

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103269.D
 Acq On : 27 Feb 2018 18:02
 Operator : SJ/JU
 Sample : J1397-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-022318-C

Manual Integrations
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Sohil
 2/28/2018 11:17:52 AM

Quant Time: Feb 28 00:19:13 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	152008	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	615729	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	242559	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	346527	20.00	ng	0.00
75) Chrysene-d12	14.06	240	252975	20.00	ng	0.00
86) Perylene-d12	15.56	264	190477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	973800	96.89	ng	0.01
7) Phenol-d6	6.52	99	1146720	93.24	ng	0.00
23) Nitrobenzene-d5	7.44	82	727086	67.44	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	168391	82.02	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1126246	78.54	ng	0.00
78) Terphenyl-d14	12.99	244	752699	71.52	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	121157	6.226	ng	99
70) Phenanthrene	11.43	178	54793	2.873	ng	98
74) Fluoranthene	12.62	202	61085	3.188	ng	98
77) Pyrene	12.86	202	71897	3.645	ng	99

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

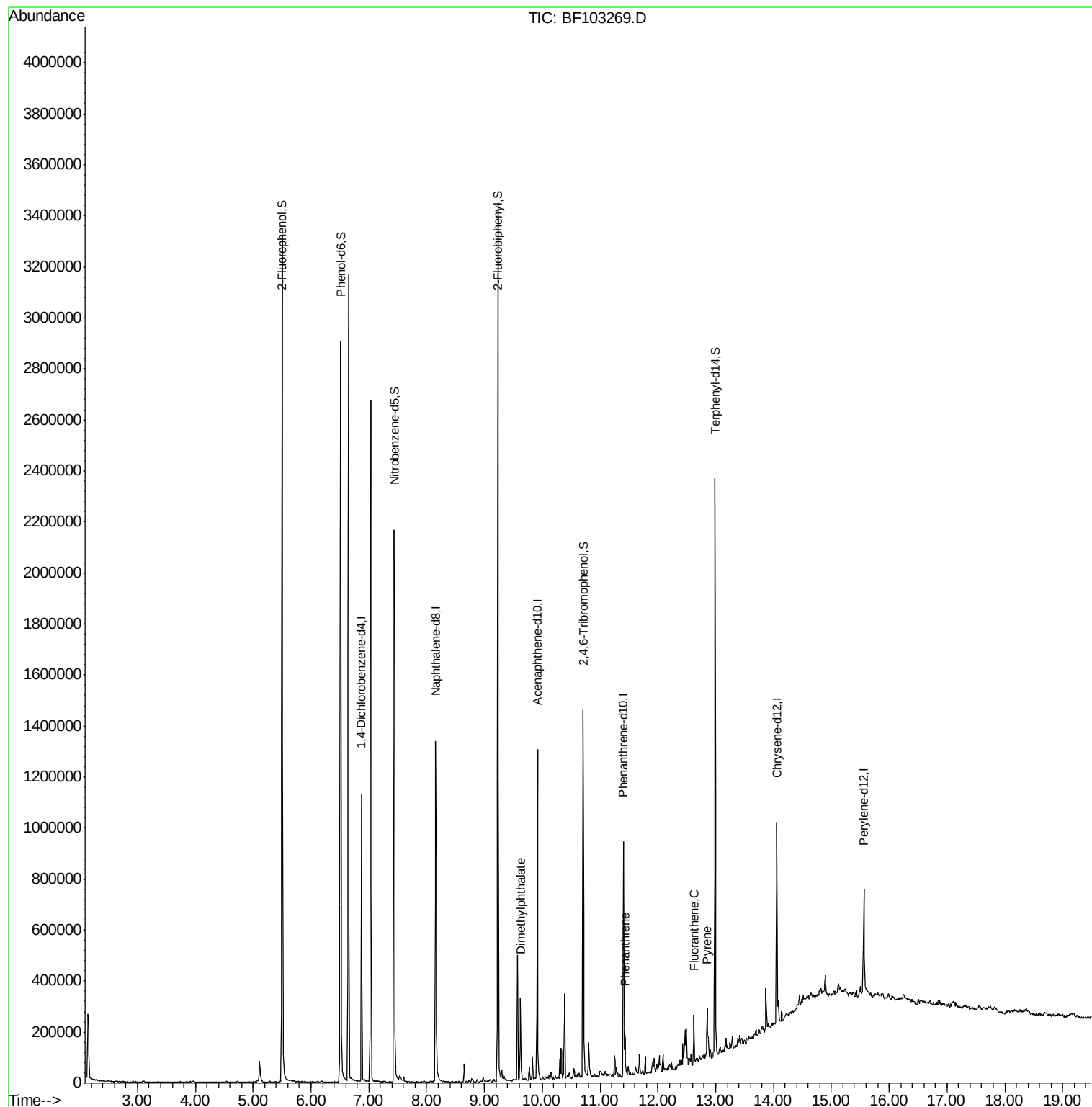
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103269.D
Acq On : 27 Feb 2018 18:02
Operator : SJ/JU
Sample : J1397-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

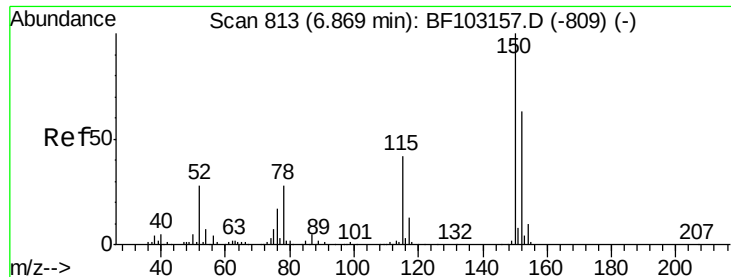
Instrument :
BNA_F
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CL-02-022318-C

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Quant Time: Feb 28 00:19:13 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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#1

