

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
 Data File : BF109632.D
 Acq On : 6 Oct 2018 2:13
 Operator : JU/SJ
 Sample : J5263-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID10-COMP-100318

Manual Integrations
 APPROVED

Sohil

Quant Time: Oct 06 07:11:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	10/8/2018 12:21:49 PM
1) 1,4-Dichlorobenzene-d4	6.70	152	84789	20.00	ng	0.00	
21) Naphthalene-d8	7.98	136	321756	20.00	ng	-0.01	
38) Acenaphthene-d10	9.73	164	129765	20.00	ng	-0.01	
63) Phenanthrene-d10	11.21	188	208743	20.00	ng	0.00	
75) Chrysene-d12	13.83	240	207132	20.00	ng	-0.01	
86) Perylene-d12	15.23	264	164173	20.00	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	318213	61.81	ng	0.00	
7) Phenol-d6	6.35	99	439076	66.84	ng	0.00	
23) Nitrobenzene-d5	7.26	82	277303	50.88	ng	-0.02	
41) 2,4,6-Tribromophenol	10.52	330	78411	61.30	ng	-0.02	
44) 2-Fluorobiphenyl	9.06	172	454120	52.78	ng	-0.02	
78) Terphenyl-d14	12.79	244	362900	43.00	ng	-0.02	
Target Compounds							
10) Phenol	6.36	94	23394	3.145	ng		77
49) Dimethylphthalate	9.45	163	49016	5.193	ng		99
70) Phenanthrene	11.23	178	26764	2.568	ng		97
74) Fluoranthene	12.42	202	46658	4.189	ng		97
77) Pyrene	12.64	202	43161	2.907	ng		99
80) Benzo(a)anthracene	13.82	228	29728	2.383	ng		98
87) Benzo(b)fluoranthene	14.84	252	21949m	2.433	ng		
89) Benzo(a)pyrene	15.18	252	16462	2.025	ng		94

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

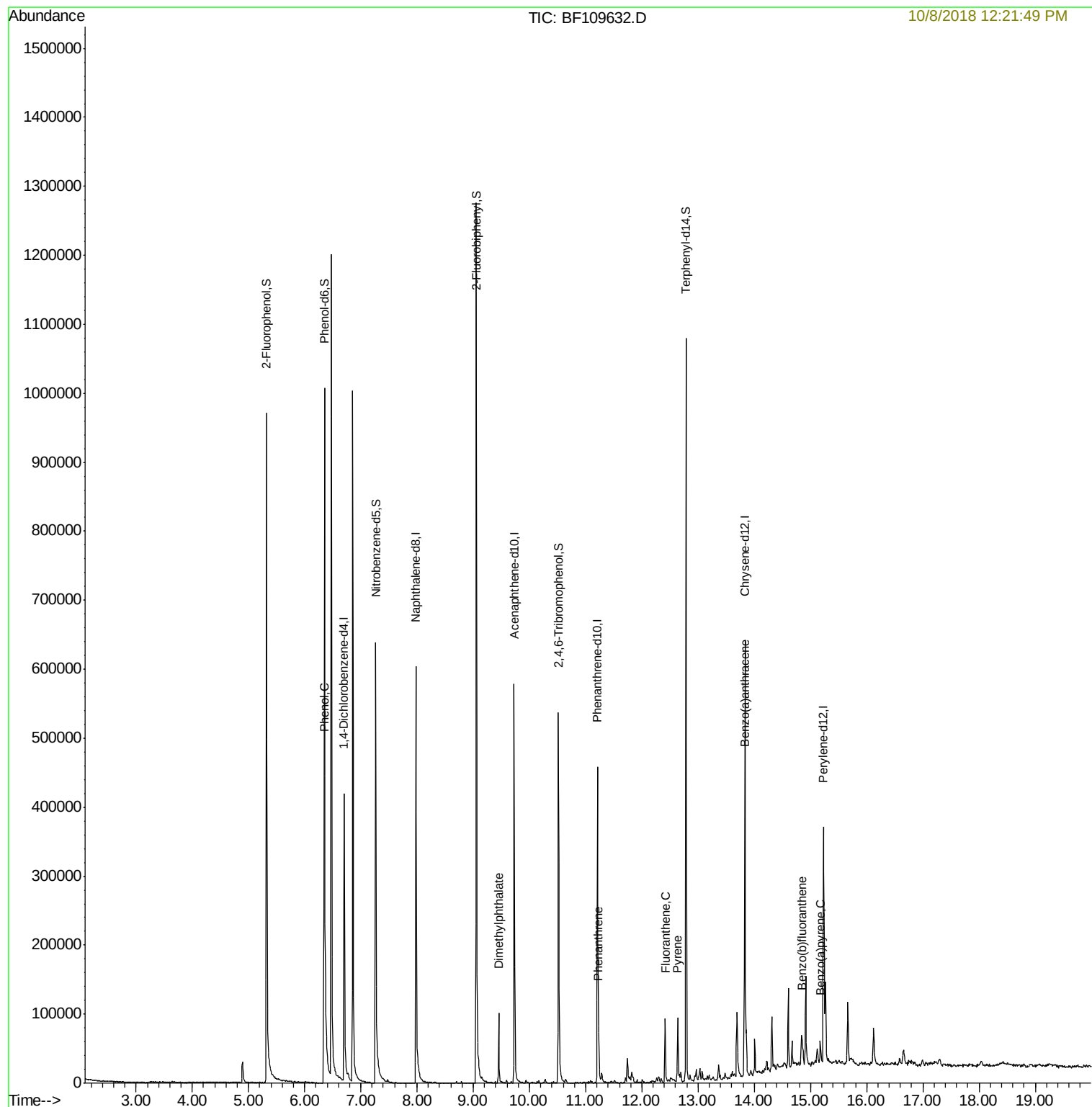
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109632.D
Acq On : 6 Oct 2018 2:13
Operator : JU/SJ
Sample : J5263-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

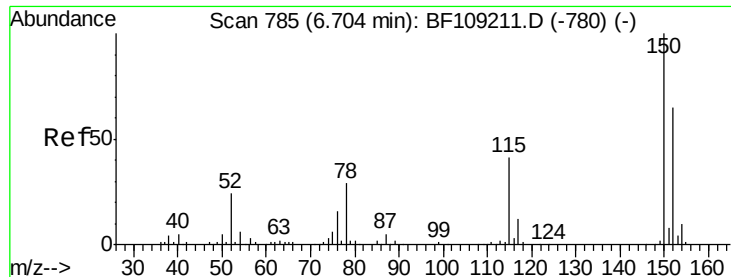
Instrument :
BNA_F
ClientSampleId :
GRID10-COMP-100318

Manual Integrations
APPROVED

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Quant Time: Oct 06 07:11:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration





#1

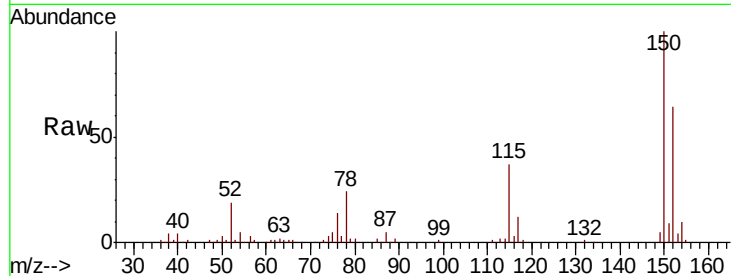
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109632.D
Acq: 6 Oct 2018 2:13

