

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111439.D
 Acq On : 15 Dec 2018 00:40
 Operator : JU/SJ
 Sample : J6374-01 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-029-A

Manual Integrations
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 12/17/2018 2:37:09 PM

Quant Time: Dec 15 03:04:42 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	6.79	152	247840	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	958483	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	291260	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	439724	20.00	ng	0.00
76) Chrysene-d12	13.95	240	451321	20.00	ng	0.00
87) Perylene-d12	15.39	264	310692	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	640784	43.02	ng	0.00
7) Phenol-d6	6.43	99	1070388	54.03	ng	0.00
23) Nitrobenzene-d5	7.35	82	618384	38.42	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	105938	40.60	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1029974	54.62	ng	0.00
79) Terphenyl-d14	12.90	244	726985	37.83	ng	0.00
Target Compounds						
10) Phenol	6.45	94	64366	2.917	ng	92
50) Dimethylphthalate	9.55	163	62877	2.998	ng	97
71) Phenanthrene	11.33	178	110845	4.892	ng	93
75) Fluoranthene	12.52	202	193794	8.743	ng	98
78) Pyrene	12.75	202	178088	5.597	ng	96
81) Benzo(a)anthracene	13.94	228	85043	3.465	ng	99
83) Chrysene	13.97	228	78766	3.047	ng	97
88) Benzo(b)fluoranthene	14.98	252	71912m	3.970	ng	
90) Benzo(a)pyrene	15.33	252	50240	3.076	ng	# 82
92) Benzo(g,h,i)perylene	17.23	276	27396	2.166	ng	93

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

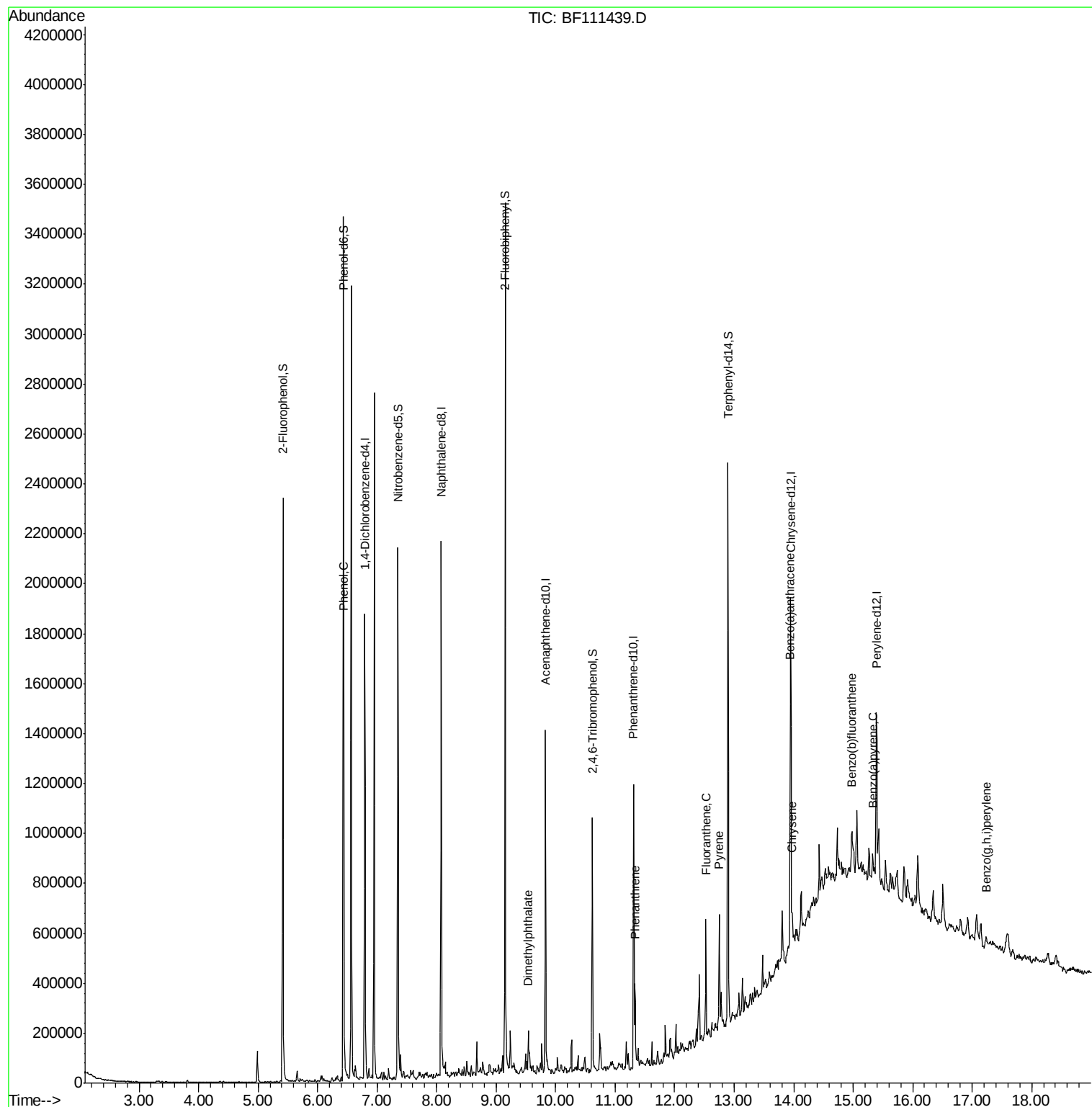
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111439.D
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Operator : JU/SJ
Sample : J6374-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

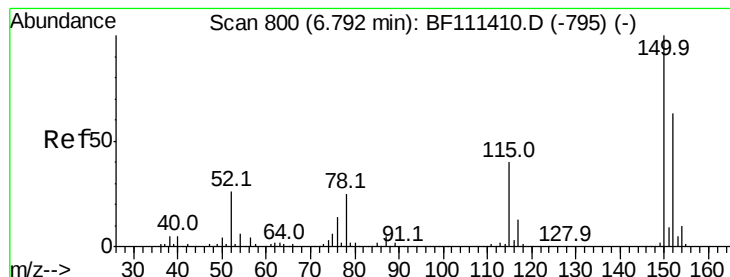
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-029-A

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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: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF111439.D

Acq: 15 Dec 2018 00:40

Instrument :

BNA_F

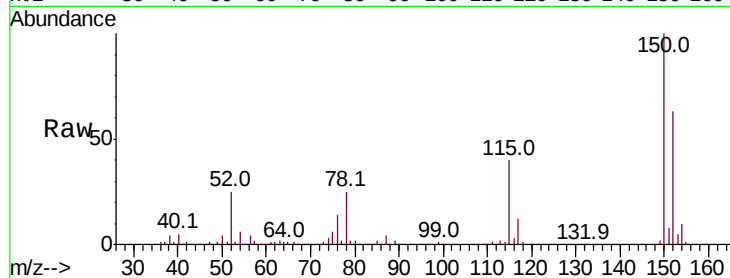
ClientSampleId :

FK-GF-02-029-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.6	189.8
115	63.7	50.7	76.1

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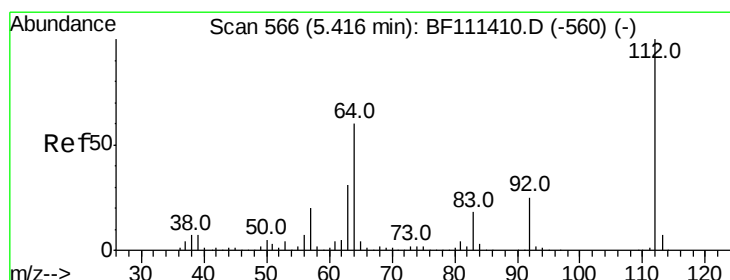
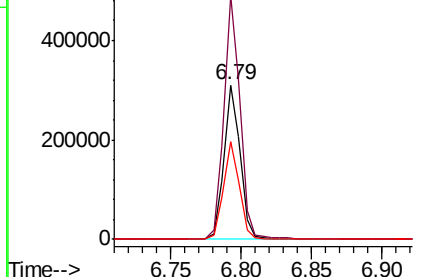
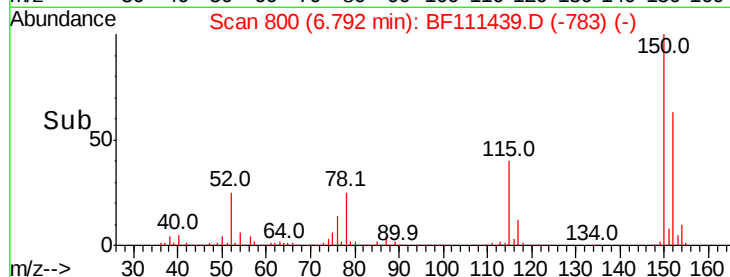


