

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109344.D
 Acq On : 26 Sep 2018 18:37
 Operator : JU/SJ
 Sample : J4774-05RE 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-092418RE

Manual Integrations
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Sohil
 9/27/2018 1:31:26 PM

Quant Time: Sep 27 08:36:08 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)
1) 1,4-Dichlorobenzene-d4	6.70	152	116582	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	461411	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	219239	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	368635	20.00	ng	0.00
75) Chrysene-d12	13.84	240	306347	20.00	ng	0.00
86) Perylene-d12	15.24	264	300019	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	59586	8.42	ng	-0.01
7) Phenol-d6	6.33	99	79844	8.84	ng	-0.02
23) Nitrobenzene-d5	7.26	82	46319	5.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	17628	8.16	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	101489	6.98	ng	-0.01
78) Terphenyl-d14	12.79	244	80742	6.47	ng	-0.01
Target Compounds						
70) Phenanthrene	11.23	178	63809	3.467	ng	97
74) Fluoranthene	12.42	202	80031	4.069	ng	95
77) Pyrene	12.64	202	74466	3.392	ng	98
87) Benzo(b)fluoranthene	14.84	252	42935m	2.604	ng	

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

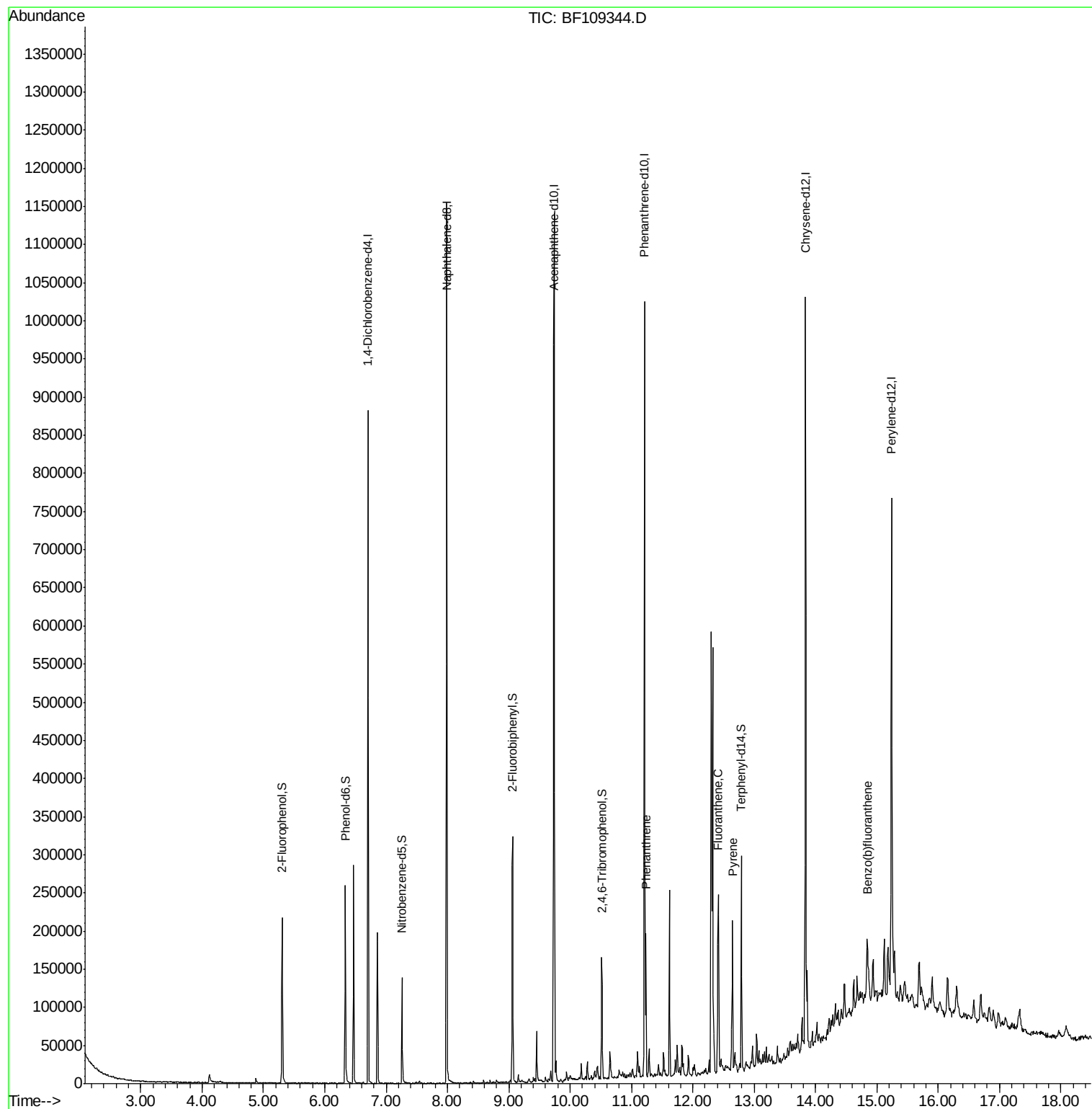
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
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Sample : J4774-05RE 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

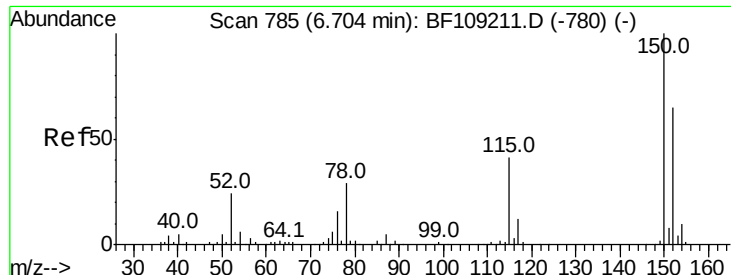
Instrument :
BNA_F
ClientSampleID :
OK-03-092418RE

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Quant Time: Sep 27 08:36:08 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