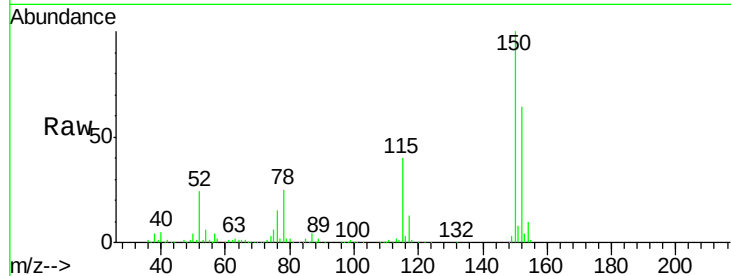
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103269.D
Acq: 27 Feb 2018 18:02

Instrument :
BNA_F
ClientSampleId :
CL-02-022318-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	61.8	50.1	75.1

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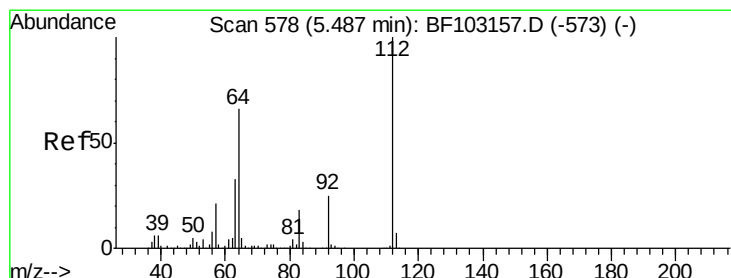
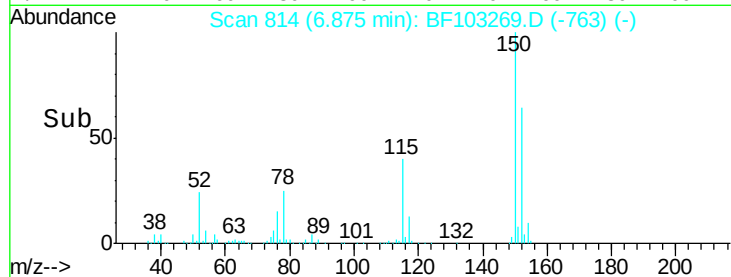
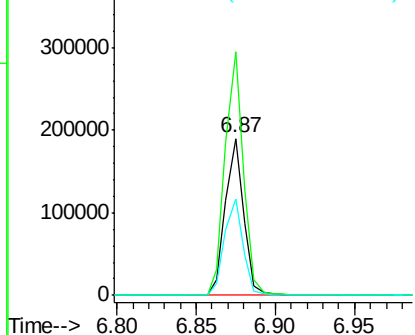


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

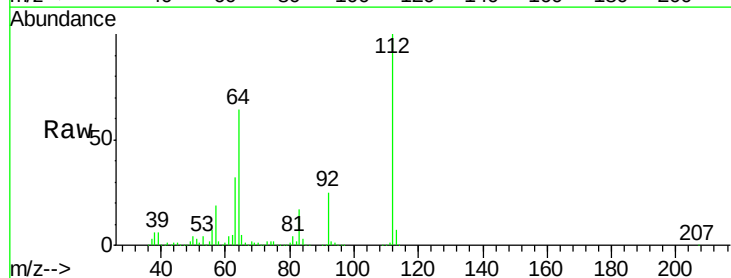
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.890 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103269.D
Acq: 27 Feb 2018 18:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	47.9	71.9
63	32.0	23.7	35.5

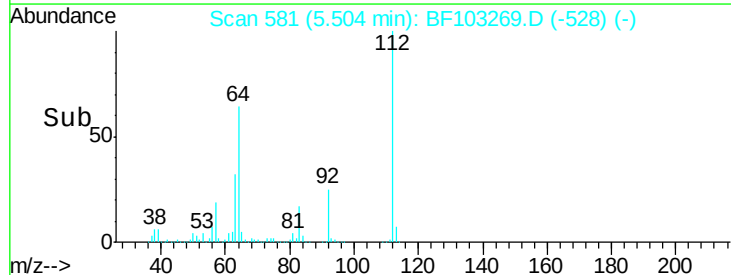
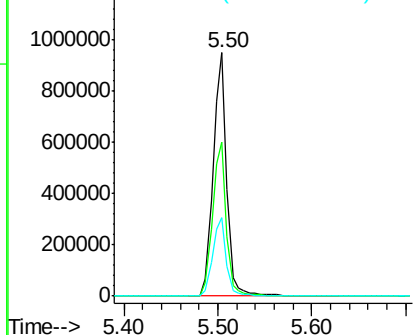


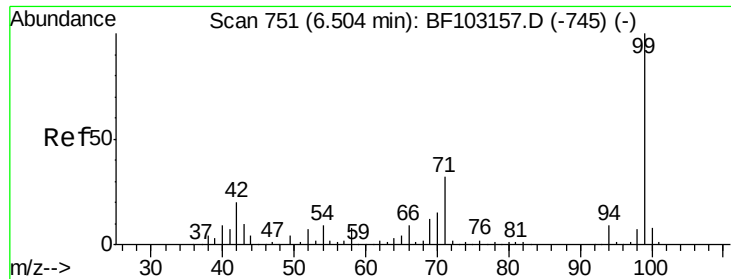
Abundance

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: 93.241 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103269.D

Acq: 27 Feb 2018 18:02

Instrument :

BNA_F

ClientSampled :