Abundance

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: 43.024 ng

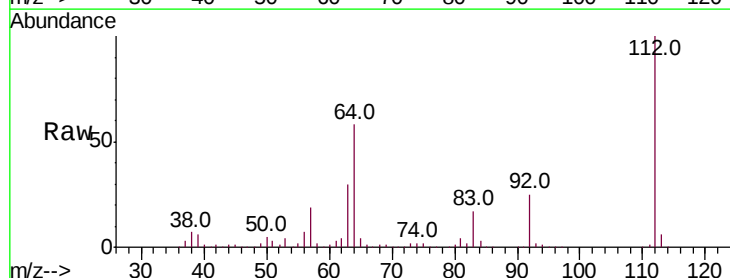
RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111439.D

Acq: 15 Dec 2018 00:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	51.8	77.6
63	29.8	26.8	40.2

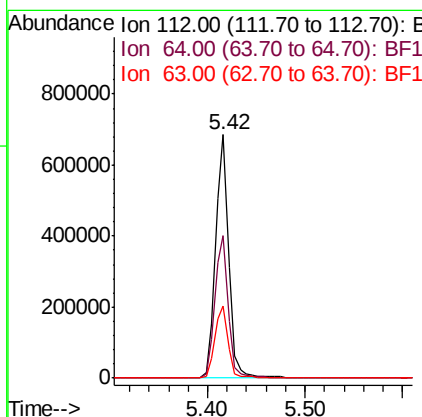
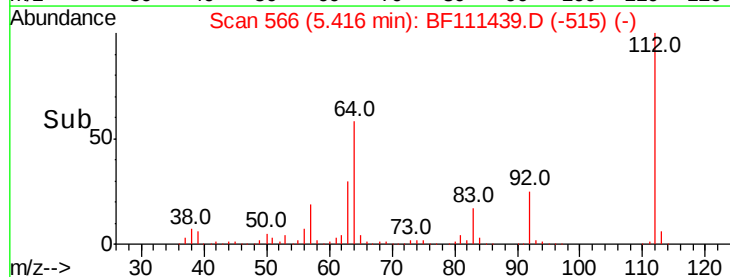


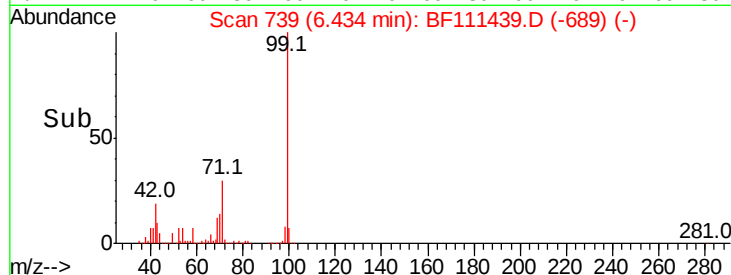
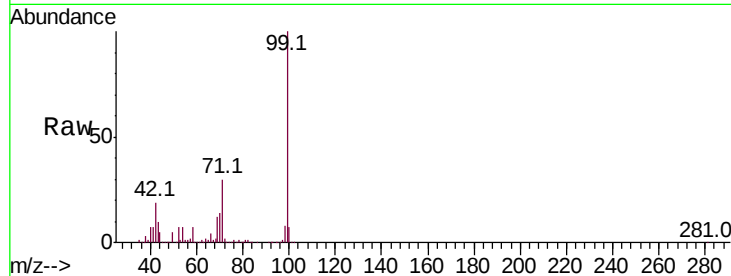
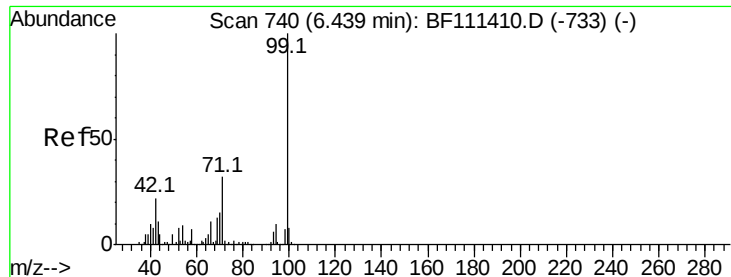
Abundance

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: 54.029 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111439.D

Acq: 15 Dec 2018 00:40

Tot Ion: 99 Resp: 1070388

Ion Ratio Lower Upper

99 100

42 19.3 17.4 26.0

71 29.8 26.1 39.1

Instrument :

BNA_F

ClientSampleId :

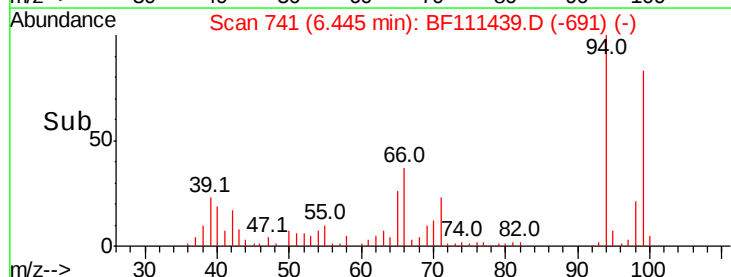
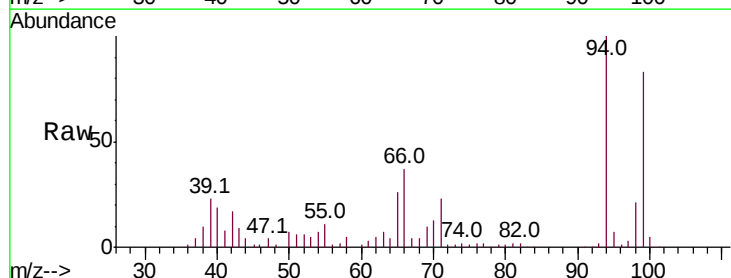
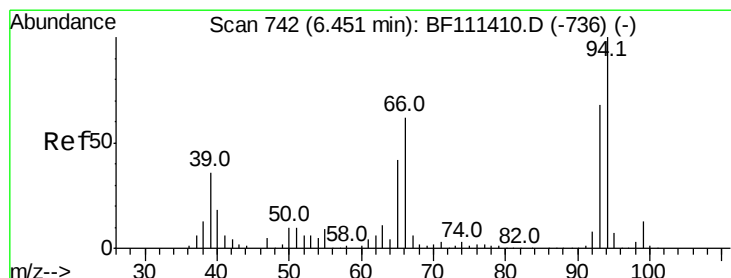
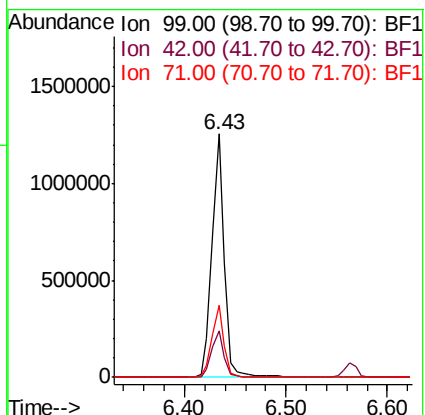
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#10

