

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103279.D
 Acq On : 27 Feb 2018 22:27
 Operator : SJ/JU
 Sample : J1703-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-004-A

Manual Integrations
 APPROVED

Sohil
 2/28/2018 11:18:08 AM

Quant Time: Feb 28 02:23:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	145719	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	579813	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	215726	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	314656	20.00	ng	0.00
75) Chrysene-d12	14.06	240	246566	20.00	ng	0.00
86) Perylene-d12	15.56	264	170156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	876087	90.93	ng	0.00
7) Phenol-d6	6.51	99	1024476	86.90	ng	0.00
23) Nitrobenzene-d5	7.44	82	635041	62.55	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	139861	76.59	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	872026	65.96	ng	0.00
78) Terphenyl-d14	12.99	244	607365	59.21	ng	0.00
Target Compounds						
74) Fluoranthene	12.62	202	48083	2.763	ng	97
77) Pyrene	12.85	202	46995	2.445	ng	99
87) Benzo(b)fluoranthene	15.12	252	22880m	2.045	ng	

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

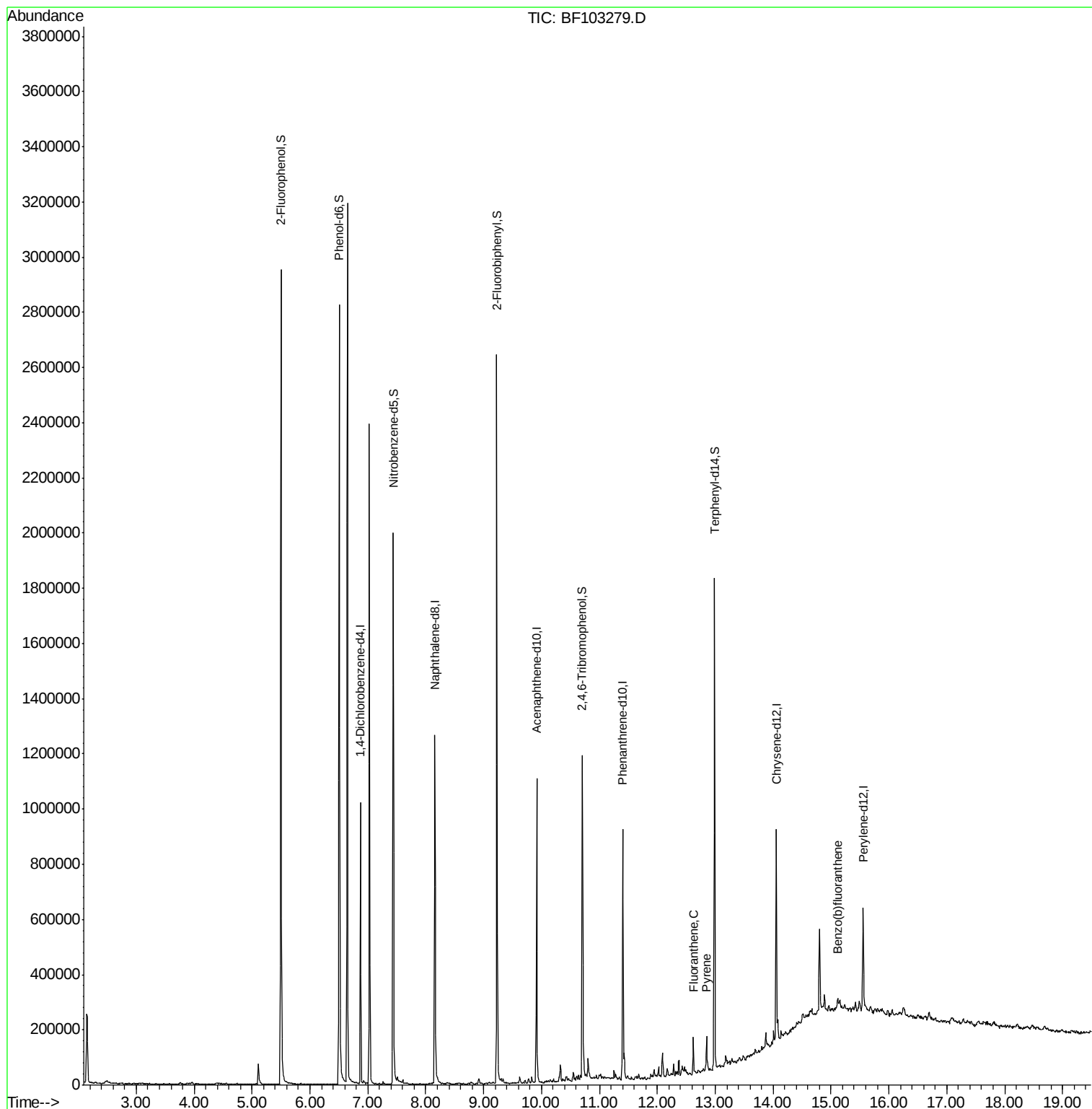
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103279.D
Acq On : 27 Feb 2018 22:27
Operator : SJ/JU
Sample : J1703-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

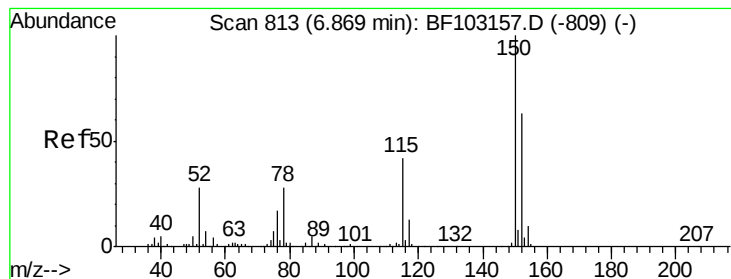
Instrument :
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FK-GF-03-004-A