Instrument :
BNA_F
ClientSampleId :
GRID10-COMP-100318

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	57.7	50.1	75.1

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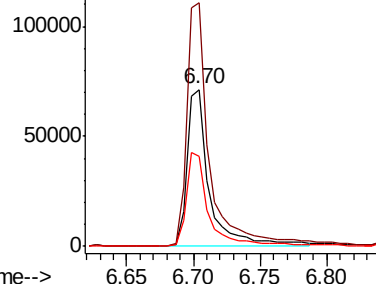


Abundance

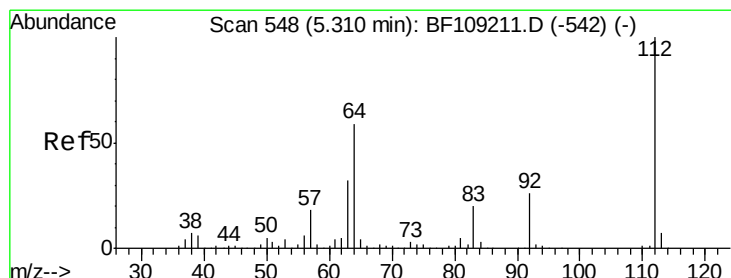
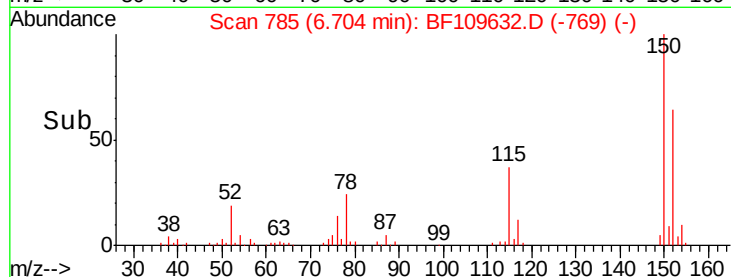
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



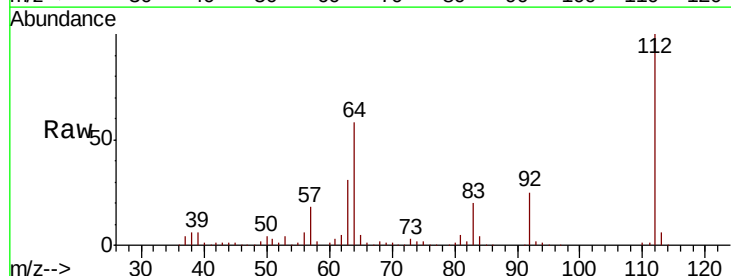
10/8/2018 12:21:49 PM



#5

2-Fluorophenol
Concen: 61.815 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109632.D
Acq: 6 Oct 2018 2:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	30.8	23.7	35.5

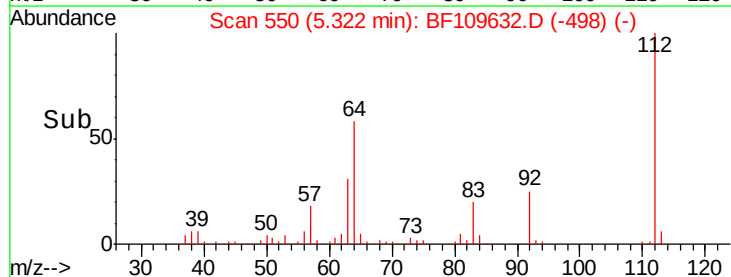
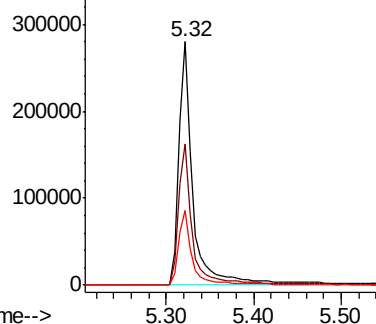


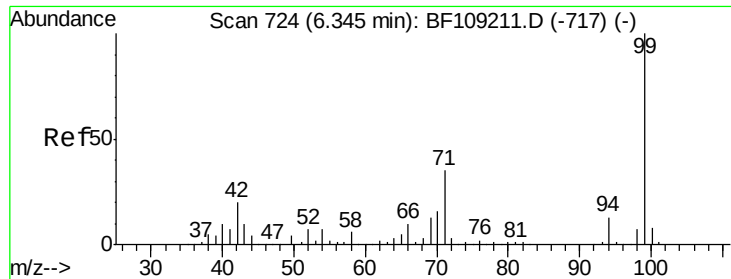
Abundance

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: 66.842 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109632.D

Acq: 6 Oct 2018 2:13

Instrument :

BNA_F

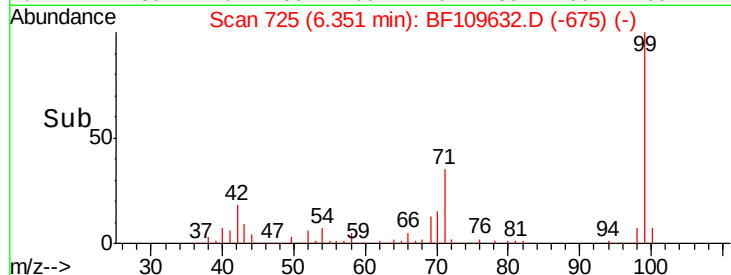
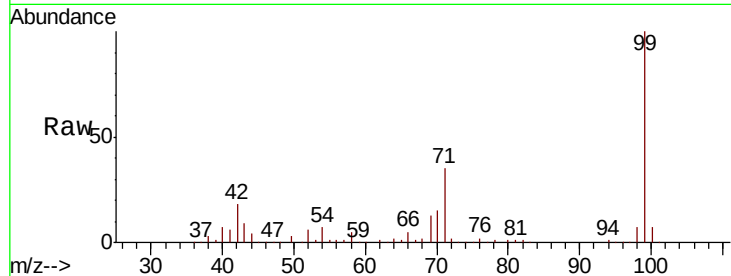
ClientSampleId :

GRID10-COMP-100318

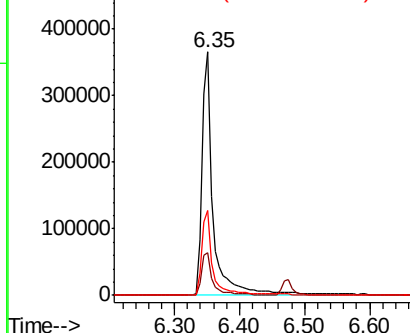
Tot Ion:	99	Resp:	439076
Ion Ratio	Lower	Upper	
99	100		
42	17.8	14.5	21.7
71	35.0	25.4	38.0

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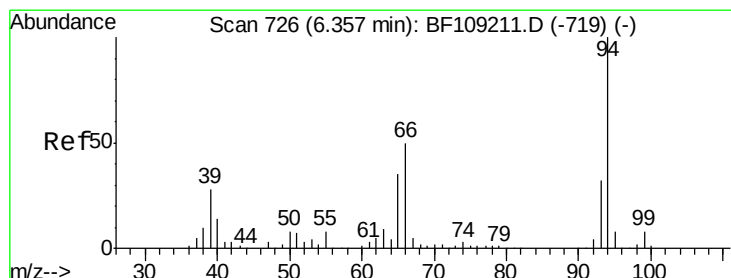
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



