

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109952.D
 Acq On : 18 Oct 2018 11:11
 Operator : JU/SJ
 Sample : J5542-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-20

Manual Integrations
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Sohil
 10/19/2018 12:08:27 PM

Quant Time: Oct 19 02:33:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	258875	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1008322	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	458419	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	777072	20.00	ng	0.00
76) Chrysene-d12	14.16	240	469511	20.00	ng	0.00
87) Perylene-d12	15.68	264	432002	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	407170	24.93	ng	0.00
7) Phenol-d6	6.59	99	1034456	51.01	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1196722	79.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.80	330	43402	10.94	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2116121	73.66	ng	0.00
79) Terphenyl-d14	13.10	244	1612014	72.10	ng	0.00
Target Compounds						
75) Fluoranthene	12.72	202	100587	2.503	ng	98
78) Pyrene	12.96	202	94822	2.750	ng	98
84) Bis(2-ethylhexyl)phthalate	14.13	149	2753425	150.093	ng	# 92
88) Benzo(b)fluoranthene	15.22	252	50706m	2.036	ng	

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

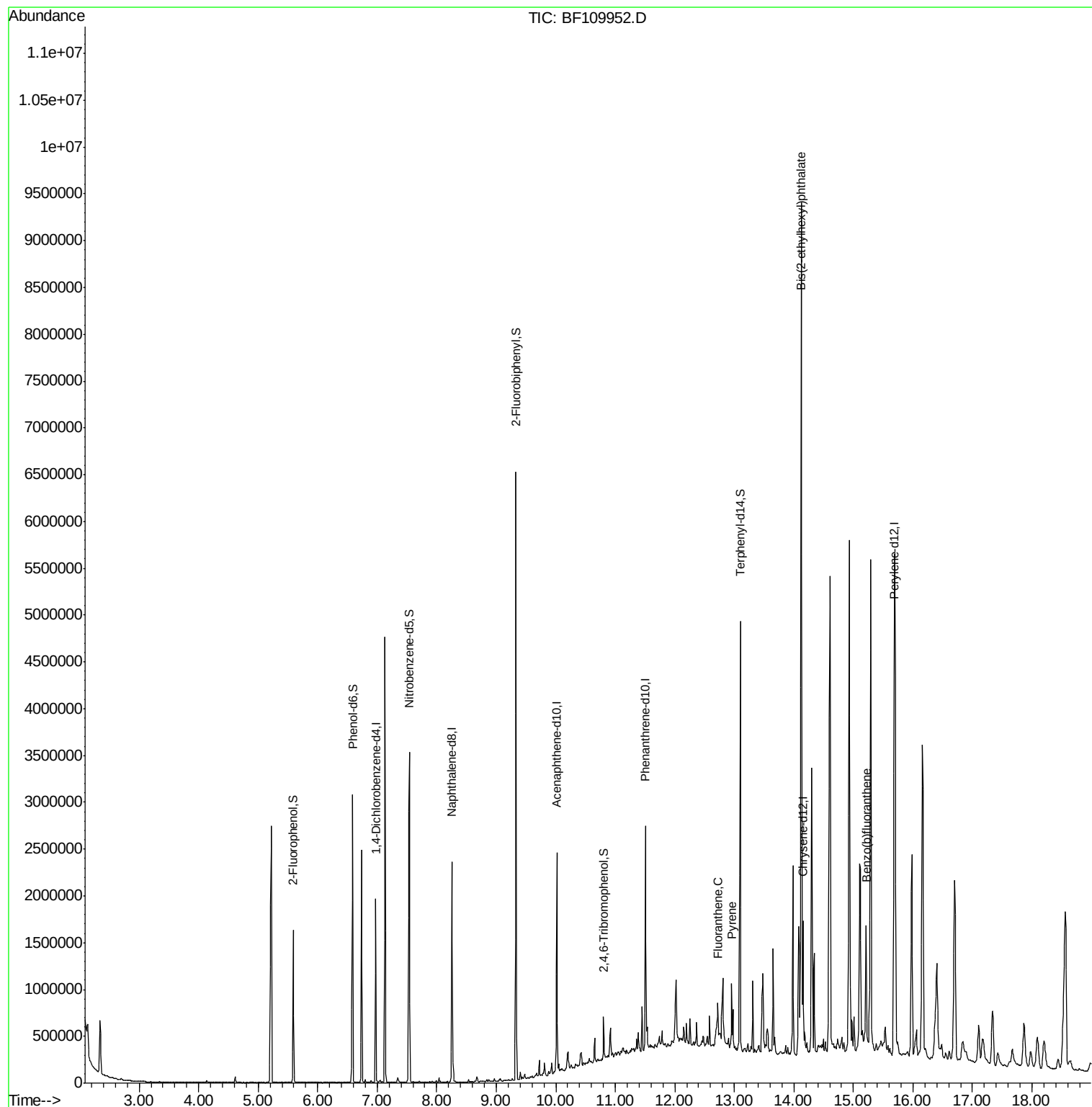
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109952.D
Acq On : 18 Oct 2018 11:11
Operator : JU/SJ
Sample : J5542-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

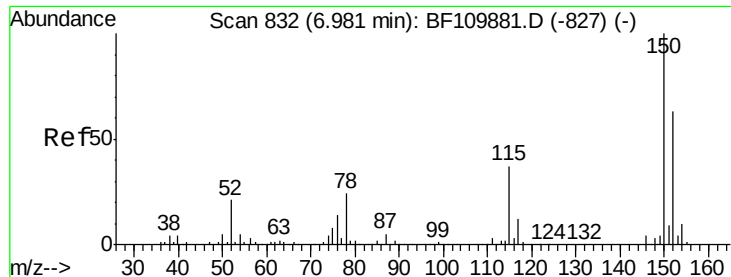
Instrument :
BNA_F
ClientSampleId :
DPC-81753-20

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10/19/2018 12:08:27 PM

Quant Time: Oct 19 02:33:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration





