

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111390.D
 Acq On : 14 Dec 2018 00:37
 Operator : JU/SJ
 Sample : J6210-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1-112918

Manual Integrations
 APPROVED

Sohil
 12/14/2018 12:53:49 PM

Quant Time: Dec 14 04:00:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	250739	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1136012	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	450185	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	648738	20.00	ng	0.00
76) Chrysene-d12	13.95	240	453320	20.00	ng	0.00
87) Perylene-d12	15.39	264	348416	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1300976	87.74	ng	0.02
7) Phenol-d6	6.45	99	1718860	85.98	ng	0.01
23) Nitrobenzene-d5	7.35	82	1044494	51.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	280613	70.71	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1886033	67.26	ng	0.00
79) Terphenyl-d14	12.90	244	1282124	62.25	ng	0.00
Target Compounds						
10) Phenol	6.45	94	122629	5.415	ng	97
50) Dimethylphthalate	9.55	163	424989	13.128	ng	98
71) Phenanthrene	11.33	178	93424	2.786	ng	# 90
75) Fluoranthene	12.52	202	206212	6.300	ng	99
78) Pyrene	12.75	202	217130	6.206	ng	94
81) Benzo(a)anthracene	13.94	228	97657	3.850	ng	94
83) Chrysene	13.97	228	116053	4.485	ng	97
88) Benzo(b)fluoranthene	14.97	252	137082m	6.919	ng	
90) Benzo(a)pyrene	15.32	252	83517	4.527	ng	# 95
92) Benzo(g,h,i)perylene	17.22	276	56478	3.681	ng	# 92

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

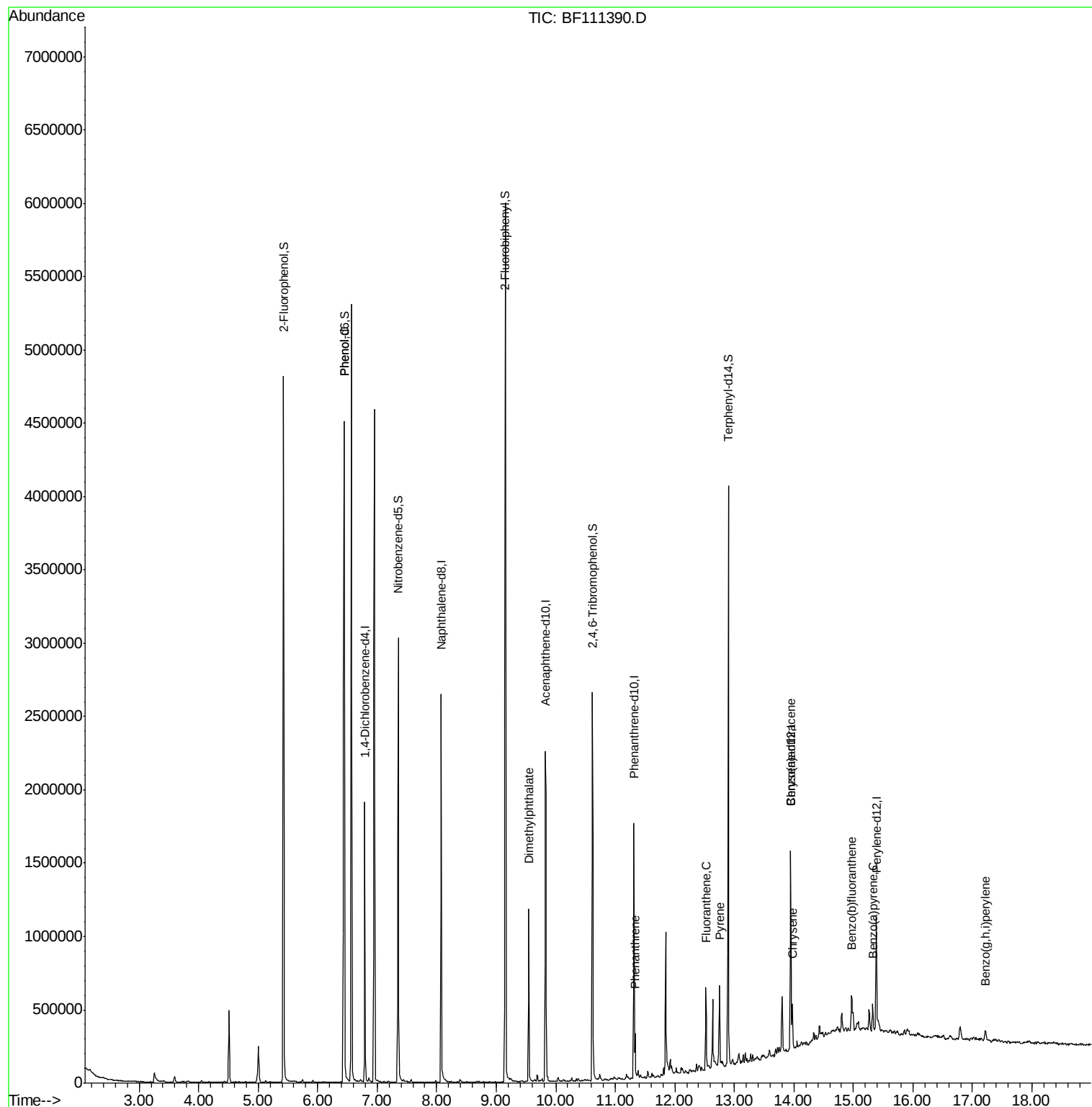
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111390.D
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Operator : JU/SJ
Sample : J6210-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

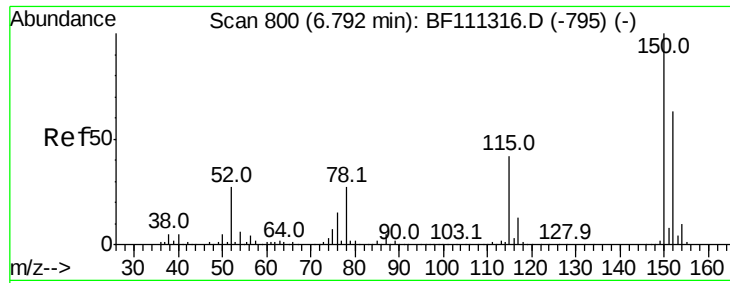
Instrument :
BNA_F
ClientSampleId :
C-1-112918

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Quant Time: Dec 14 04:00:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

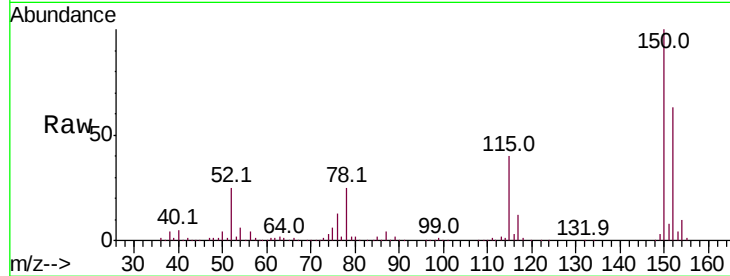
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111390.D
Acq: 14 Dec 2018 00:37

Instrument :
BNA_F
ClientSampleId :
C-1-112918

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.6	189.8
115	62.9	50.7	76.1

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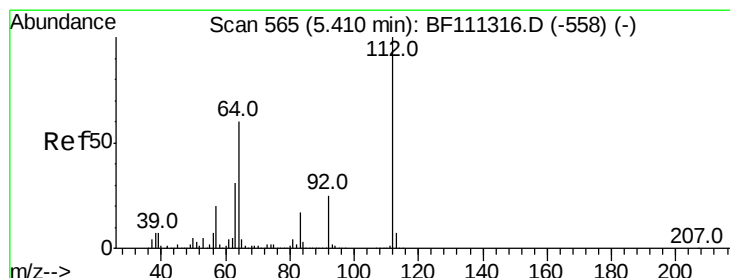
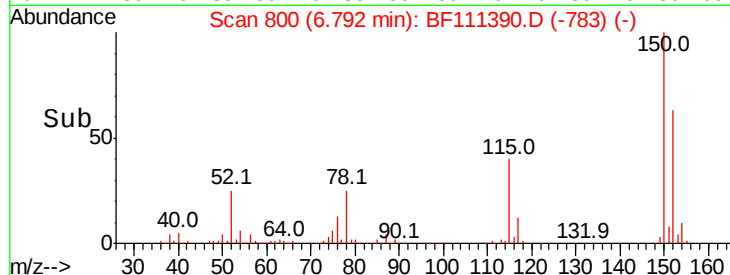
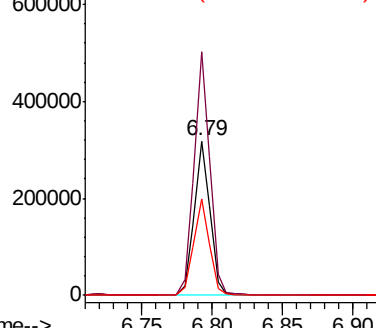