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#10

Phenol

Concen: 3.145 ng

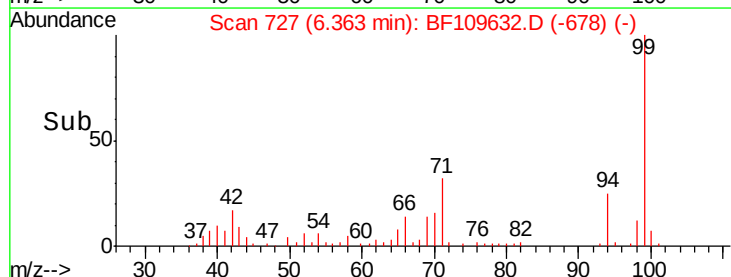
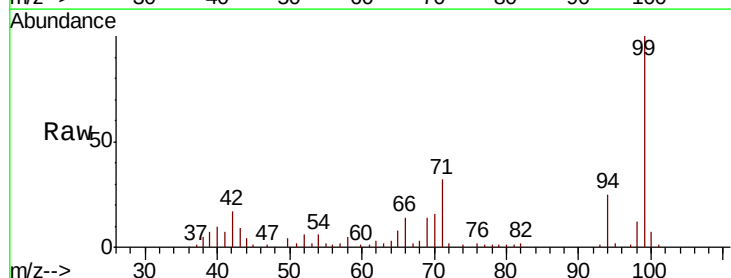
RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

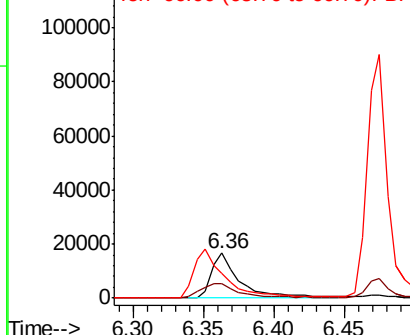
Lab File: BF109632.D

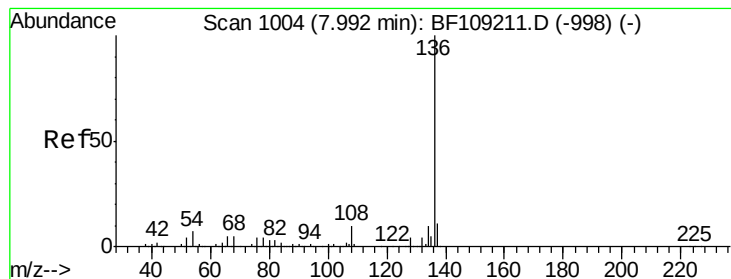
Acq: 6 Oct 2018 2:13

Tgt Ion:	94	Resp:	23394
Ion Ratio	Lower	Upper	
94	100		
65	33.1	7.9	47.9
66	56.0	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109632.D

Acq: 6 Oct 2018 2:13

Instrument :

BNA_F

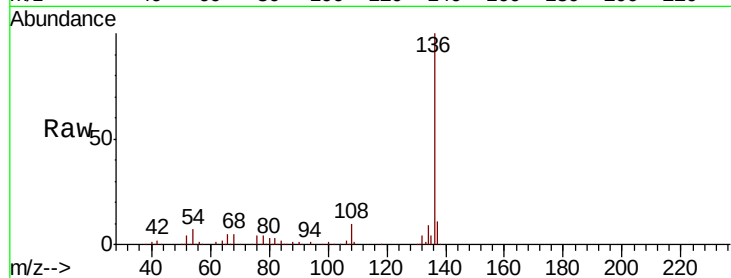
ClientSampleId :

GRID10-COMP-100318

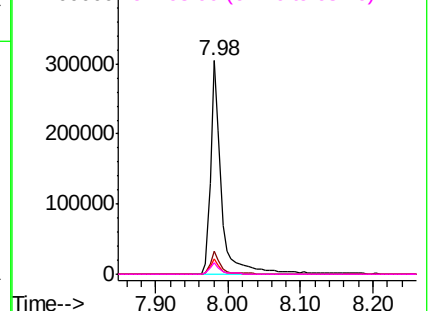
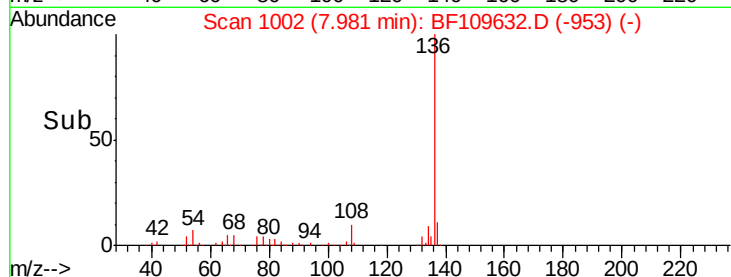
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	5.4	5.0	7.4

Manual Integrations
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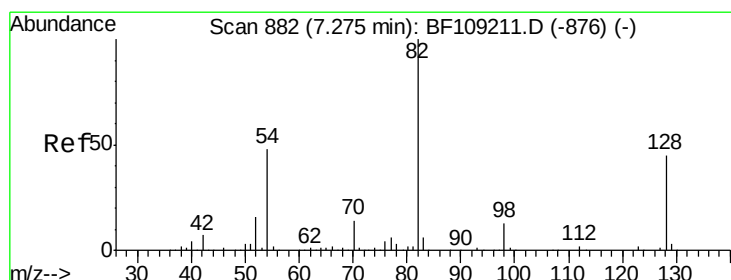
Sohil



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



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#23

Nitrobenzene-d5

Concen: 50.876 ng

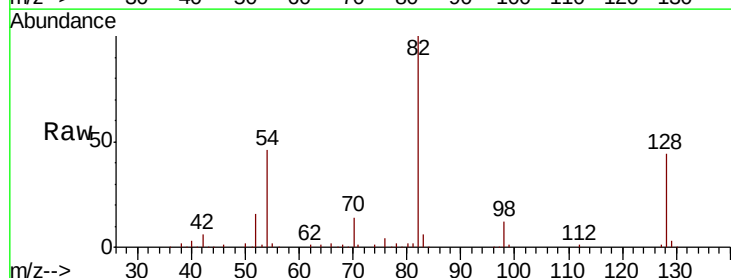
RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

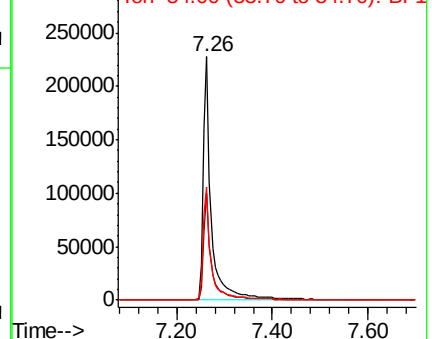
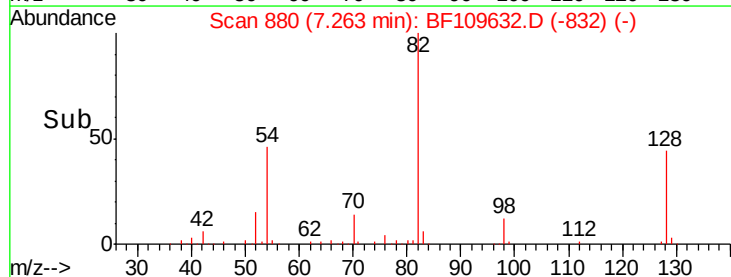
Lab File: BF109632.D

