7	51.7
66	51.1	21.0	61.0





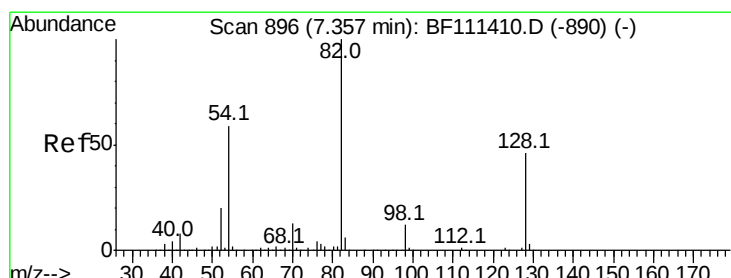
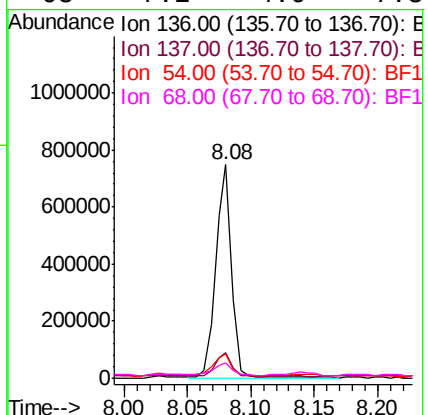
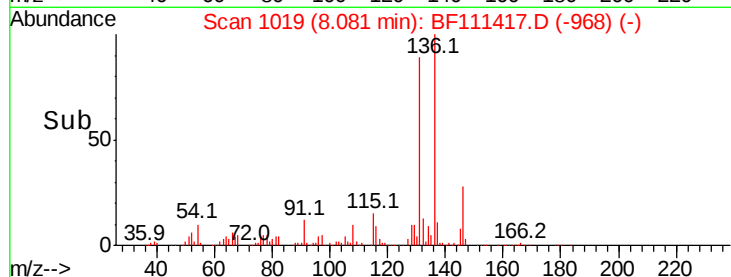
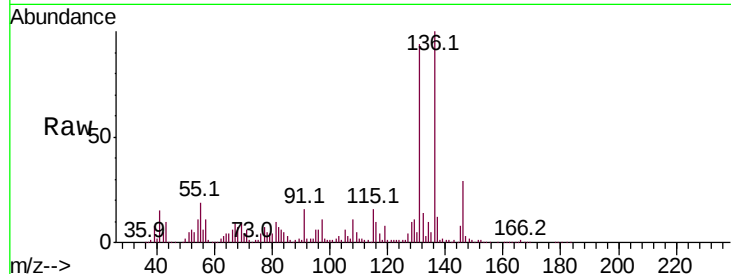
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Instrument :
BNA_F
ClientSampleId :
056_BT-1-2

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.1	9.1	13.7	
54	11.1	7.7	11.5	
68	7.2	4.9	7.3	

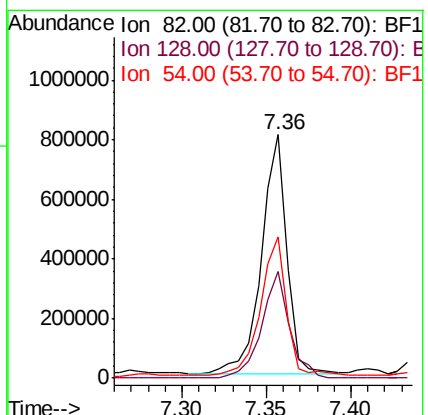
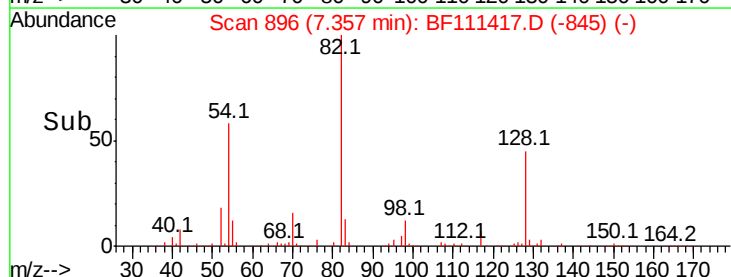
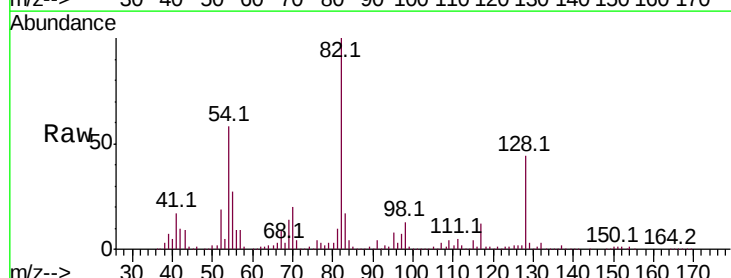
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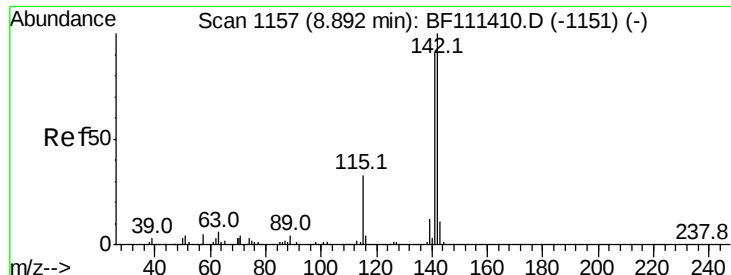
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#23
Nitrobenzene-d5
Concen: 77.148 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.9	37.4	56.2	
54	57.9	47.6	71.4	