CL-02-022318-C

Tot Ion: 99 Resp: 1146720

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

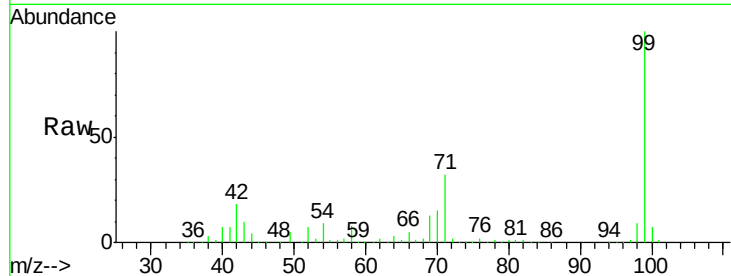
71 32.4 25.4 38.0

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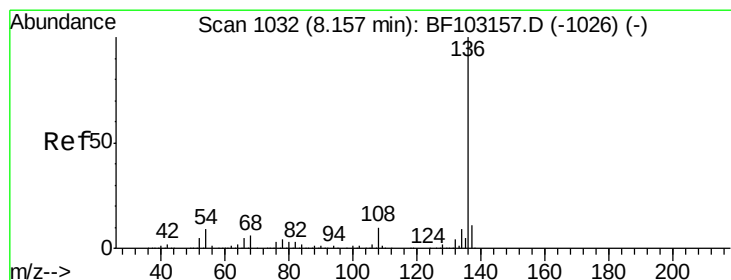
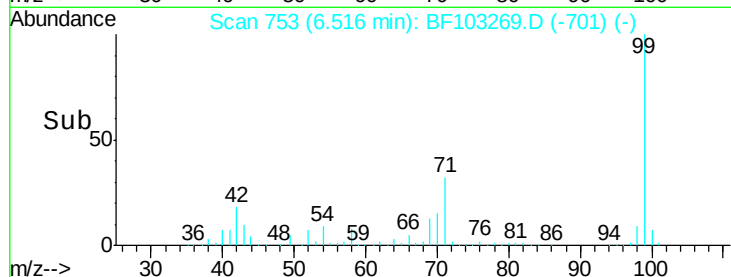
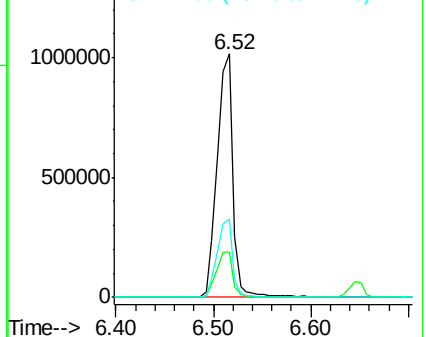
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: BF103269.D

Acq: 27 Feb 2018 18:02

Tgt Ion: 136 Resp: 615729

Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.4 6.6 9.8

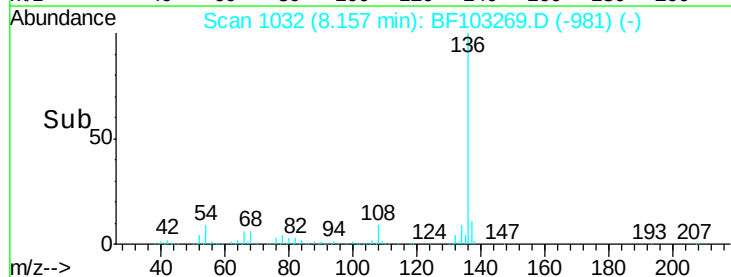
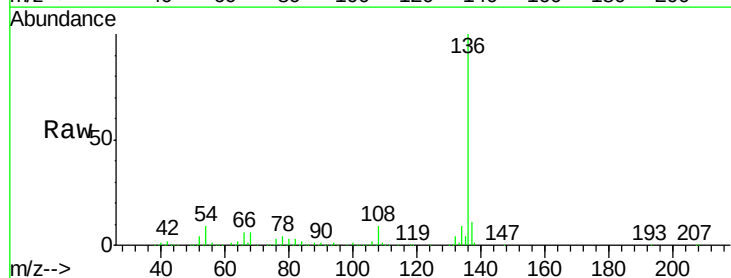
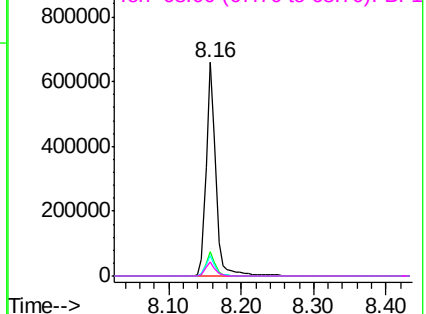
68 6.5 5.0 7.4

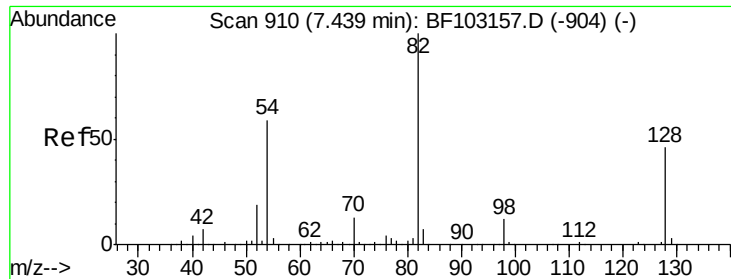
Abundance Ion 136.00 (135.70 to 136.70): E

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





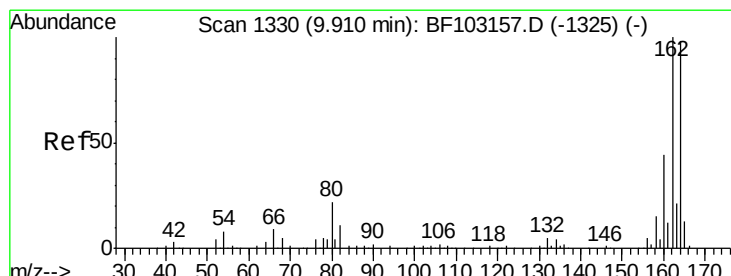
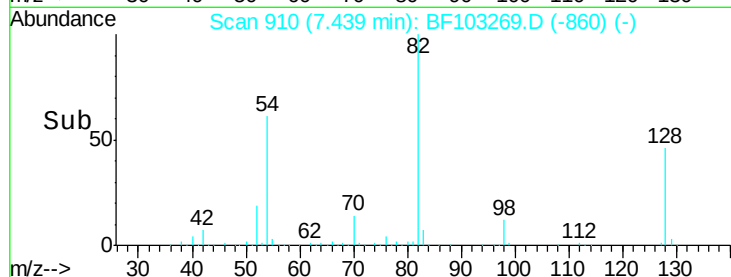
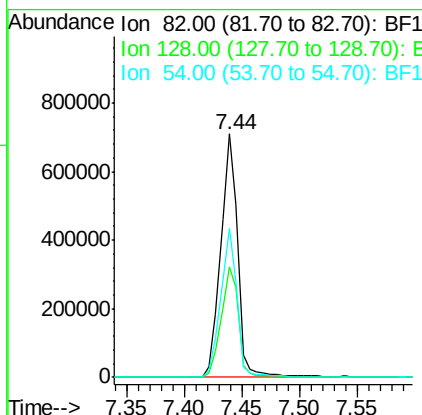
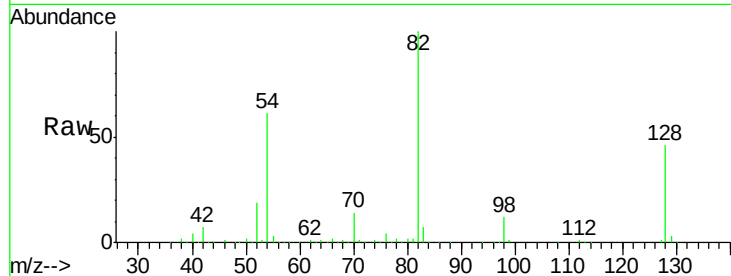
#23
 Nitrobenzene-d5
 Concen: 67.437 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103269.D
 Acq: 27 Feb 2018 18:02