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

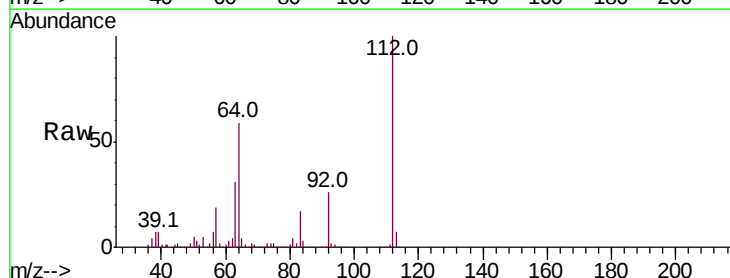
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.740 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF111390.D
Acq: 14 Dec 2018 00:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	51.8	77.6
63	30.6	26.8	40.2

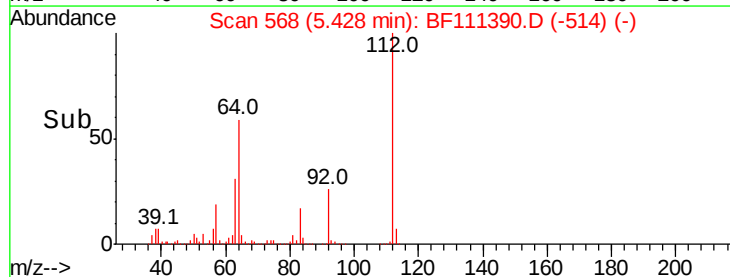
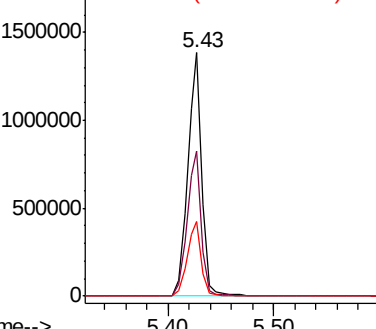


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 85.979 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111390.D

Acq: 14 Dec 2018 00:37

Instrument :

BNA_F

ClientSampleId :

C-1-112918

Tot Ion: 99 Resp: 1718860

Ion Ratio Lower Upper

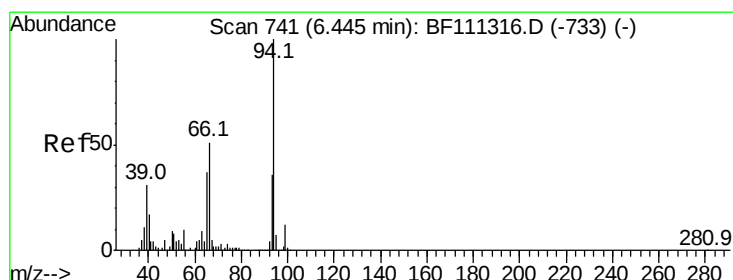
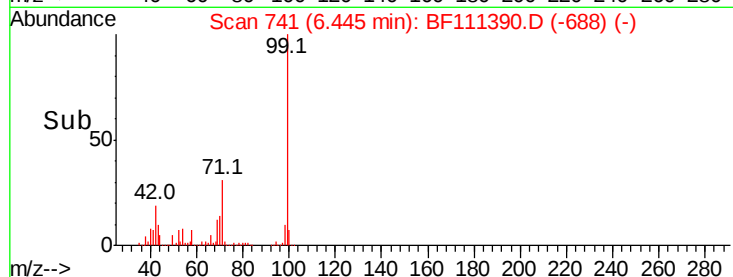
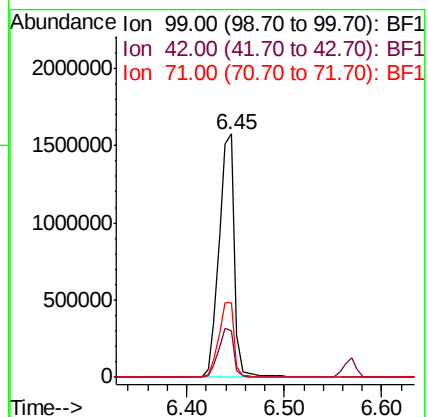
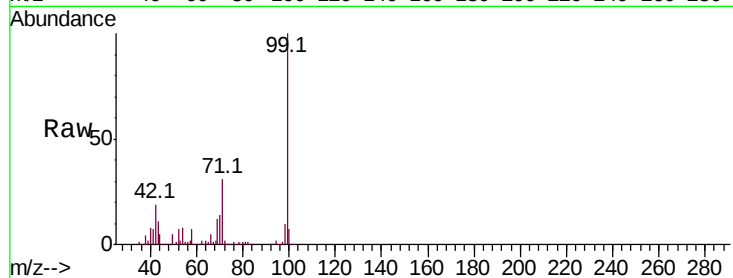
99 100

42 19.0 17.4 26.0

71 30.7 26.1 39.1

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#10

Phenol

Concen: 5.415 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111390.D

Acq: 14 Dec 2018 00:37

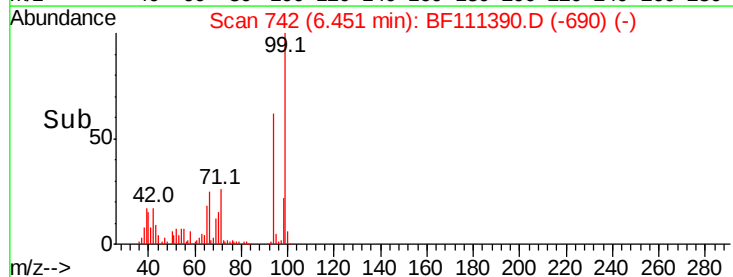
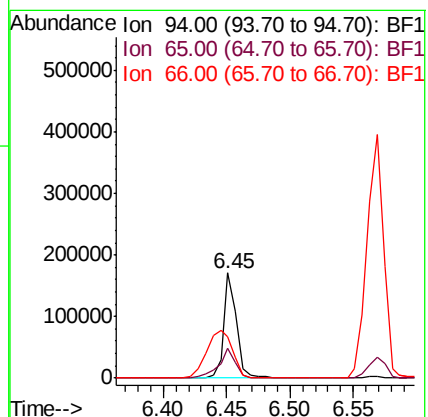
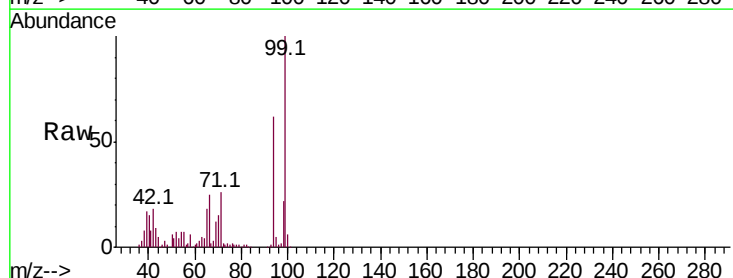
Tgt Ion: 94 Resp: 122629