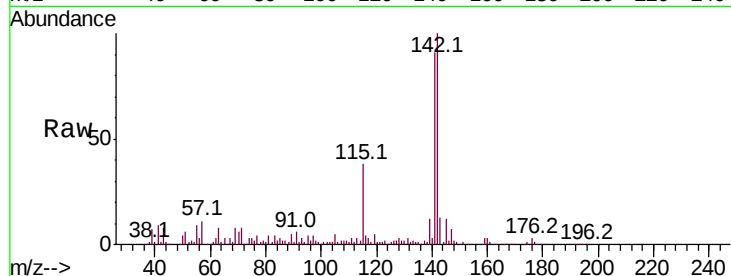
#38
1-Methylnaphthalene
Concen: 11.643 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Instrument :
BNA_F
ClientSampleId :
056_BT-1-2

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	90.7	74.2	111.4
116	4.4	2.9	4.3#

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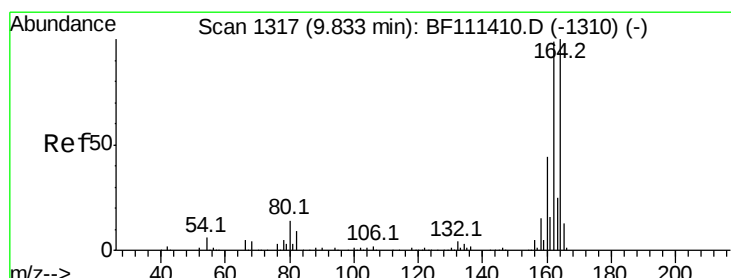
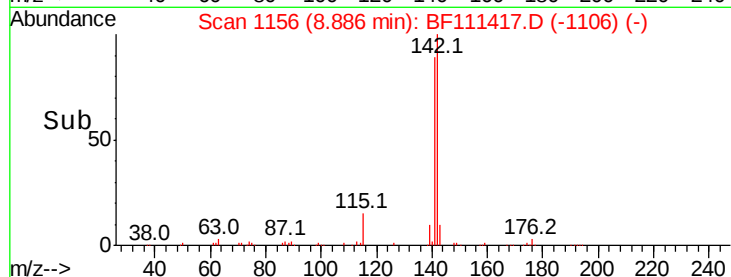
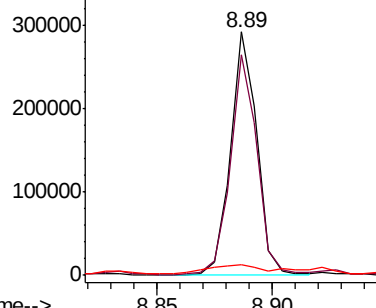


Abundance

Ion 142.00 (141.70 to 142.70): E

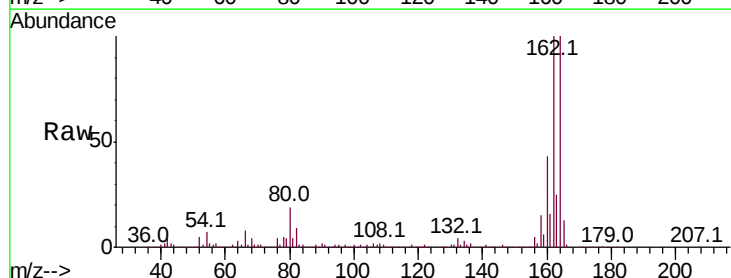
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	99.5	81.4	122.0
160	42.8	35.7	53.5

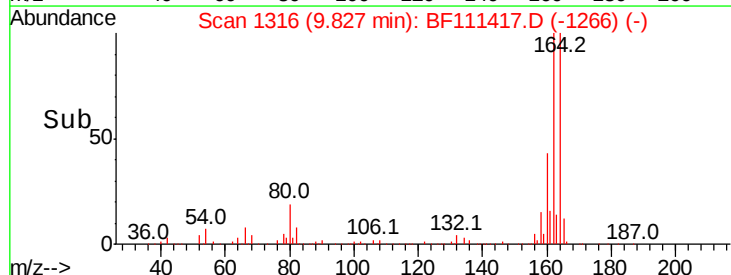
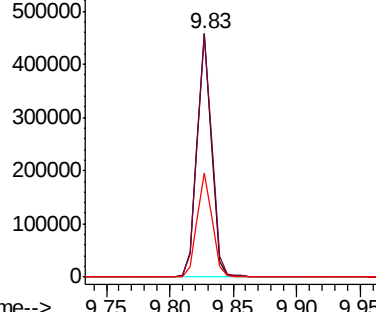


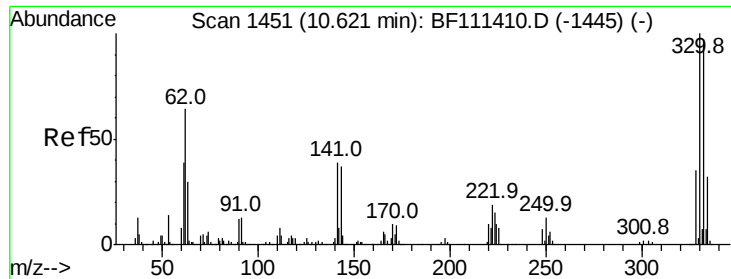
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