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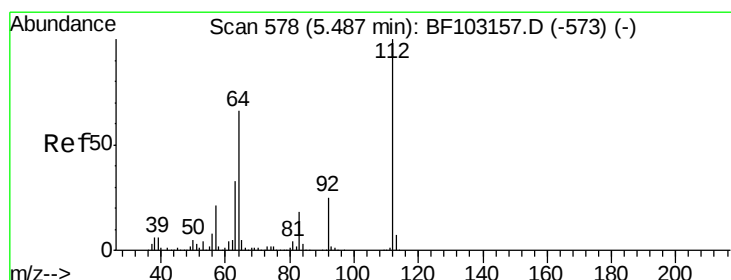
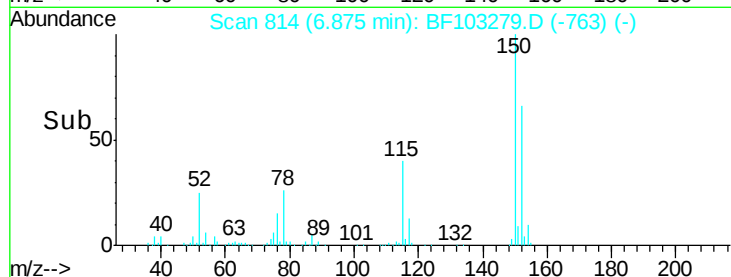
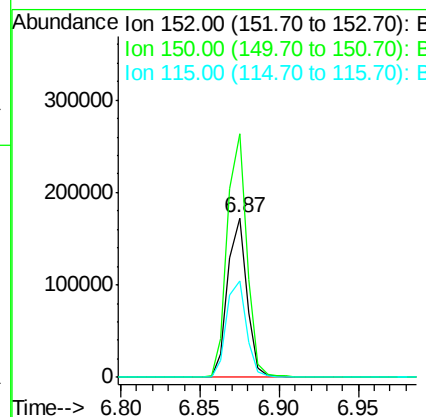
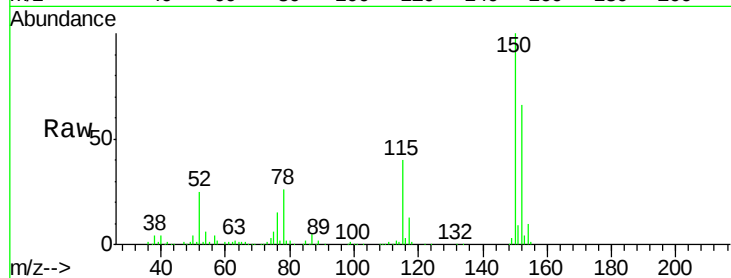
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF103279.D
 Acq: 27 Feb 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-004-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.6	186.8
115	60.6	50.1	75.1

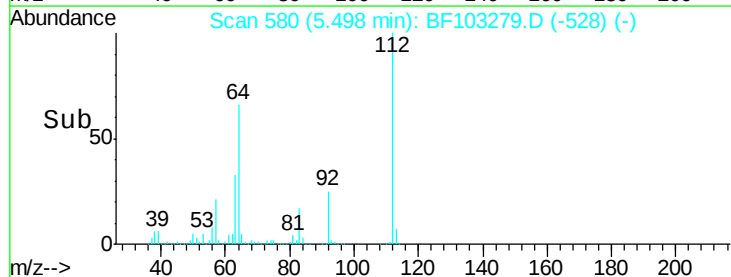
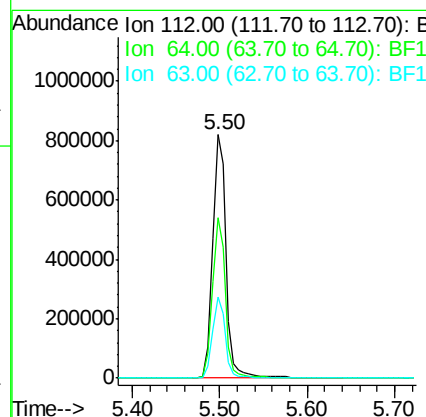
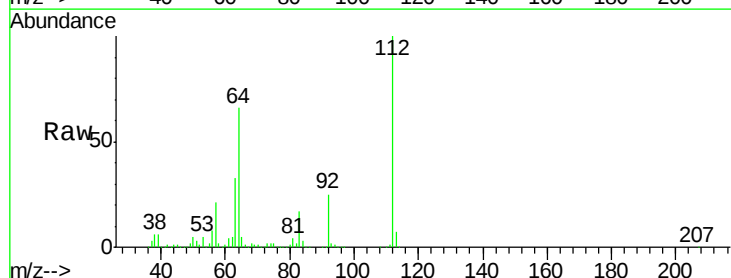
Manual Integrations
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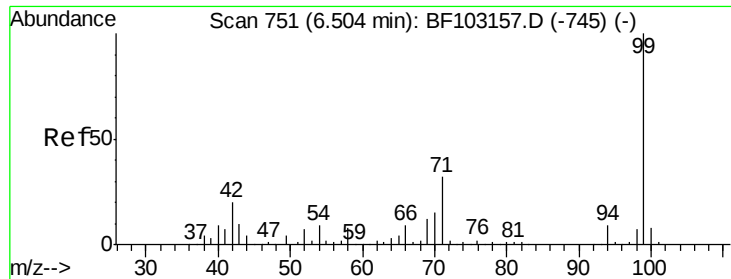
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#5
 2-Fluorophenol
 Concen: 90.930 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF103279.D
 Acq: 27 Feb 2018 22:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	47.9	71.9
63	33.1	23.7	35.5





#7

Phenol-d6

Concen: 86.897 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103279.D

Acq: 27 Feb 2018 22:27

Instrument :

BNA_F

ClientSampled :