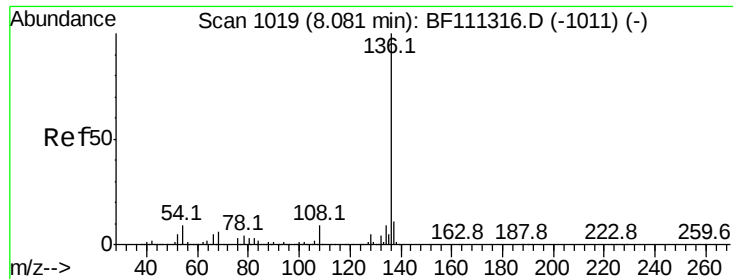
Ion Ratio Lower Upper

94 100

65 29.0 11.7 51.7

66 39.7 21.0 61.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111390.D

Acq: 14 Dec 2018 00:37

Instrument :

BNA_F

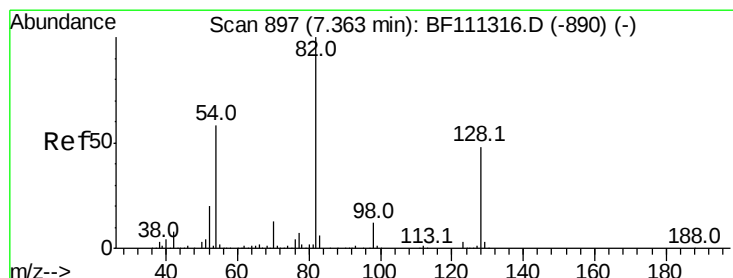
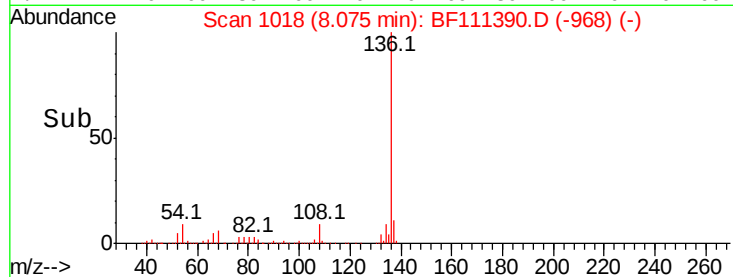
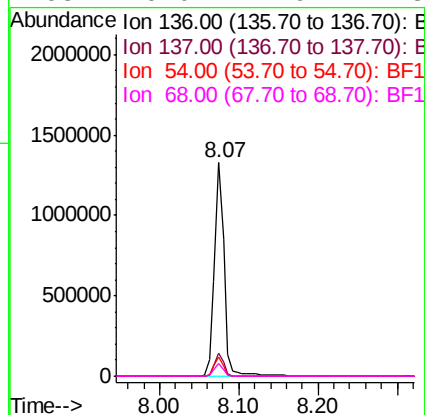
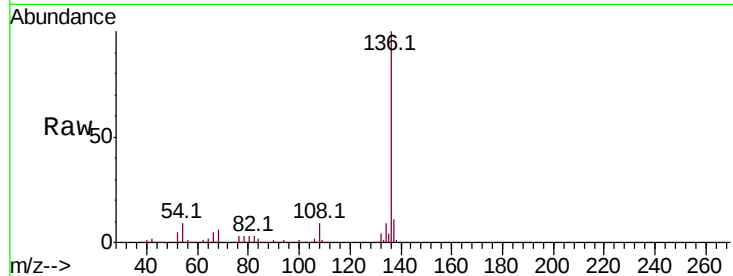
ClientSampleId :

C-1-112918

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.1	7.7	11.5
68	6.0	4.9	7.3

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#23

Nitrobenzene-d5

Concen: 51.823 ng

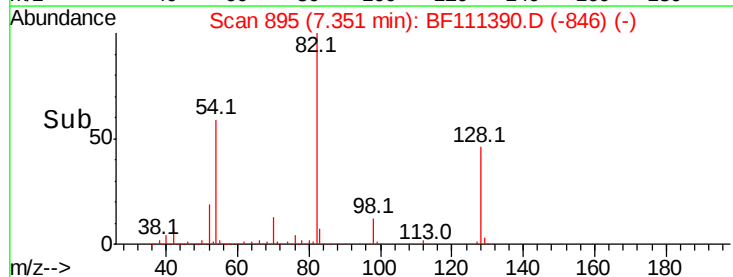
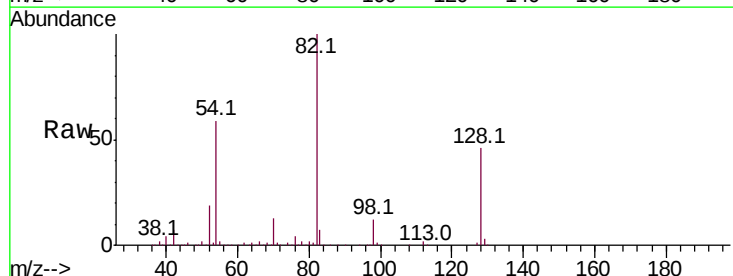
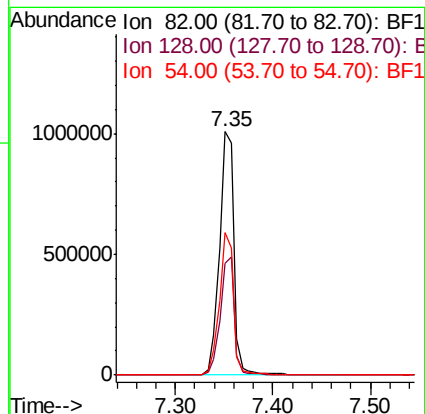
RT: 7.35 min Scan# 895

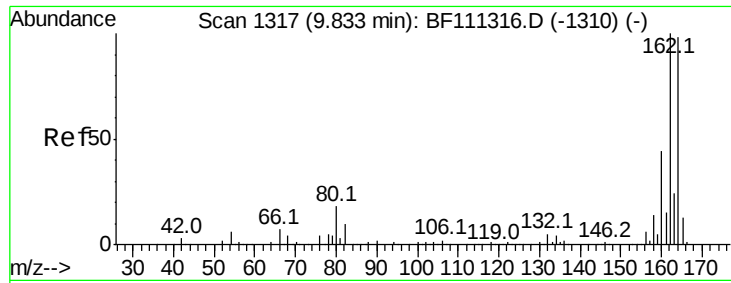
Delta R.T. -0.01 min

Lab File: BF111390.D

Acq: 14 Dec 2018 00:37

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.4	56.2
54	58.5	47.6	71.4





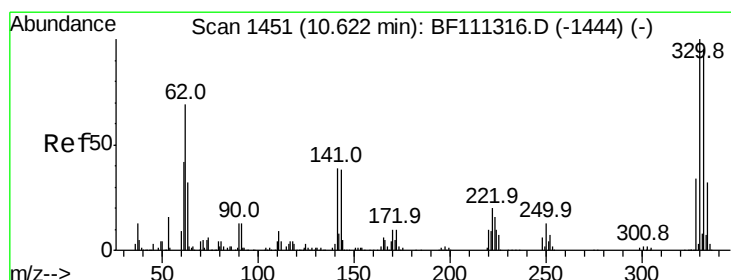
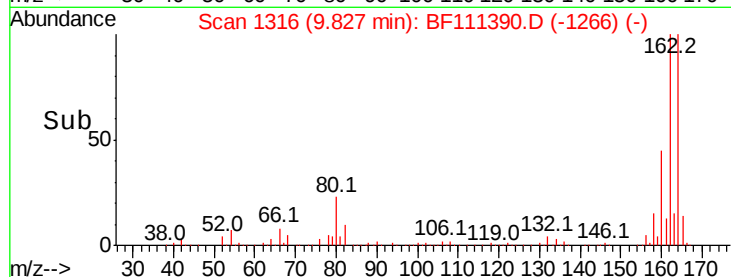
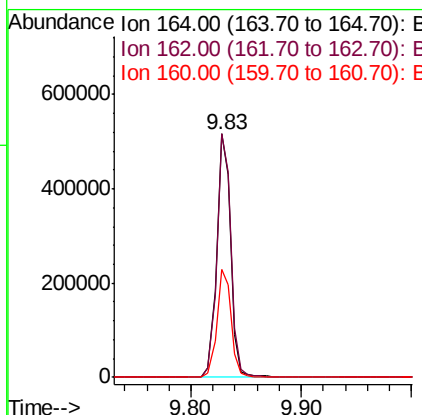
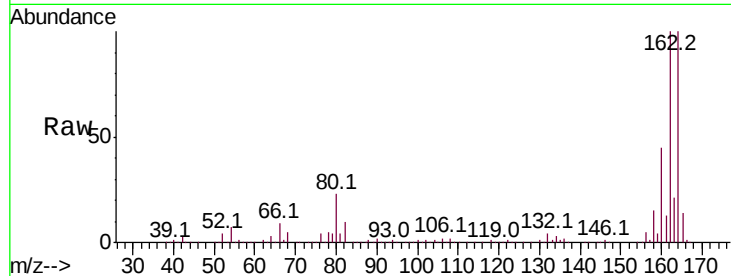
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111390.D
Acq: 14 Dec 2018 00:37

