

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108769.D
 Acq On : 5 Sep 2018 6:29
 Operator : JU/SJ
 Sample : J4741-06 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC2-04-B

Manual Integrations
 APPROVED

Sohil
 9/5/2018 12:48:12 PM

Quant Time: Sep 05 08:39:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	43035	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	215324	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	109731	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	245033	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	210291	20.00	ng	-0.01
86) Perylene-d12	15.74	264	154030	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	120	0.05	ng	0.08
7) Phenol-d6	6.81	99	20391m	5.75	ng	0.16
23) Nitrobenzene-d5	7.68	82	15214m	3.59	ng	0.11
41) 2,4,6-Tribromophenol	10.84	330	6576	4.54	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	34980	4.29	ng	-0.01
78) Terphenyl-d14	13.11	244	55283	5.11	ng	-0.02
Target Compounds						
74) Fluoranthene	12.75	202	33066	2.375	ng	Qvalue 96
87) Benzo(b)fluoranthene	15.28	252	19016m	2.010	ng	

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

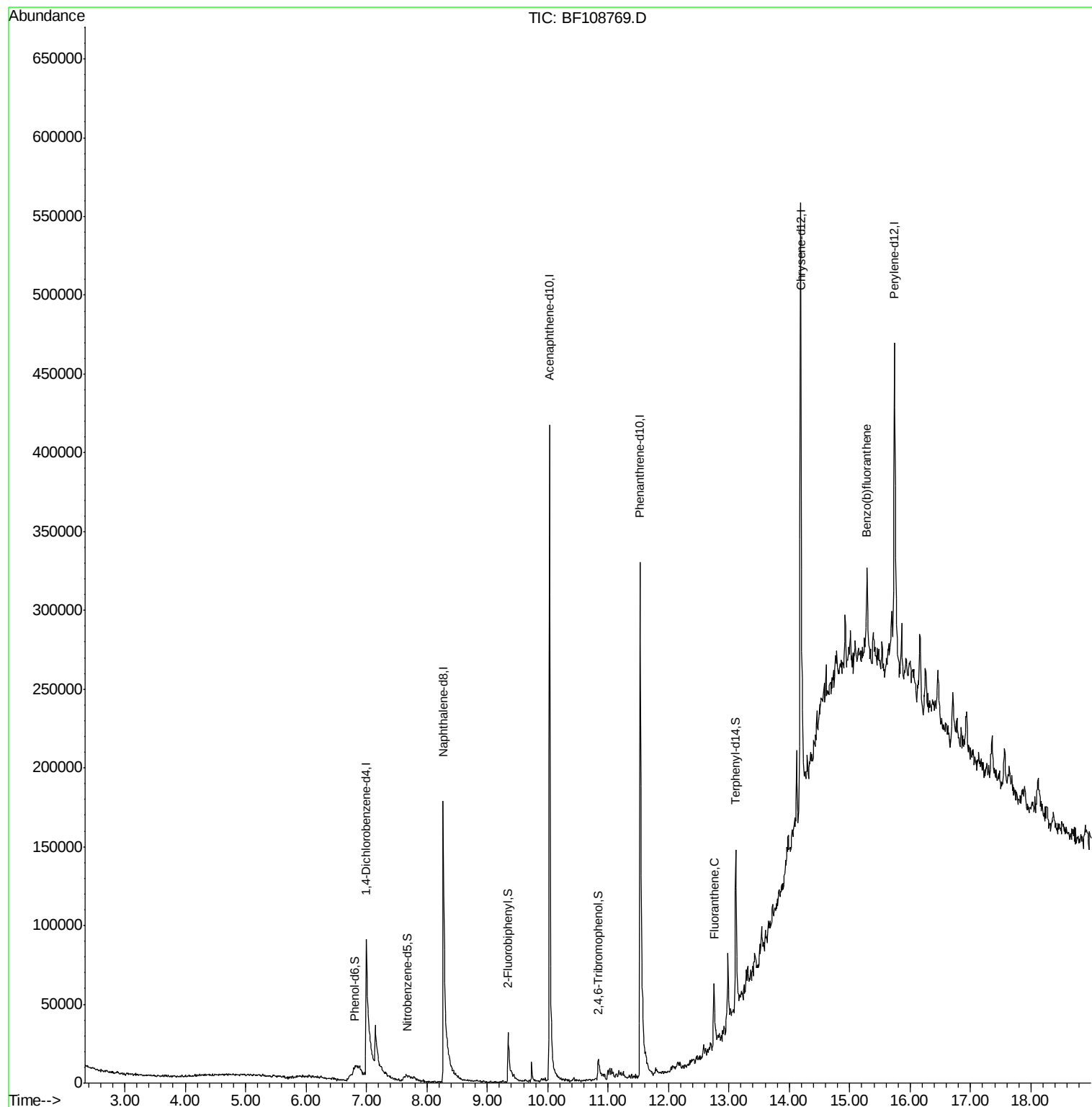
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108769.D
Acq On : 5 Sep 2018 6:29
Operator : JU/SJ
Sample : J4741-06 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