FK-GF-03-004-A

Tot Ion: 99 Resp: 1024476

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

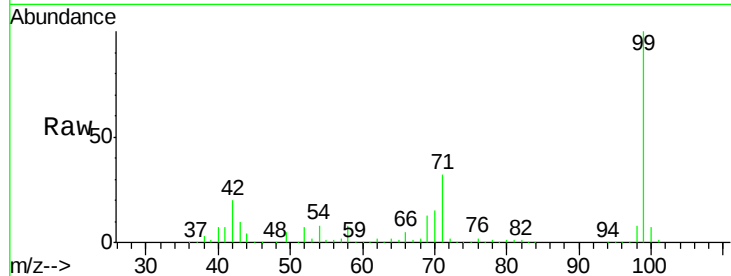
71 32.3 25.4 38.0

Manual Integrations

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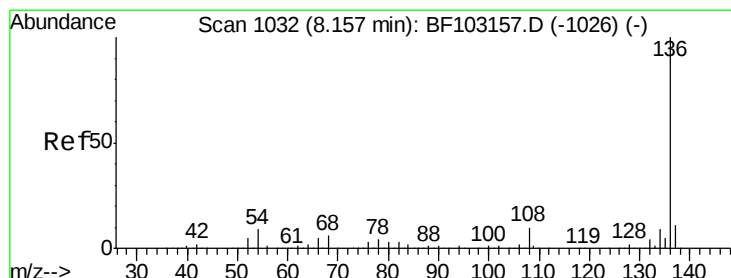
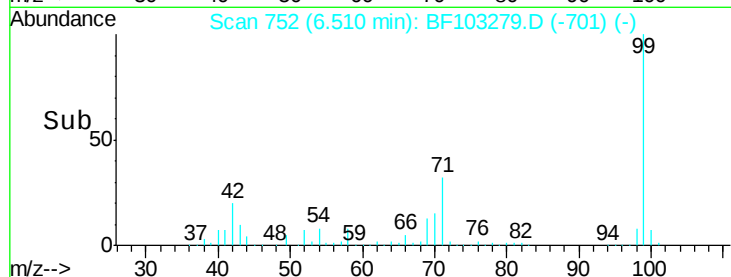
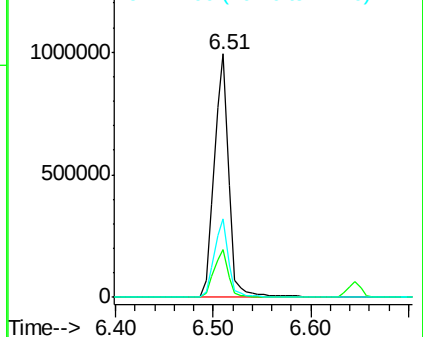
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103279.D

Acq: 27 Feb 2018 22:27

Tgt Ion: 136 Resp: 579813

Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.8 6.6 9.8

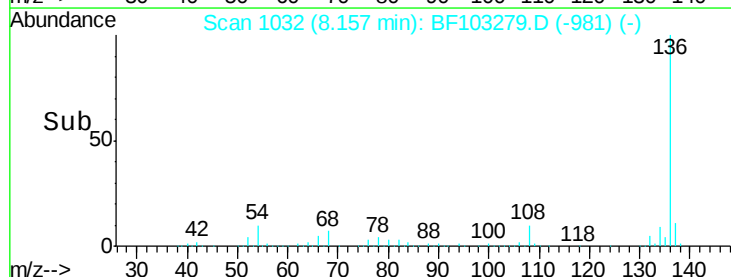
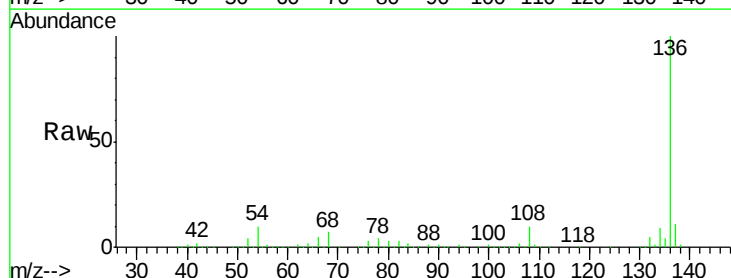
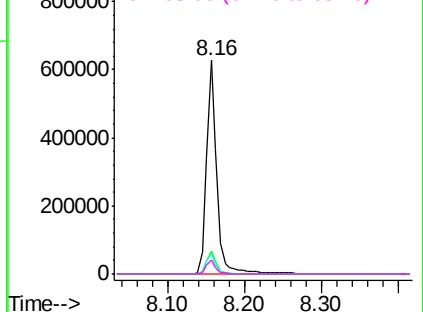
68 6.7 5.0 7.4

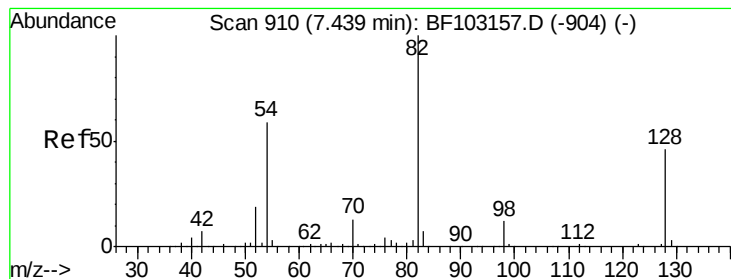
Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.548 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103279.D

Acq: 27 Feb 2018 22:27

Instrument :

BNA_F

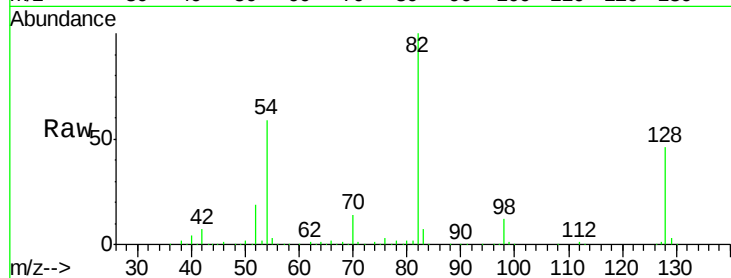
ClientSampleId :