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-022318-C

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.5	36.1	54.1	
54	61.0	41.4	62.2	

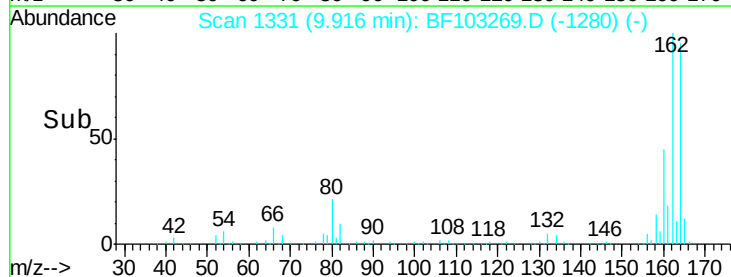
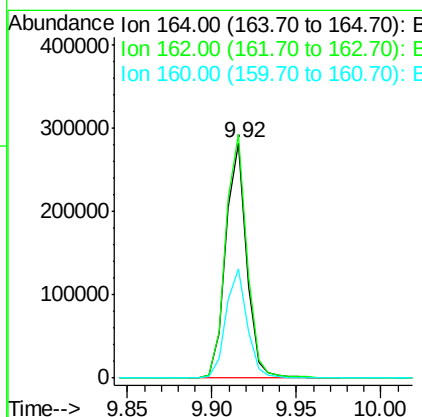
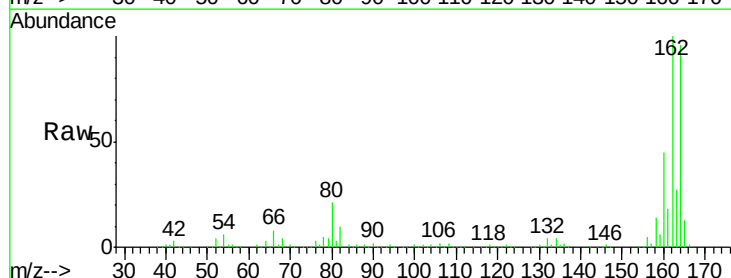
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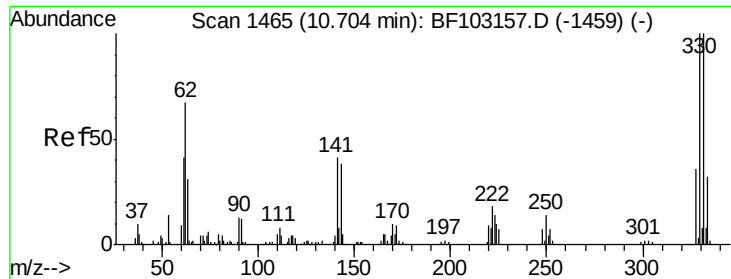
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF103269.D
 Acq: 27 Feb 2018 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.8	86.1	129.1	
160	46.7	38.3	57.5	





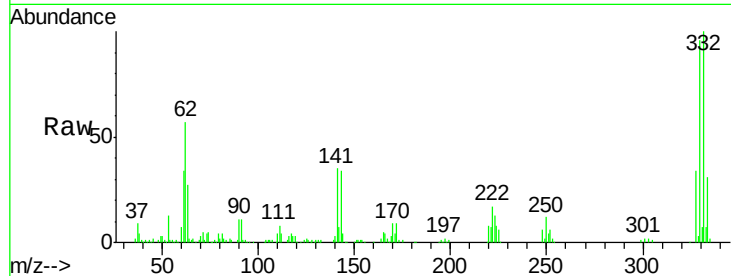
#41
 2,4,6-Tribromophenol
 Concen: 82.017 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103269.D
 Acq: 27 Feb 2018 18:02

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-022318-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.0	77.0	115.6
141	41.1	29.9	44.9

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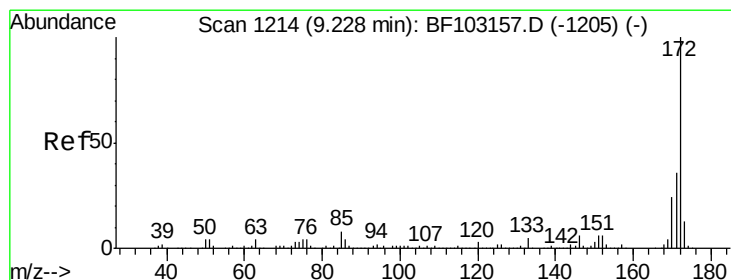
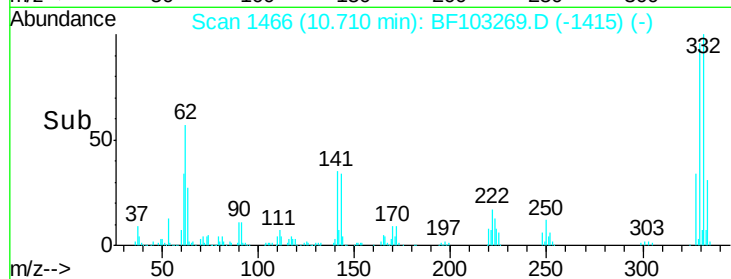
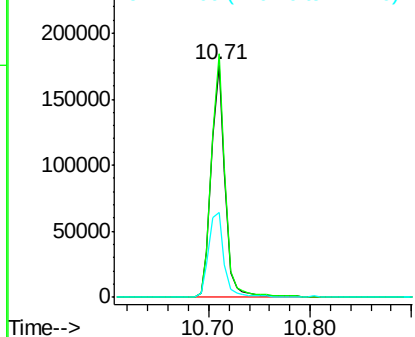