Phenol

Concen: 2.917 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111439.D

Acq: 15 Dec 2018 00:40

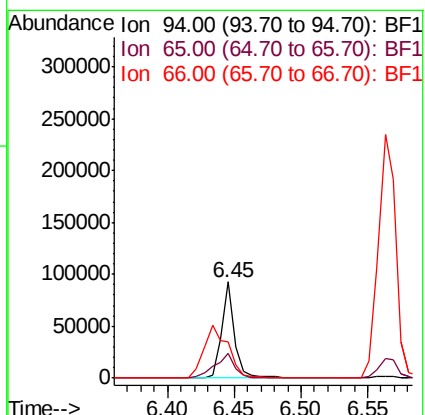
Tgt Ion: 94 Resp: 64366

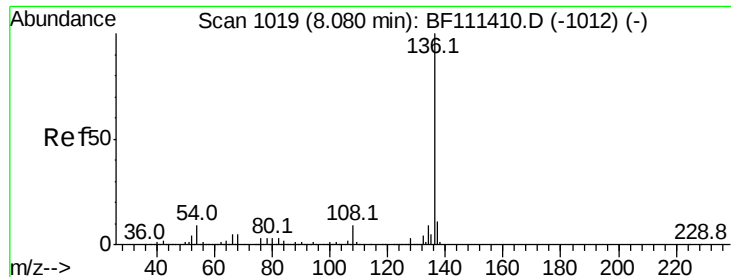
Ion Ratio Lower Upper

94 100

65 26.1 11.7 51.7

66 37.3 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: BF111439.D

Acq: 15 Dec 2018 00:40

Instrument :

BNA_F

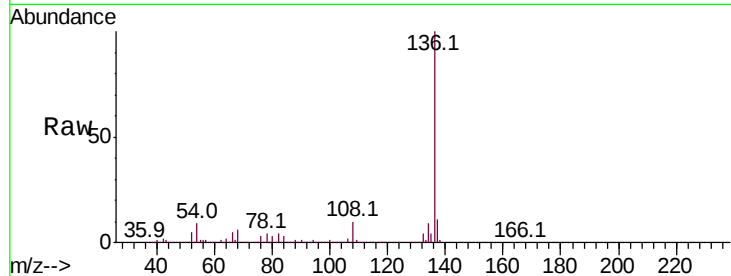
ClientSampleId :

FK-GF-02-029-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	9.4	7.7	11.5	
68	6.2	4.9	7.3	

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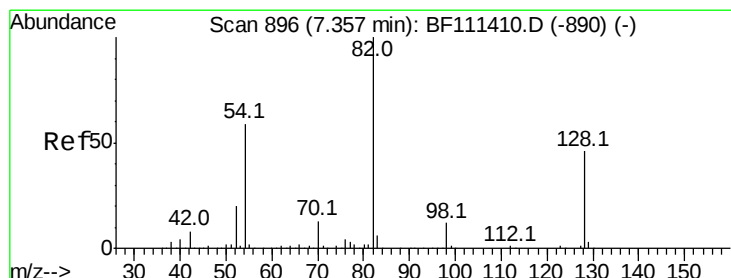
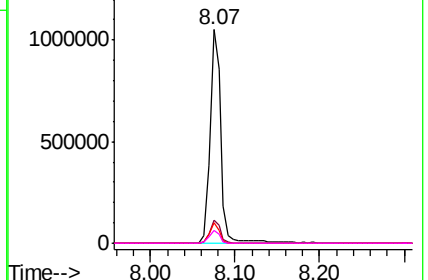
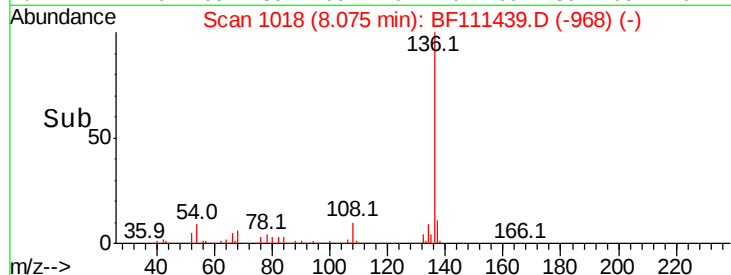


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.419 ng

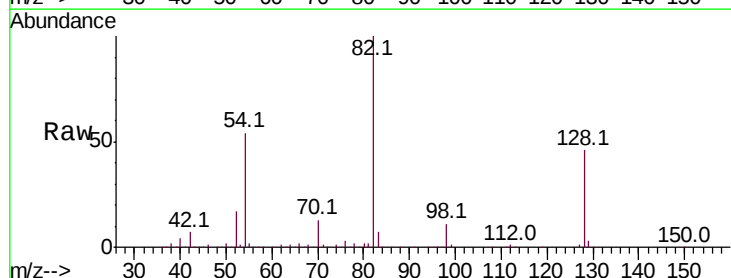
RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF111439.D

Acq: 15 Dec 2018 00:40

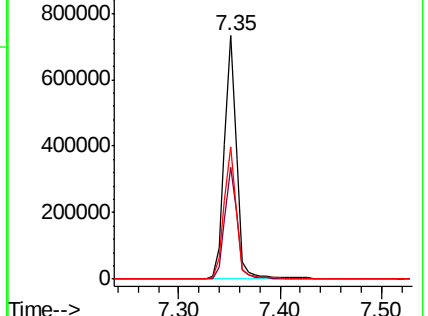
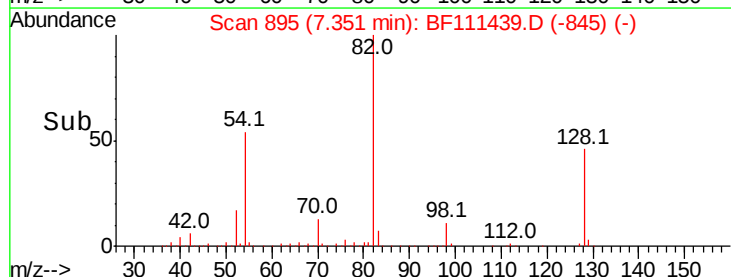
Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.7	37.4	56.2	
54	54.3	47.6	71.4	

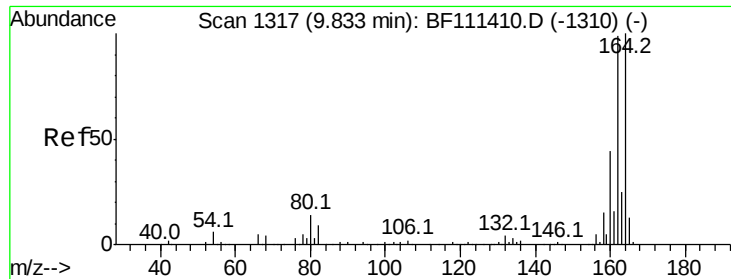


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





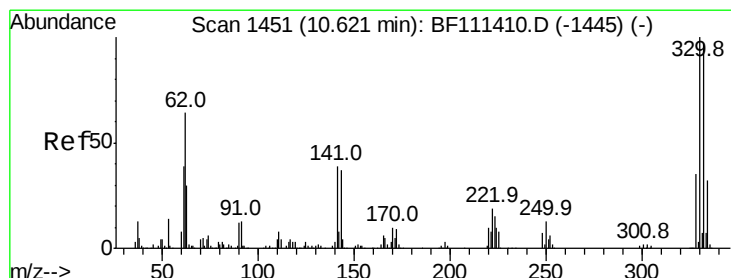
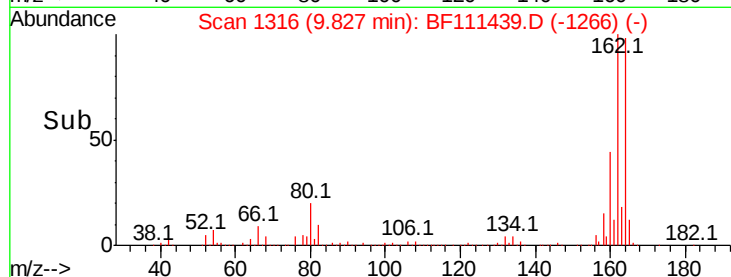
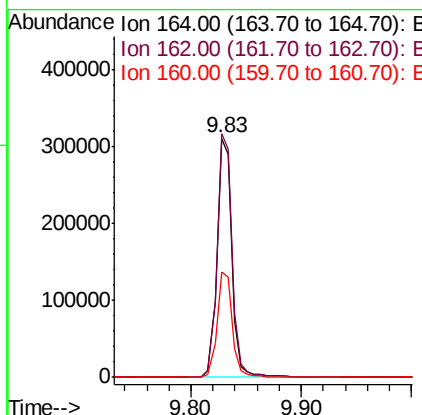
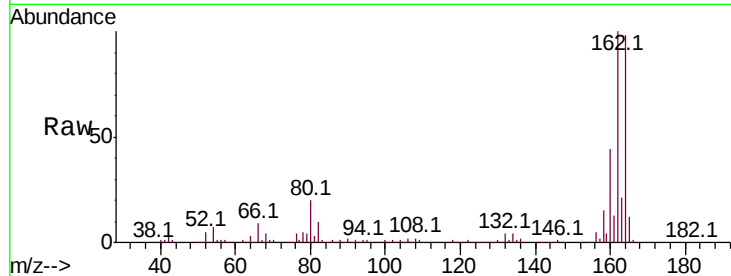
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111439.D
Acq: 15 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-029-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.4	122.0
160	44.4	35.7	53.5