#1

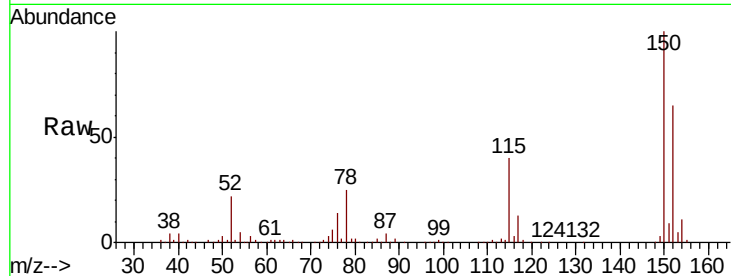
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109952.D
Acq: 18 Oct 2018 11:11

Instrument :
BNA_F
ClientSampleId :
DPC-81753-20

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	122.7	184.1
115	62.4	49.1	73.7

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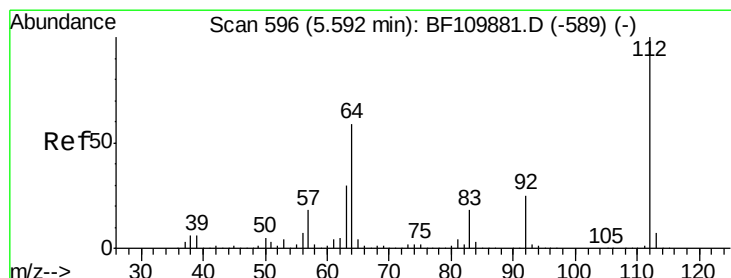
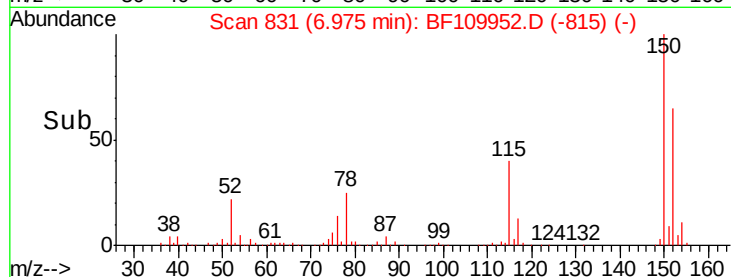
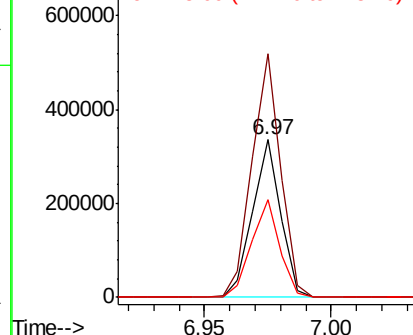


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

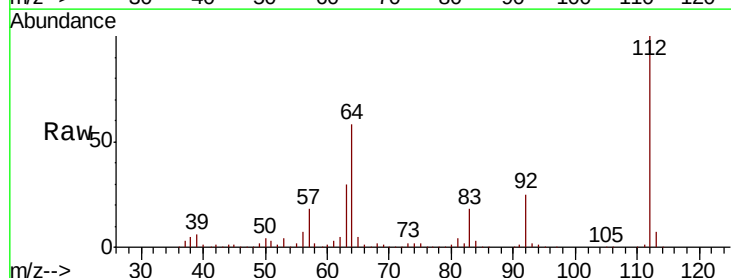
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 24.932 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109952.D
Acq: 18 Oct 2018 11:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.1	66.1
63	30.4	23.7	35.5

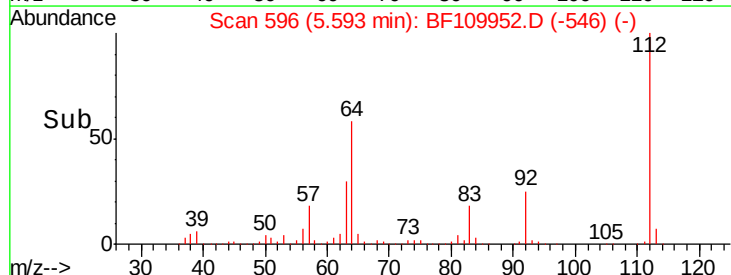
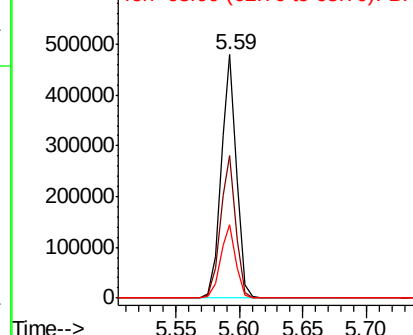


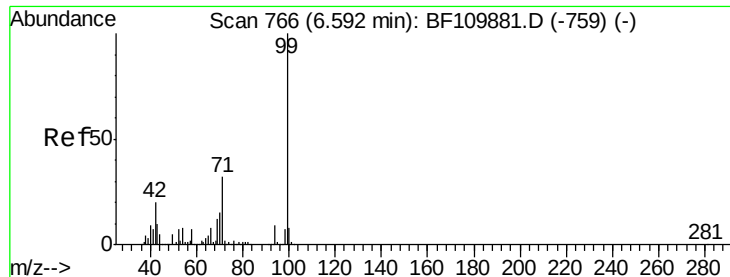
Abundance

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: 51.010 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

Instrument :

BNA_F

ClientSampleId :