Abundance

Ion 329.80 (329.50 to 330.50): E

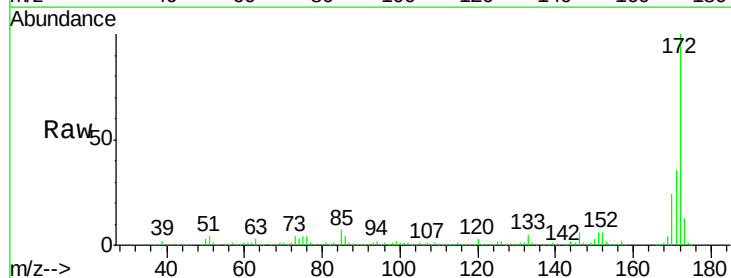
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.540 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103269.D
 Acq: 27 Feb 2018 18:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.2	19.6	29.4

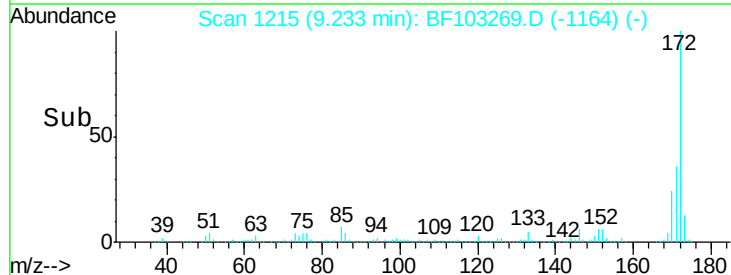
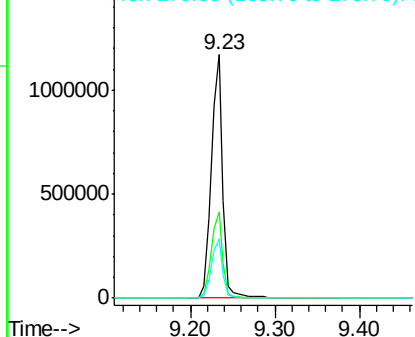


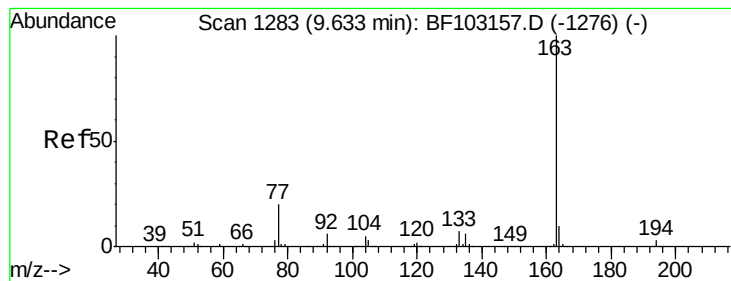
Abundance

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





#49

Dimethylphthalate

Concen: 6.226 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103269.D

Acq: 27 Feb 2018 18:02

Instrument :

BNA_F

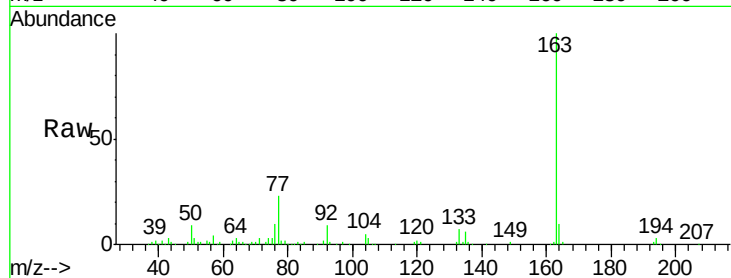
ClientSampleId :

CL-02-022318-C

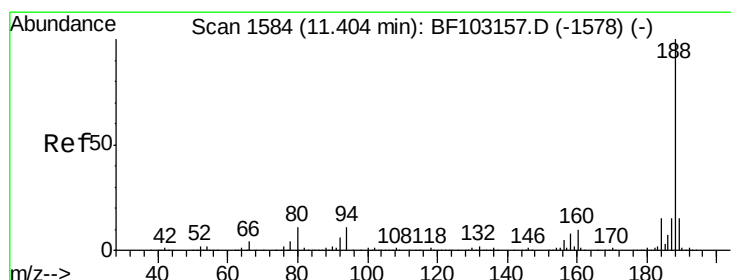
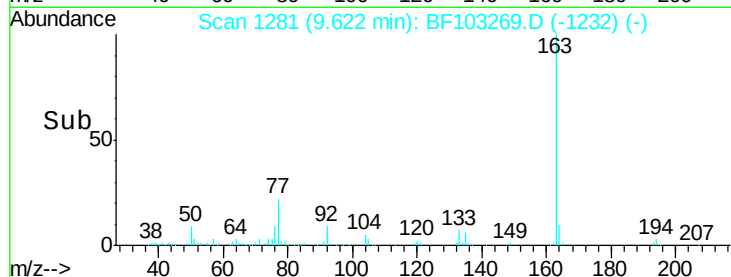
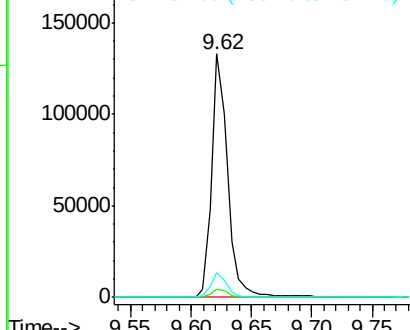
Tot Ion:	163	Resp:	121157
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.7	4.1
164	10.4	8.2	12.2