Instrument :
BNA_F
ClientSampleId :
C-1-112918

Tot Ion	Ratio	Resp	Lower	Upper
164	100	450185		
162	99.8	81.4	122.0	
160	44.6	35.7	53.5	

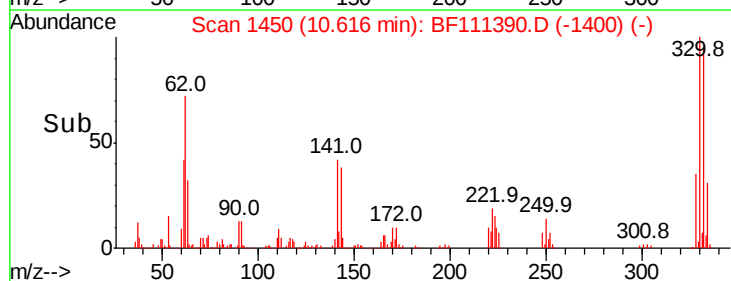
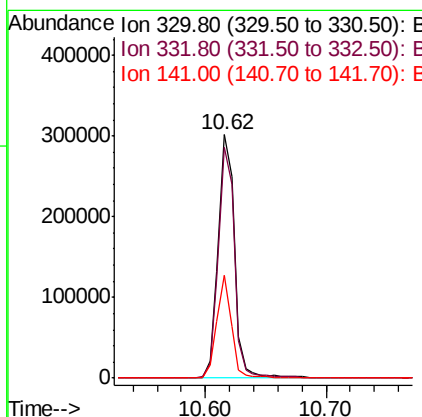
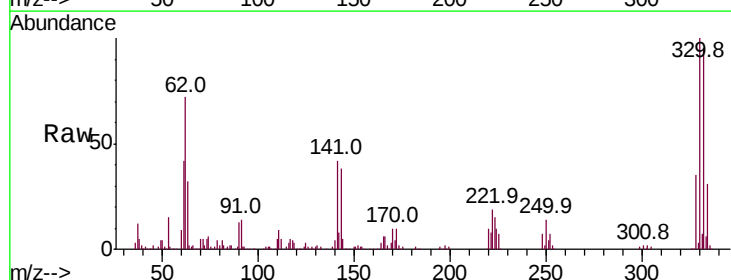
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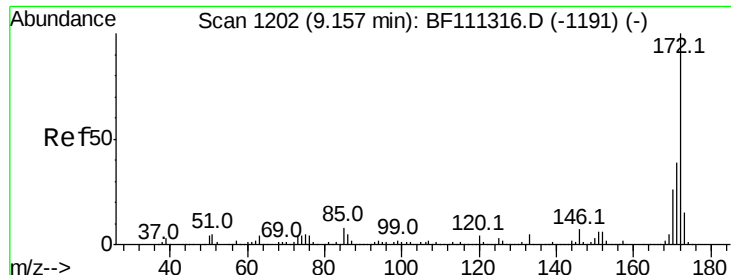
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#42
2,4,6-Tribromophenol
Concen: 70.711 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111390.D
Acq: 14 Dec 2018 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	280613		
332	94.3	76.0	114.0	
141	38.2	31.0	46.6	





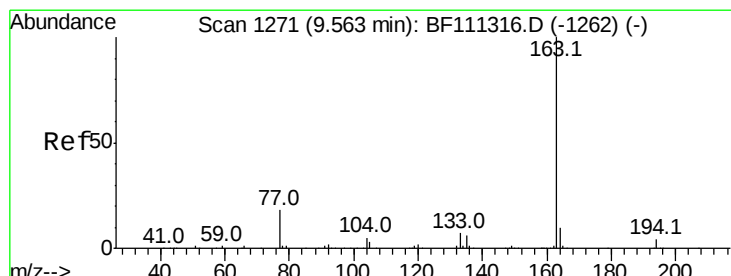
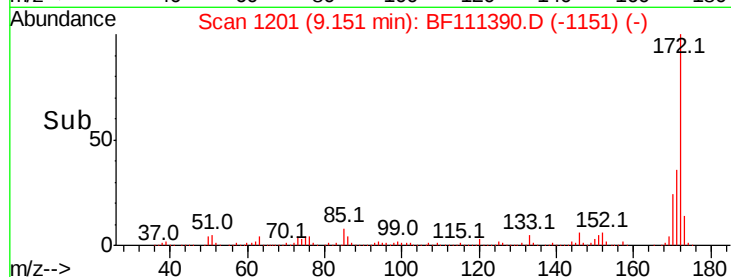
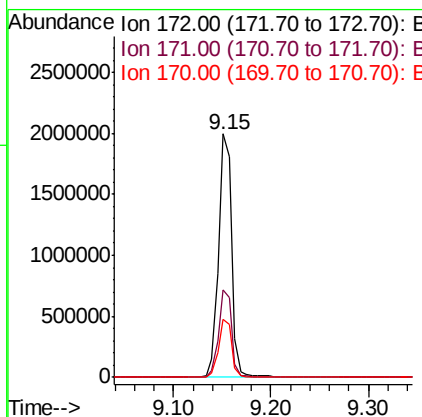
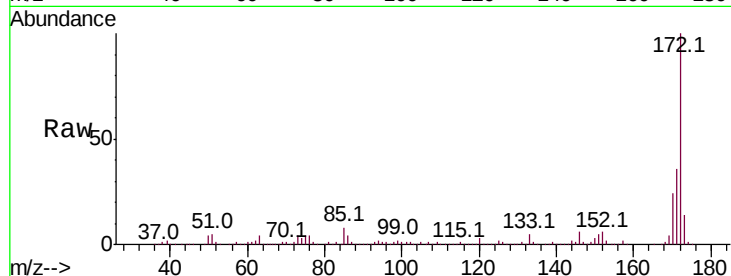
#45
2-Fluorobiphenyl
Concen: 67.261 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111390.D
Acq: 14 Dec 2018 00:37

Instrument :
BNA_F
ClientSampleId :
C-1-112918

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	33.0	49.4
170	24.0	22.3	33.5