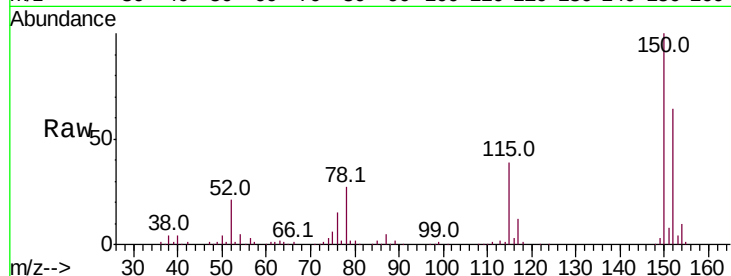
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Instrument :
BNA_F
ClientSampleId :
OK-03-092418RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	60.9	50.1	75.1

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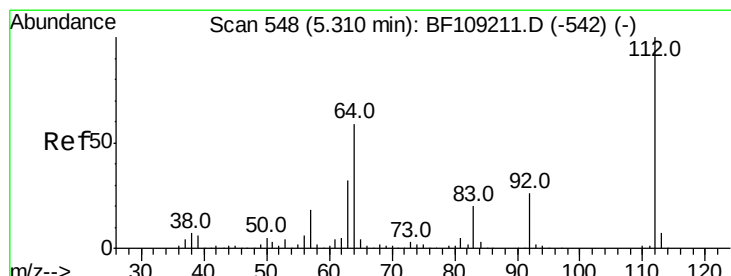
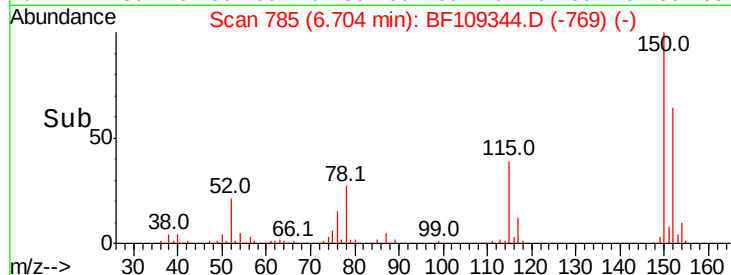
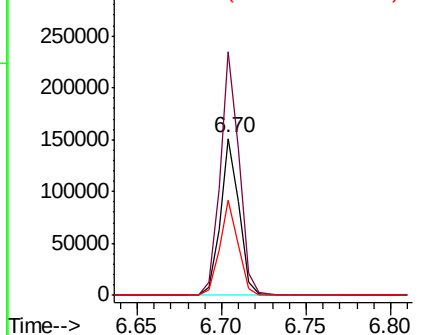


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

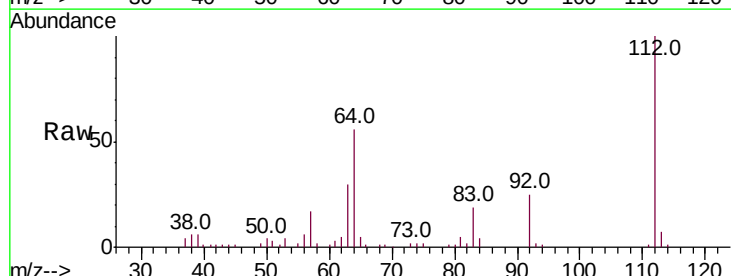
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 8.418 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	29.7	23.7	35.5

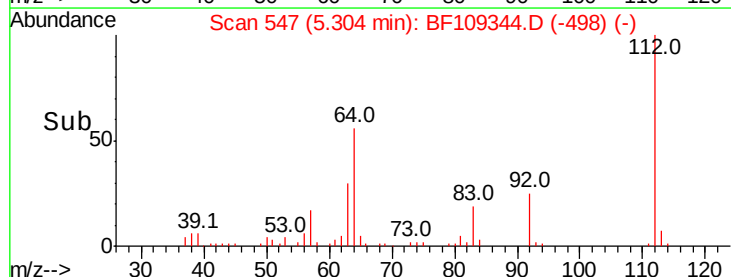
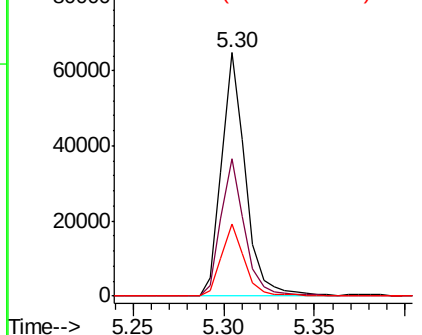


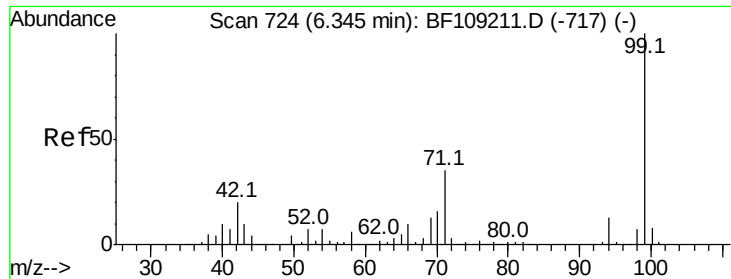
Abundance

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: 8.840 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF109344.D

Acq: 26 Sep 2018 18:37

Instrument :

BNA_F

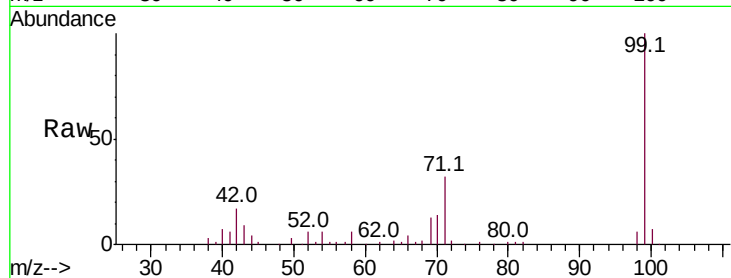
ClientSampleId :