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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



#63

Phenanthrene-d10

Concen: 20.000 ng

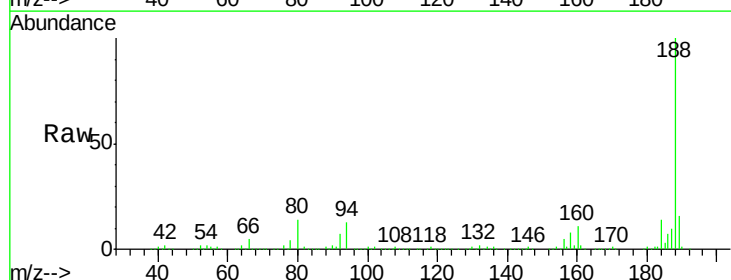
RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

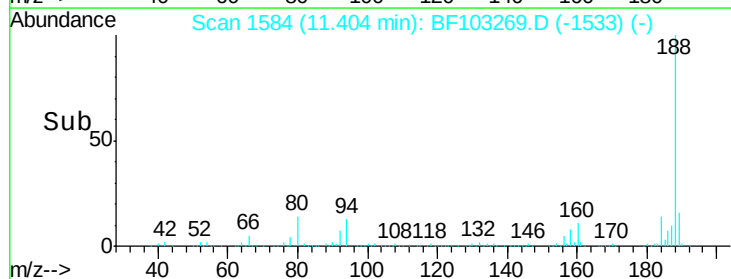
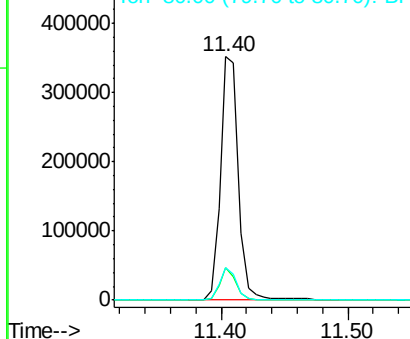
Lab File: BF103269.D

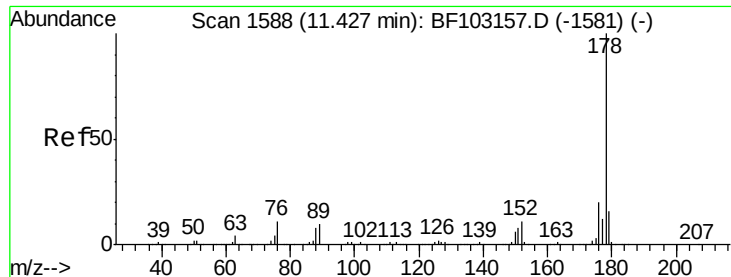
Acq: 27 Feb 2018 18:02

Tgt Ion:	188	Resp:	346527
Ion Ratio	Lower	Upper	
188	100		
94	13.2	8.5	12.7#
80	13.5	9.2	13.8



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





#70

Phenanthrene

Concen: 2.873 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF103269.D

Acq: 27 Feb 2018 18:02

Instrument :

BNA_F

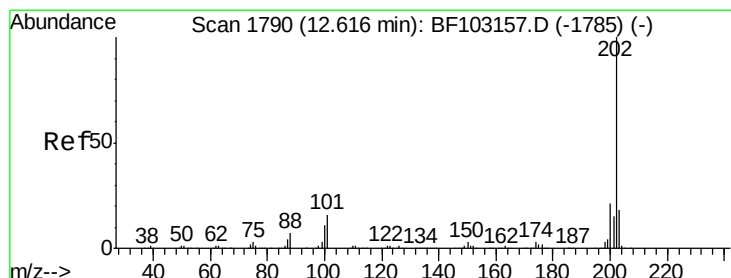
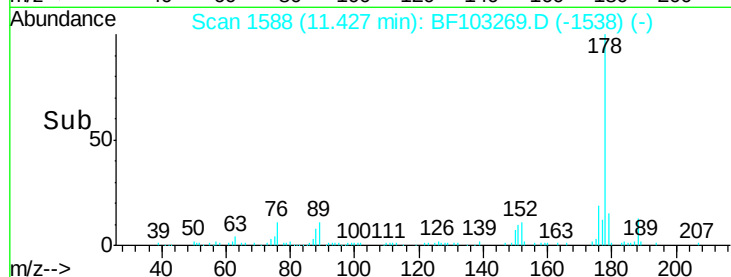
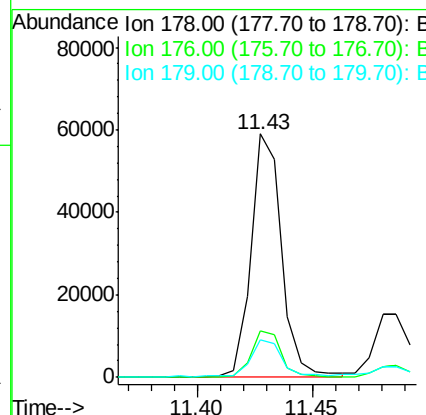
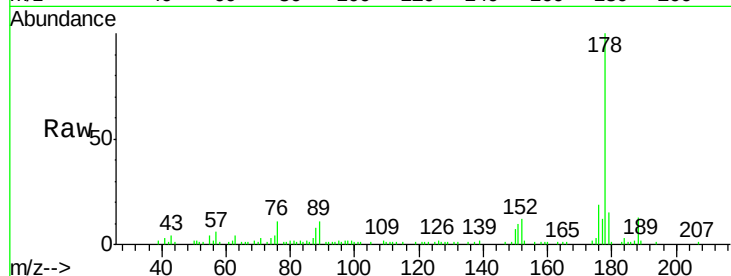
ClientSampleId :

CL-02-022318-C

Tot Ion:	178	Resp:	54793
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.8	23.8
179	15.5	13.0	19.6