DPC-81753-20

Tot Ion: 99 Resp: 1034456

Ion Ratio Lower Upper

99 100

42 18.9 15.8 23.6

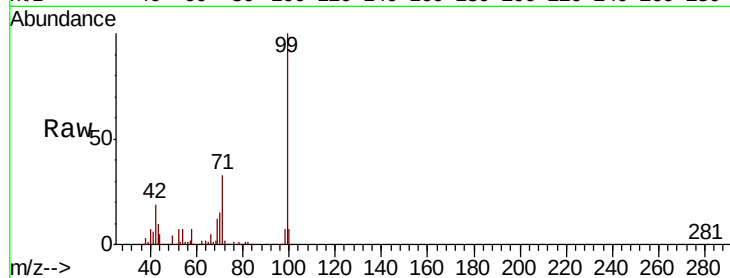
71 33.2 28.0 42.0

Manual Integrations

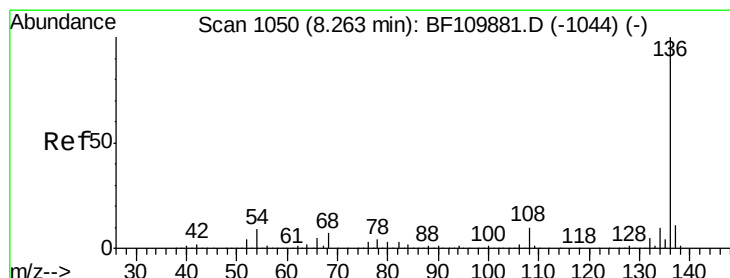
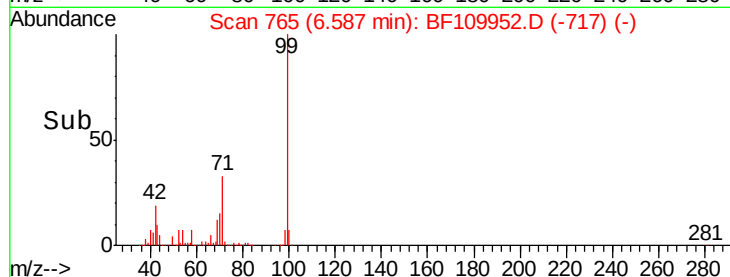
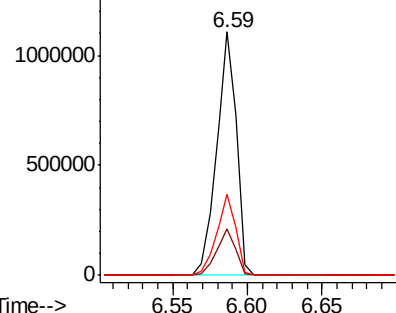
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Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

Tgt Ion: 136 Resp: 1008322

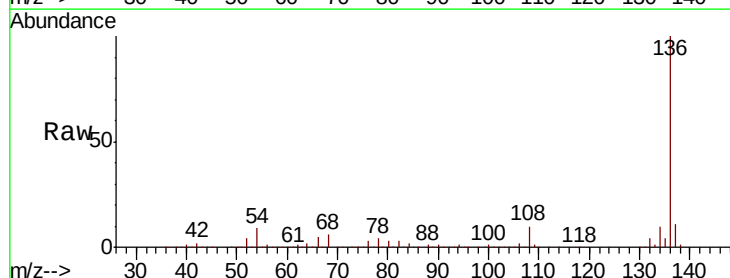
Ion Ratio Lower Upper

136 100

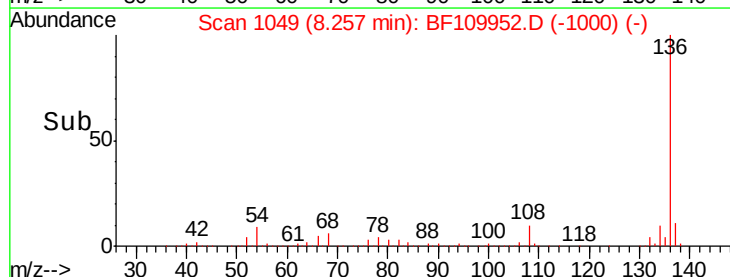
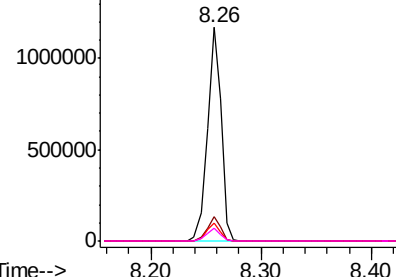
137 11.3 8.8 13.2

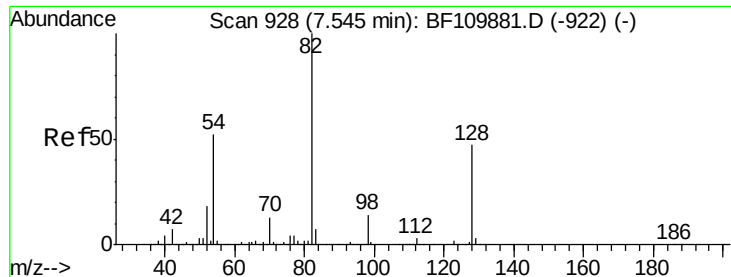
54 8.6 5.4 8.2#

68 6.0 4.2 6.2



Abundance Ion 136.00 (135.70 to 136.70): E
1500000
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





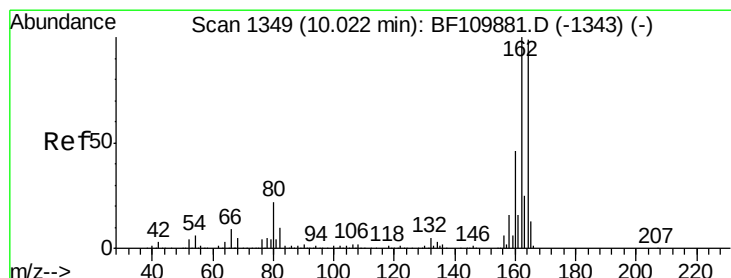
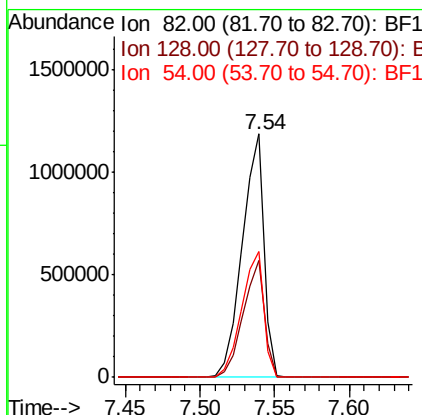
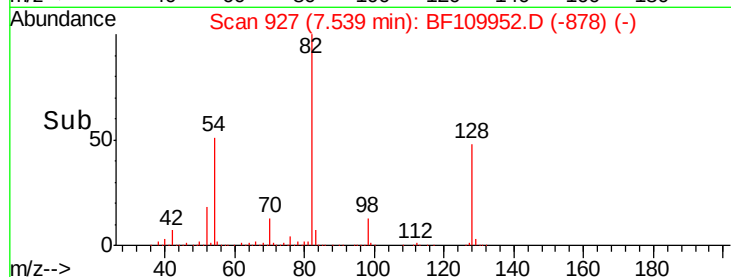
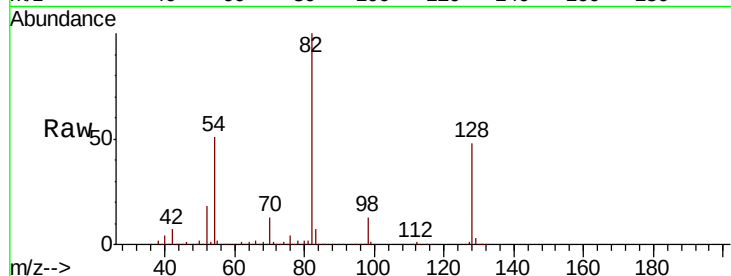
#23
Nitrobenzene-d5
Concen: 79.951 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109952.D
Acq: 18 Oct 2018 11:11