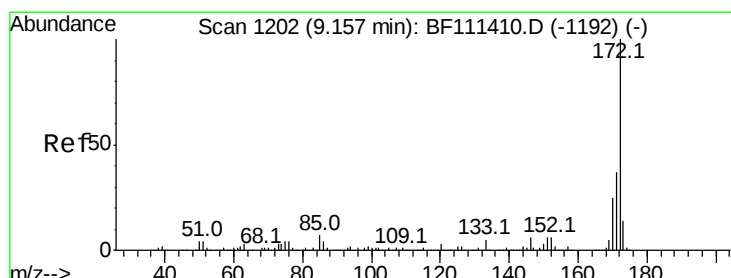
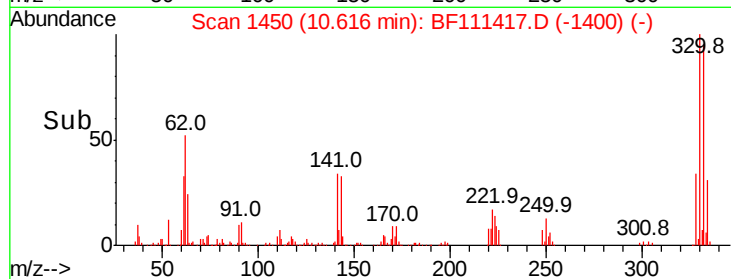
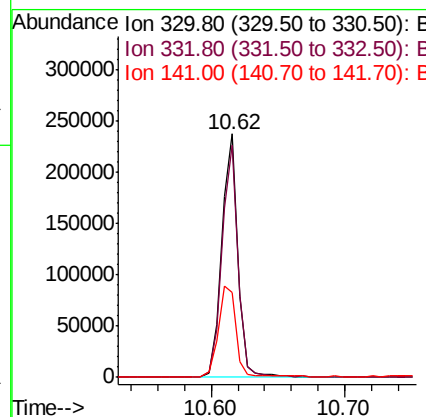
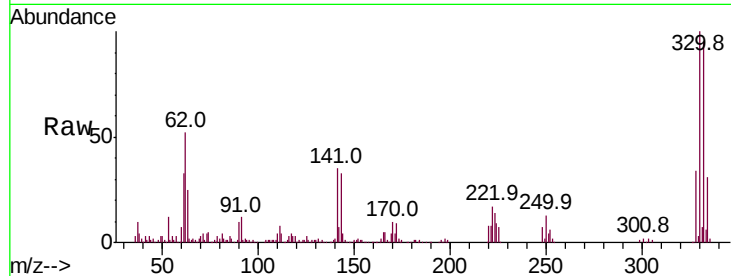
#42
 2,4,6-Tribromophenol
 Concen: 62.605 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111417.D
 Acq: 14 Dec 2018 14:32

Instrument :
 BNA_F
 ClientSampleId :
 056_BT-1-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100	204113		
332	95.6	76.0	114.0	
141	40.9	31.0	46.6	

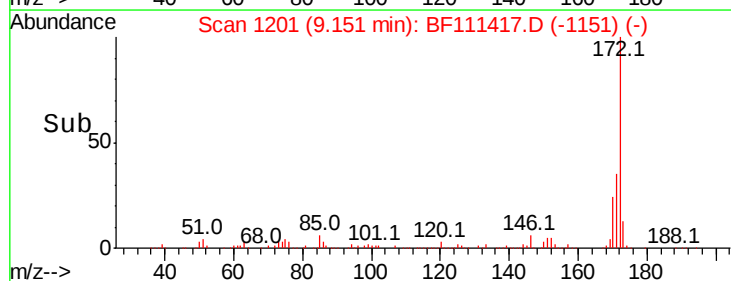
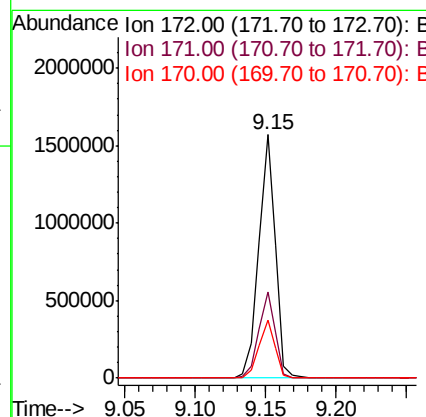
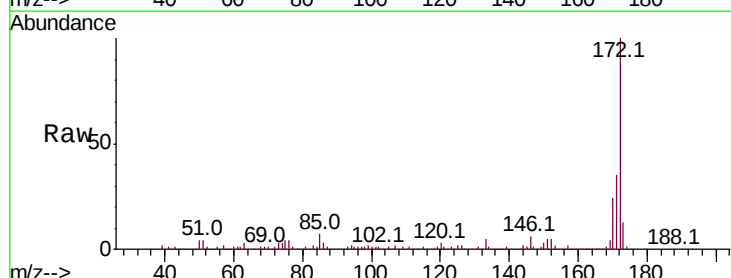
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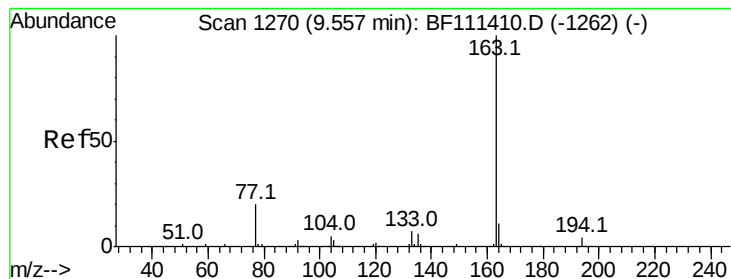
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#45
 2-Fluorobiphenyl
 Concen: 55.235 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111417.D
 Acq: 14 Dec 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1301511		
171	35.4	33.0	49.4	
170	23.7	22.3	33.5	





#50

Dimethylphthalate

Concen: 5.589 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF111417.D

Acq: 14 Dec 2018 14:32

Instrument :

BNA_F

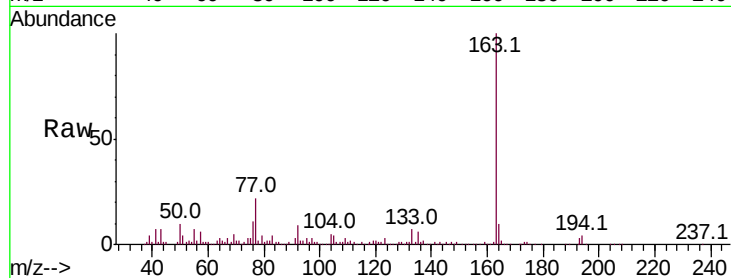
ClientSampled :

056_BT-1-2

Tot Ion:	163	Resp:	146511
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.0	4.6
164	10.1	8.9	13.3