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#74

Fluoranthene

Concen: 3.188 ng

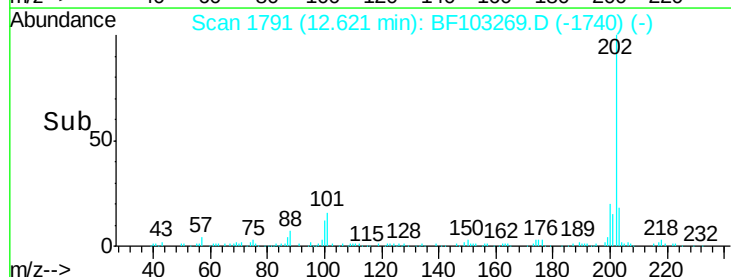
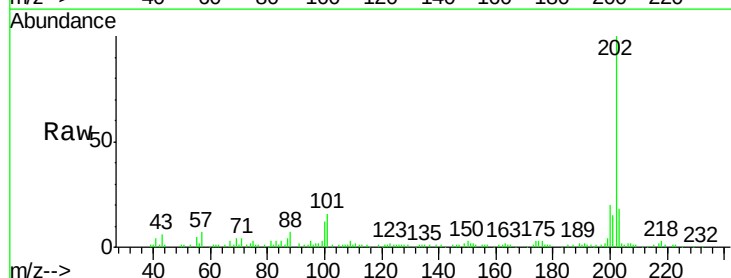
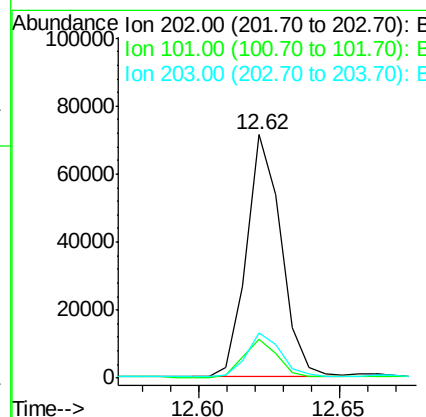
RT: 12.62 min Scan# 1791

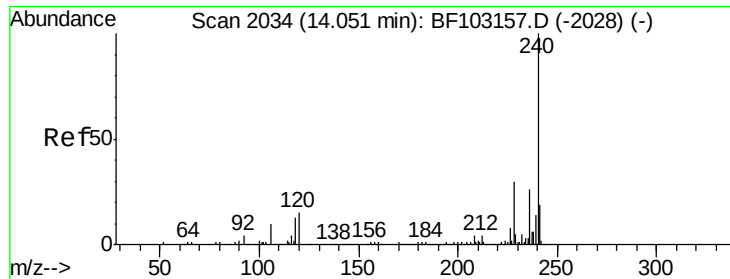
Delta R.T. -0.00 min

Lab File: BF103269.D

Acq: 27 Feb 2018 18:02

Tgt Ion:	202	Resp:	61085
Ion Ratio	Lower	Upper	
202	100		
101	15.9	0.0	34.1
203	18.3	0.0	38.1





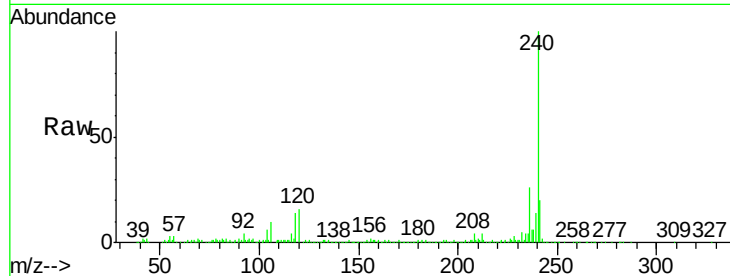
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF103269.D
Acq: 27 Feb 2018 18:02

Instrument :
BNA_F
ClientSampleId :
CL-02-022318-C

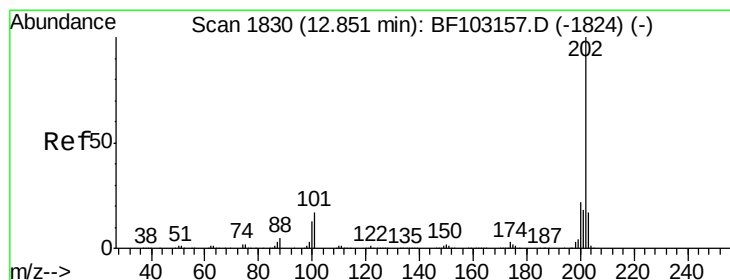
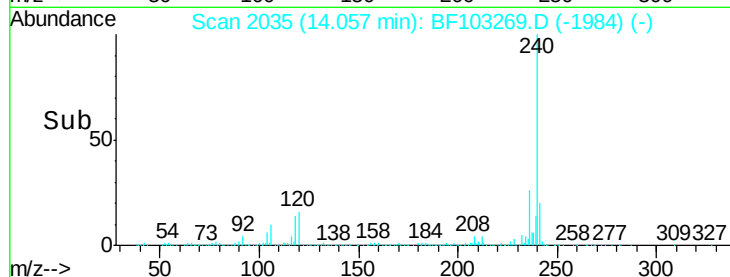
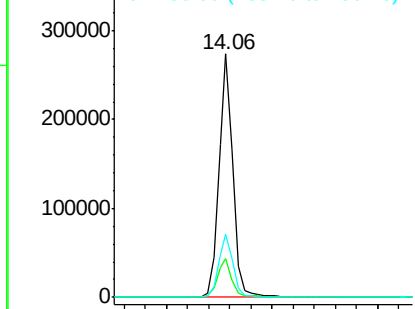
Tot Ion	Ratio	Resp	Lower	Upper
240	100	252975		
120	15.7	9.5	14.3	
236	26.0	20.7	31.1	

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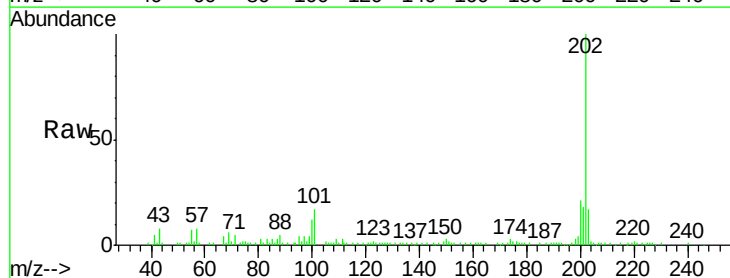