Instrument :
BNA_F
ClientSampleId :
DPC-81753-20

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.2	51.2
54	51.5	38.6	58.0

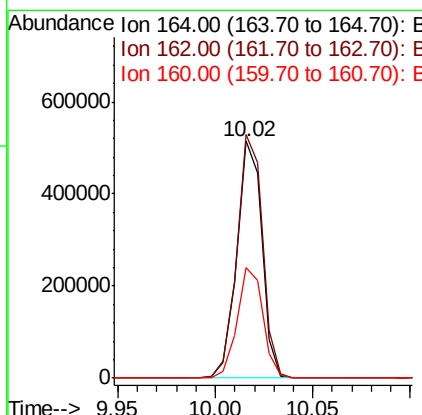
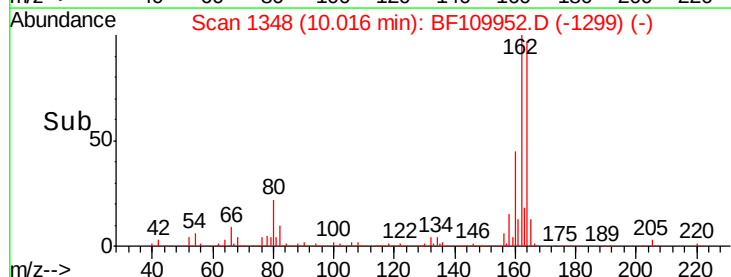
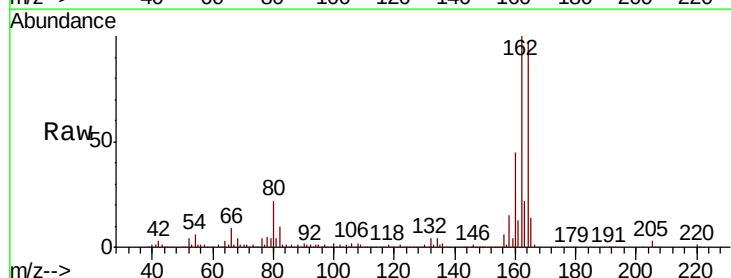
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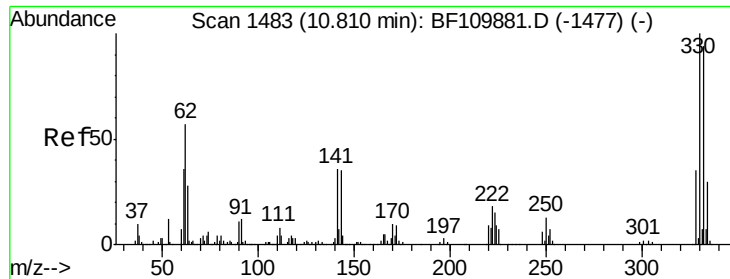
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109952.D
Acq: 18 Oct 2018 11:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.6
160	46.7	37.0	55.6





#42

2,4,6-Tribromophenol

Concen: 10.936 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

Instrument :

BNA_F

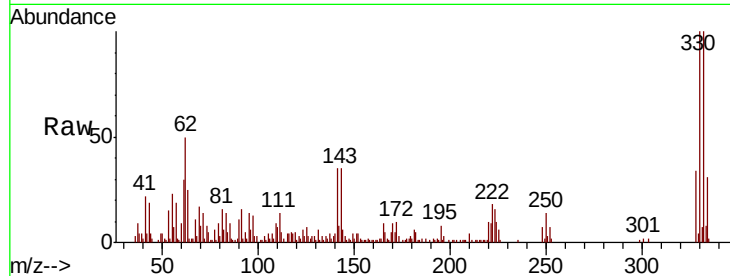
ClientSampleId :

DPC-81753-20

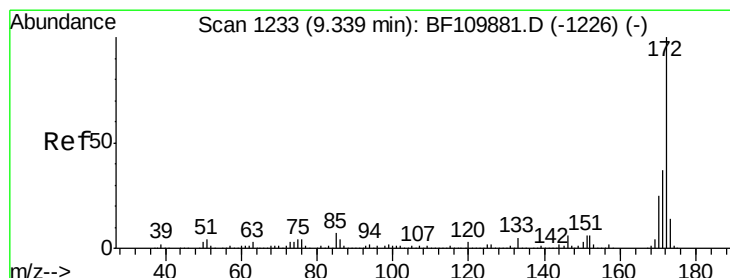
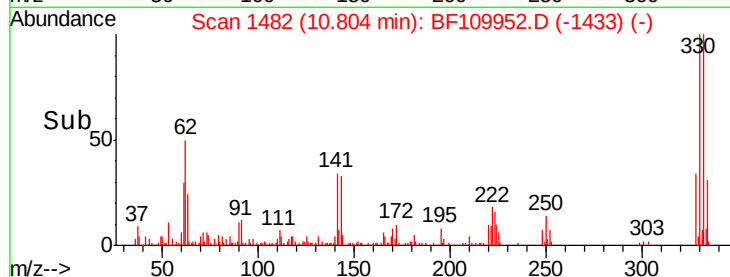
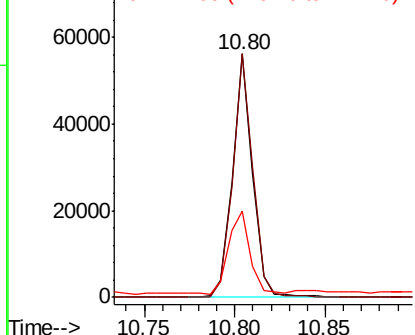
Tot Ion:	330	Resp:	43402
Ion Ratio	Lower	Upper	
330	100		
332	99.7	77.1	115.7
141	35.7	27.0	40.4