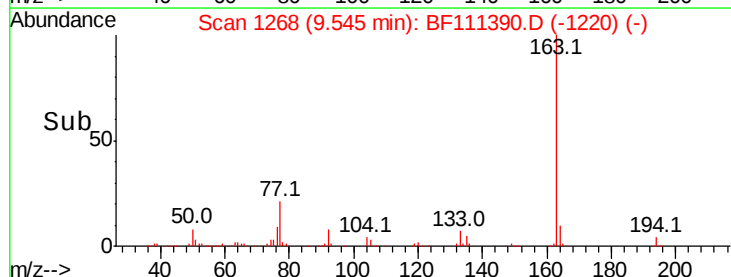
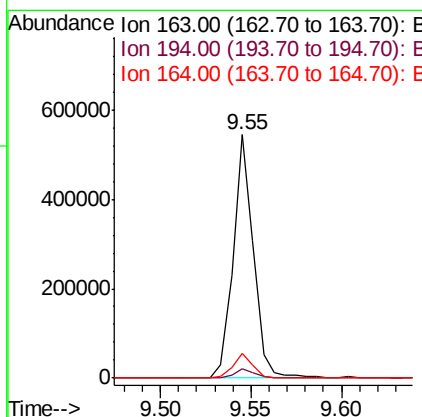
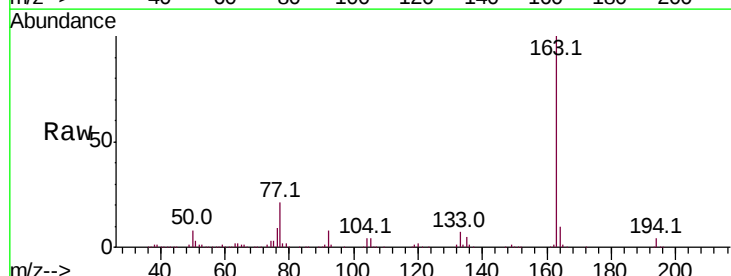
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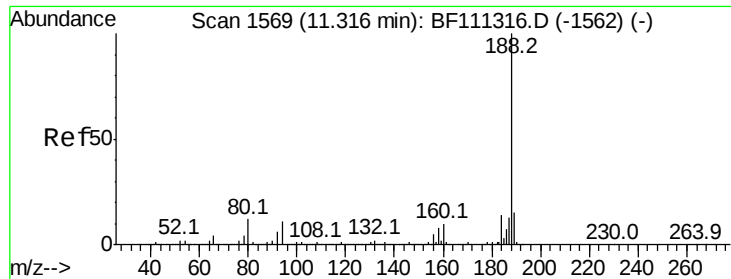
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#50
Dimethylphthalate
Concen: 13.128 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111390.D
Acq: 14 Dec 2018 00:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	9.9	8.9	13.3





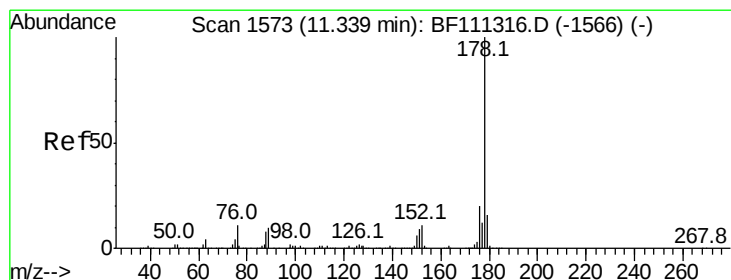
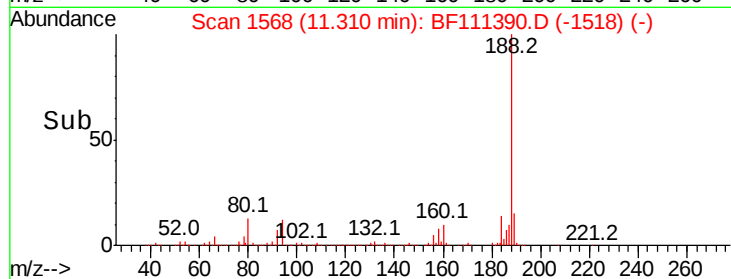
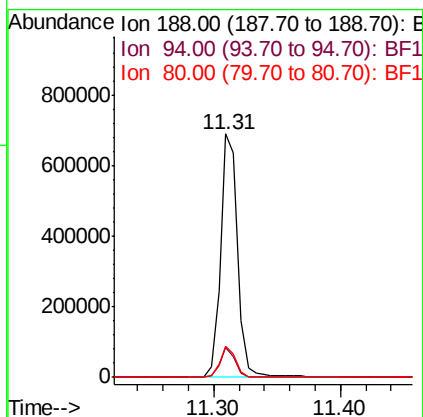
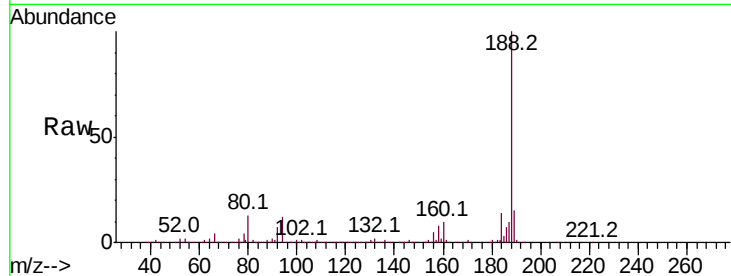
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111390.D
Acq: 14 Dec 2018 00:37

Instrument :
BNA_F
ClientSampleId :
C-1-112918

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.1	9.6	14.4
80	12.6	9.8	14.6

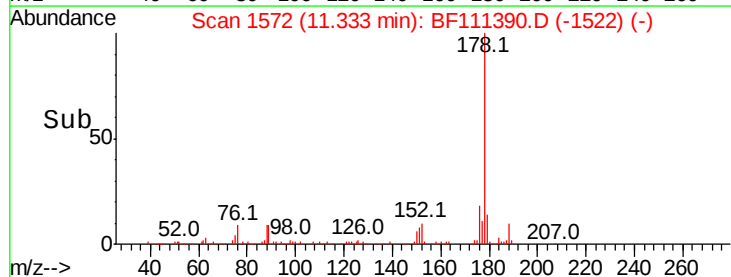
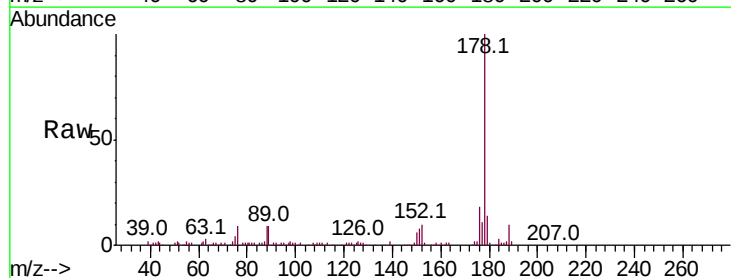
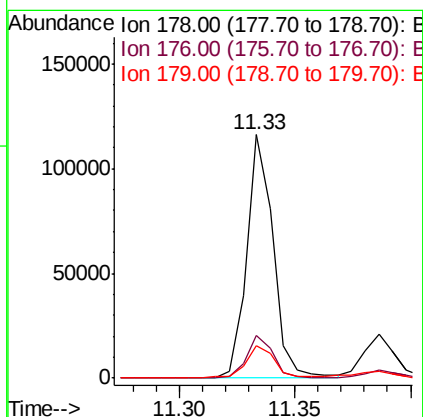
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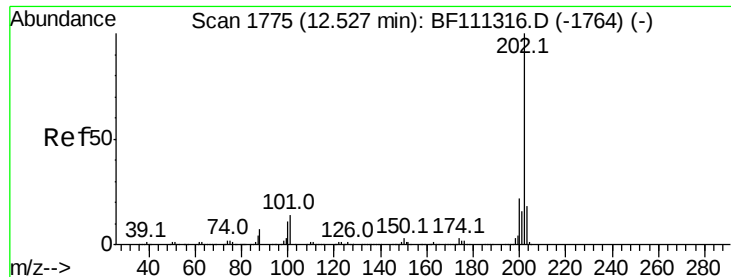
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#71
Phenanthrene
Concen: 2.786 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111390.D
Acq: 14 Dec 2018 00:37

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	17.7	18.1	27.1#
179	13.5	14.0	21.0#





#75

Fluoranthene

Concen: 6.300 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111390.D

Acq: 14 Dec 2018 00:37

Instrument :