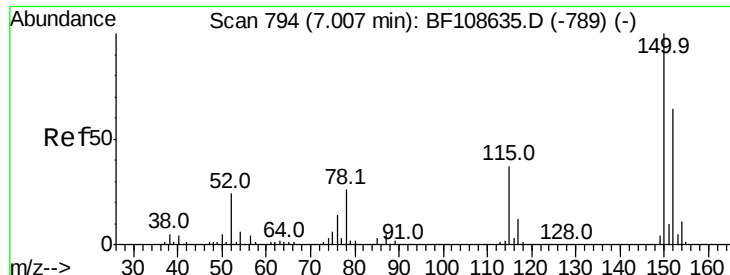
Instrument :
BNA_F
ClientSampleId :
AOC2-04-B

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:12 PM

Quant Time: Sep 05 08:39:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration





#1

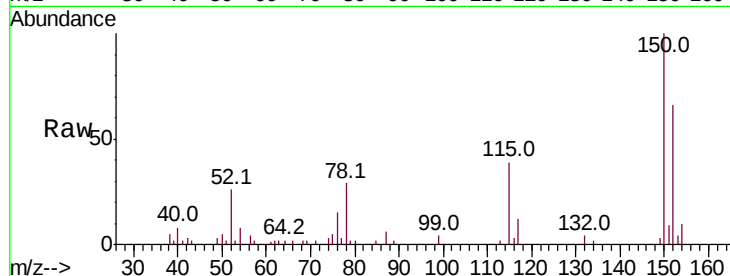
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Instrument :
BNA_F
ClientSampled :
AOC2-04-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.6	186.8
115	59.9	50.1	75.1

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:12 PM

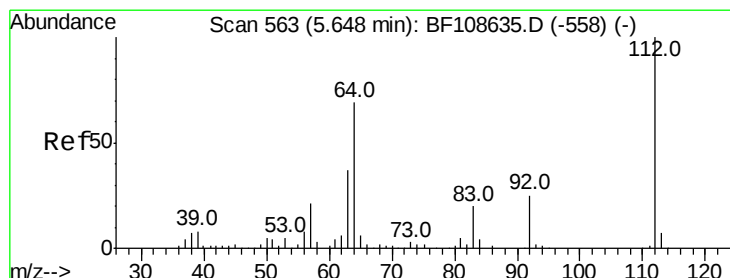
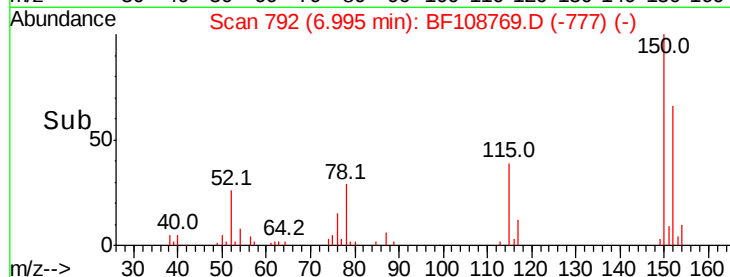
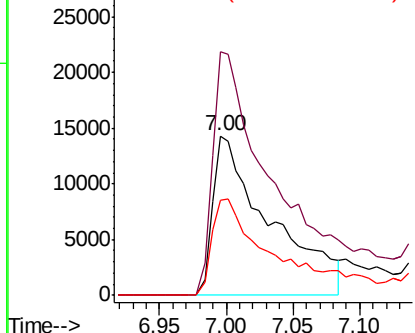