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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



#45

2-Fluorobiphenyl

Concen: 73.657 ng

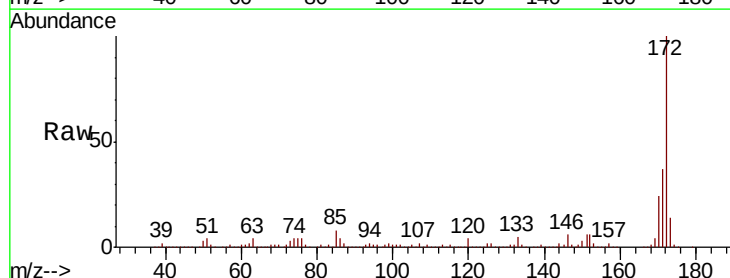
RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

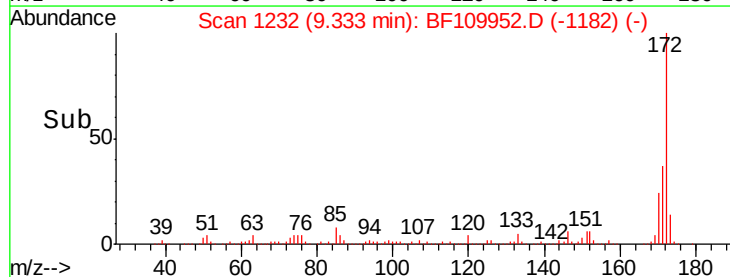
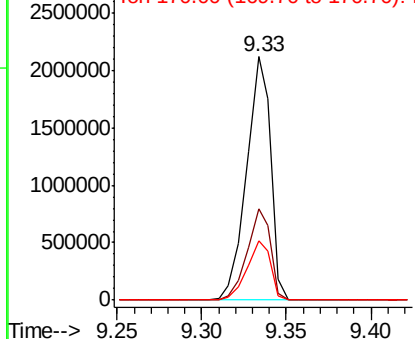
Lab File: BF109952.D

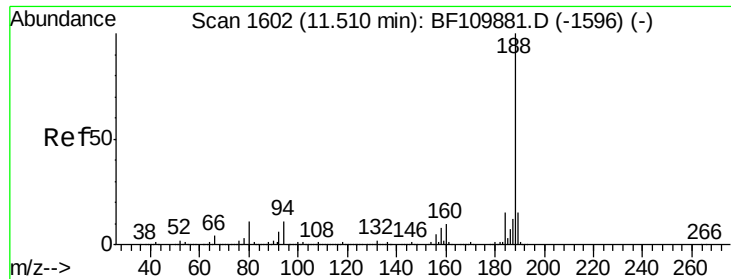
Acq: 18 Oct 2018 11:11

Tgt Ion:	172	Resp:	2116121
Ion Ratio	Lower	Upper	
172	100		
171	37.4	28.6	43.0
170	24.5	19.7	29.5



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

Instrument :

BNA_F

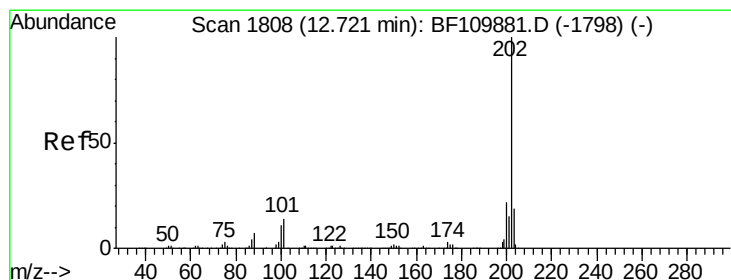
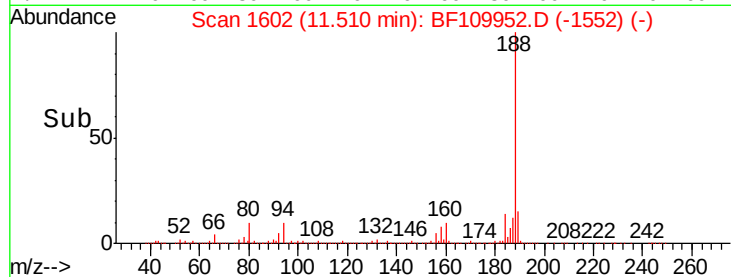
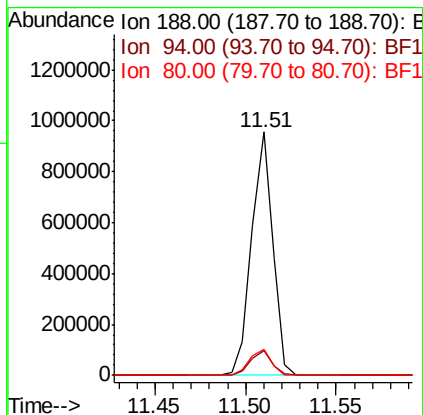
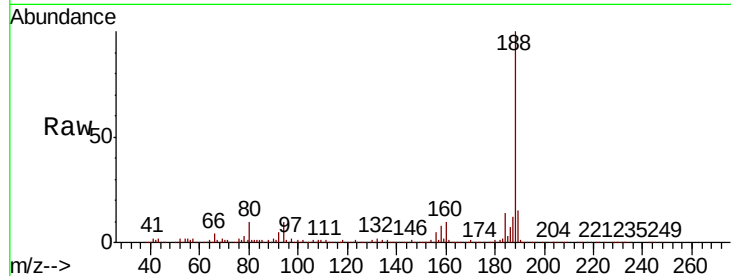
ClientSampleId :