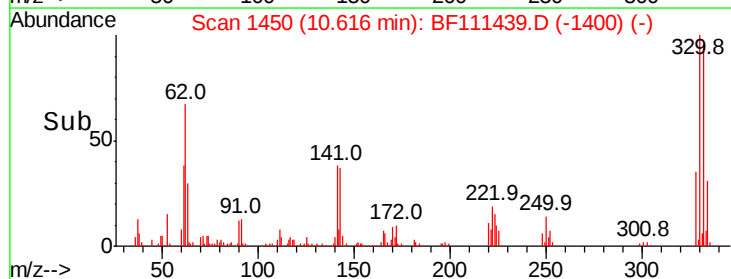
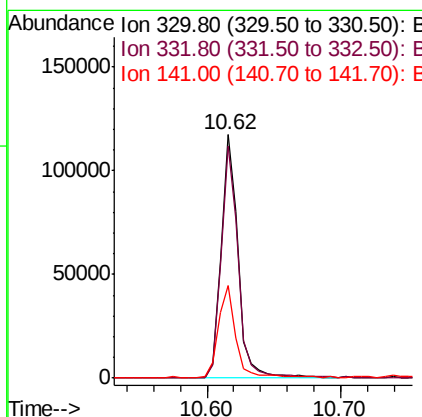
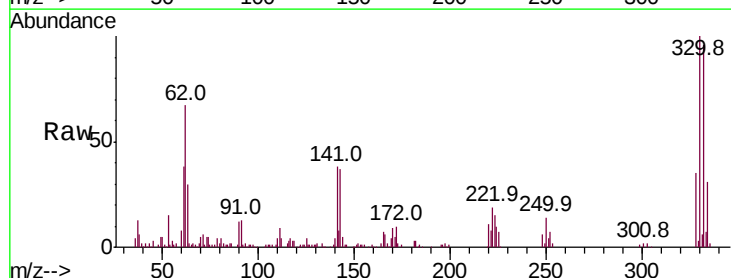
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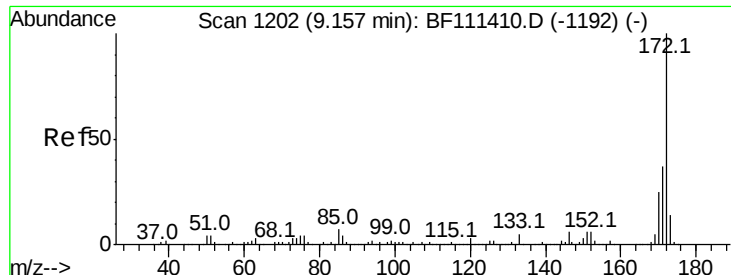
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#42
2,4,6-Tribromophenol
Concen: 40.604 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111439.D
Acq: 15 Dec 2018 00:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.0	114.0
141	40.6	31.0	46.6





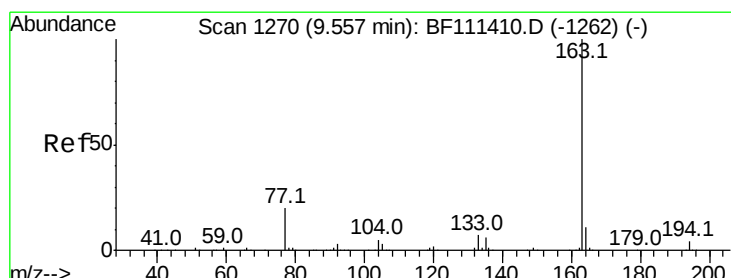
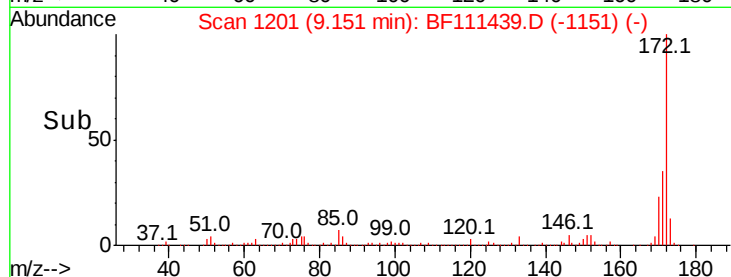
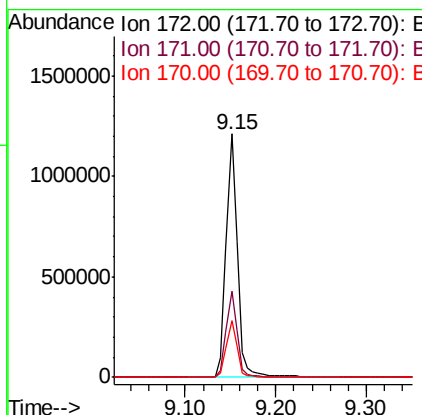
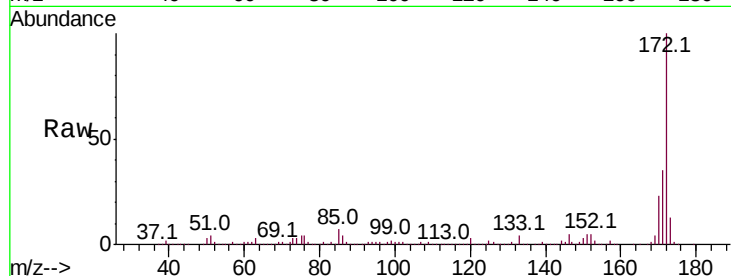
#45
2-Fluorobiphenyl
Concen: 54.623 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111439.D
Acq: 15 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-029-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	33.0	49.4
170	23.3	22.3	33.5

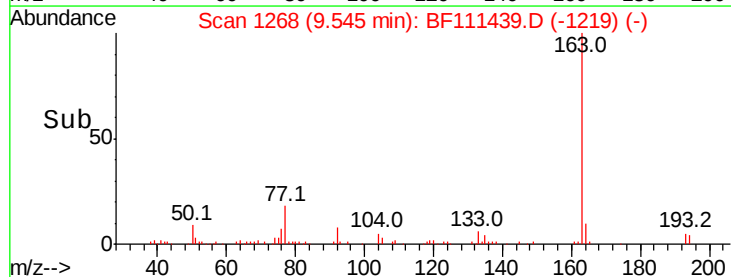
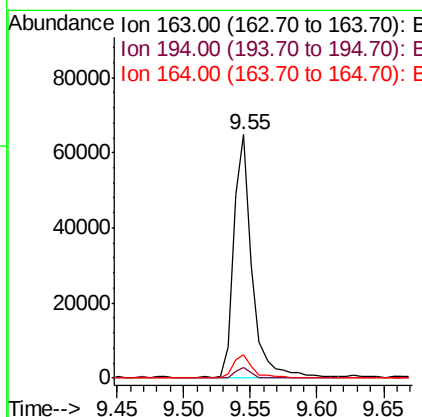
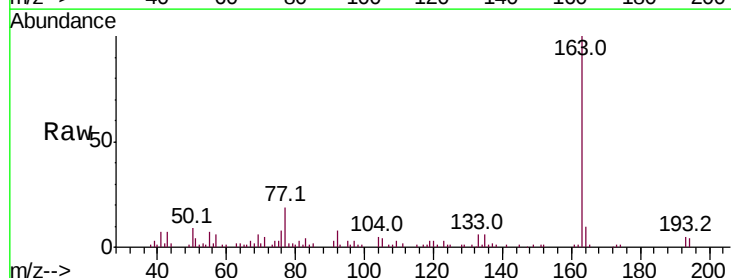
Manual Integrations
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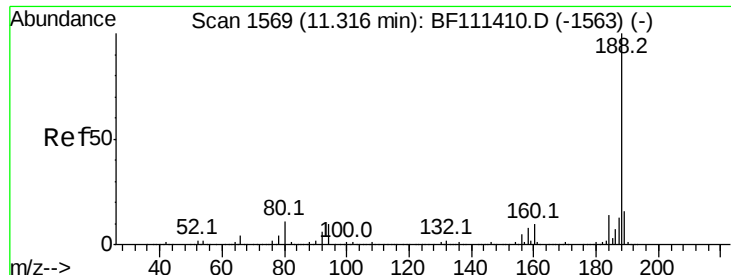
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#50
Dimethylphthalate
Concen: 2.998 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111439.D
Acq: 15 Dec 2018 00:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.7	8.9	13.3