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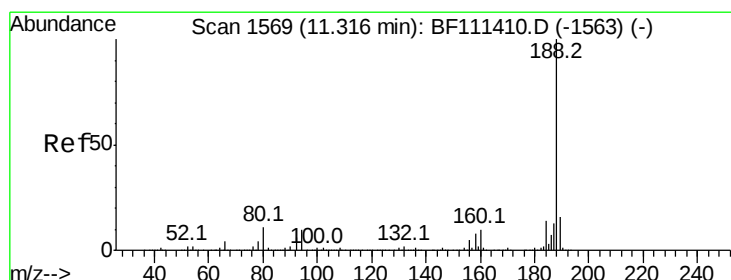
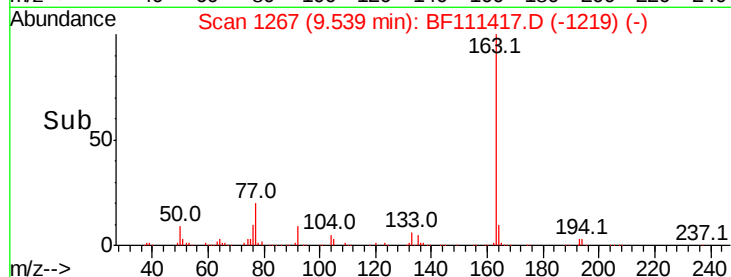
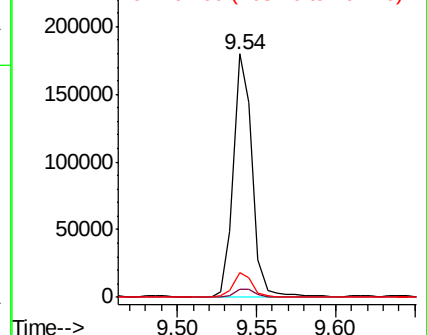


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

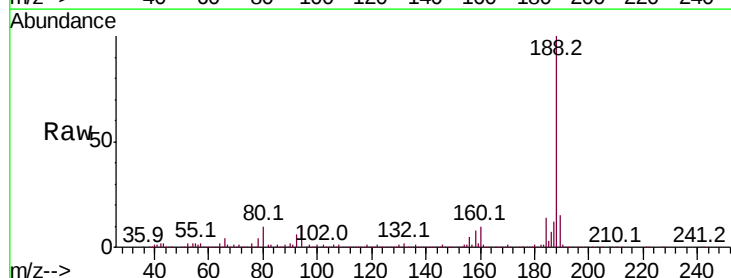
RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111417.D

Acq: 14 Dec 2018 14:32

Tgt Ion:	188	Resp:	651297
Ion Ratio	Lower	Upper	
188	100		
94	10.5	9.6	14.4
80	10.4	9.8	14.6

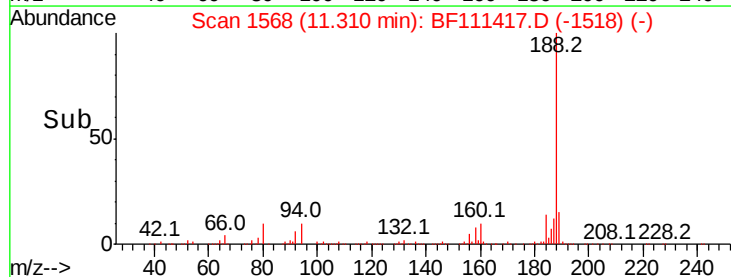
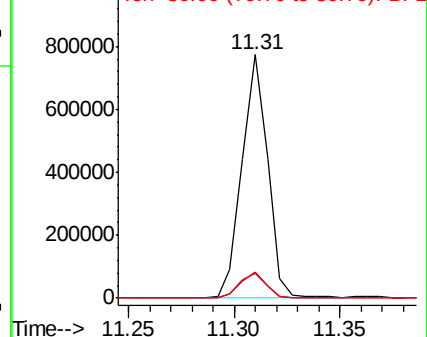


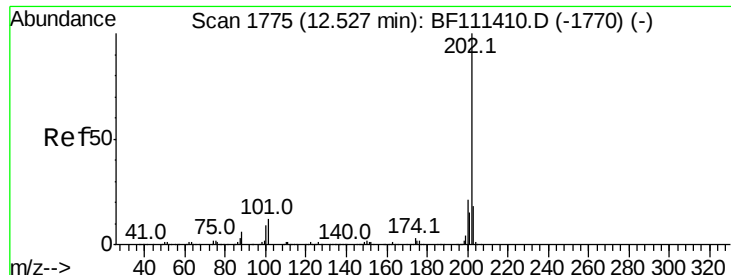
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.847 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111417.D

Acq: 14 Dec 2018 14:32

Instrument :

BNA_F

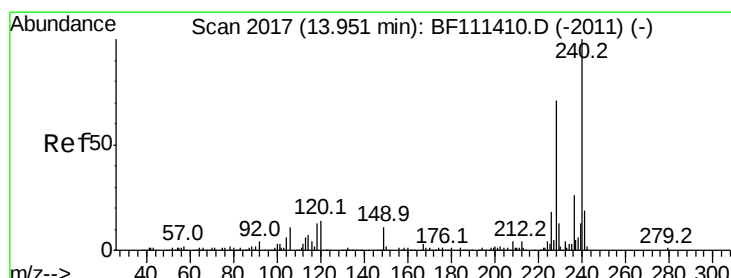
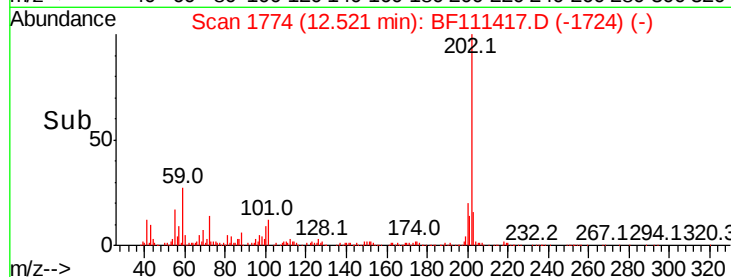
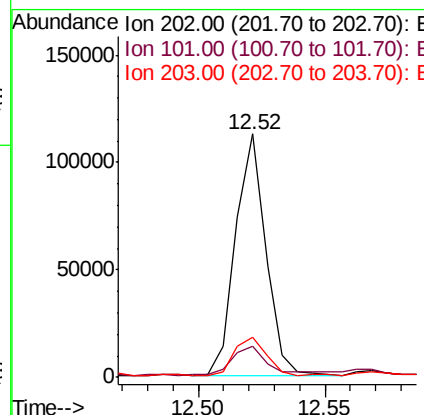
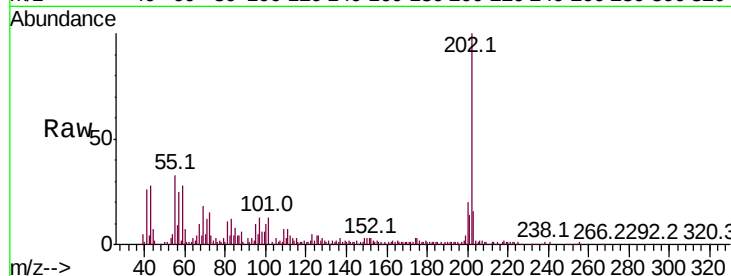
ClientSampleId :