BNA_F

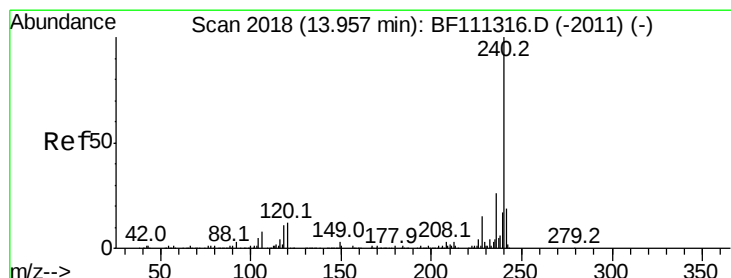
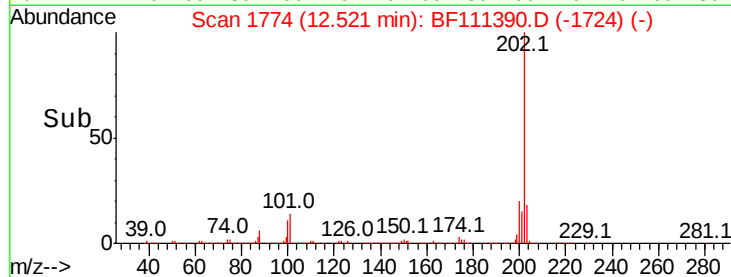
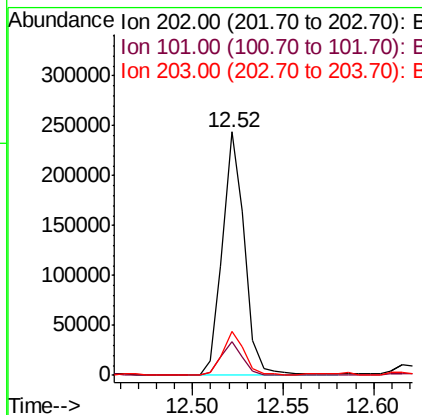
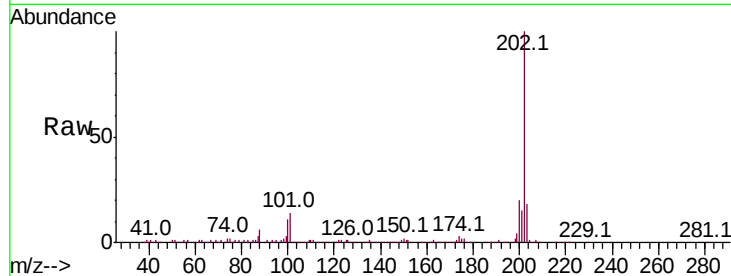
ClientSampleId :

C-1-112918

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	13.9	0.0	33.8		
203	17.8	0.0	38.6		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

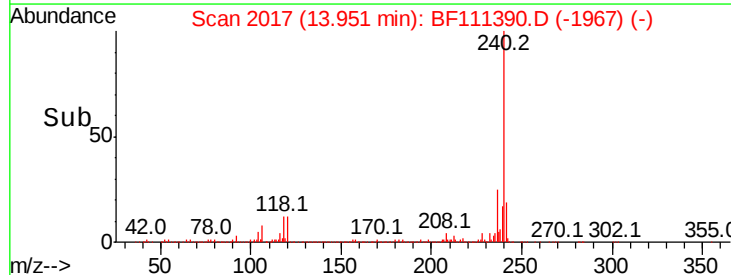
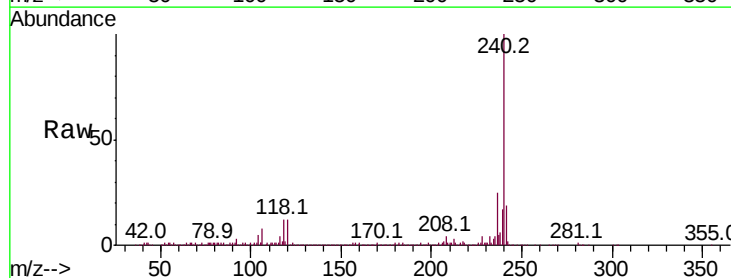
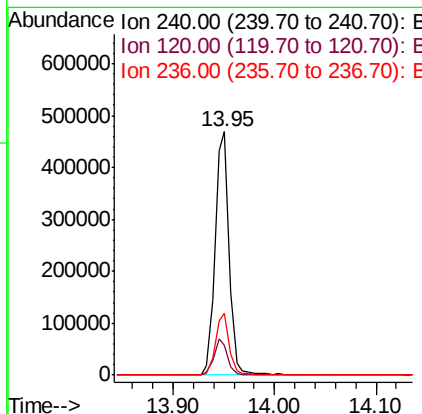
RT: 13.95 min Scan# 2017

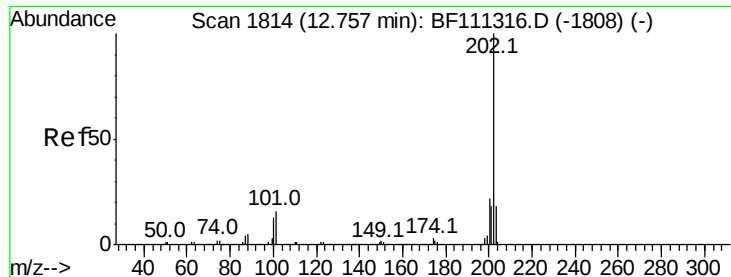
Delta R.T. -0.01 min

Lab File: BF111390.D

Acq: 14 Dec 2018 00:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	12.2	12.2	18.2		
236	25.2	20.2	30.2		





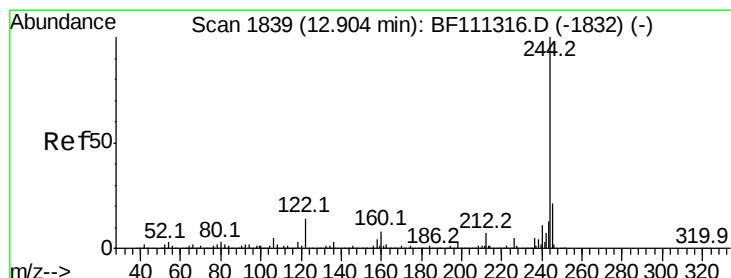
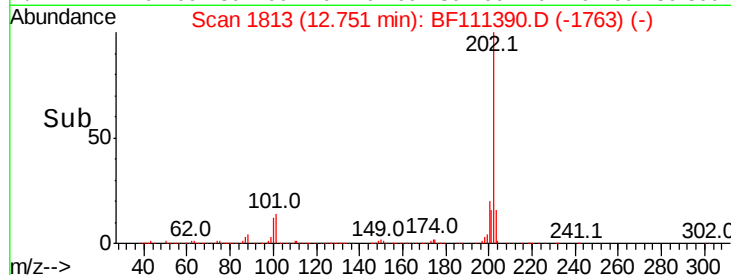
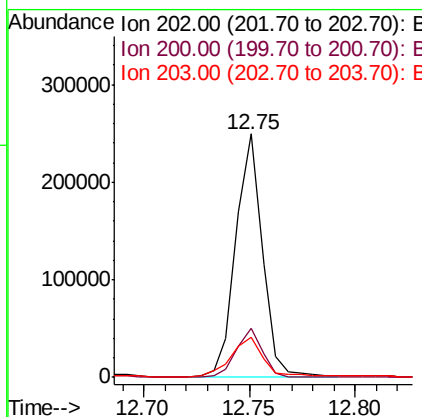
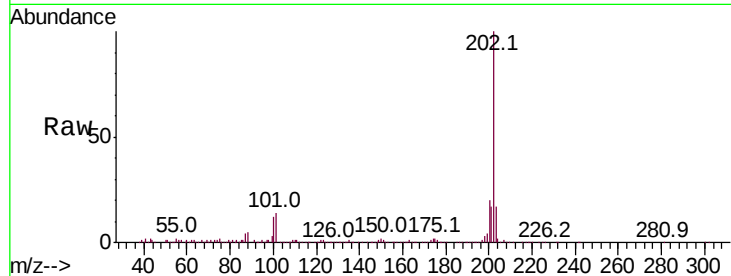
#78
Pvrene
Concen: 6.206 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111390.D
Acq: 14 Dec 2018 00:37

Instrument :
BNA_F
ClientSampleId :
C-1-112918

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.2	19.0	28.4
203	16.6	15.2	22.8