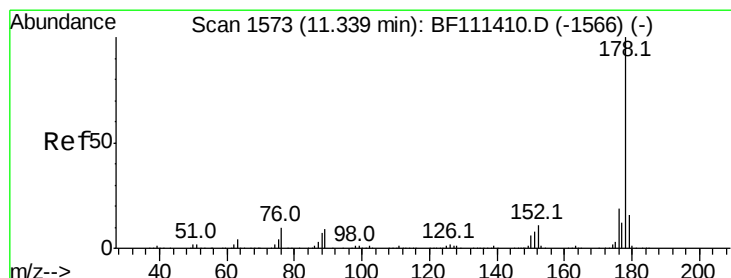
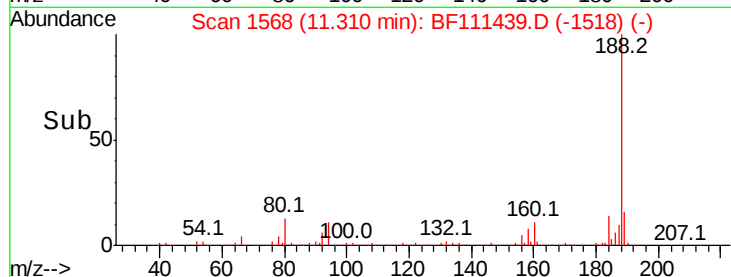
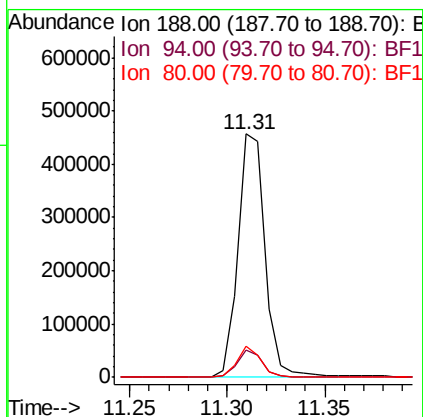
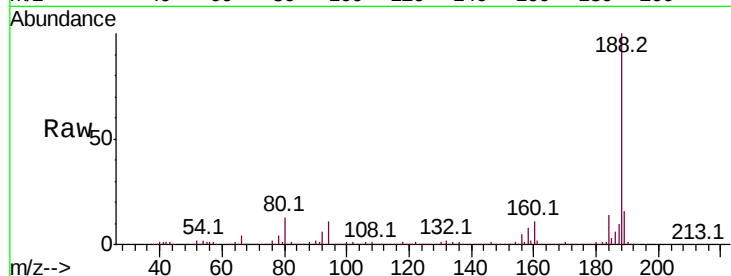
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111439.D
Acq: 15 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-029-A

Tot Ion	Ratio	Resp	Lower	Upper
188	100	439724		
94	11.2		9.6	14.4
80	12.6		9.8	14.6

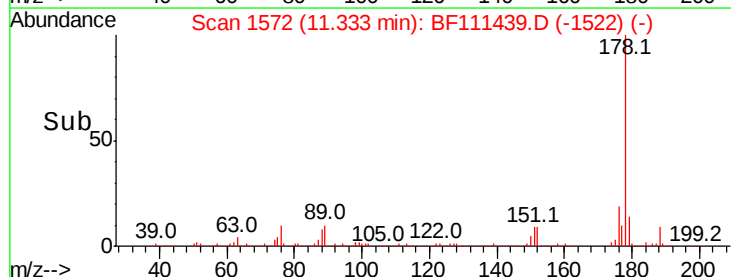
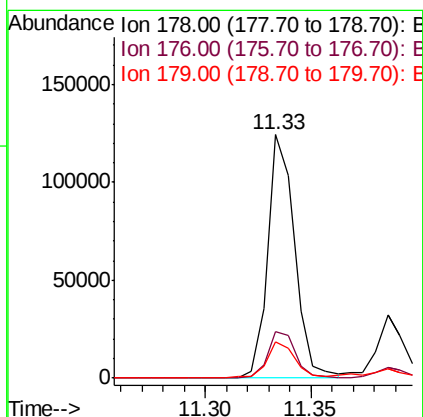
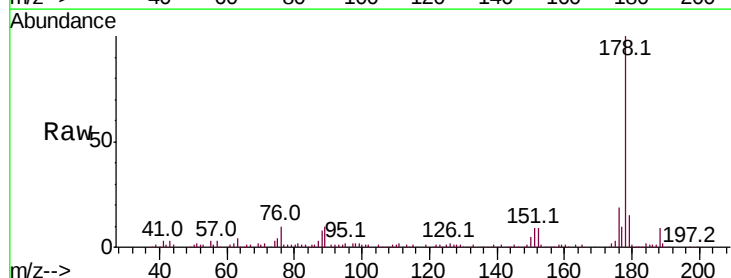
Manual Integrations
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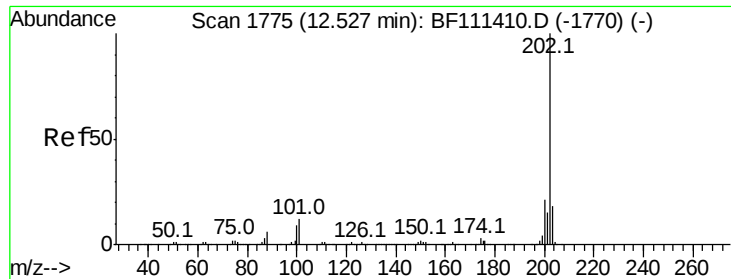
Sohil
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#71
Phenanthrene
Concen: 4.892 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111439.D
Acq: 15 Dec 2018 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	110845		
176	19.2		18.1	27.1
179	14.9		14.0	21.0





#75

Fluoranthene

Concen: 8.743 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111439.D

Acq: 15 Dec 2018 00:40

Instrument :