056_BT-1-2

Tot Ion:	202	Resp:	93468
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	33.8
203	16.3	0.0	38.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

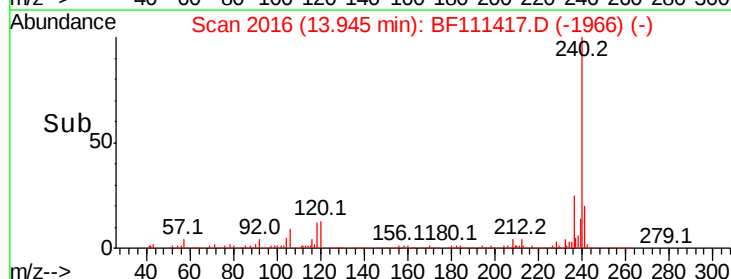
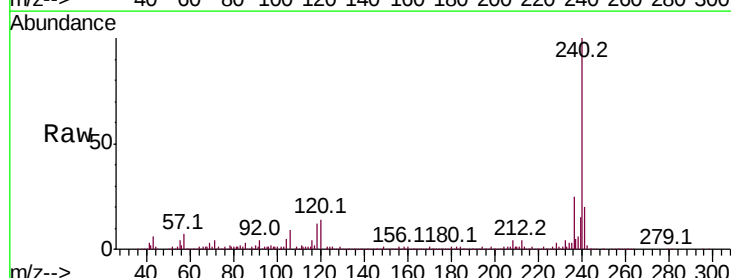
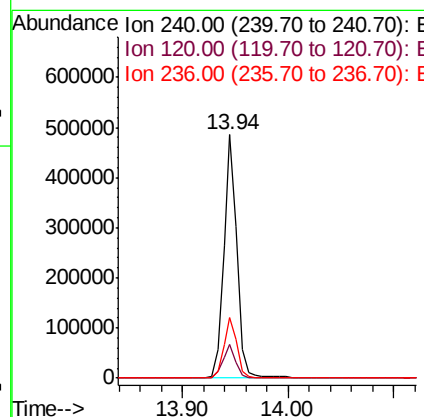
RT: 13.94 min Scan# 2016

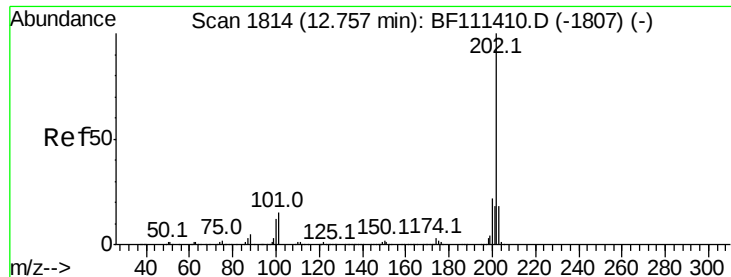
Delta R.T. -0.01 min

Lab File: BF111417.D

Acq: 14 Dec 2018 14:32

Tgt Ion:	240	Resp:	427429
Ion Ratio	Lower	Upper	
240	100		
120	13.6	12.2	18.2
236	24.8	20.2	30.2





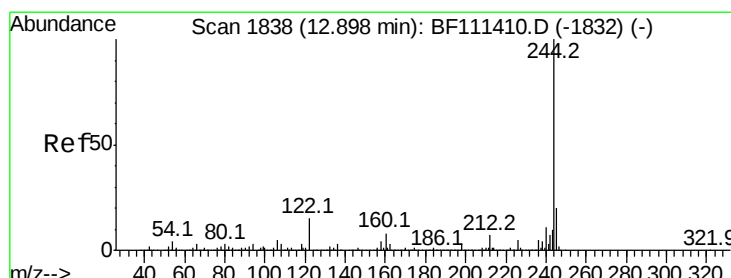
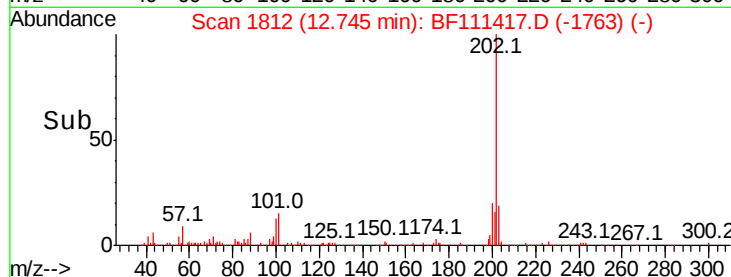
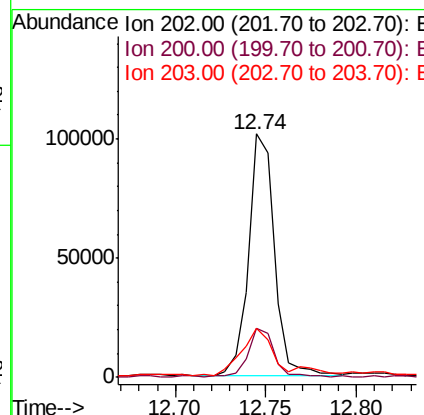
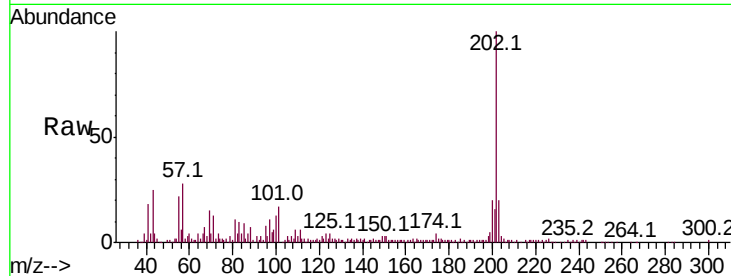
#78
Pvrene
Concen: 3.302 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Instrument :
BNA_F
ClientSampleId :
056_BT-1-2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.3	19.0	28.4
203	20.4	15.2	22.8