FK-GF-03-004-A

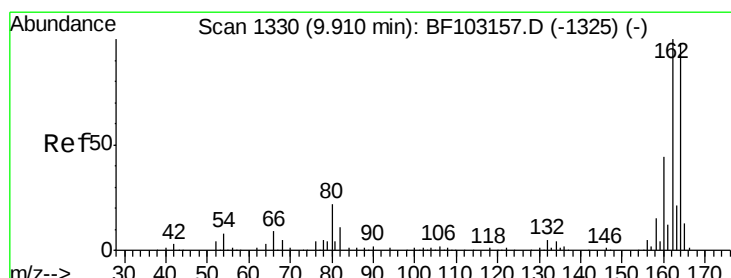
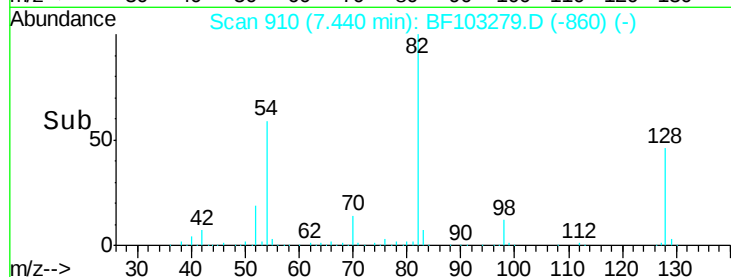
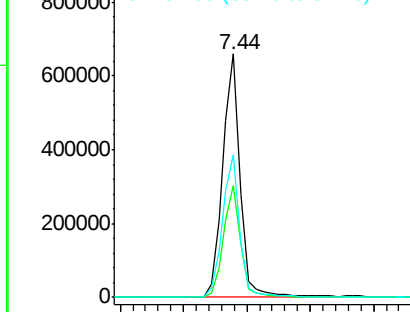
Tot Ion:	82	Resp:	635041
Ion Ratio	Lower	Upper	
82	100		
128	46.0	36.1	54.1
54	58.7	41.4	62.2

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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



#38

Acenaphthene-d10

Concen: 20.000 ng

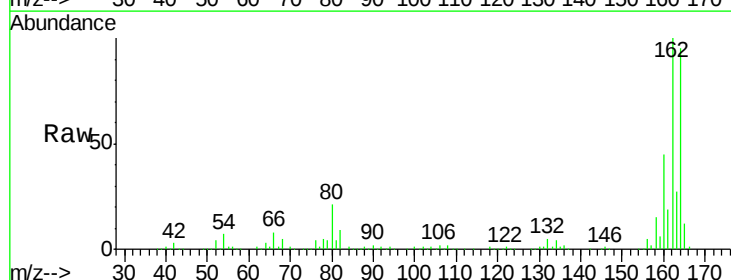
RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

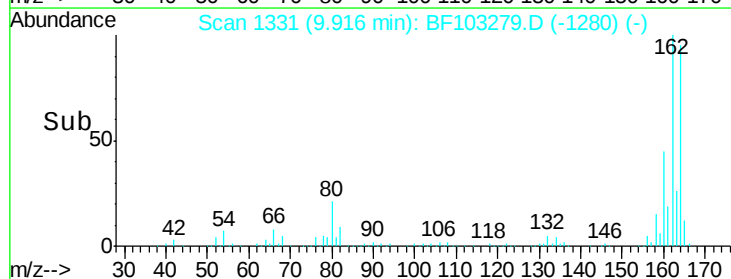
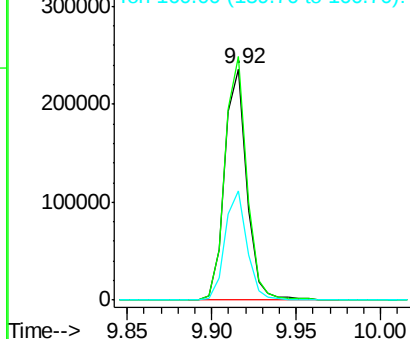
Lab File: BF103279.D

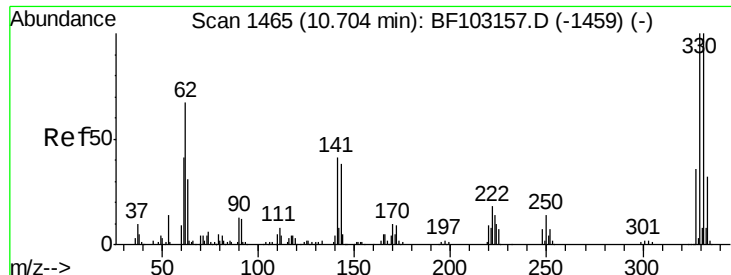
Acq: 27 Feb 2018 22:27

Tgt Ion:	164	Resp:	215726
Ion Ratio	Lower	Upper	
164	100		
162	105.3	86.1	129.1
160	47.0	38.3	57.5



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





#41

2,4,6-Tribromophenol

Concen: 76.594 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF103279.D

Acq: 27 Feb 2018 22:27

Instrument :

BNA_F

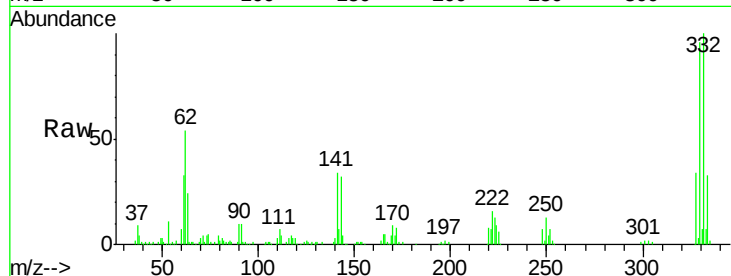
ClientSampleId :