BNA_F

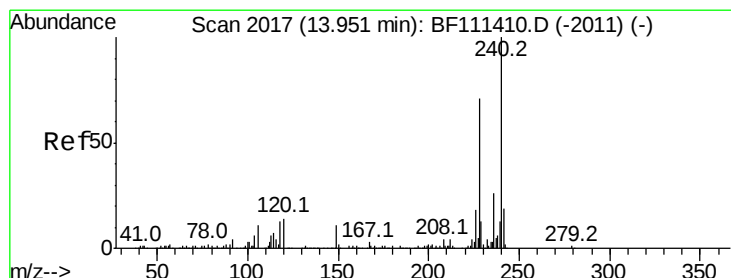
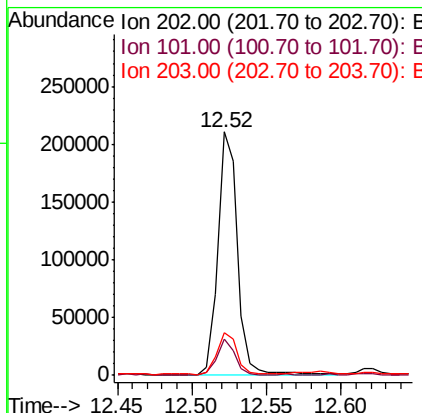
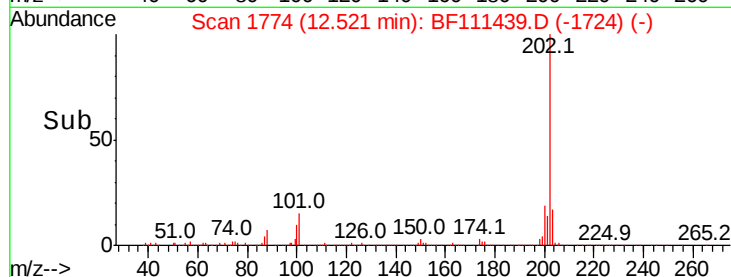
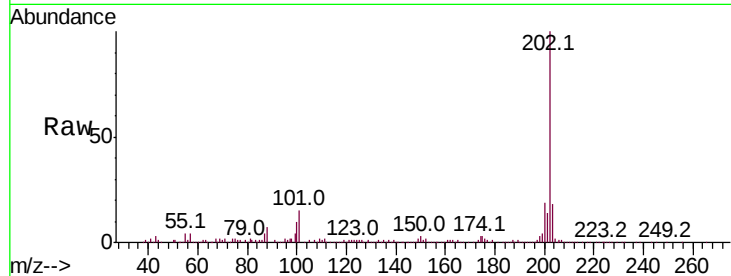
ClientSampleId :

FK-GF-02-029-A

Tot Ion	Ratio	Resp	Lower	Upper
202	100	193794		
101	14.7	0.0	33.8	
203	17.6	0.0	38.6	

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

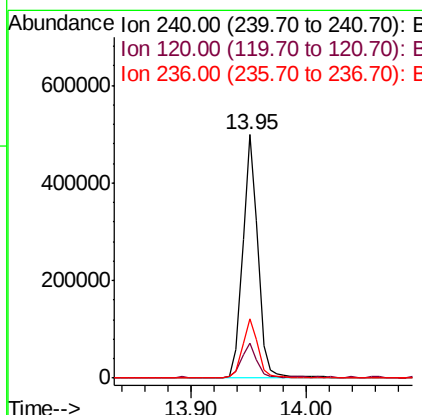
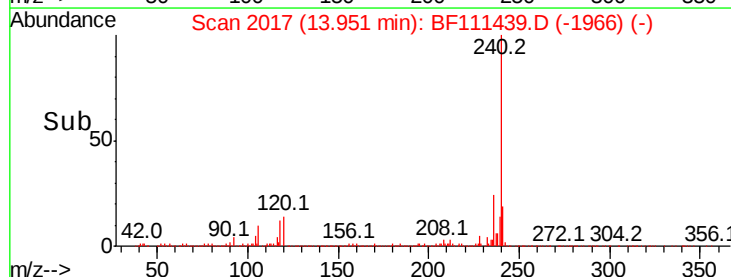
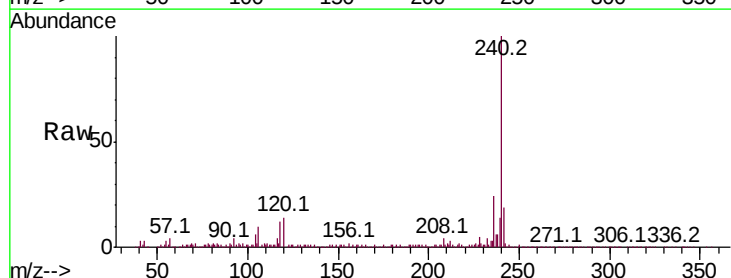
RT: 13.95 min Scan# 2017

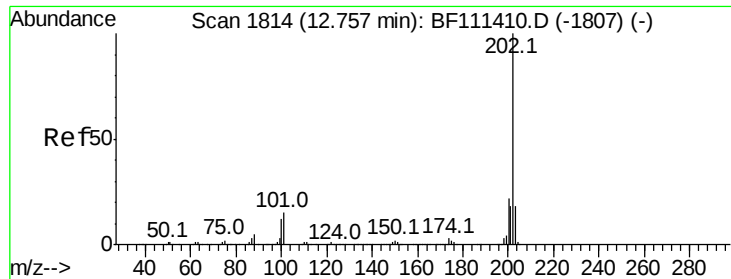
Delta R.T. 0.00 min

Lab File: BF111439.D

Acq: 15 Dec 2018 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	451321		
120	14.4	12.2	18.2	
236	24.5	20.2	30.2	





#78

Pvrene

Concen: 5.597 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111439.D

Acq: 15 Dec 2018 00:40

Instrument :

BNA_F

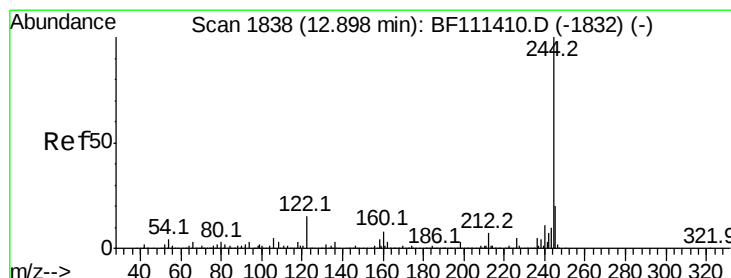
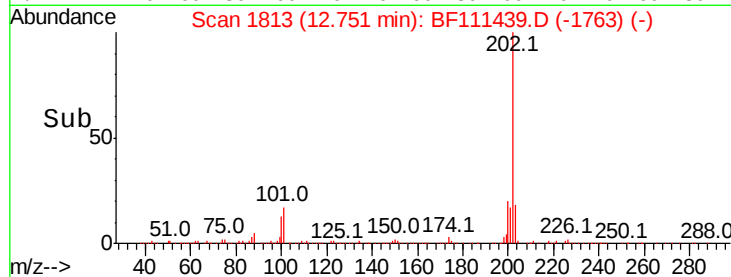
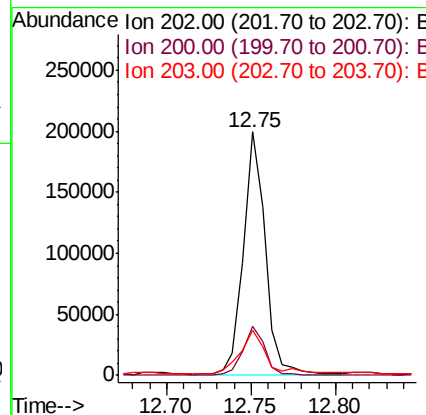
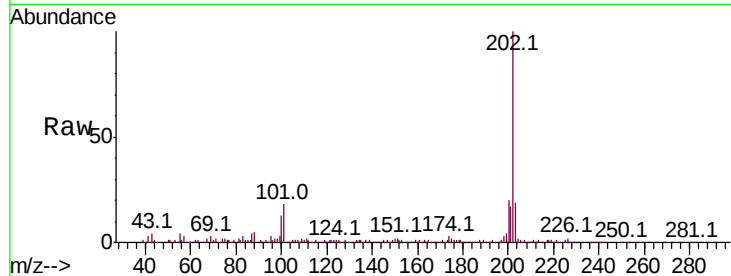
ClientSampleId :

FK-GF-02-029-A

Tot Ion:	202	Resp:	178088
Ion Ratio	Lower	Upper	
202	100		
200	20.1	19.0	28.4
203	18.6	15.2	22.8