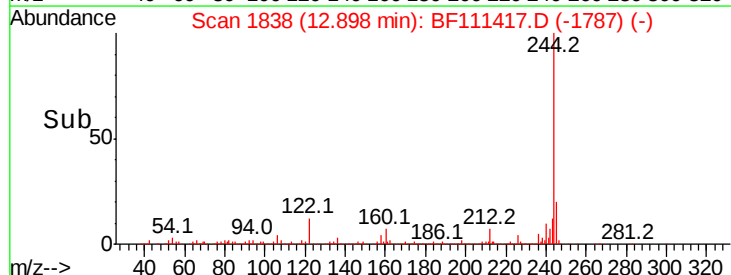
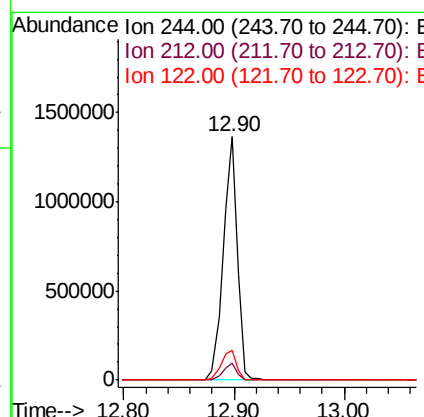
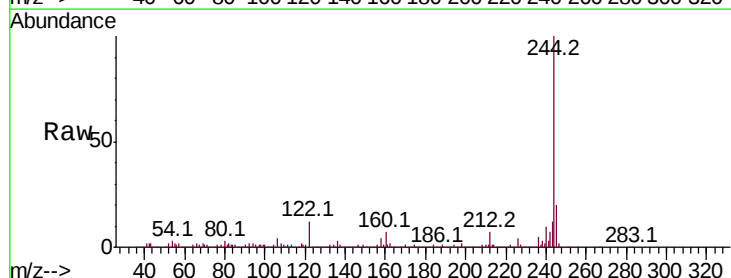
Manual Integrations
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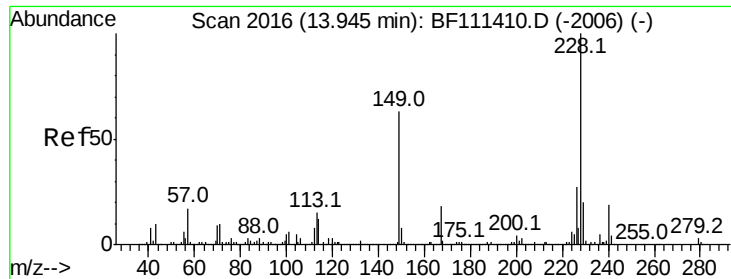
Sohil
12/17/2018 2:36:20 PM



#79
Terphenyl-d14
Concen: 66.242 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.7	8.5
122	12.4	13.1	19.7#





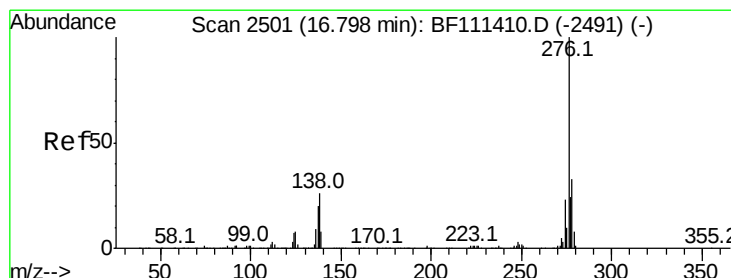
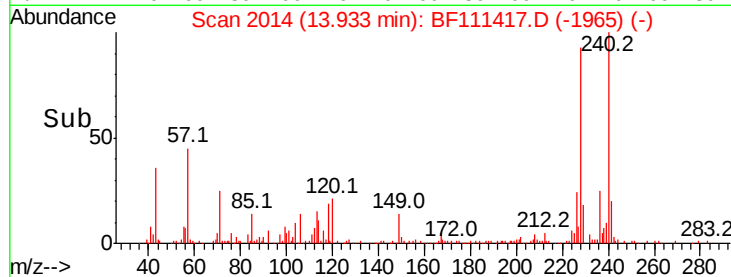
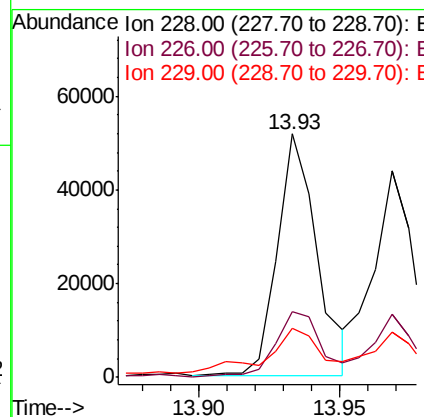
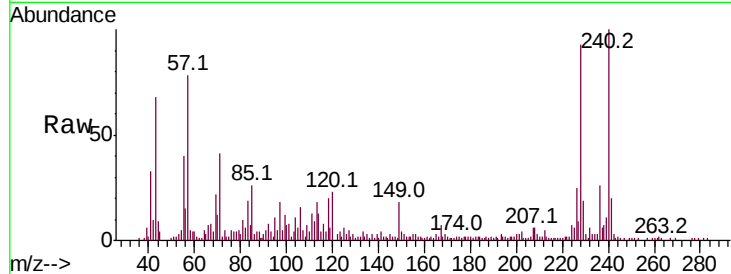
#81
Benzo(a)anthracene
Concen: 2.160 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Instrument :
BNA_F
ClientSampleId :
056_BT-1-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	34.0
229	20.2	16.3	24.5