DPC-81753-20

Tot Ion:	188	Resp:	777072
Ion Ratio	Lower	Upper	
188	100		
94	9.9	7.2	10.8
80	10.5	7.9	11.9

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#75

Fluoranthene

Concen: 2.503 ng

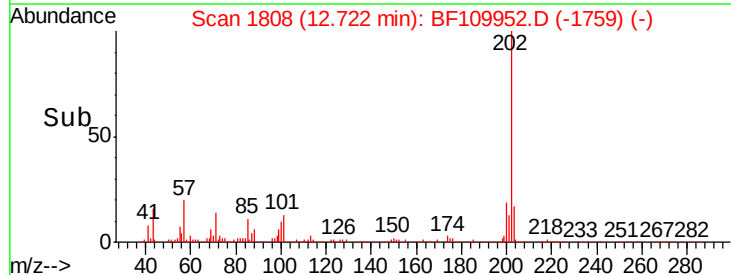
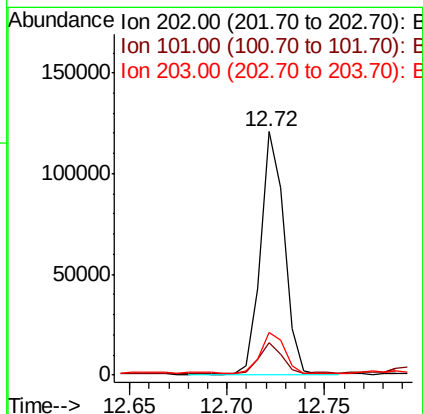
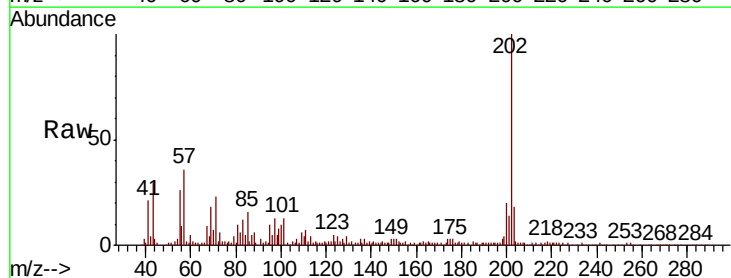
RT: 12.72 min Scan# 1808

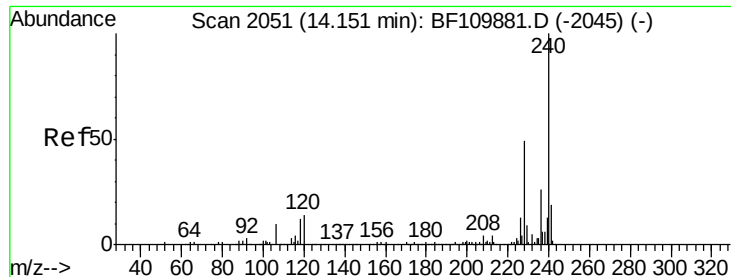
Delta R.T. -0.01 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

Tgt Ion:	202	Resp:	100587
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	31.4
203	17.5	0.0	37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

Instrument :

BNA_F

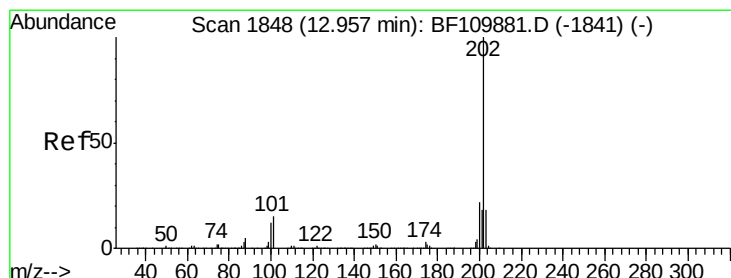
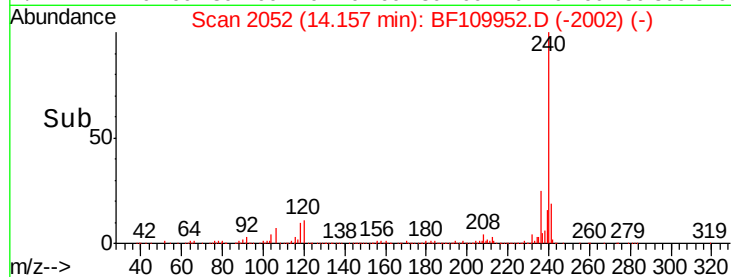
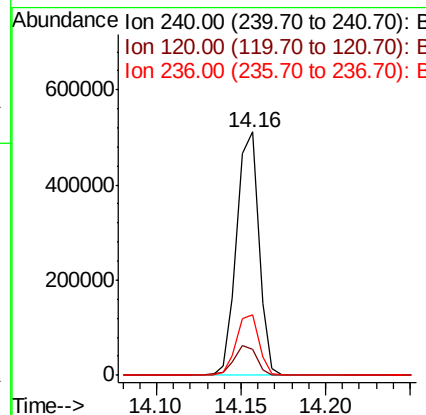
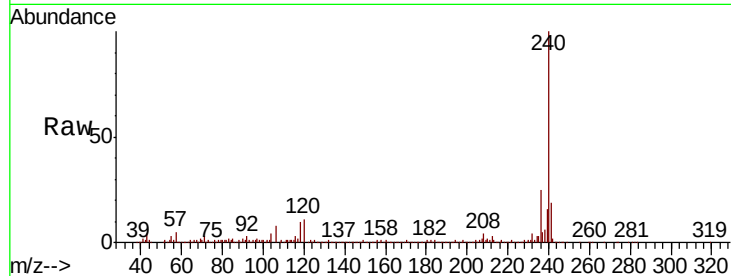
ClientSampleId :

DPC-81753-20

Tot Ion:	240	Resp:	469511
Ion Ratio	Lower	Upper	
240	100		
120	10.9	8.3	12.5
236	25.0	21.2	31.8