OK-03-092418RE

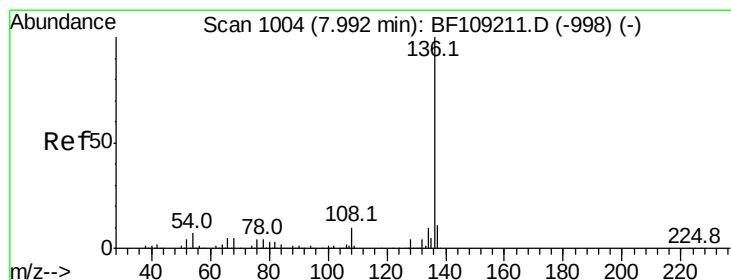
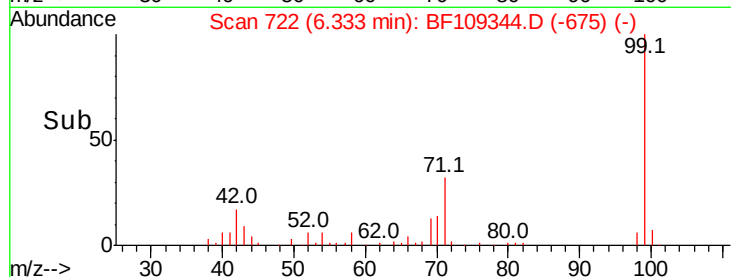
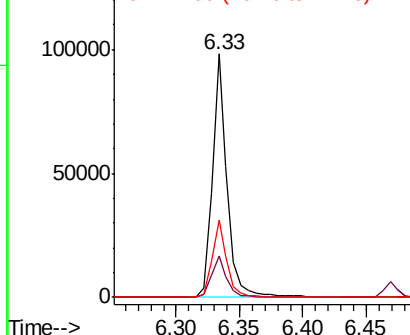
Tot Ion:	99	Resp:	79844
Ion Ratio	Lower	Upper	
99	100		
42	16.9	14.5	21.7
71	31.8	25.4	38.0

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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: 7.99 min Scan# 1003

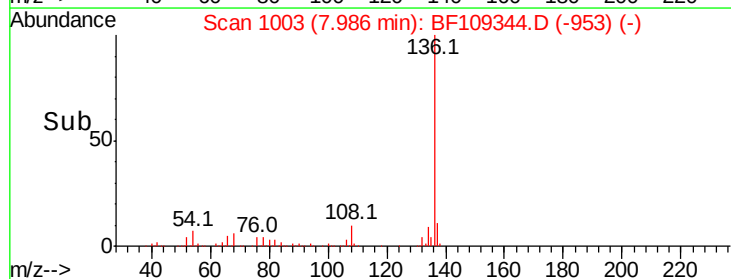
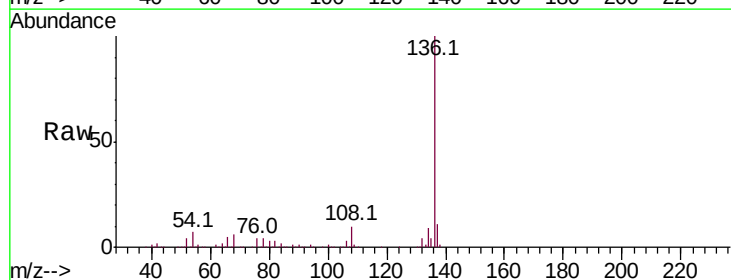
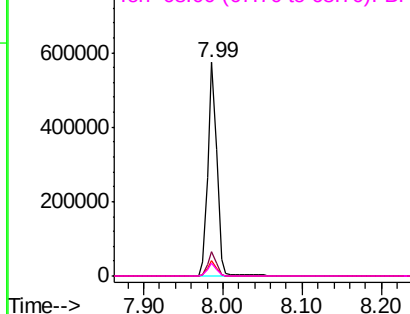
Delta R.T. -0.01 min

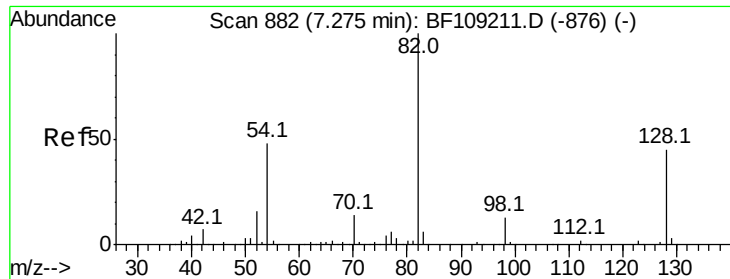
Lab File: BF109344.D

Acq: 26 Sep 2018 18:37

Tgt Ion:	136	Resp:	461411
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	7.0	6.6	9.8
68	5.8	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