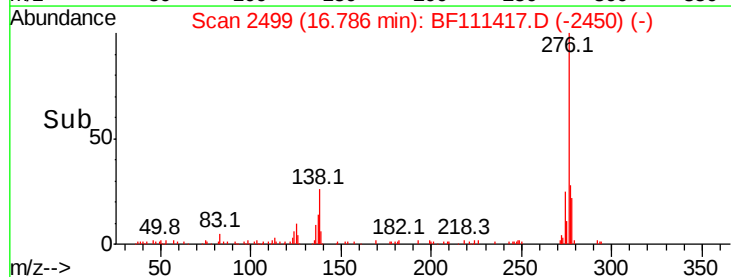
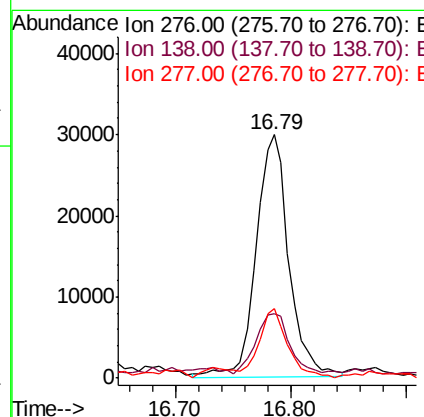
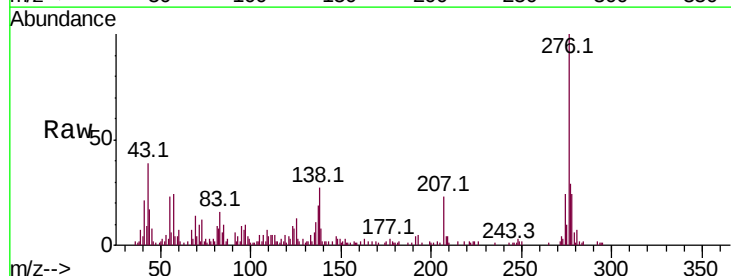
Manual Integrations
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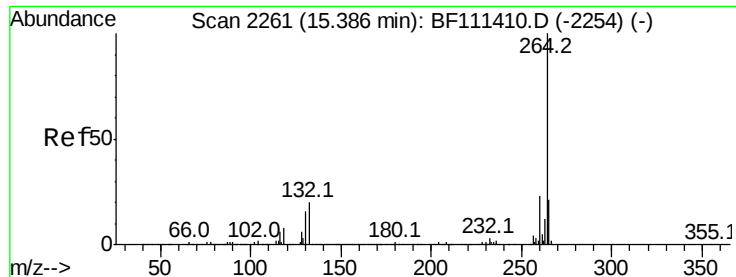
Sohil
12/17/2018 2:36:20 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 3.317 ng
RT: 16.79 min Scan# 2499
Delta R.T. -0.01 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	27.8	41.6#
277	25.4	20.1	30.1





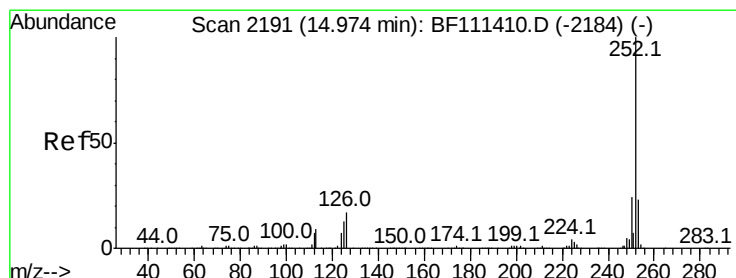
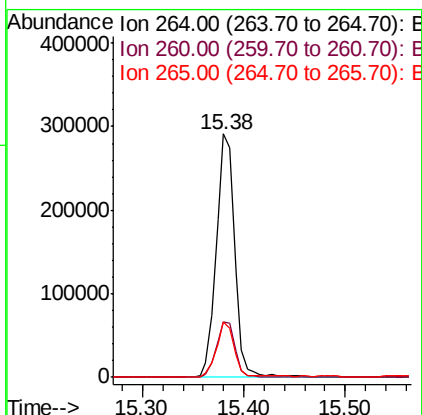
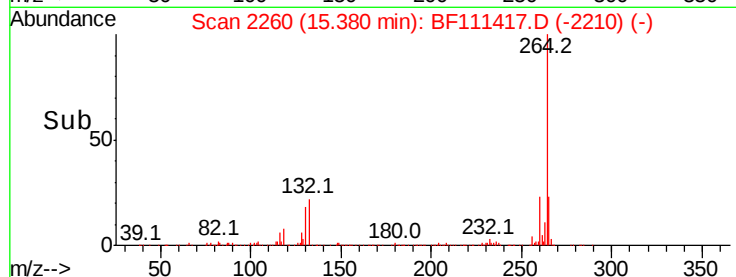
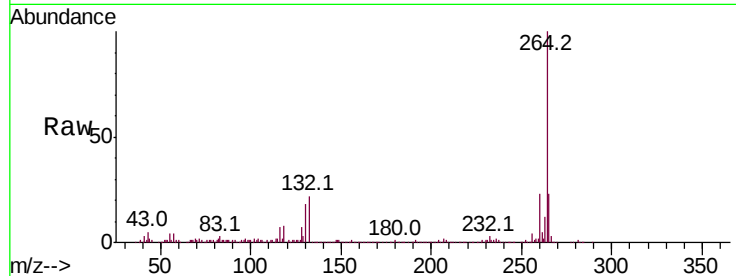
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Instrument :
BNA_F
ClientSampleId :
056_BT-1-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	22.6	17.7	26.5