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#78

Pyrene

Concen: 2.750 ng

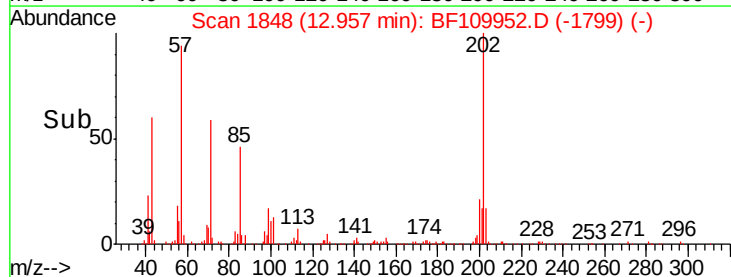
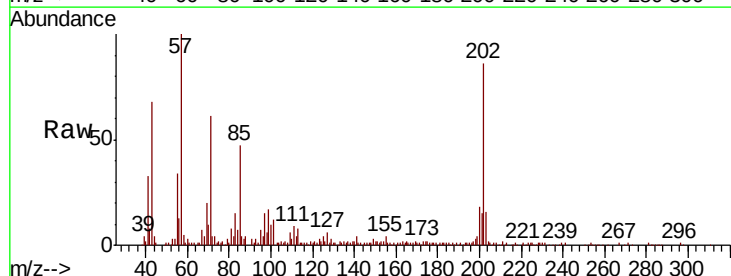
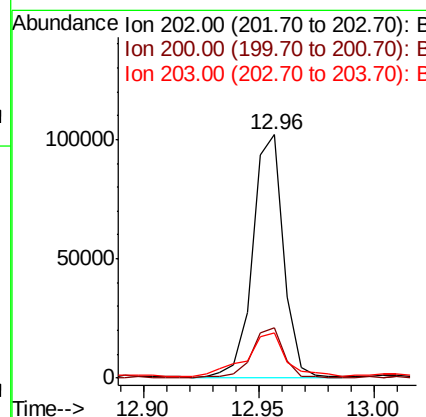
RT: 12.96 min Scan# 1848

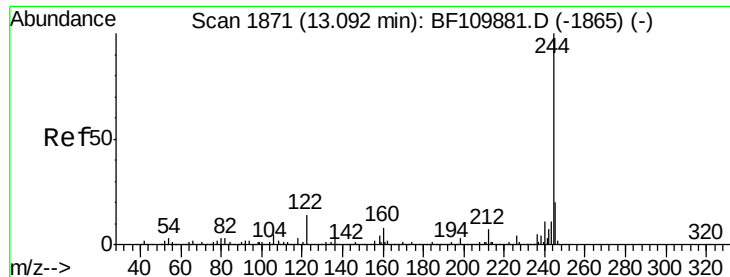
Delta R.T. -0.01 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

Tgt Ion:	202	Resp:	94822
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.8	26.6
203	18.5	14.2	21.4





#79

Terphenyl-d14

Concen: 72.099 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

Instrument :

BNA_F

ClientSampleId :

DPC-81753-20

Tot Ion:244 Resp: 1612014

Ion Ratio Lower Upper

244 100

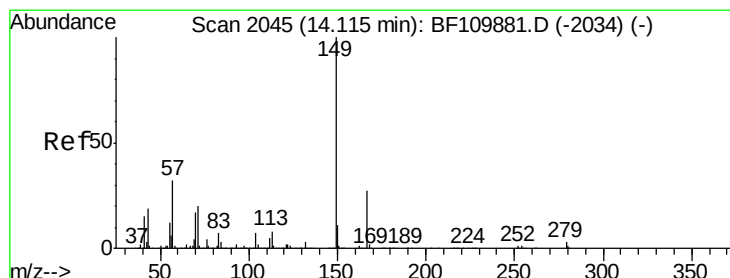
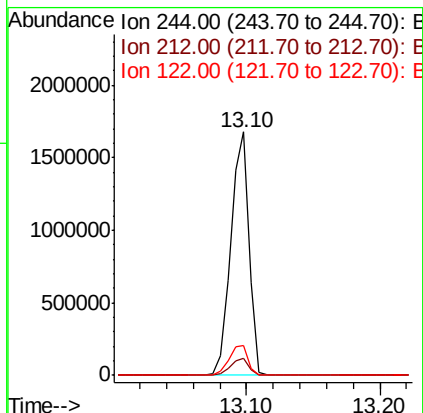
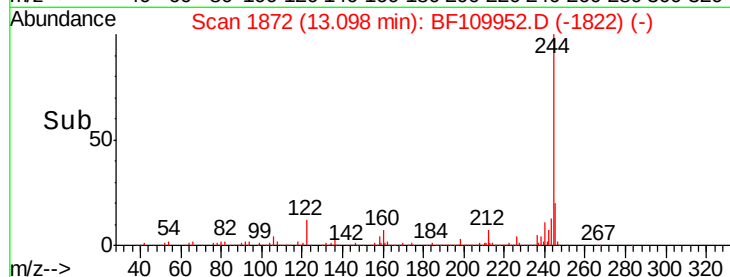
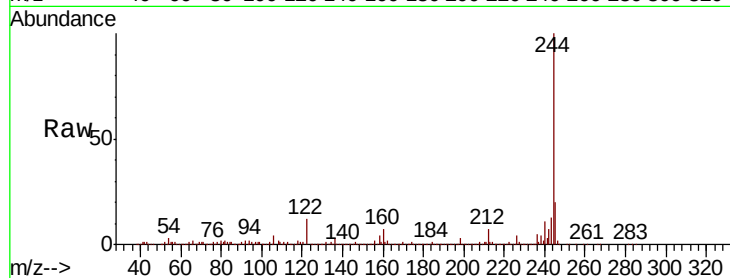
212 7.1 5.8 8.8