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#79

Terphenyl-d14

Concen: 37.825 ng

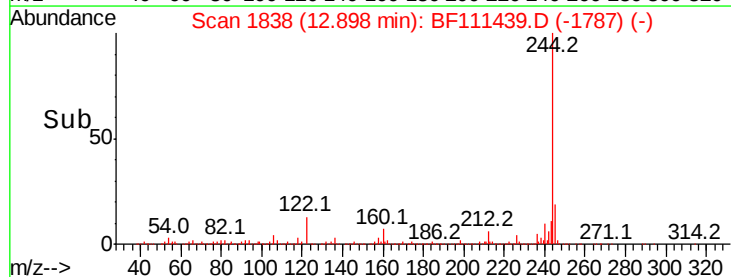
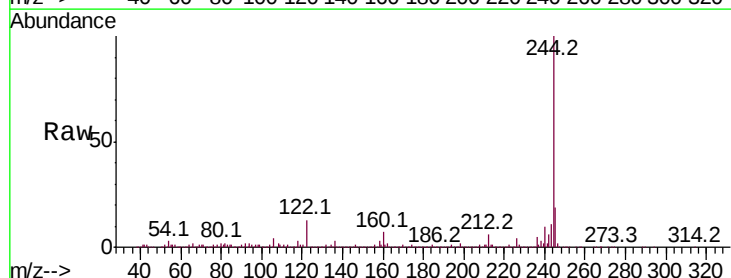
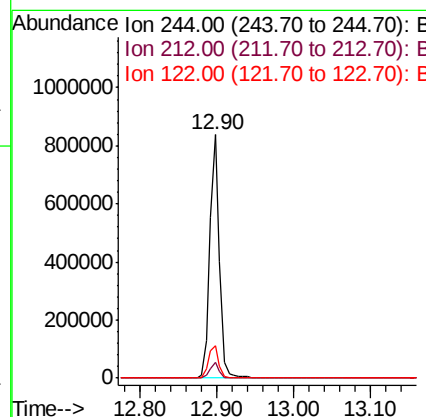
RT: 12.90 min Scan# 1838

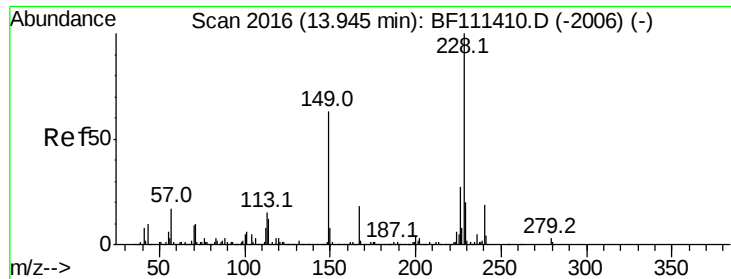
Delta R.T. 0.00 min

Lab File: BF111439.D

Acq: 15 Dec 2018 00:40

Tgt Ion:	244	Resp:	726985
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.7	8.5
122	13.3	13.1	19.7





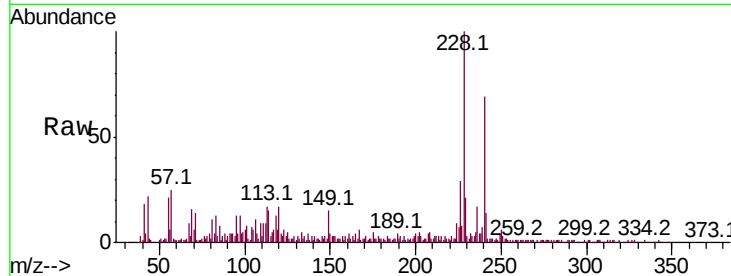
#81
Benzo(a)anthracene
Concen: 3.465 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111439.D
Acq: 15 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-029-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	34.0
229	21.0	16.3	24.5

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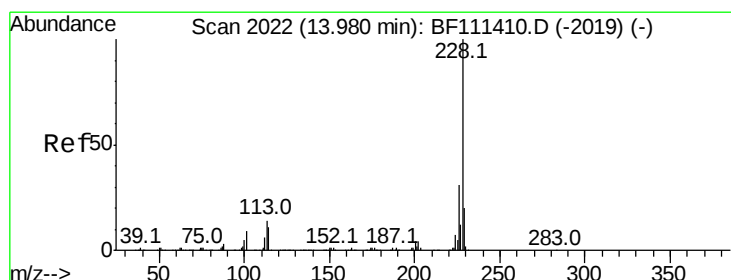
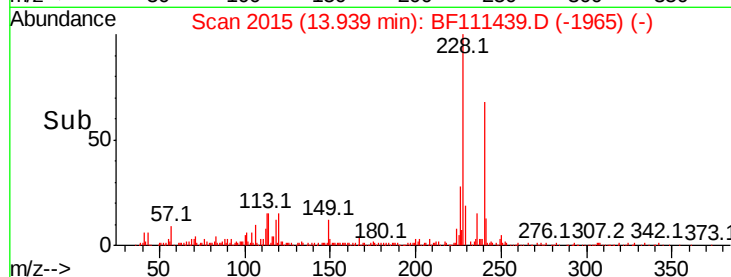
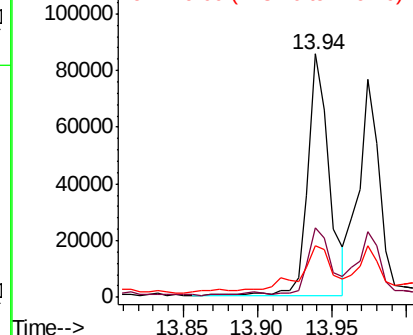


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
Chrysene
Concen: 3.047 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111439.D
Acq: 15 Dec 2018 00:40

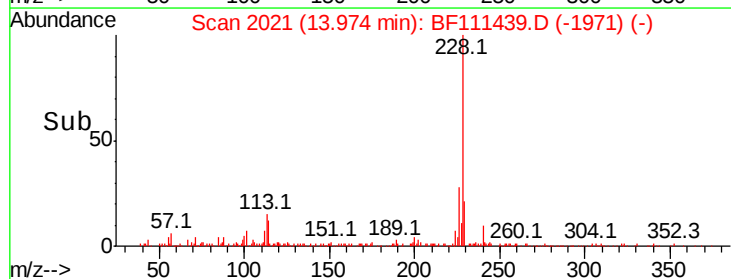
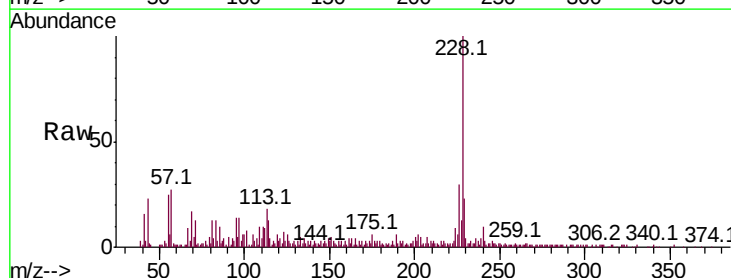
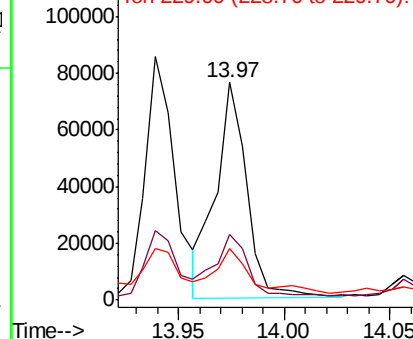
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.3	37.9
229	23.5	17.2	25.8

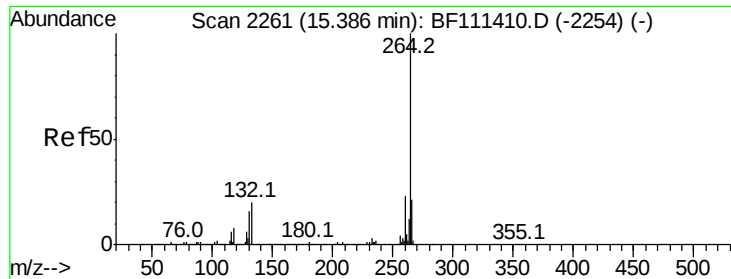
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111439.D

Acq: 15 Dec 2018 00:40

Instrument :