Abundance

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: 0.048 ng
RT: 5.73 min Scan# 577
Delta R.T. 0.08 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

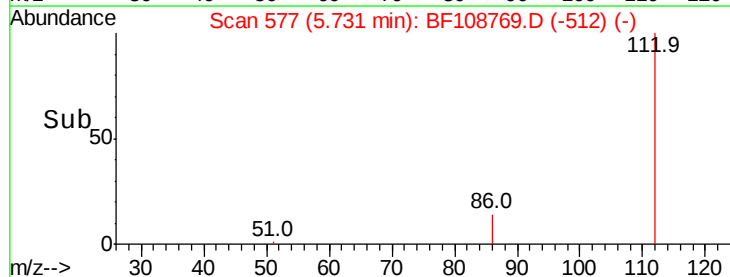
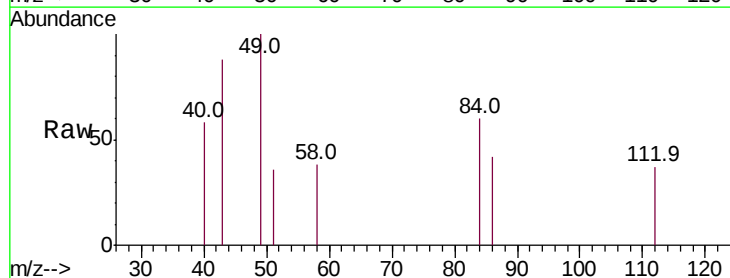
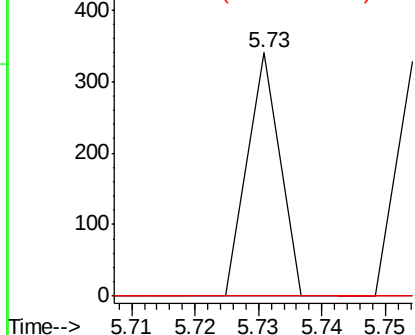
Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	47.9	71.9#
63	0.0	23.7	35.5#