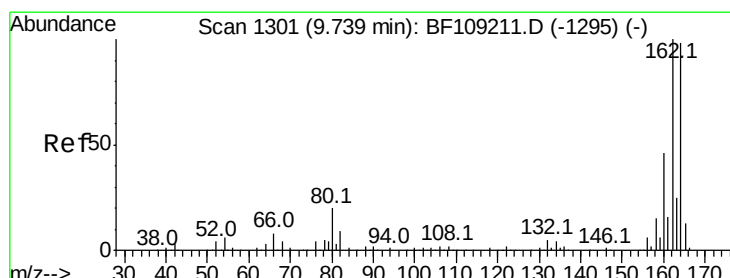
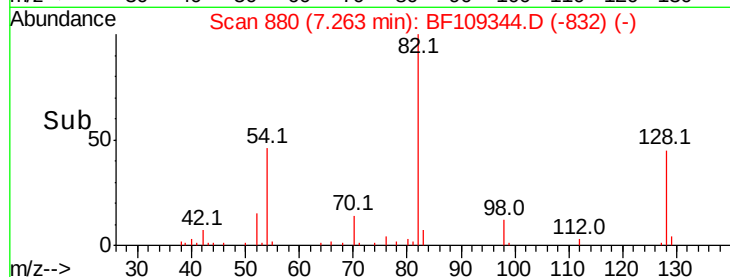
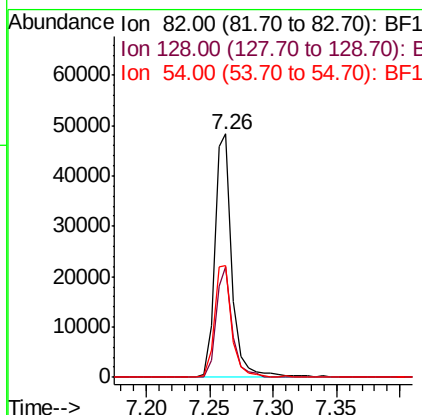
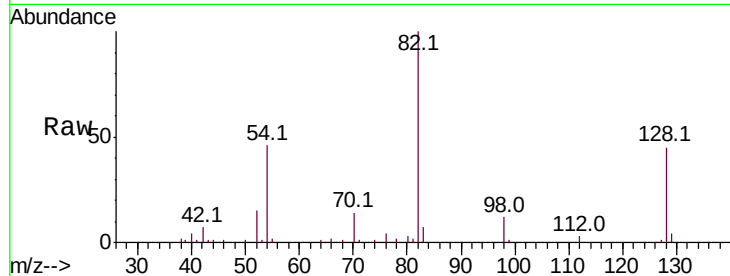
#23
 Nitrobenzene-d5
 Concen: 5.926 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109344.D
 Acq: 26 Sep 2018 18:37

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-092418RE

Tot Ion	82	Resp	46319
Ion Ratio	100	Lower	Upper
128	45.4	36.1	54.1
54	45.7	41.4	62.2

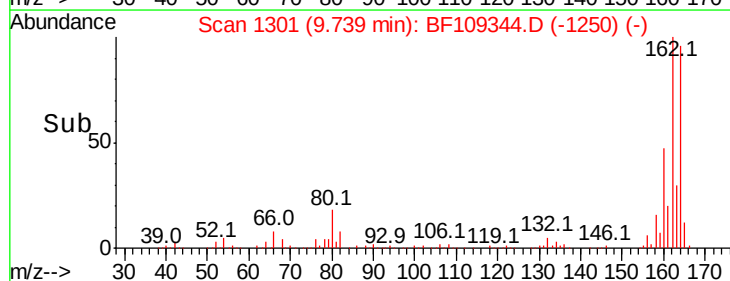
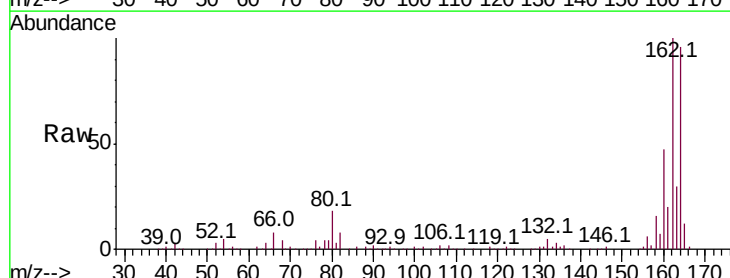
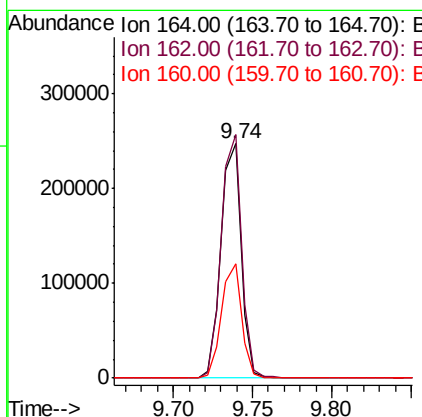
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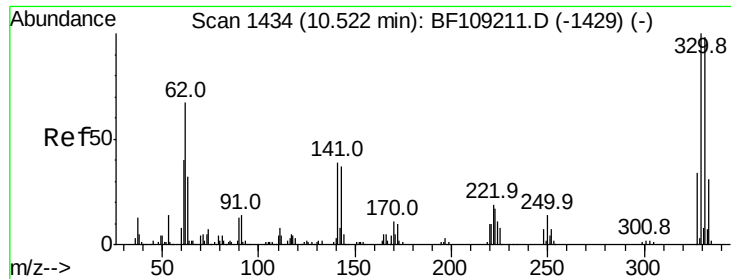
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF109344.D
 Acq: 26 Sep 2018 18:37

Tgt Ion	164	Resp	219239
Ion Ratio	100	Lower	Upper
162	104.0	86.1	129.1
160	48.7	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 8.156 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109344.D

Acq: 26 Sep 2018 18:37

Instrument :

BNA_F

ClientSampleId :

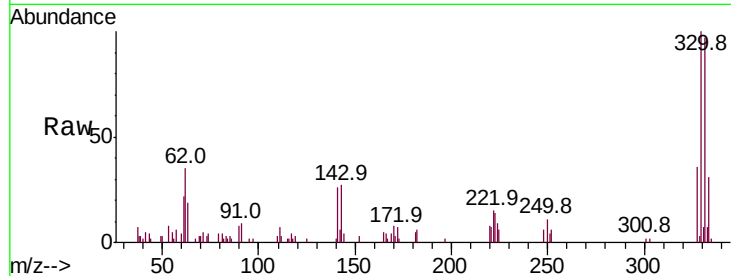
OK-03-092418RE

Tot Ion:	330	Resp:	17628
Ion Ratio	Lower	Upper	
330	100		
332	97.6	77.0	115.6
141	34.8	29.9	44.9