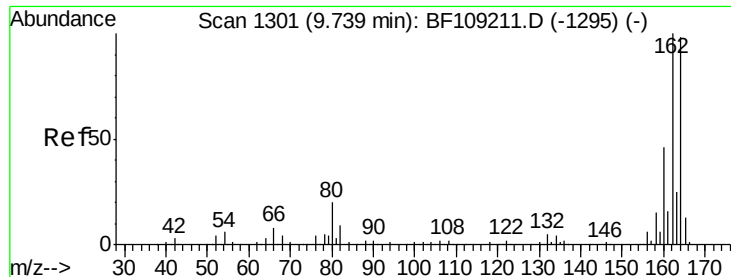
Acq: 6 Oct 2018 2:13

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.1	36.1	54.1
54	46.3	41.4	62.2



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





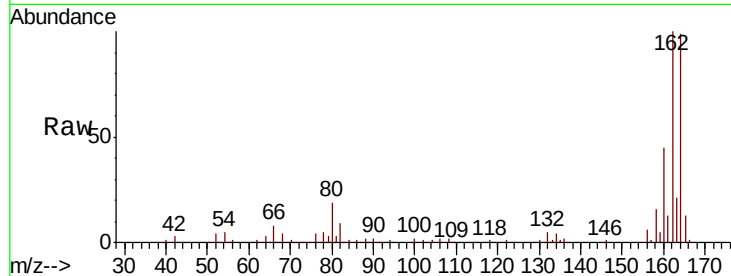
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109632.D
Acq: 6 Oct 2018 2:13

Instrument :
BNA_F
ClientSampleId :
GRID10-COMP-100318

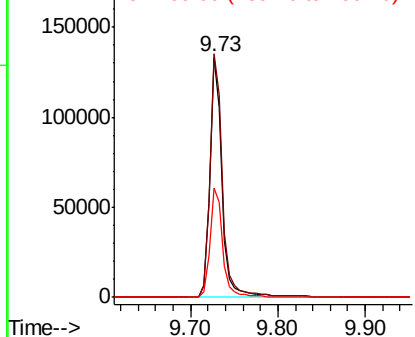
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	45.3	38.3	57.5

Manual Integrations
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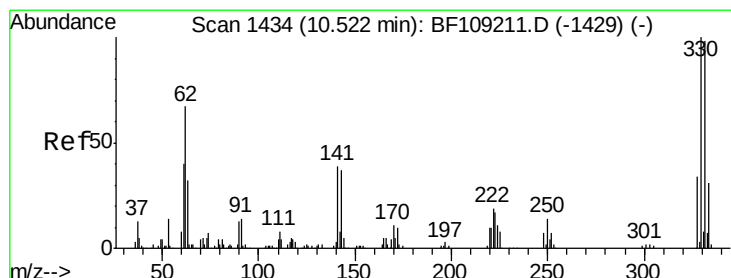
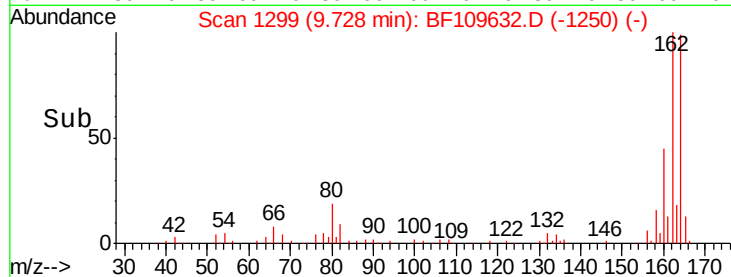
Sohil



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

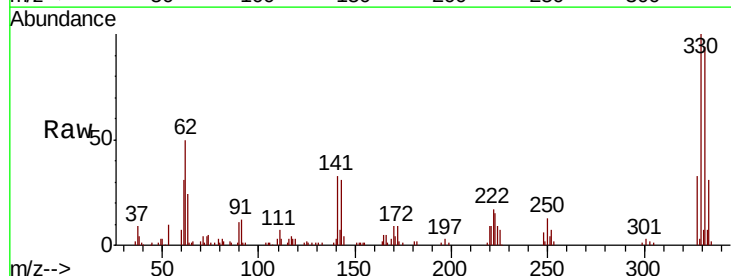


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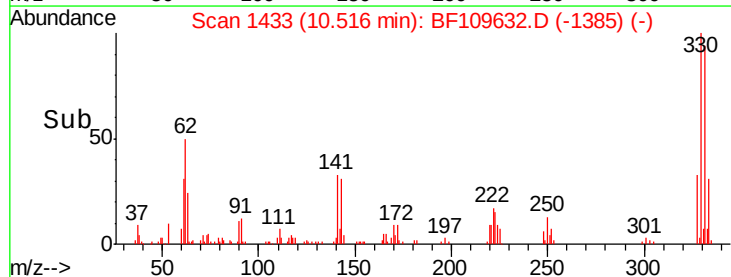
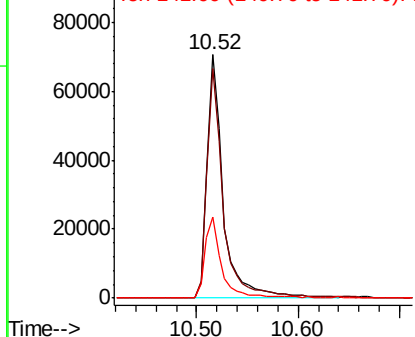


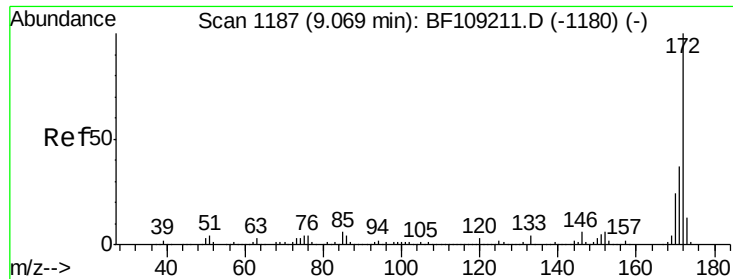
#41
2,4,6-Tribromophenol
Concen: 61.296 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109632.D
Acq: 6 Oct 2018 2:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	33.9	29.9	44.9



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





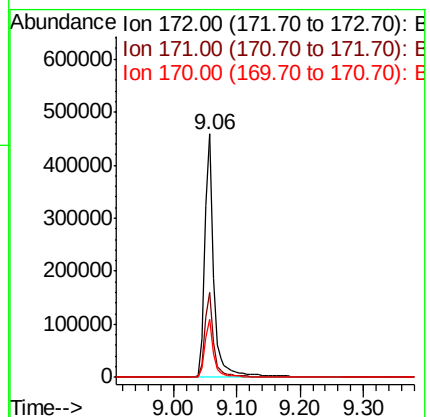
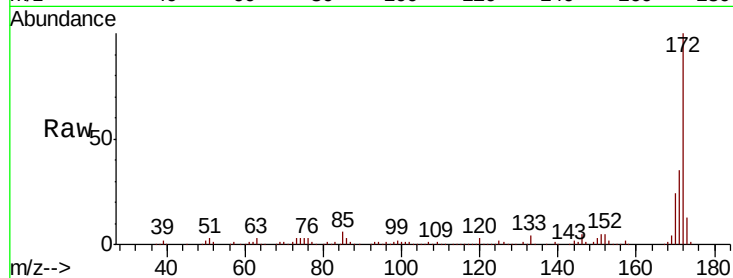
#44
2-Fluorobiphenyl
Concen: 52.780 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109632.D
Acq: 6 Oct 2018 2:13