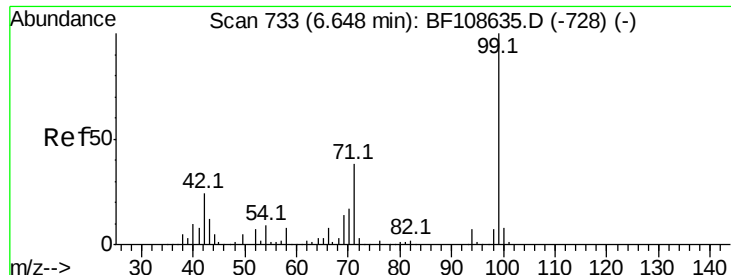
Abundance

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

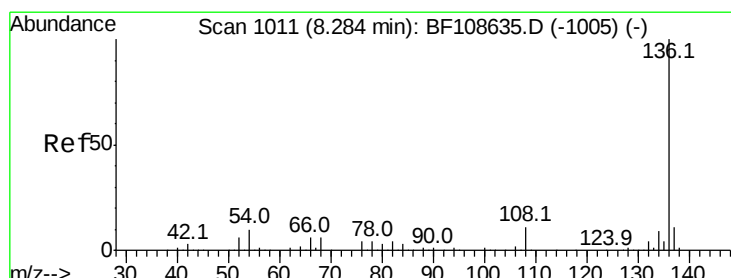
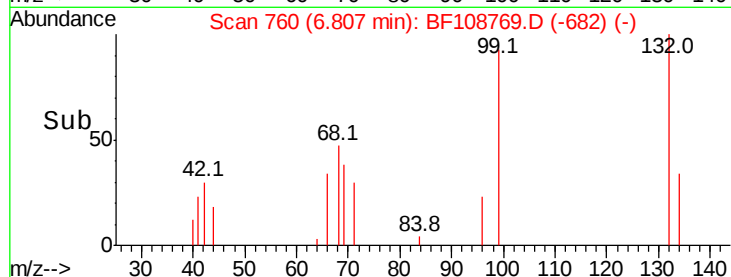
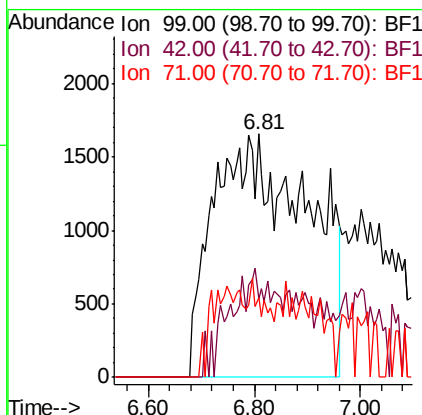
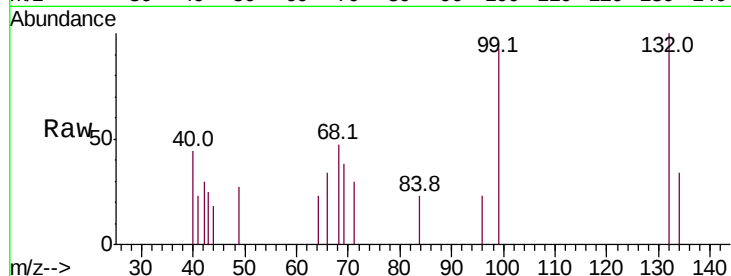
Concen: 5.747 ng/ml
 RT: 6.81 min Scan# 760
 Delta R.T. 0.16 min
 Lab File: BF108769.D
 Acq: 5 Sep 2018 6:29

Instrument :
 BNA_F
 ClientSampled :
 AOC2-04-B

Tot Ion	Ratio	Resp	Lower	Upper
99	100	20391		
42	32.0	14.5	21.7#	
71	32.8	25.4	38.0	

Manual Integrations
 APPROVED

Sohil
 9/5/2018 12:48:12 PM

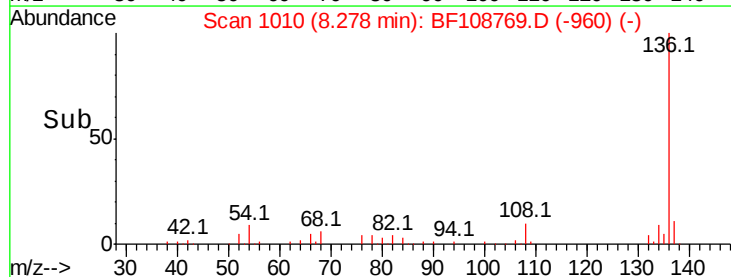
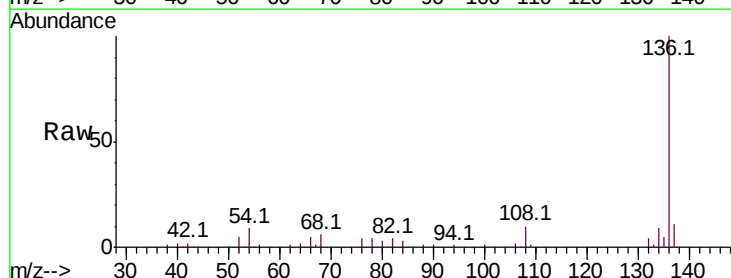
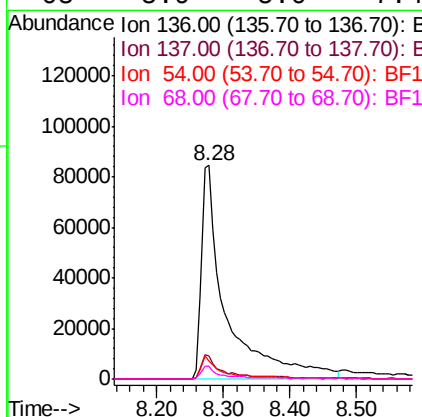