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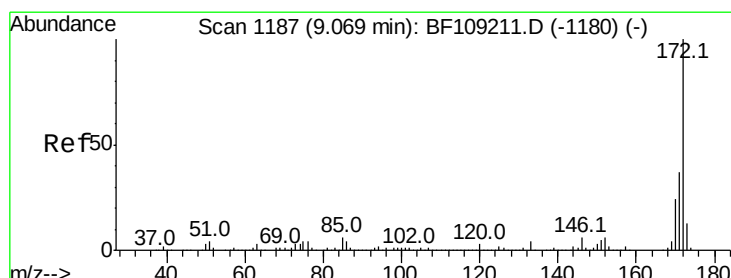
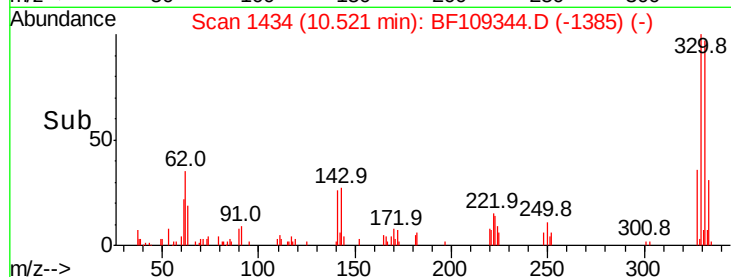
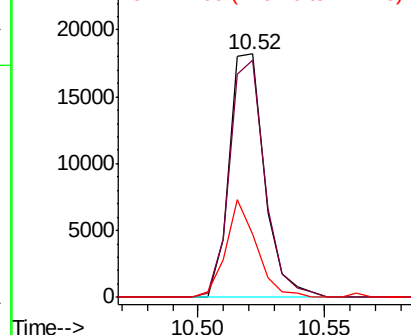


Abundance

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: 6.982 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF109344.D

Acq: 26 Sep 2018 18:37

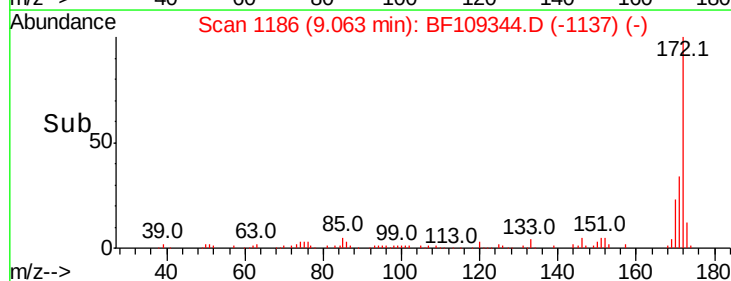
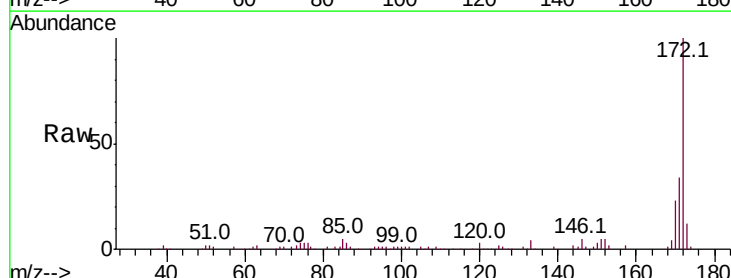
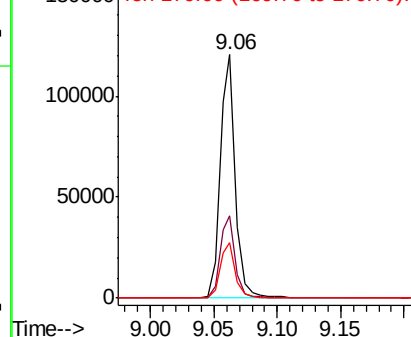
Tgt Ion:	172	Resp:	101489
Ion Ratio	Lower	Upper	
172	100		
171	33.9	29.7	44.5
170	22.8	19.6	29.4

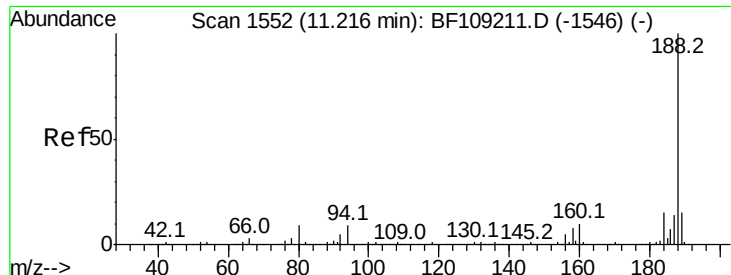
Abundance

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





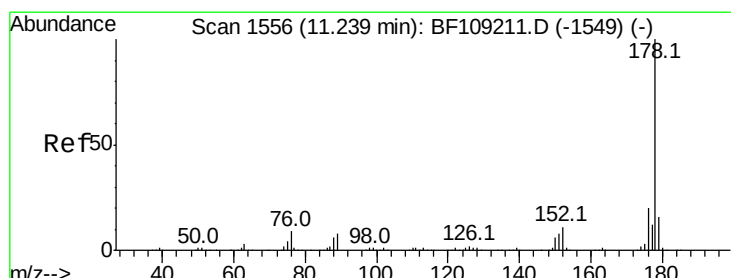
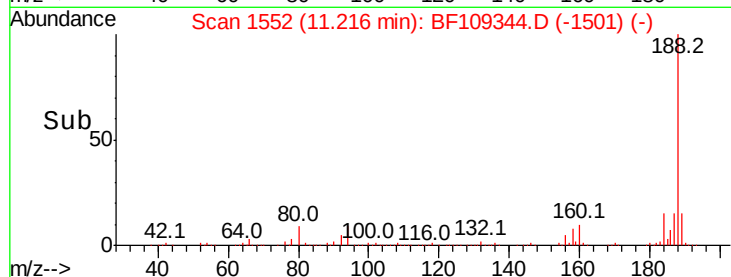
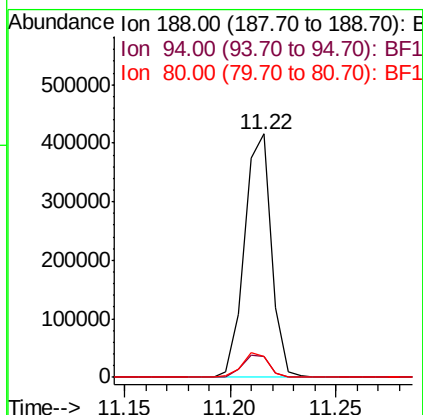
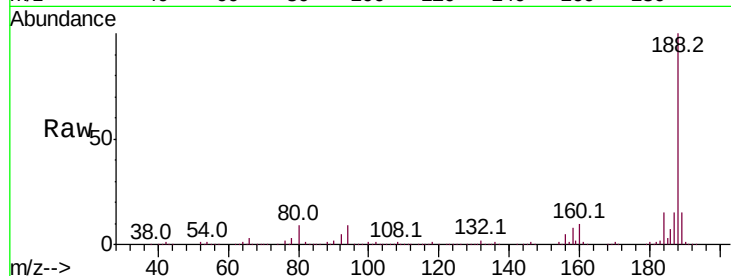
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Instrument :
BNA_F
ClientSampleId :
OK-03-092418RE