Instrument :
BNA_F
ClientSampleId :
GRID10-COMP-100318

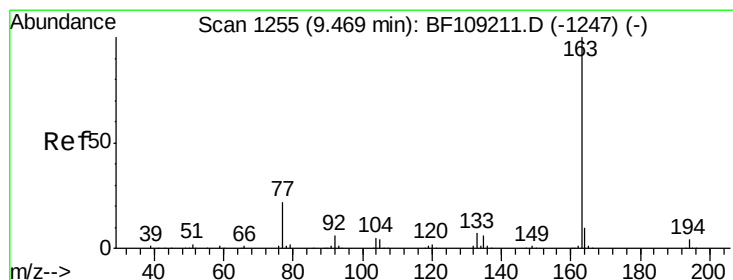
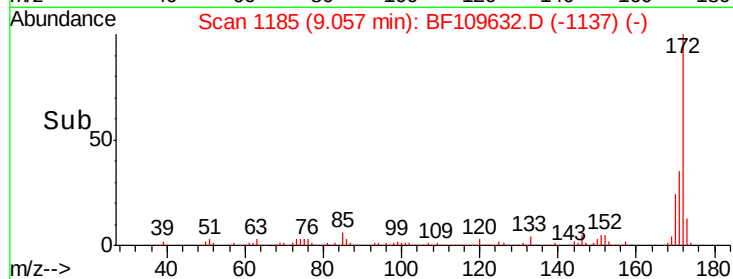
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	23.7	19.6	29.4

Manual Integrations
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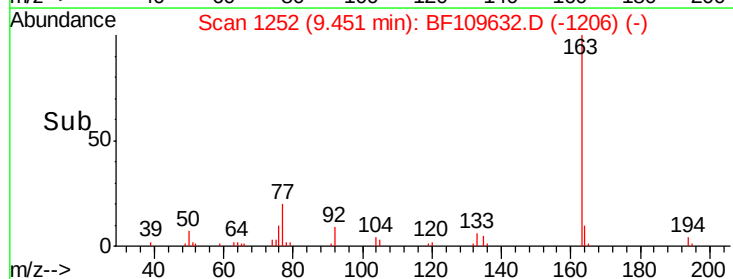
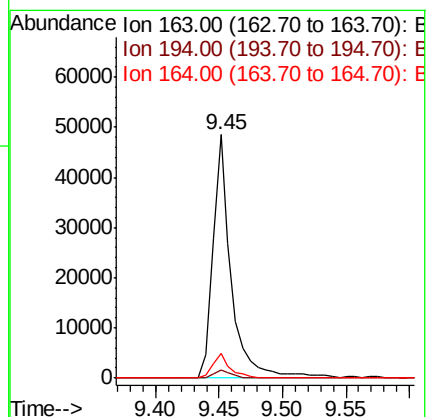
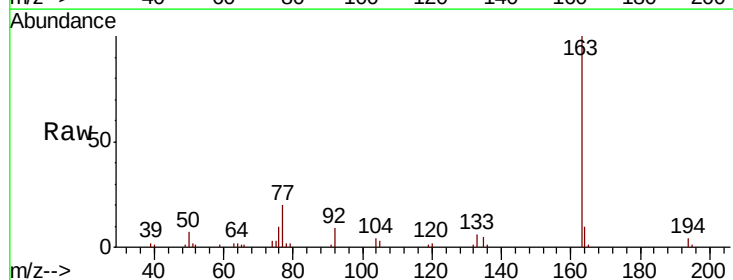


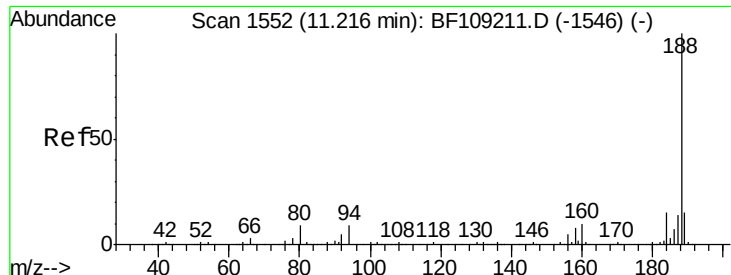
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#49
Dimethylphthalate
Concen: 5.193 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109632.D
Acq: 6 Oct 2018 2:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.4	8.2	12.2





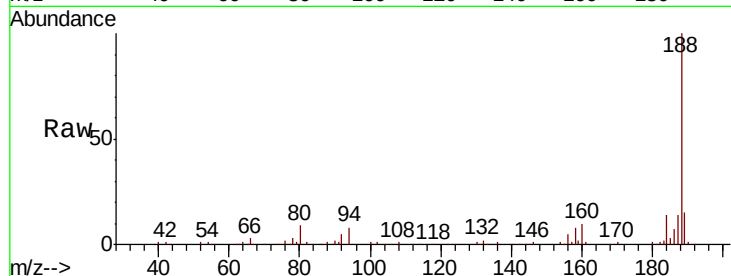
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109632.D
Acq: 6 Oct 2018 2:13

Instrument :
BNA_F
ClientSampleId :
GRID10-COMP-100318

Tot Ion	Ratio	Resp	Lower	Upper
188	100	208743		
94	8.2		8.5	12.7#
80	9.0		9.2	13.8#

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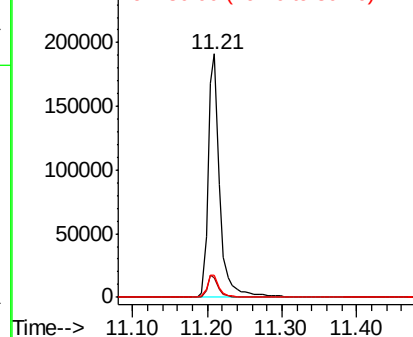


Abundance

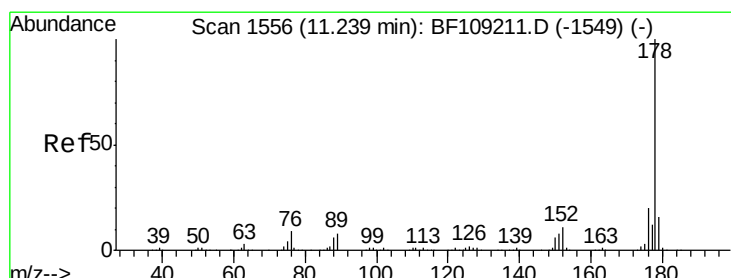
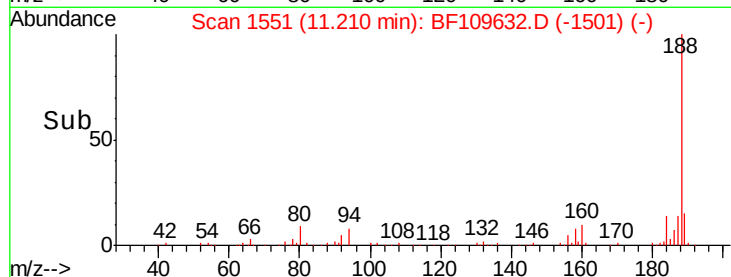
Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



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#70
Phenanthrene
Concen: 2.568 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109632.D
Acq: 6 Oct 2018 2:13