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

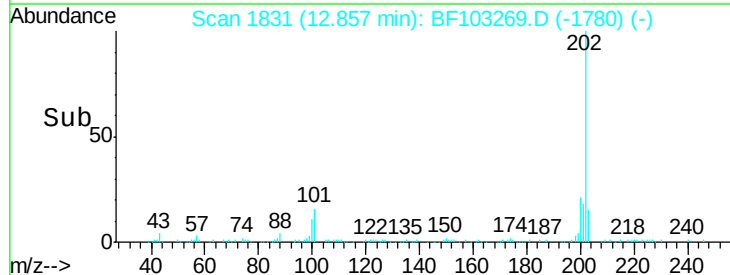
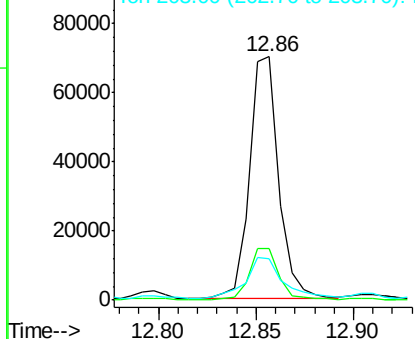


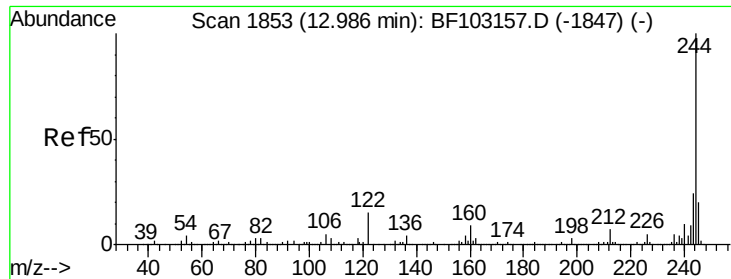
#77
Pyrene
Concen: 3.645 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF103269.D
Acq: 27 Feb 2018 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	71897		
200	21.2	17.4	26.2	
203	17.2	14.3	21.5	



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 71.524 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103269.D

Acq: 27 Feb 2018 18:02

Instrument :

BNA_F

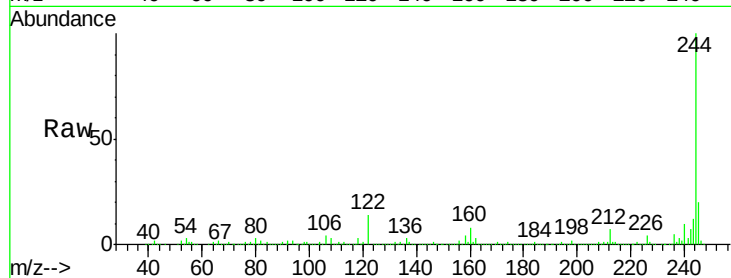
ClientSampleId :

CL-02-022318-C

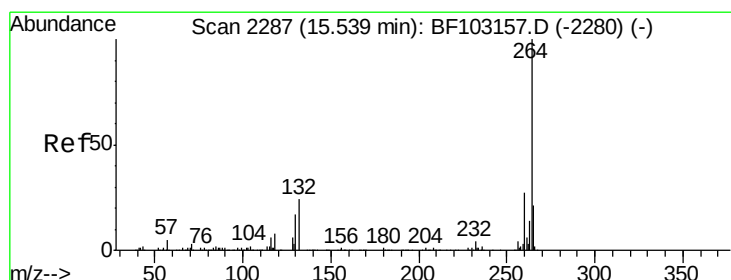
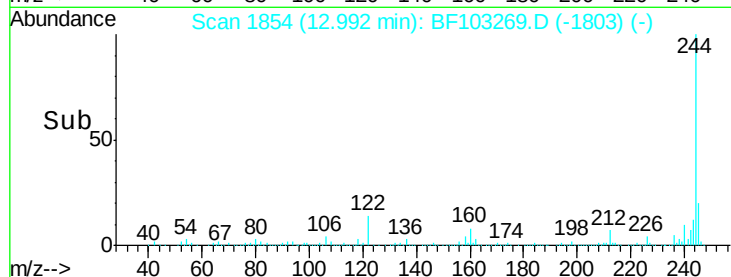
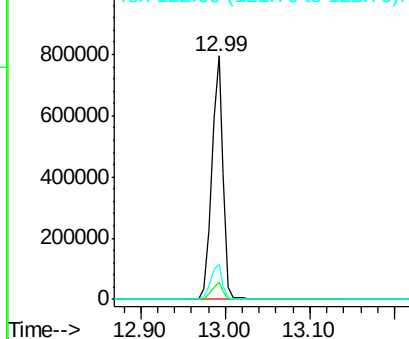
Tot Ion:	244	Resp:	752699
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.4	11.0	16.4

Manual Integrations
APPROVED

Sohil
2/28/2018 11:17:52 AM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

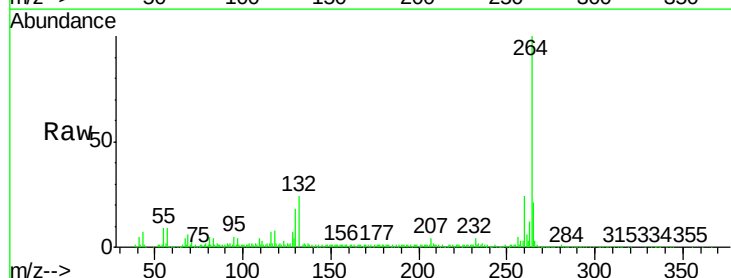
RT: 15.56 min Scan# 2291

Delta R.T. 0.01 min

Lab File: BF103269.D

Acq: 27 Feb 2018 18:02

Tgt Ion:	264	Resp:	190477
Ion Ratio		Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	17.5	26.3



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