FK-GF-03-004-A

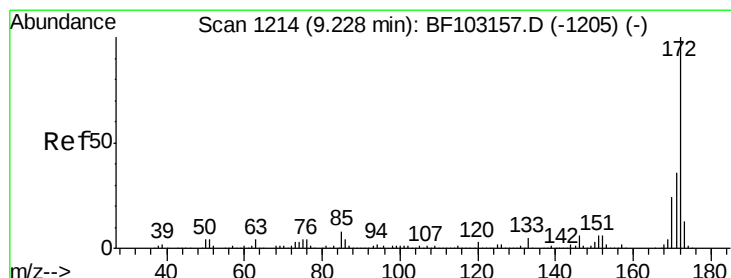
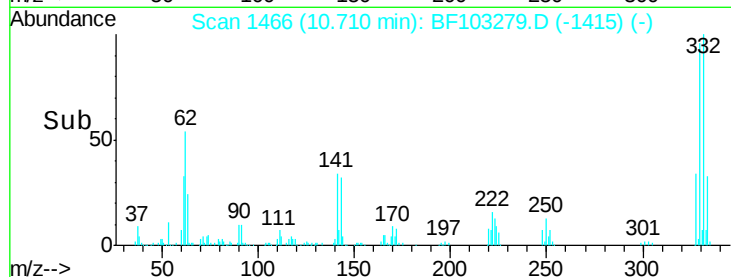
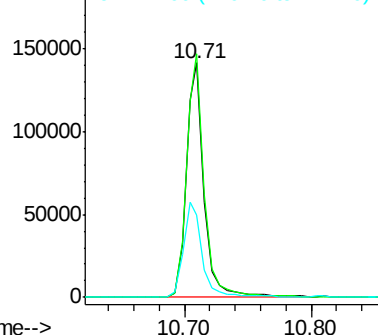
Tot Ion:	330	Resp:	139861
Ion Ratio	Lower	Upper	
330	100		
332	103.4	77.0	115.6
141	43.5	29.9	44.9

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 65.962 ng

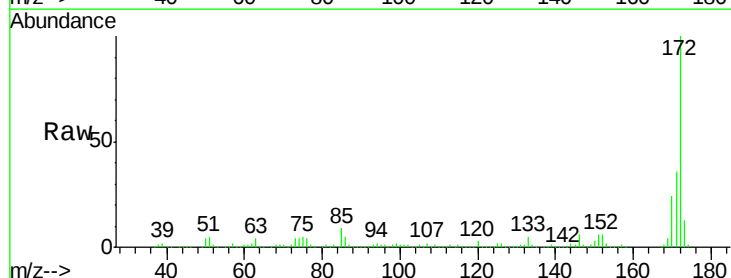
RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

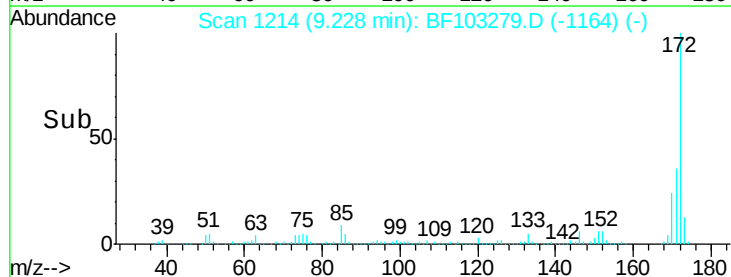
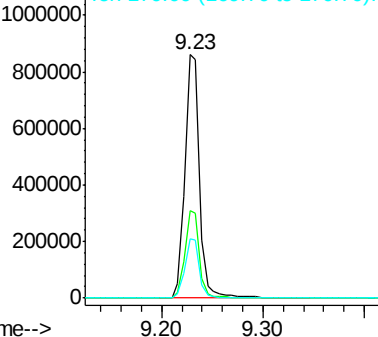
Lab File: BF103279.D