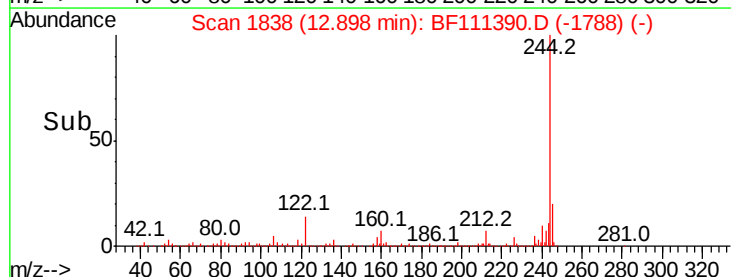
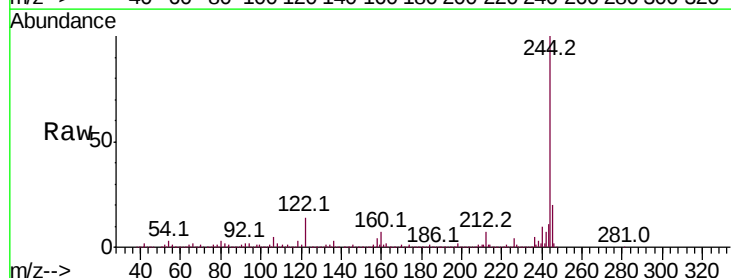
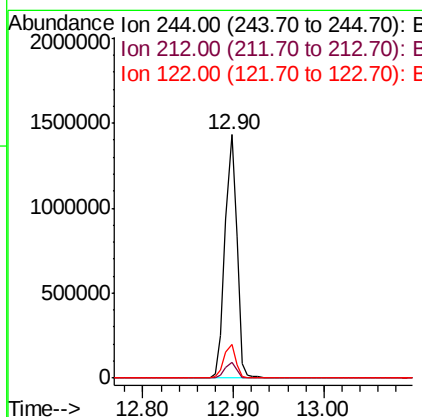
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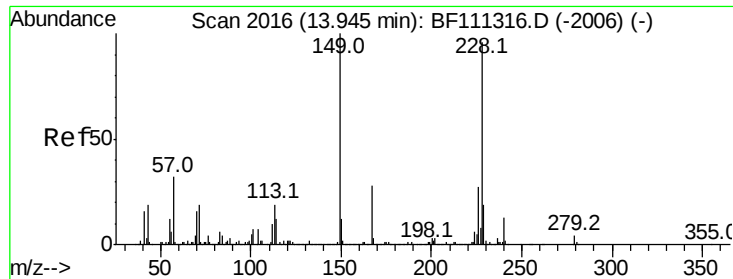
Sohil
12/14/2018 12:53:49 PM



#79
Terphenyl-d14
Concen: 62.249 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF111390.D
Acq: 14 Dec 2018 00:37

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	5.7	8.5
122	13.8	13.1	19.7





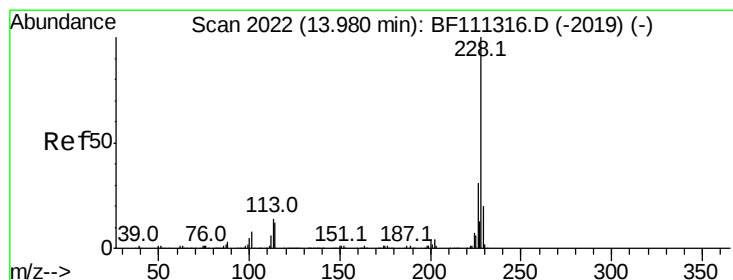
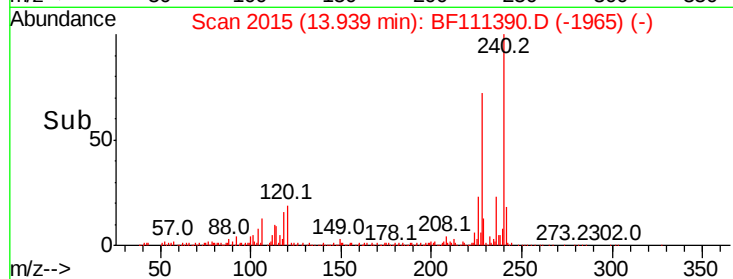
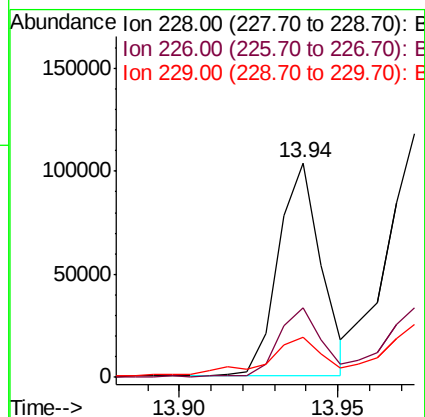
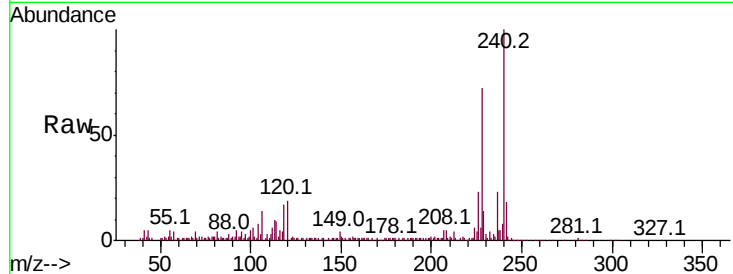
#81
Benzo(a)anthracene
Concen: 3.850 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111390.D
Acq: 14 Dec 2018 00:37

Instrument :
BNA_F
ClientSampleId :
C-1-112918

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.6	34.0
229	18.9	16.3	24.5

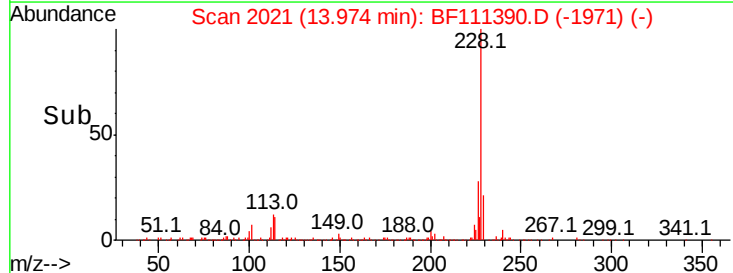
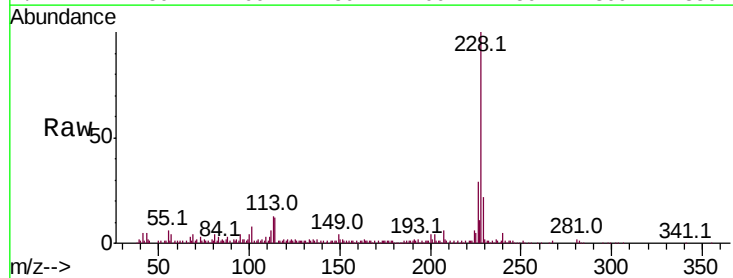
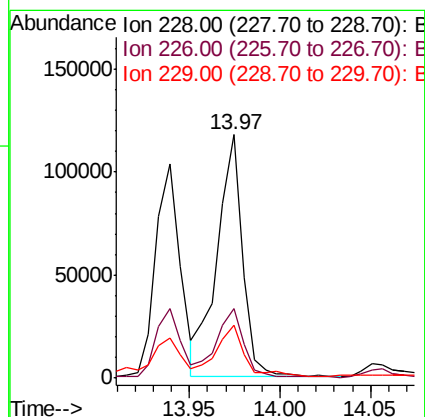
Manual Integrations
APPROVED

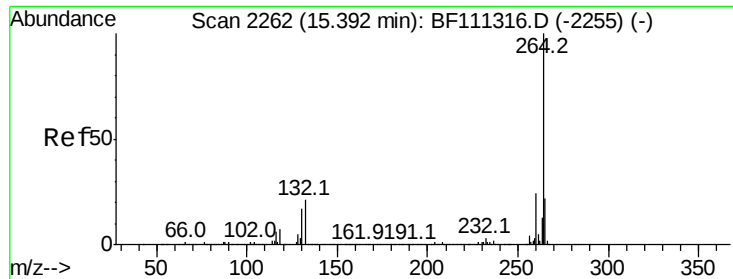
Sohil
12/14/2018 12:53:49 PM



#83
Chrysene
Concen: 4.485 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111390.D
Acq: 14 Dec 2018 00:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.3	37.9
229	21.5	17.2	25.8