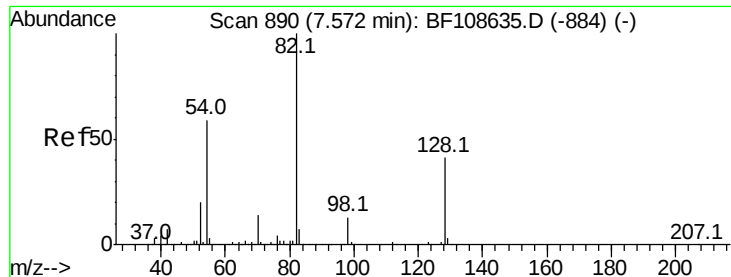
#21

Naphthalene-d8

Concen: 20.000 ng
 RT: 8.28 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF108769.D
 Acq: 5 Sep 2018 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	215324		
137	10.5	8.9	13.3	
54	8.7	6.6	9.8	
68	5.9	5.0	7.4	





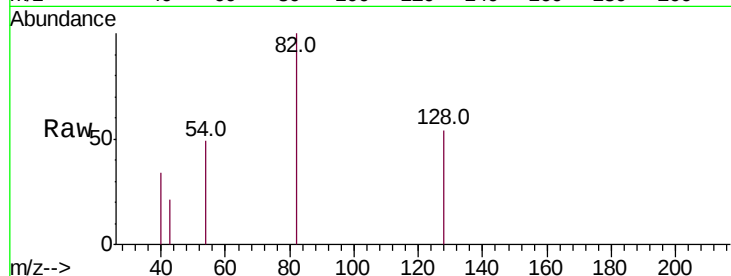
#23
Nitrobenzene-d5
Concen: 3.586 ng m
RT: 7.68 min Scan# 909
Delta R.T. 0.11 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Instrument :
BNA_F
ClientSampled :
AOC2-04-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	54.3	36.1	54.1#
54	48.7	41.4	62.2

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:12 PM

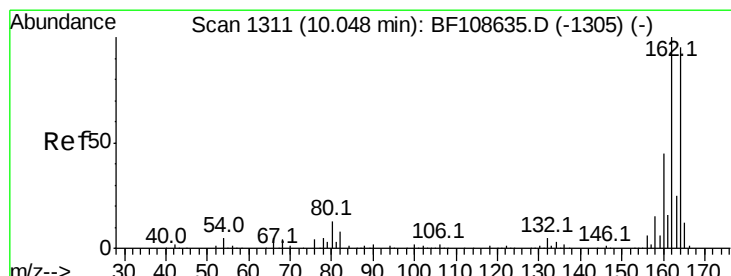
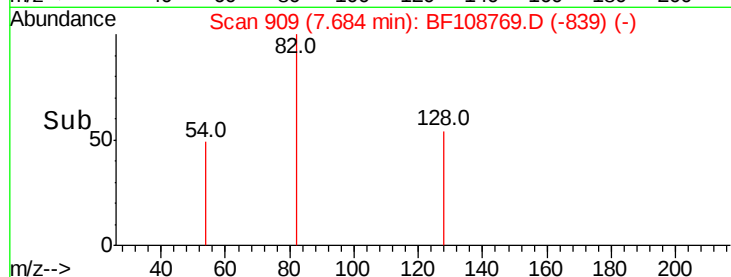
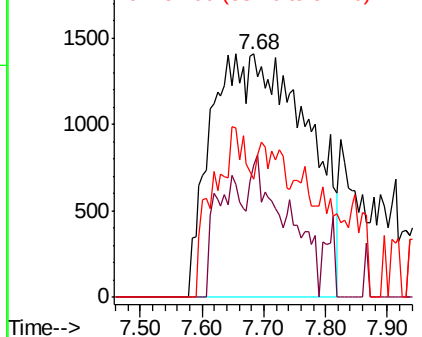