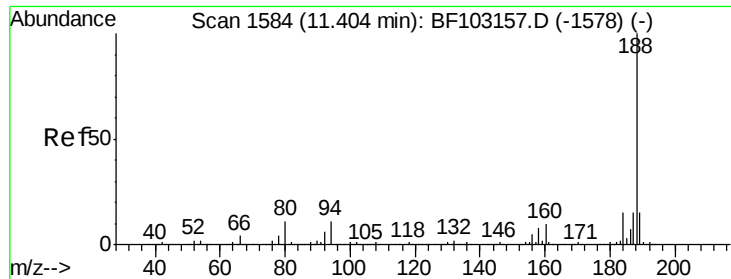
Acq: 27 Feb 2018 22:27

Tgt Ion:	172	Resp:	872026
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





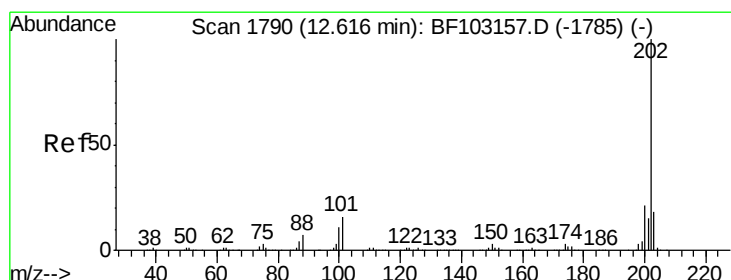
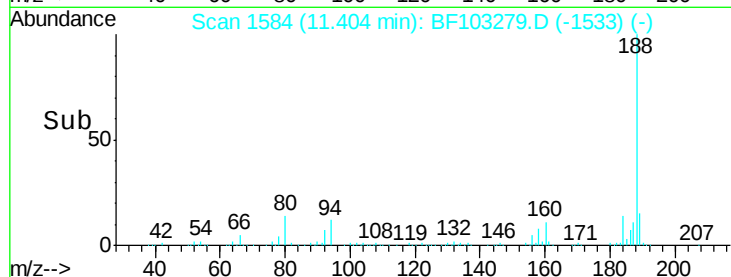
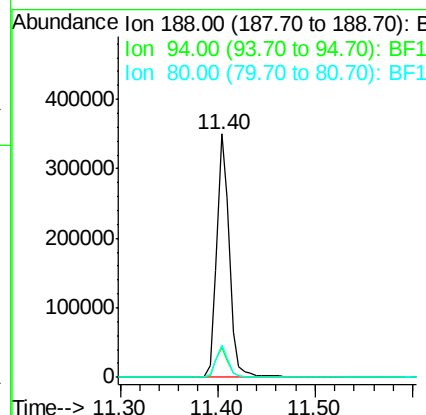
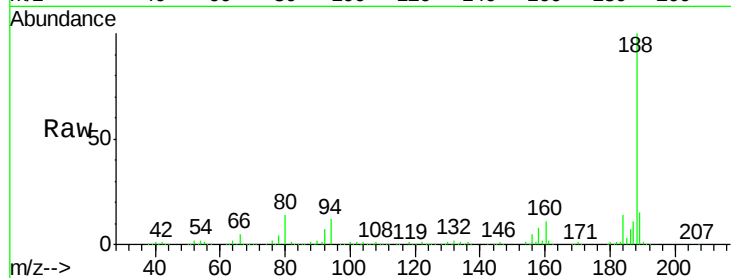
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103279.D
Acq: 27 Feb 2018 22:27

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-004-A

Tot Ion	Ratio	Resp	Lower	Upper
188	100	314656		
94	12.2		8.5	12.7
80	13.5		9.2	13.8

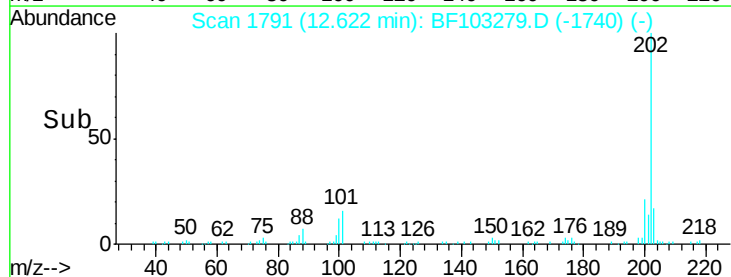
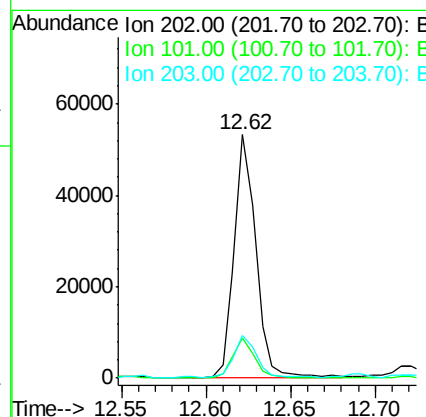
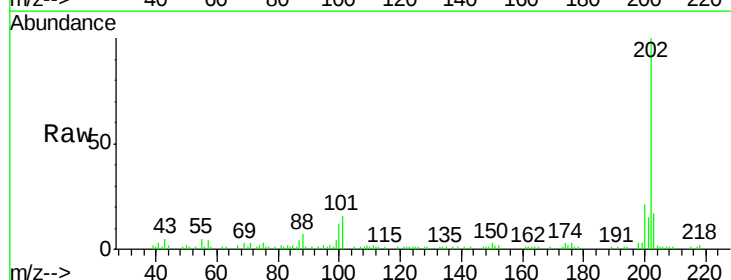
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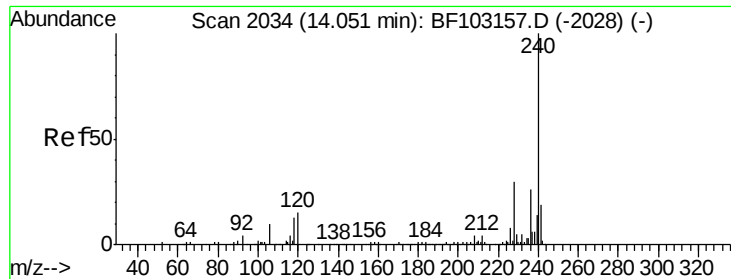
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#74
Fluoranthene
Concen: 2.763 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF103279.D
Acq: 27 Feb 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	48083		
101	16.3		0.0	34.1
203	17.4		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103279.D

Acq: 27 Feb 2018 22:27

Instrument :

BNA_F

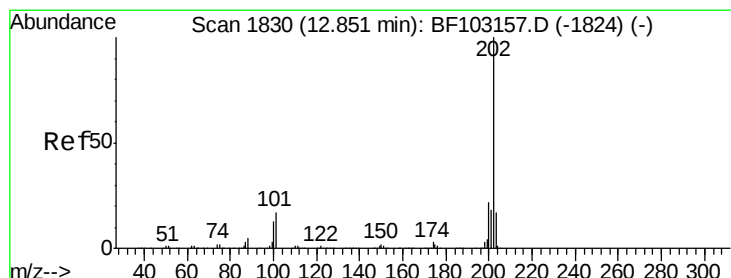
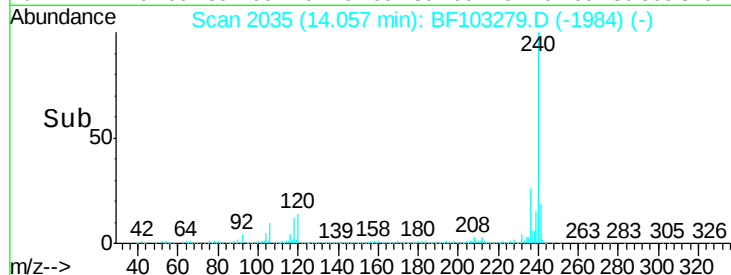
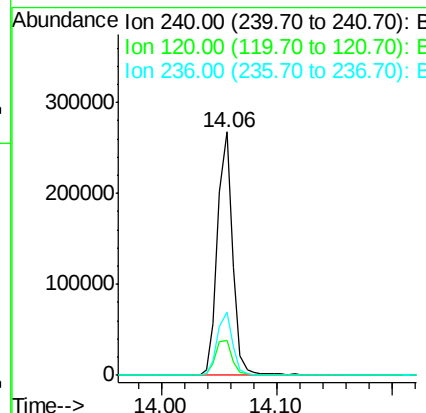
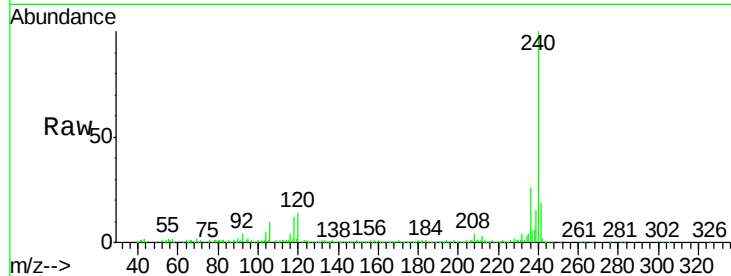
ClientSampleId :