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.7	8.5	12.7
80	8.8	9.2	13.8

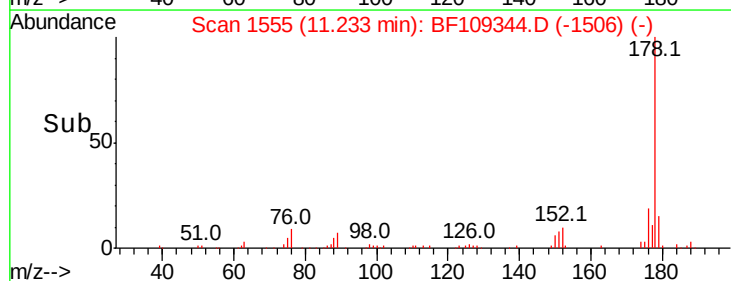
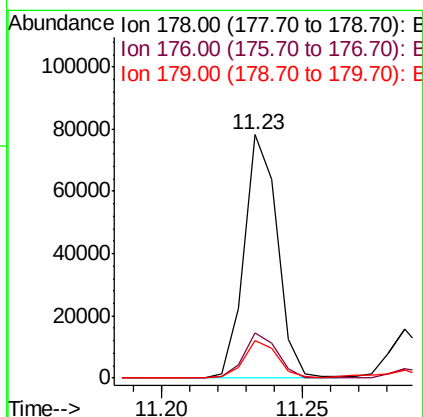
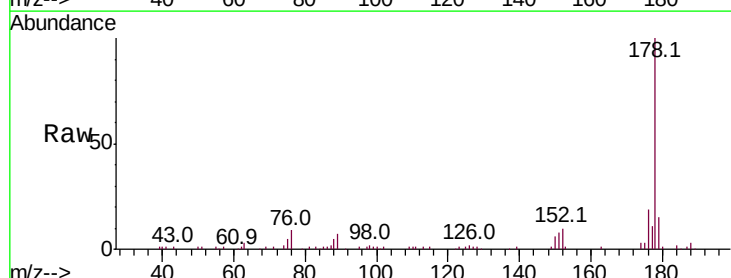
Manual Integrations
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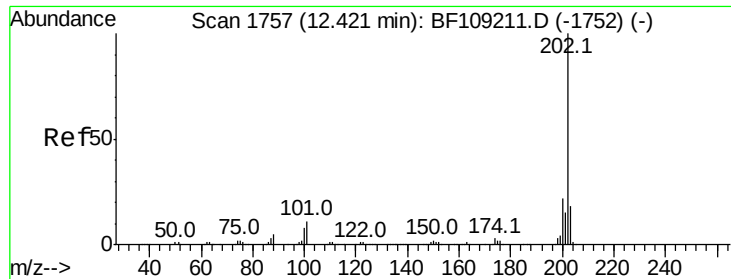
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#70
Phenanthrene
Concen: 3.467 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.2	13.0	19.6





#74

Fluoranthene

Concen: 4.069 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109344.D

Acq: 26 Sep 2018 18:37

Instrument :

BNA_F

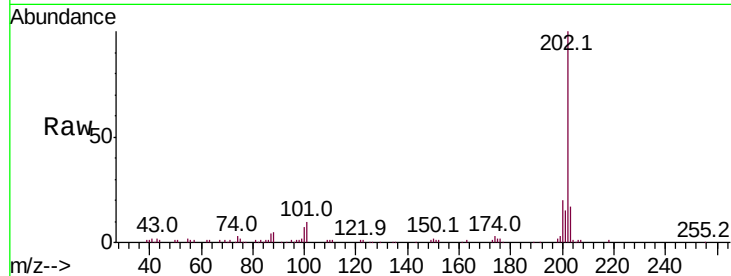
ClientSampleId :

OK-03-092418RE

Tot Ion	Ratio	Resp	Lower	Upper
202	100	80031		
101	10.1	0.0	34.1	
203	17.3	0.0	38.1	

Manual Integrations
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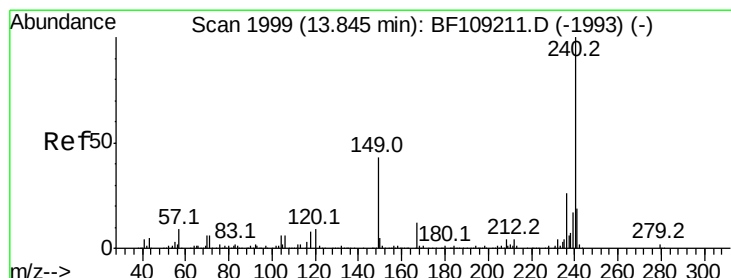
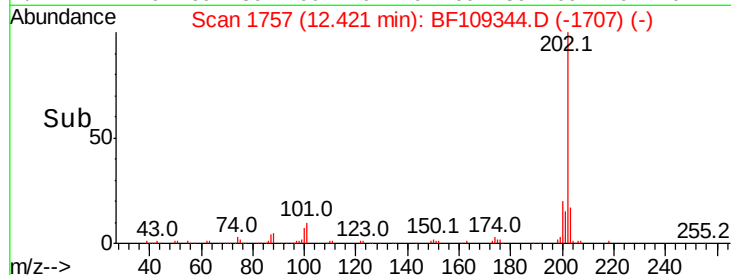
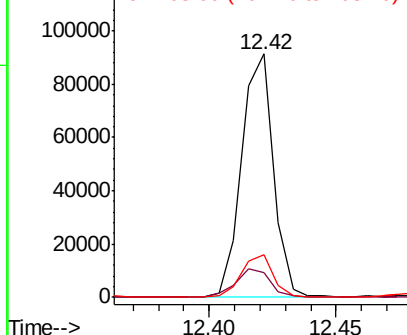