Abundance

Ion 82.00 (81.70 to 82.70): BF1

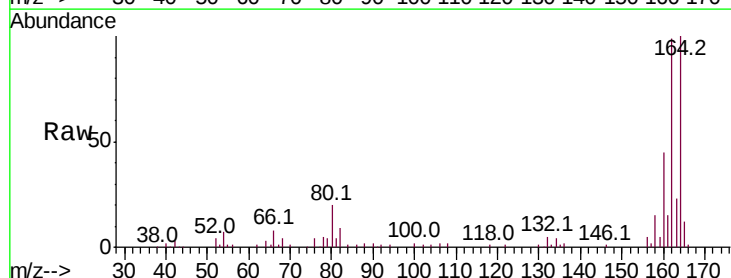
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	86.1	129.1
160	45.3	38.3	57.5

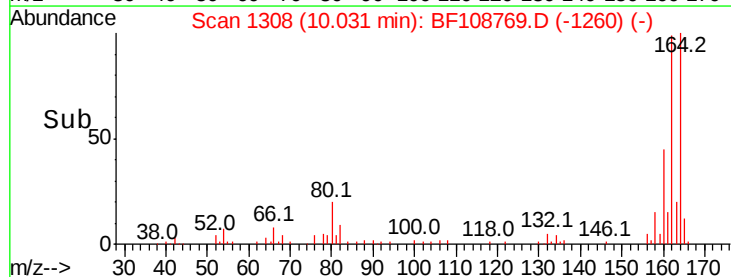
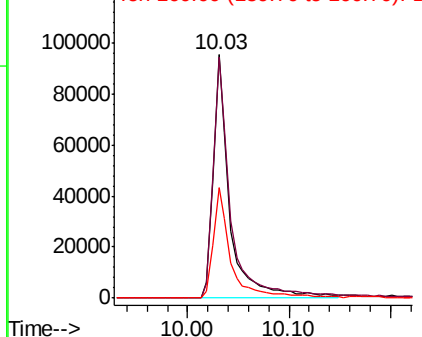


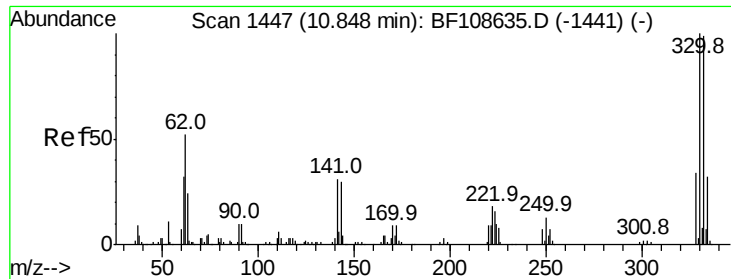
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





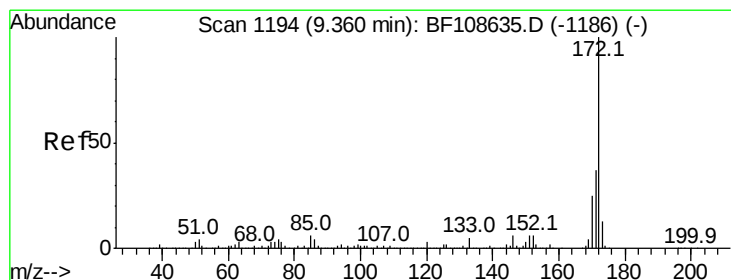
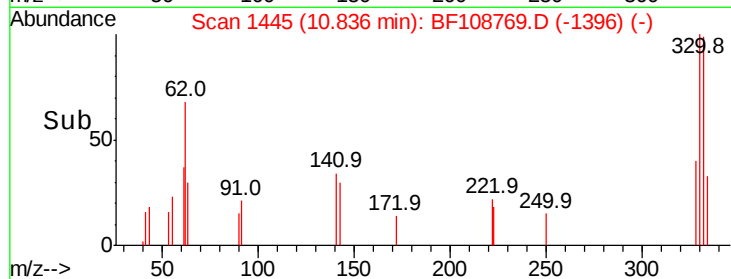
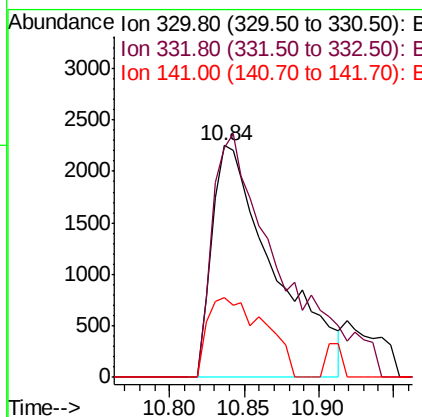
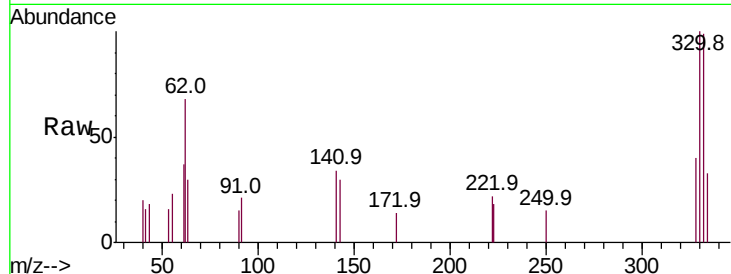
#41
 2,4,6-Tribromophenol
 Concen: 4.540 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108769.D
 Acq: 5 Sep 2018 6:29