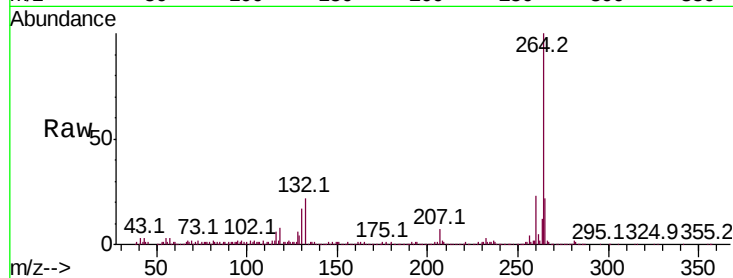
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: BF111390.D
 Acq: 14 Dec 2018 00:37

Instrument :
 BNA_F
 ClientSampleId :
 C-1-112918

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	21.8	17.7	26.5

Manual Integrations
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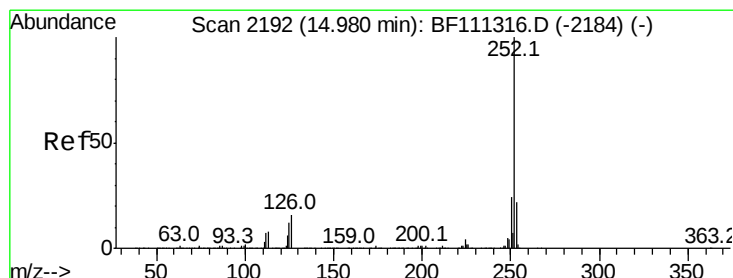
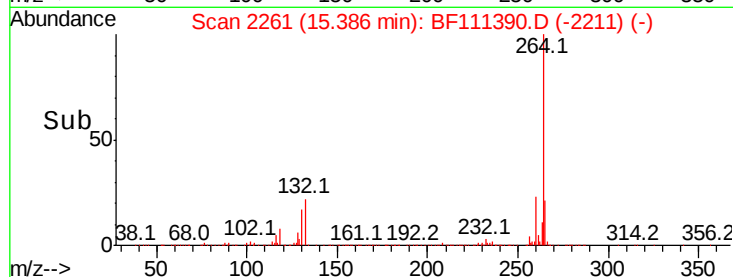
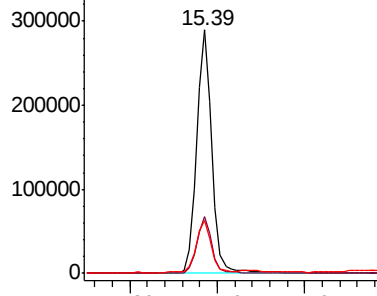


Abundance

Ion 264.00 (263.70 to 264.70): E

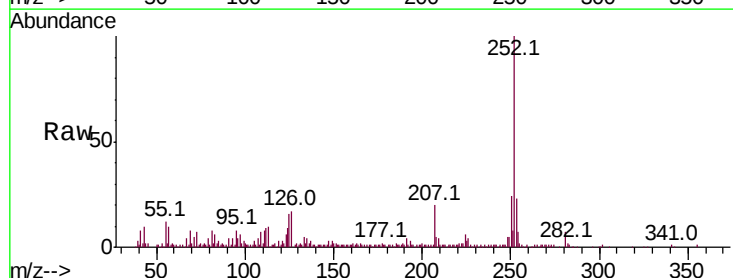
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
 Benzo(b)fluoranthene
 Concen: 6.919 ng m
 RT: 14.97 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BF111390.D
 Acq: 14 Dec 2018 00:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	15.7	10.4	15.6

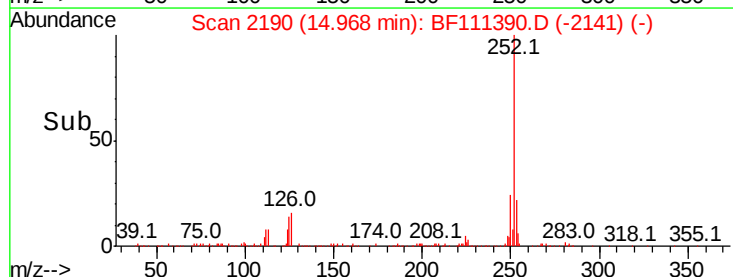
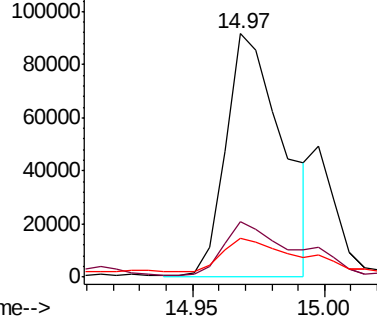


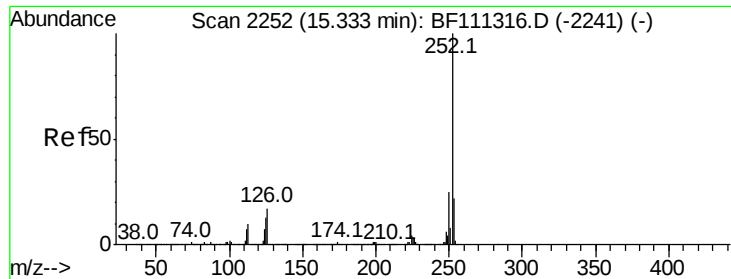
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





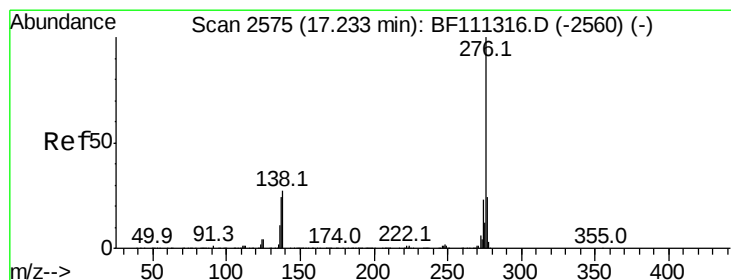
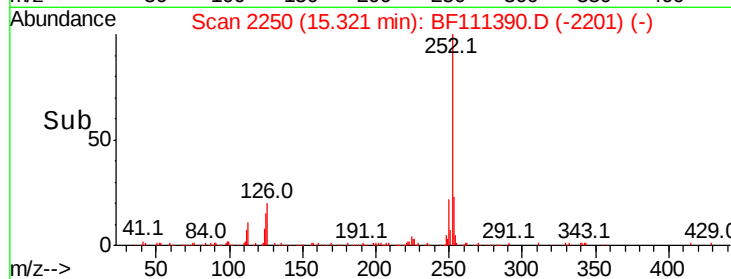
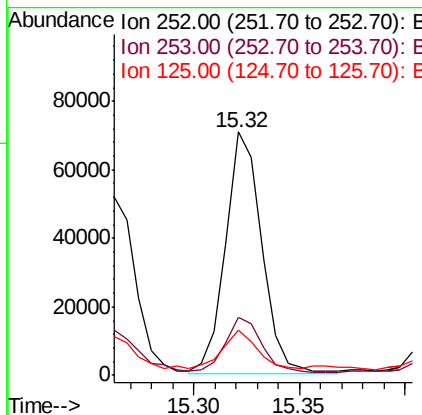
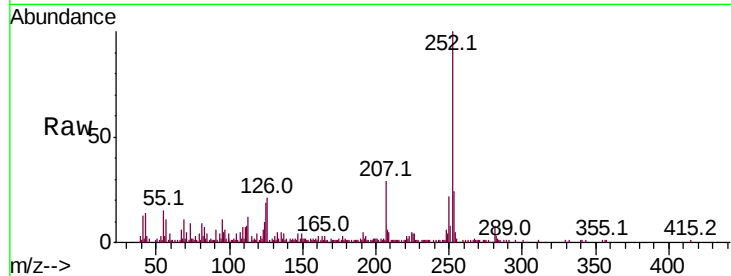
#90
Benzo(a)pyrene
Concen: 4.527 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111390.D
Acq: 14 Dec 2018 00:37

Instrument :
BNA_F
ClientSampleId :
C-1-112918

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	18.6	12.3	18.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.681 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.02 min
Lab File: BF111390.D
Acq: 14 Dec 2018 00:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.9	19.2	28.8
138	33.7	24.9	37.3