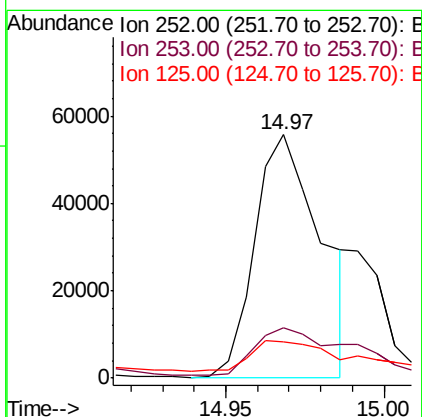
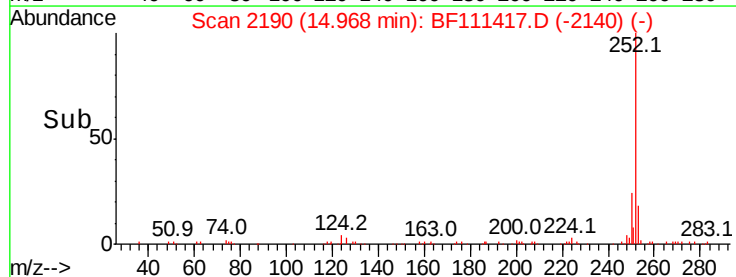
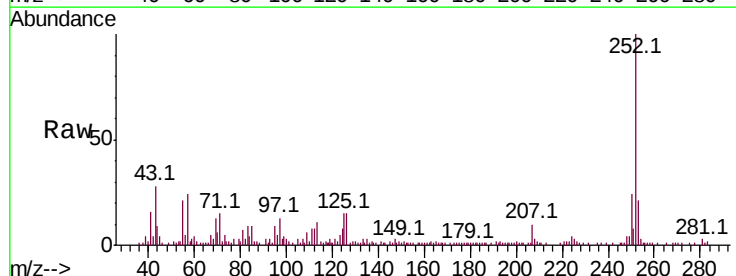
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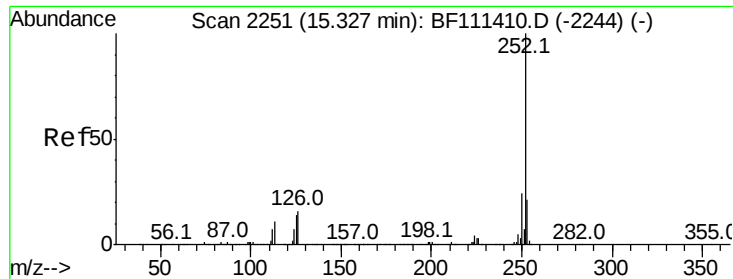
Sohil
12/17/2018 2:36:20 PM



#88
Benzo(b)fluoranthene
Concen: 3.762 ng m
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	18.2	27.2
125	14.6	10.4	15.6





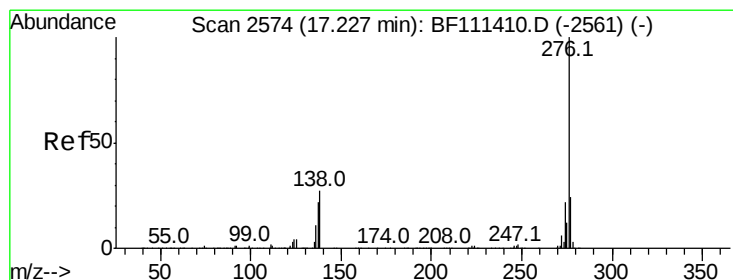
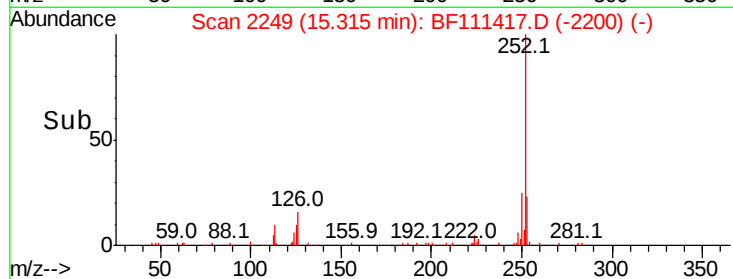
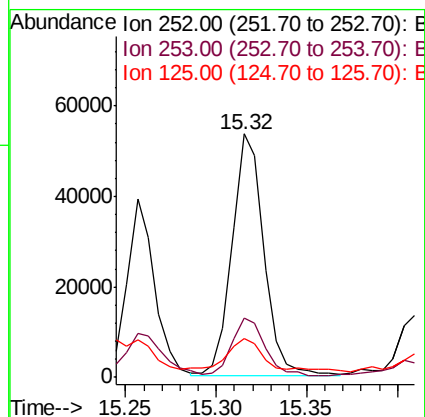
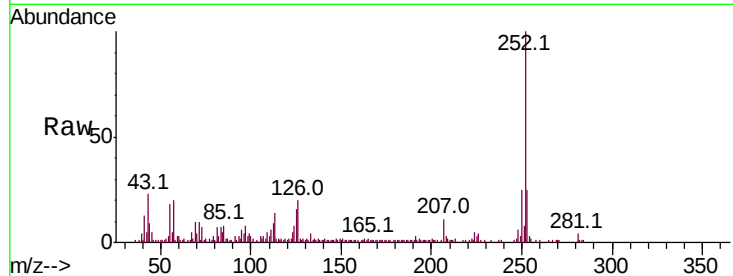
#90
Benzo(a)pyrene
Concen: 3.372 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Instrument :
BNA_F
ClientSampleId :
056_BT-1-2

Tot Ion:	252	Resp:	65695
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.8	26.8
125	16.1	12.3	18.5

Manual Integrations
APPROVED

Sohil
12/17/2018 2:36:20 PM



#92
Benzo(g,h,i)perylene
Concen: 3.710 ng
RT: 17.20 min Scan# 2570
Delta R.T. -0.02 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Tgt Ion:	276	Resp:	55957
Ion Ratio	Lower	Upper	
276	100		
277	24.6	19.2	28.8
138	27.1	24.9	37.3