FK-GF-03-004-A

Tot Ion	Ratio	Resp	Lower	Upper
240	100	246566		
120	14.2	9.5	14.3	
236	25.8	20.7	31.1	

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#77

Pyrene

Concen: 2.445 ng

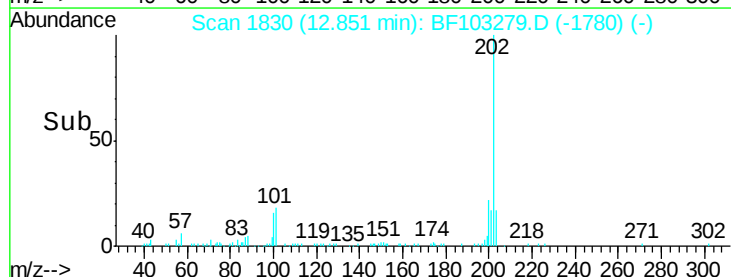
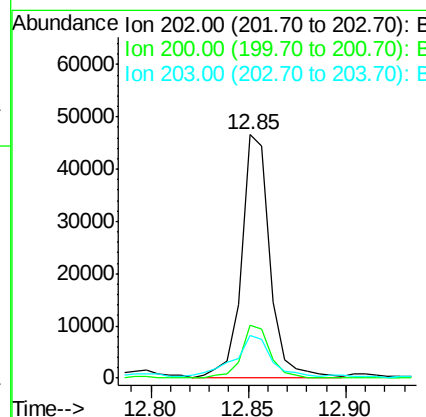
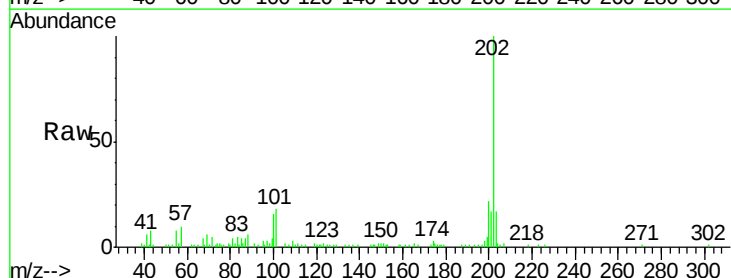
RT: 12.85 min Scan# 1830

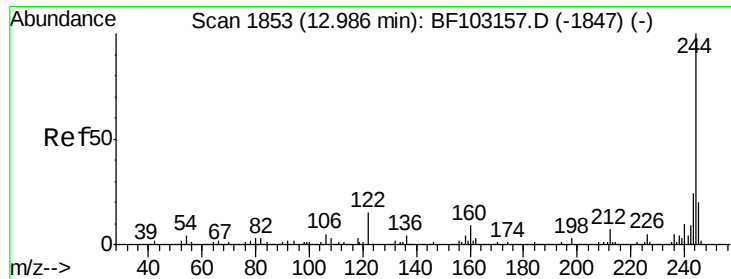
Delta R.T. -0.01 min

Lab File: BF103279.D

Acq: 27 Feb 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	46995		
200	22.0	17.4	26.2	
203	17.4	14.3	21.5	





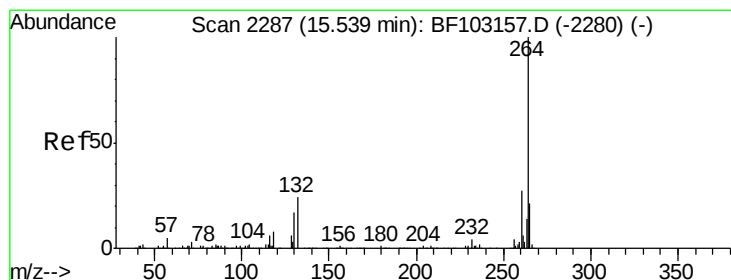
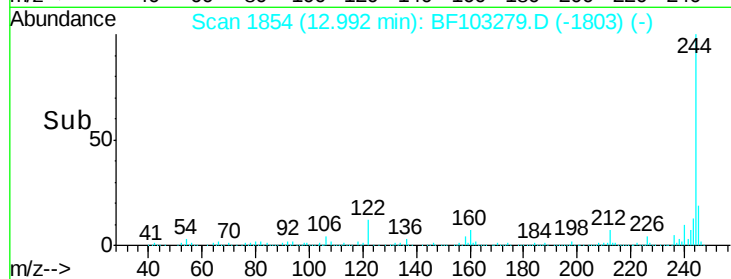
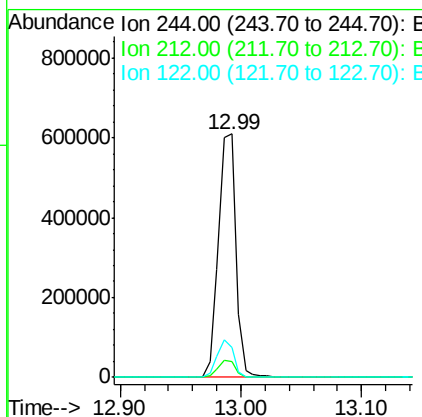
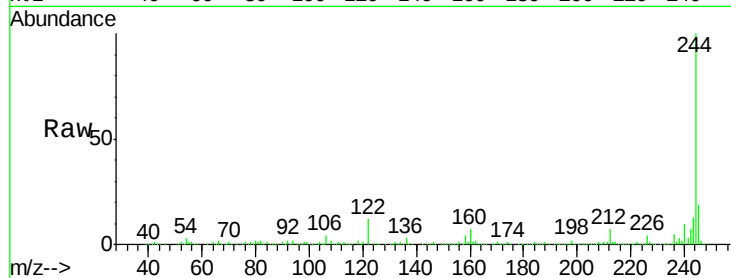
#78
 Terphenyl-d14
 Concen: 59.214 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BF103279.D
 Acq: 27 Feb 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-004-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.2	11.0	16.4