Abundance

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



#75

Chrysene-d12

Concen: 20.000 ng

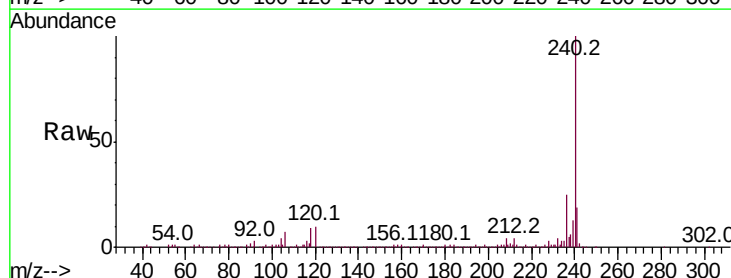
RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109344.D

Acq: 26 Sep 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	306347		
120	10.5	9.5	14.3	
236	25.4	20.7	31.1	

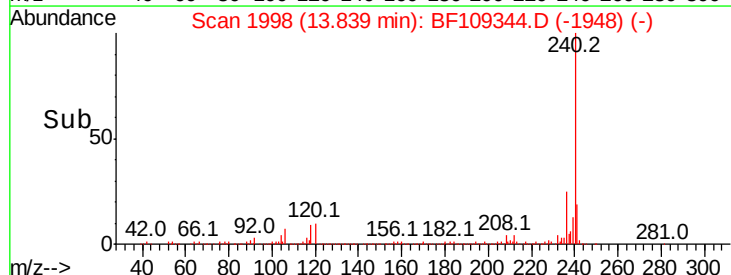
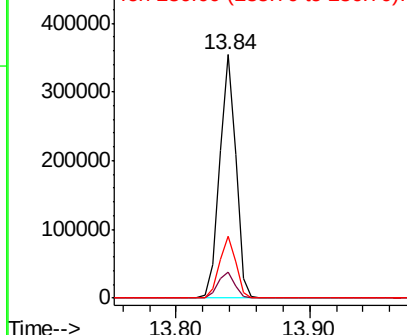


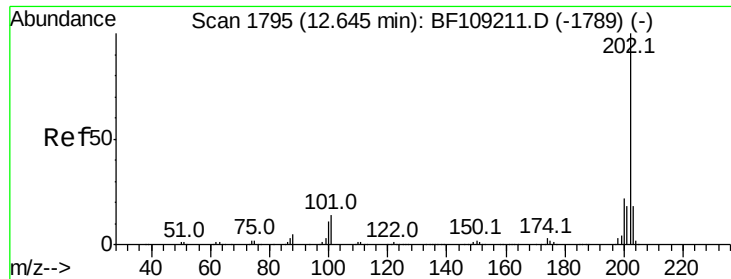
Abundance

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





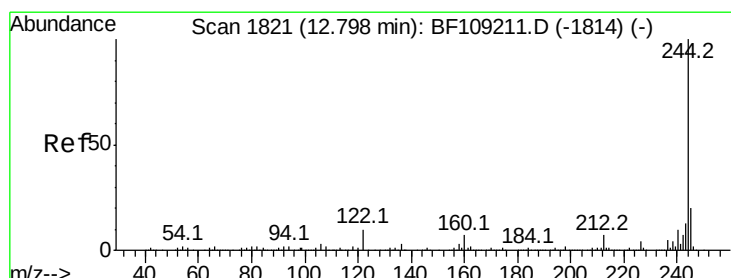
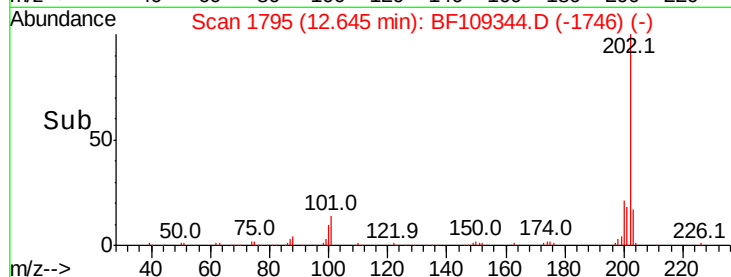
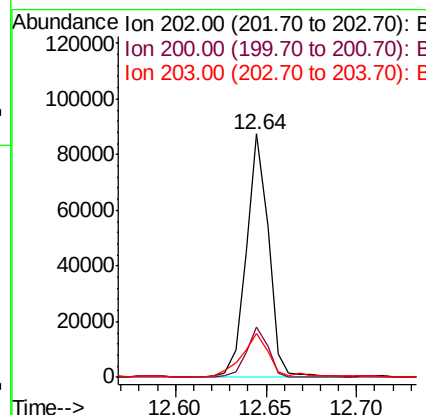
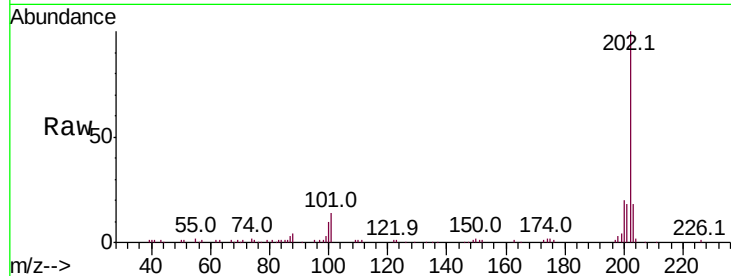
#77
Pvrene
Concen: 3.392 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Instrument :
BNA_F
ClientSampleId :
OK-03-092418RE