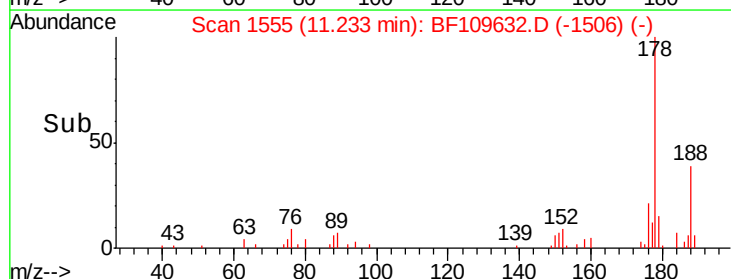
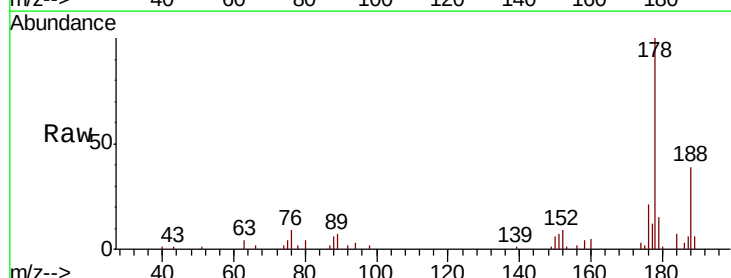
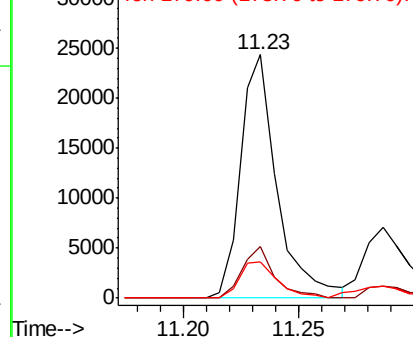
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	26764		
176	21.0		15.8	23.8
179	14.9		13.0	19.6

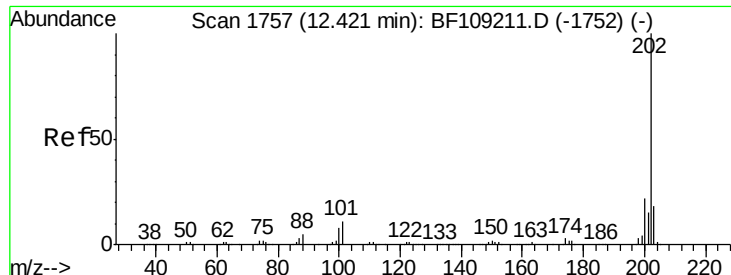
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 4.189 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF109632.D

Acq: 6 Oct 2018 2:13

Instrument :

BNA_F

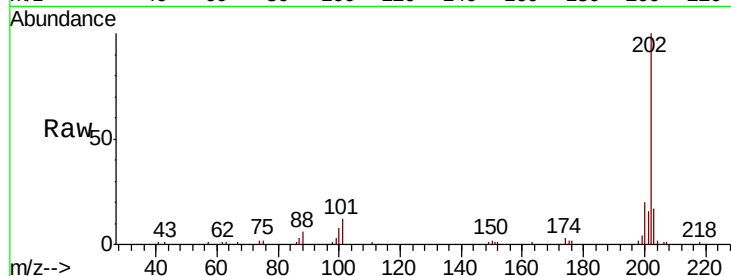
ClientSampleId :

GRID10-COMP-100318

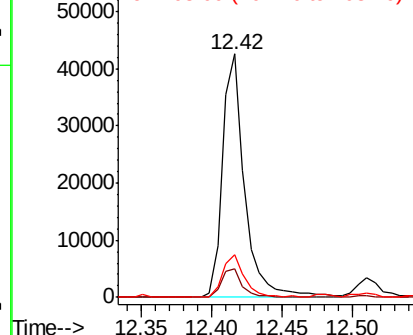
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		46658		
101	11.7	0.0	34.1		
203	17.5	0.0	38.1		

Manual Integrations
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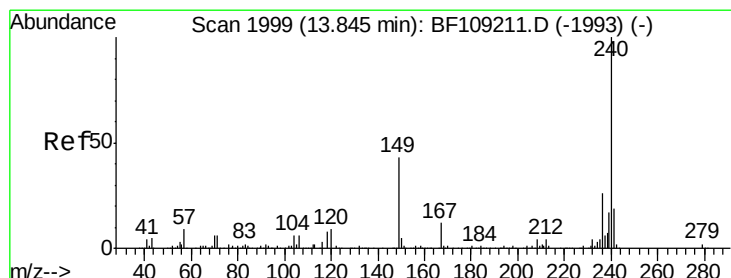
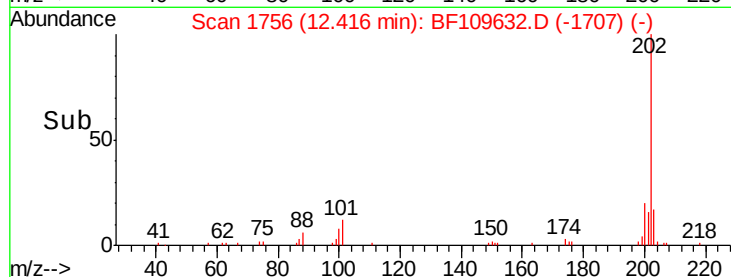
Sohil



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



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#75

Chrysene-d12

Concen: 20.000 ng

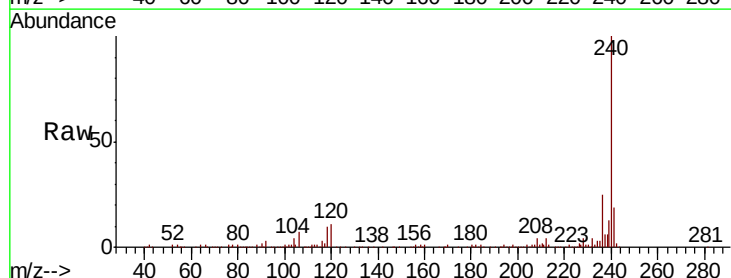
RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

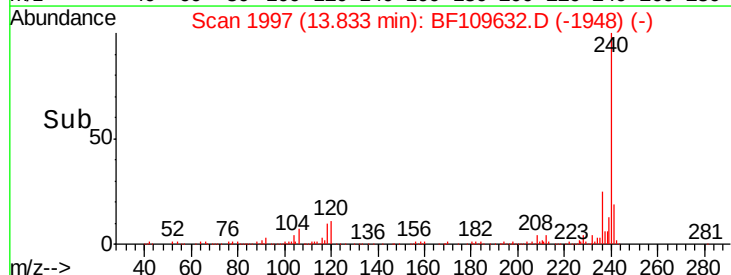
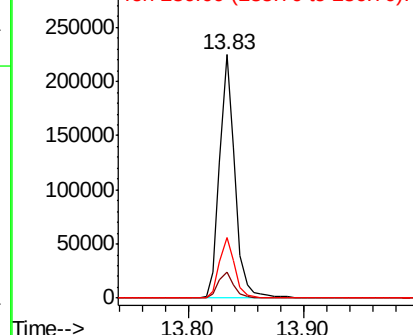
Lab File: BF109632.D