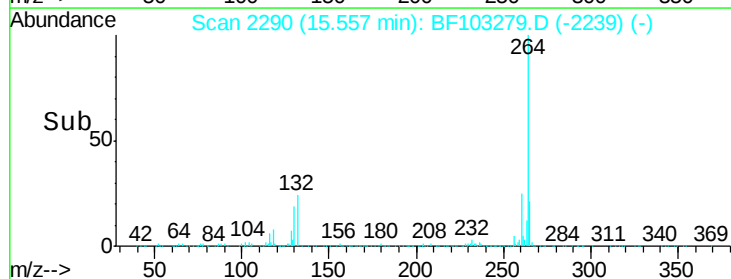
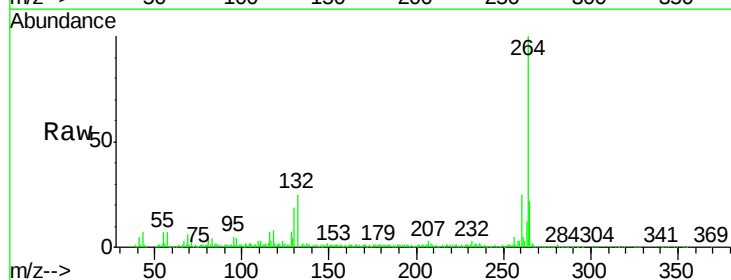
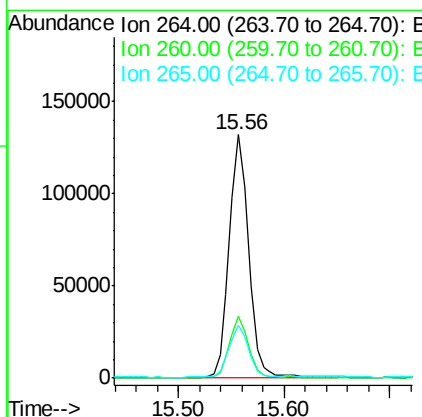
Manual Integrations
 APPROVED

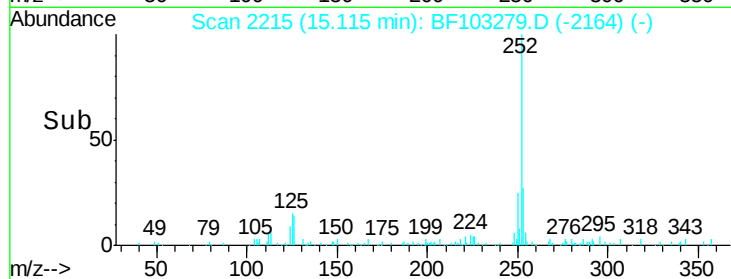
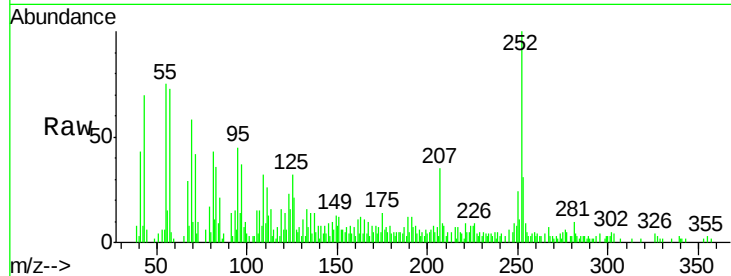
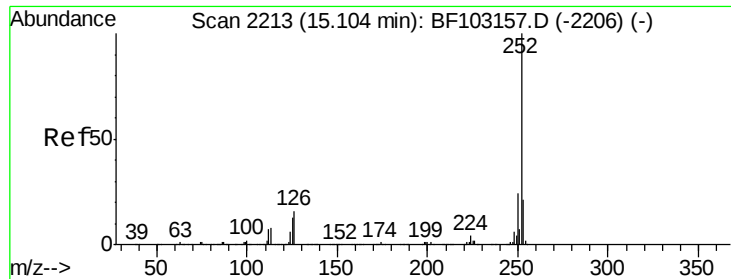
Sohil
 2/28/2018 11:18:08 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BF103279.D
 Acq: 27 Feb 2018 22:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.045 ng m

RT: 15.12 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BF103279.D

Acq: 27 Feb 2018 22:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-004-A

Tot Ion: 252 Resp: 22880

Ion Ratio Lower Upper

252 100

253 31.1 17.0 25.6#

125 31.5 9.0 13.6#

Manual Integrations

APPROVED

Sohil

2/28/2018 11:18:08 AM