122 12.1 8.7 13.1

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#84

Bis(2-ethylhexyl)phthalate

Concen: 150.093 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

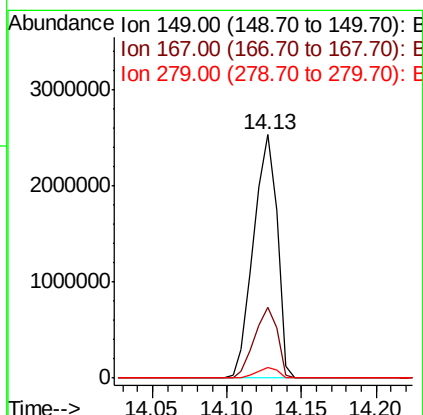
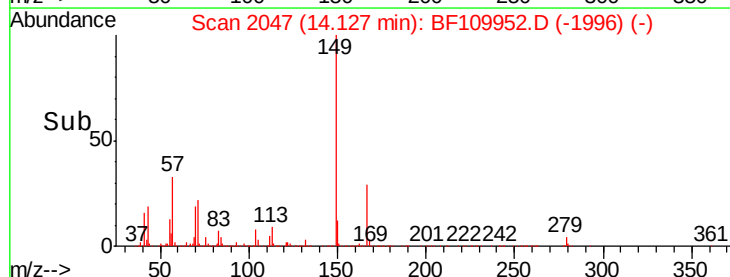
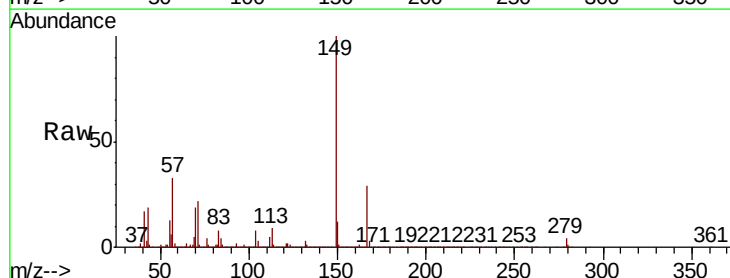
Tgt Ion:149 Resp: 2753425

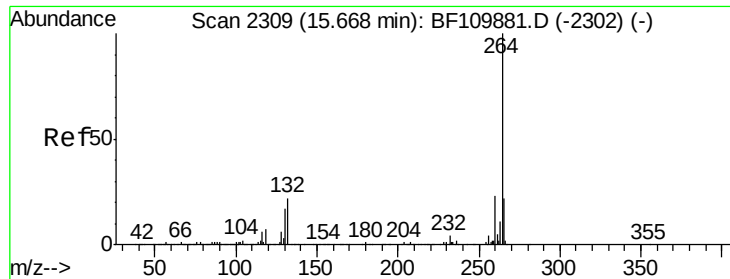
Ion Ratio Lower Upper

149 100

167 29.3 19.8 29.8

279 4.3 2.7 4.1#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

Instrument :

BNA_F

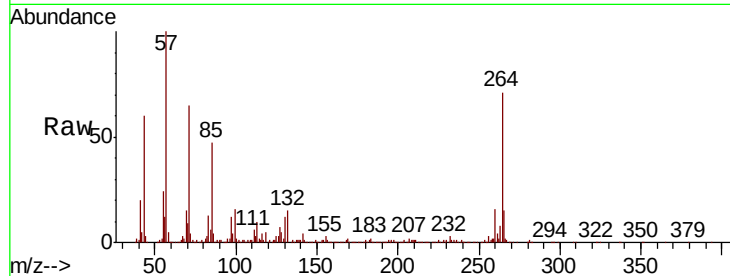
ClientSampleId :

DPC-81753-20

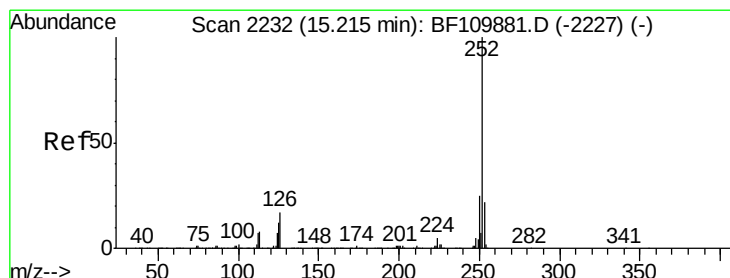
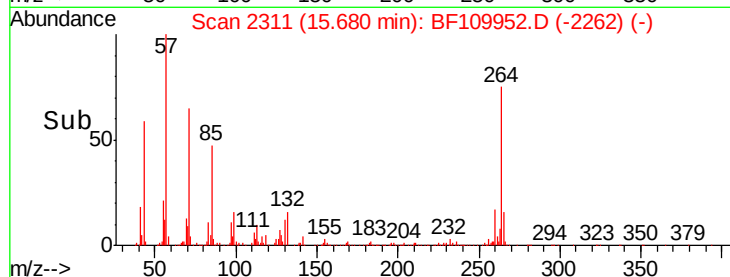
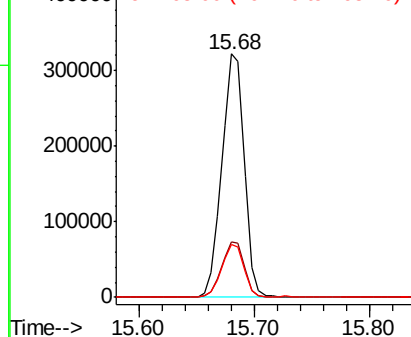
Tot Ion:	264	Resp:	432002
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.7	28.1
265	21.6	16.7	25.1

Manual Integrations
APPROVED

Sohil
10/19/2018 12:08:27 PM



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: 2.036 ng m

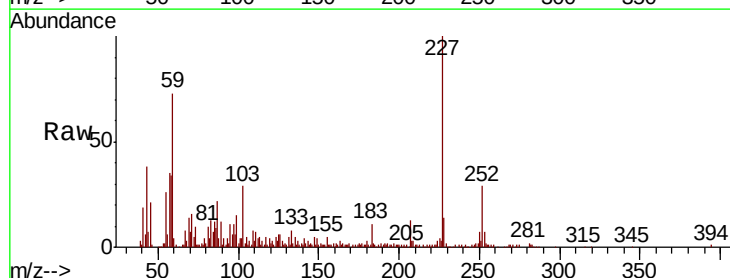
RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

Tgt Ion:	252	Resp:	50706
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.2	25.8
125	22.0	8.2	12.4#



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