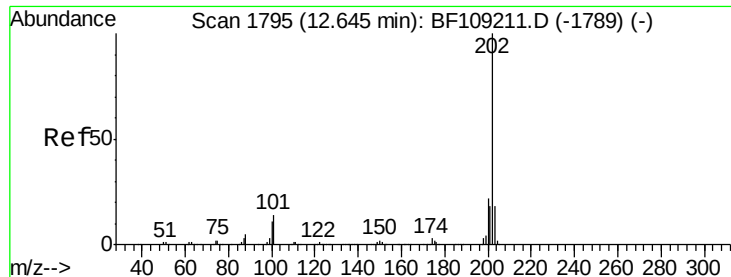
Acq: 6 Oct 2018 2:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		207132		
120	10.8	9.5	14.3		
236	24.7	20.7	31.1		



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

Pvrene

Concen: 2.907 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BF109632.D

Acq: 6 Oct 2018 2:13

Instrument :

BNA_F

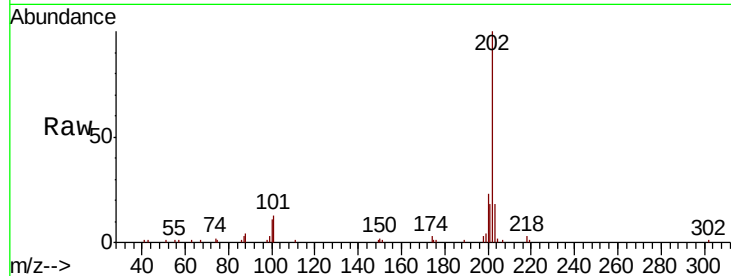
ClientSampleId :

GRID10-COMP-100318

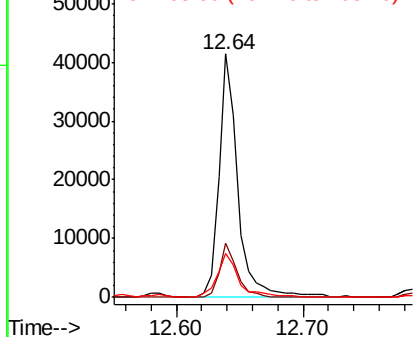
Tot Ion:	202	Resp:	43161
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.4	26.2
203	17.9	14.3	21.5

Manual Integrations
APPROVED

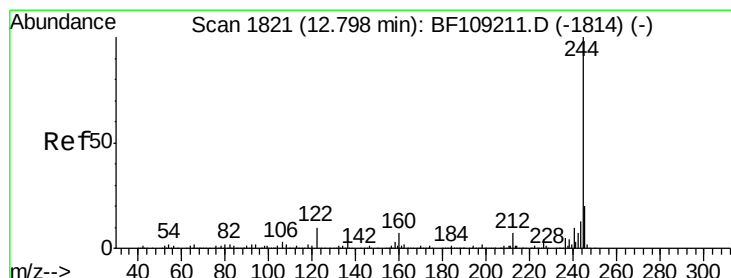
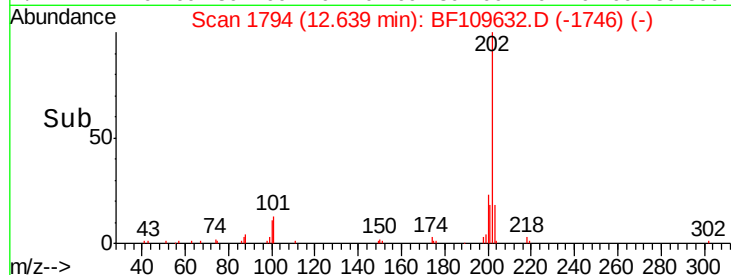
Sohil



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



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#78

Terphenyl-d14

Concen: 42.998 ng

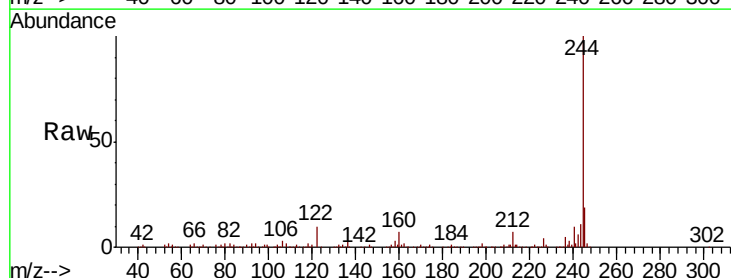
RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

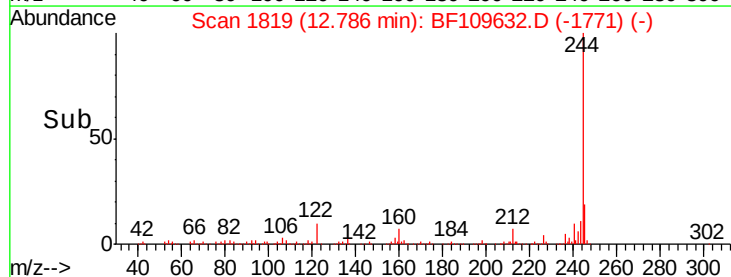
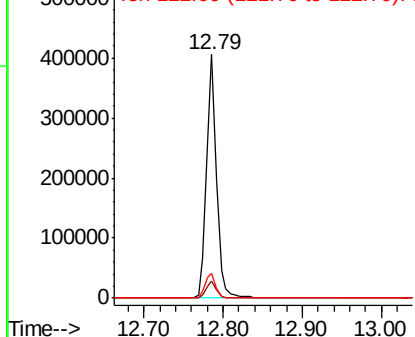
Lab File: BF109632.D

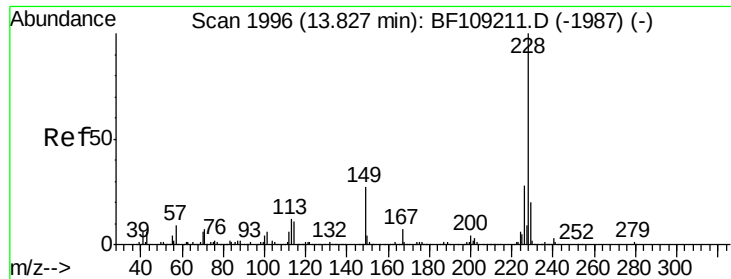
Acq: 6 Oct 2018 2:13

Tgt Ion:	244	Resp:	362900
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	10.3	11.0	16.4#



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





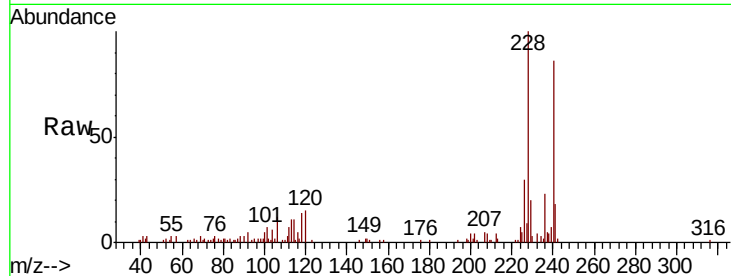
#80
Benzo(a)anthracene
Concen: 2.383 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF109632.D
Acq: 6 Oct 2018 2:13