BNA_F

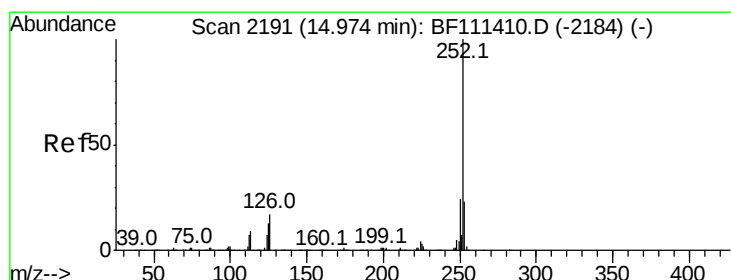
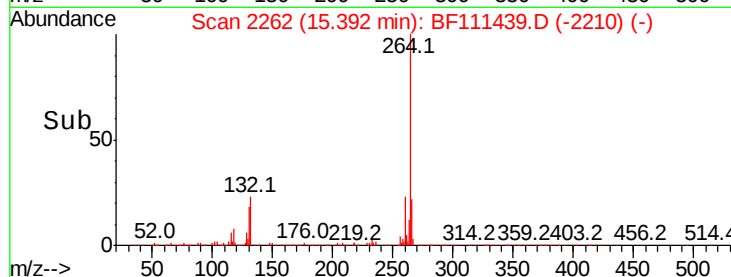
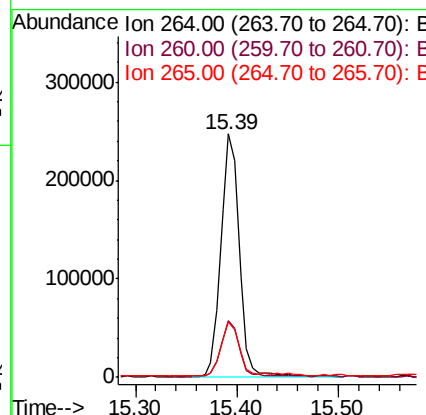
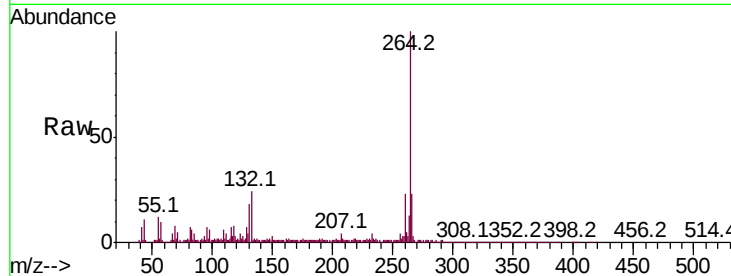
ClientSampleId :

FK-GF-02-029-A

Tot Ion:	264	Resp:	310692
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.3	27.5
265	23.0	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 3.970 ng m

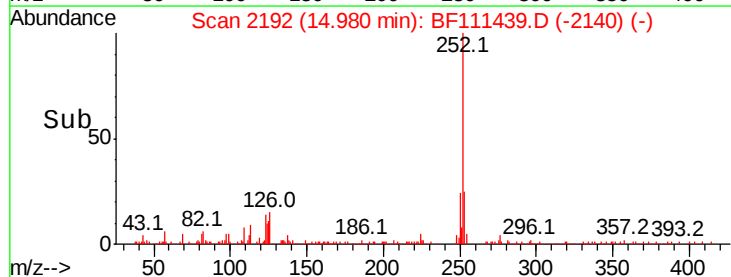
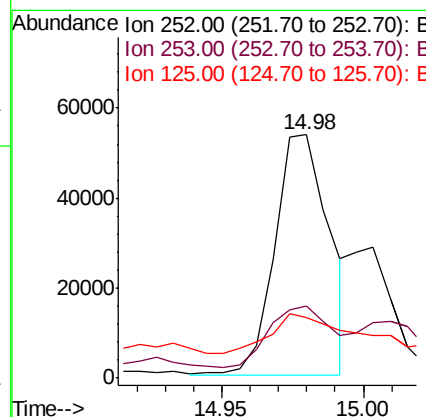
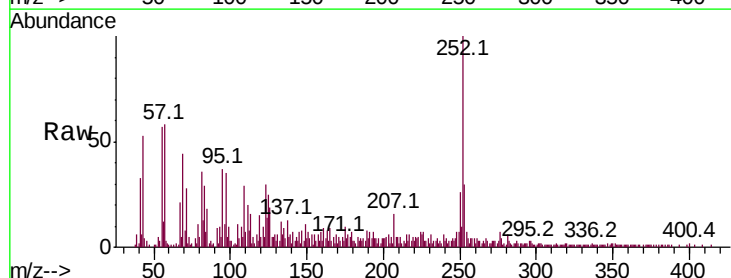
RT: 14.98 min Scan# 2192

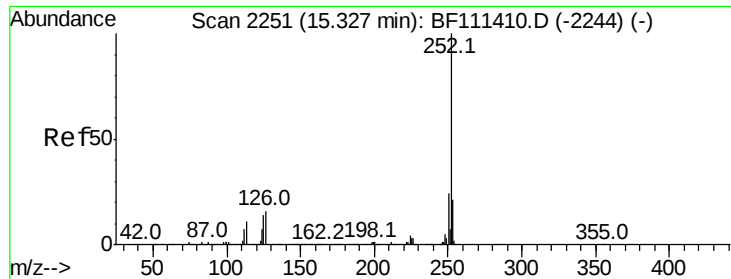
Delta R.T. 0.01 min

Lab File: BF111439.D

Acq: 15 Dec 2018 00:40

Tgt Ion:	252	Resp:	71912
Ion Ratio	Lower	Upper	
252	100		
253	29.8	18.2	27.2#
125	24.8	10.4	15.6#





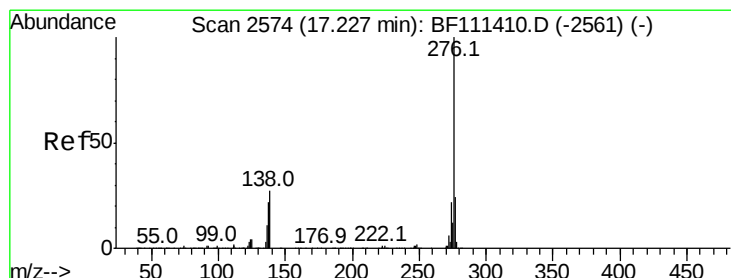
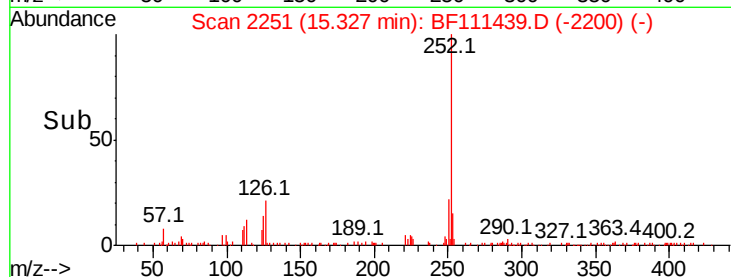
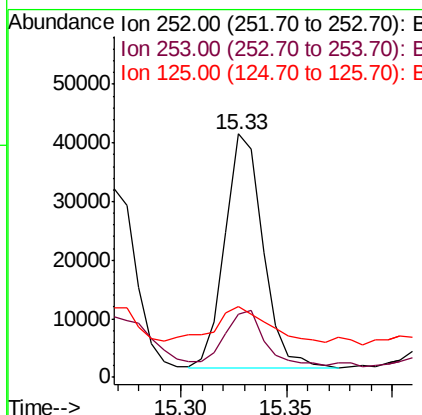
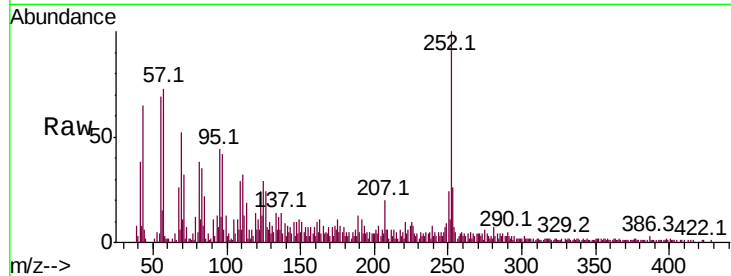
#90
Benzo(a)pyrene
Concen: 3.076 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF111439.D
Acq: 15 Dec 2018 00:40

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-029-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.8	26.8
125	29.1	12.3	18.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.166 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF111439.D
Acq: 15 Dec 2018 00:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.7	19.2	28.8
138	35.2	24.9	37.3