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.8	14.3	21.5

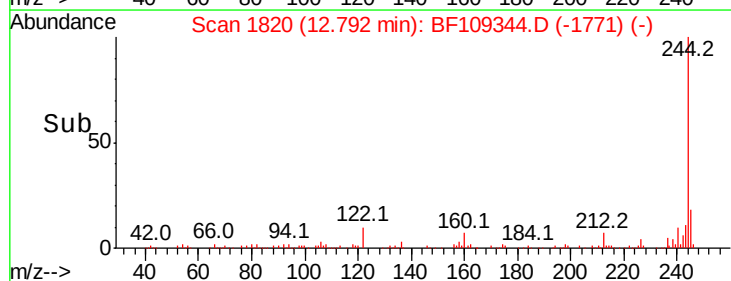
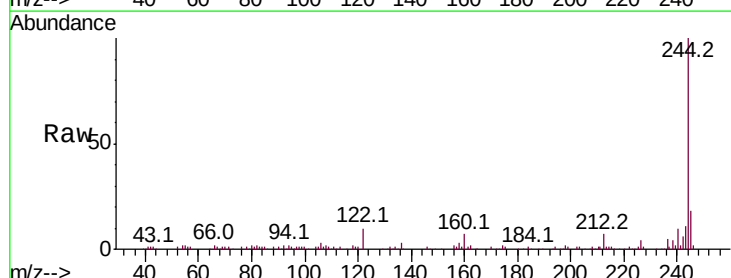
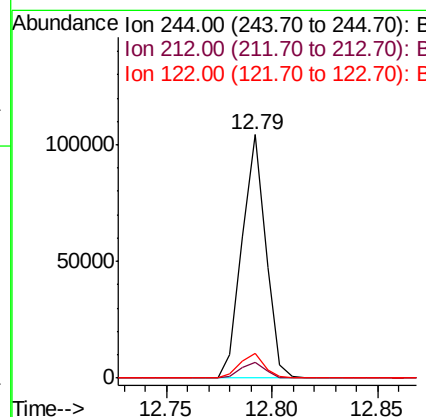
Manual Integrations
APPROVED

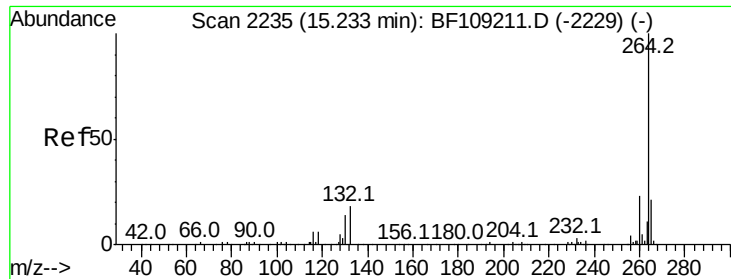
Sohil
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#78
Terphenyl-d14
Concen: 6.468 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.3	11.0	16.4





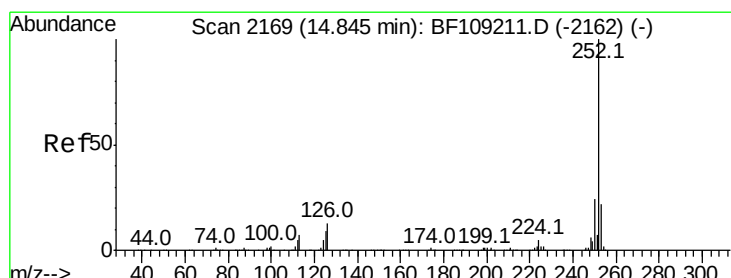
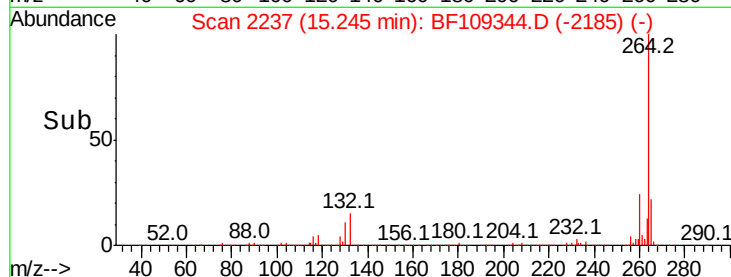
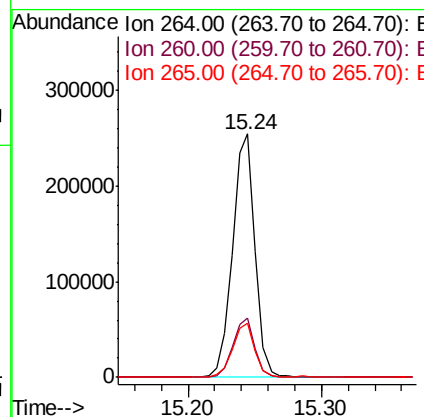
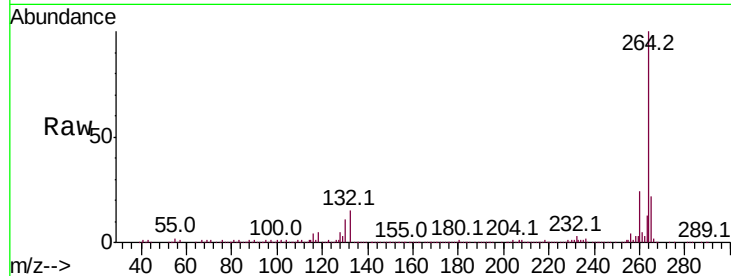
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Instrument :
BNA_F
ClientSampleId :
OK-03-092418RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.1	17.5	26.3

Manual Integrations
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#87
Benzo(b)fluoranthene
Concen: 2.604 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.0	25.6
125	13.2	9.0	13.6