Instrument :
BNA_F
ClientSampleId :
GRID10-COMP-100318

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	20.4	15.8	23.6

Manual Integrations
APPROVED

Sohil

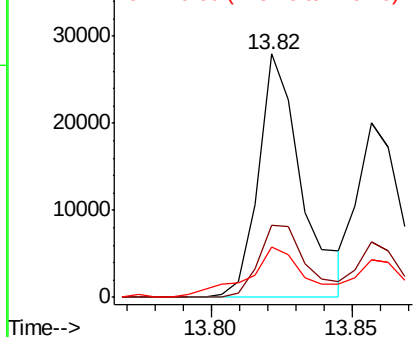


Abundance

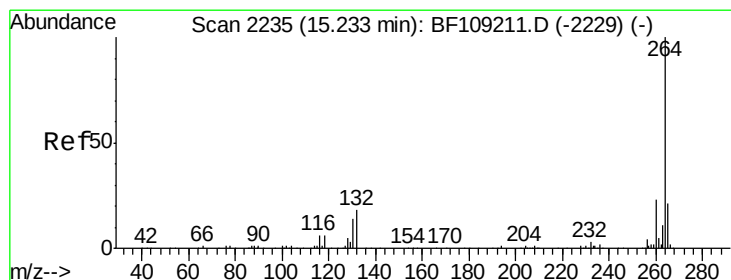
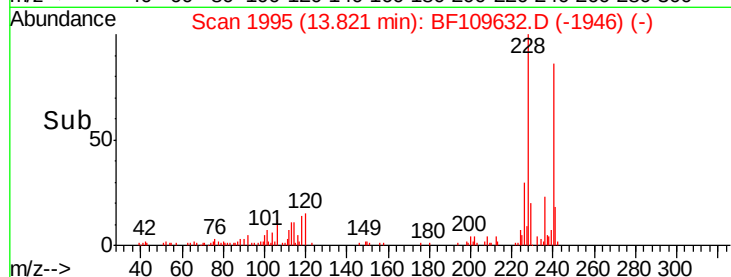
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

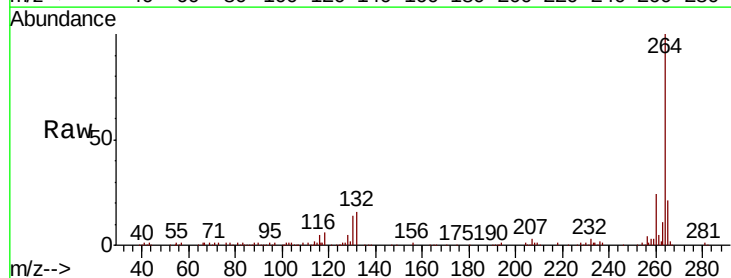


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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109632.D
Acq: 6 Oct 2018 2:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	17.5	26.3

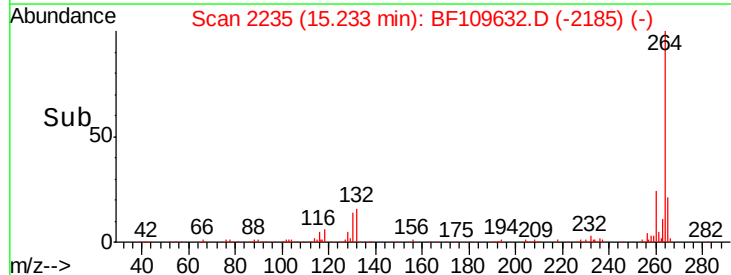
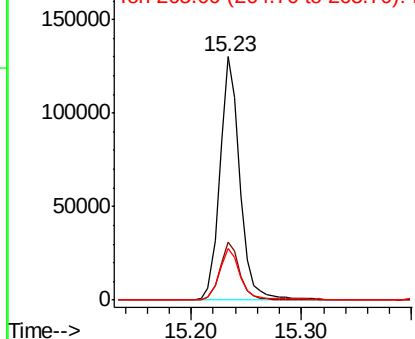


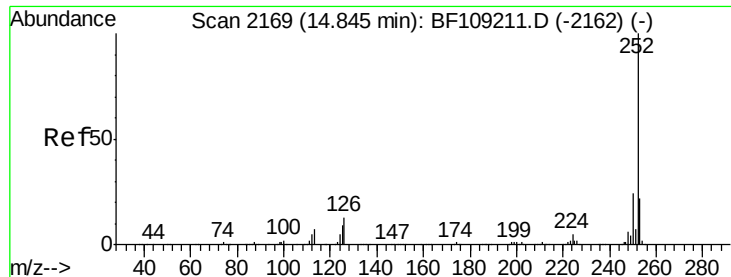
Abundance

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





#87

Benzo(b)fluoranthene

Concen: 2.433 ng/mL

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF109632.D

Acq: 6 Oct 2018 2:13

Instrument :

BNA_F

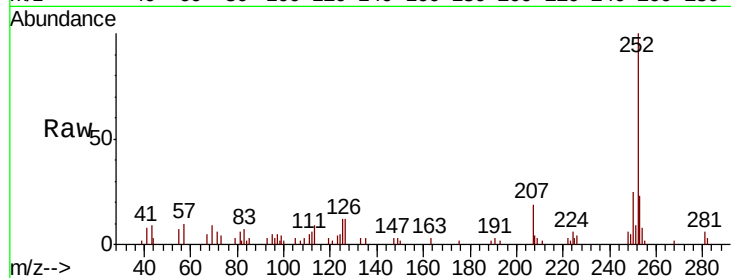
ClientSampleId :

GRID10-COMP-100318

Tot Ion:	252	Resp:	21949
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.0	25.6
125	12.1	9.0	13.6

Manual Integrations
APPROVED

Sohil

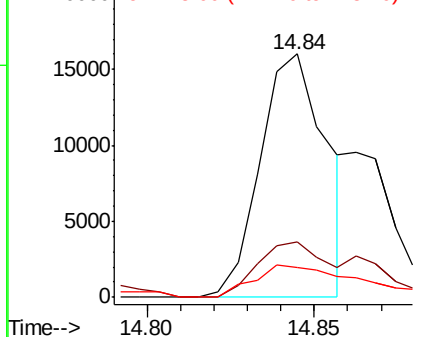


Abundance

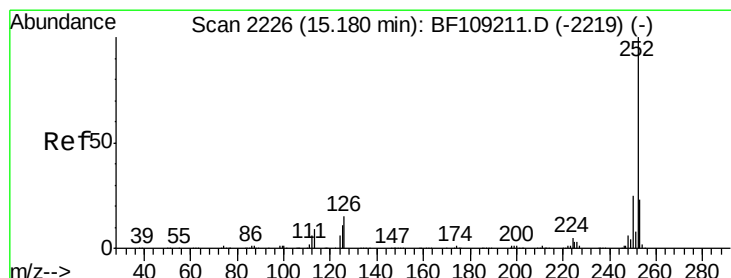
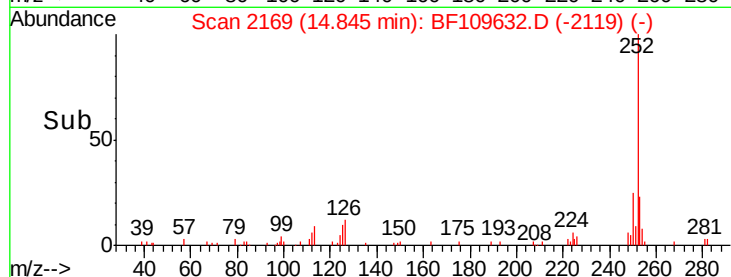
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



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#89

Benzo(a)pyrene

Concen: 2.025 ng/mL

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF109632.D

Acq: 6 Oct 2018 2:13

Tgt Ion:	252	Resp:	16462
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.1	25.7
125	12.7	9.8	14.6

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