Instrument :
 BNA_F
 ClientSampleId :
 AOC2-04-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	114.3	77.0	115.6
141	31.1	29.9	44.9

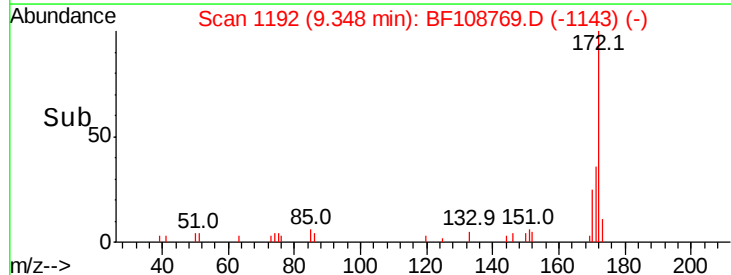
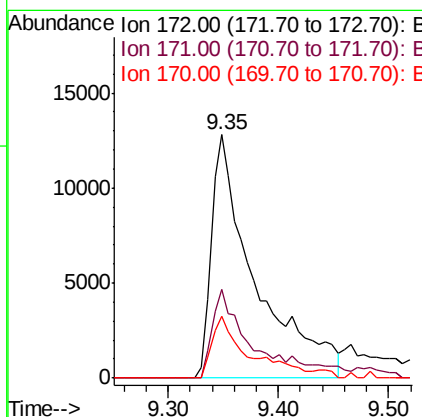
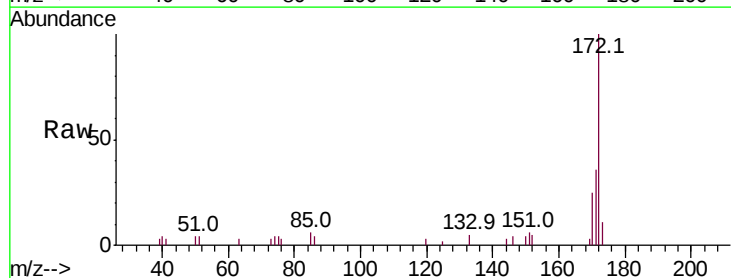
Manual Integrations
 APPROVED

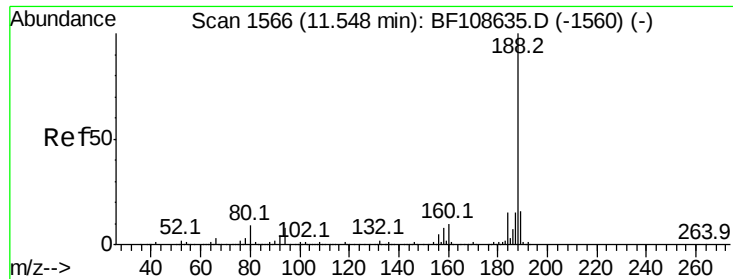
Sohil
 9/5/2018 12:48:12 PM



#44
 2-Fluorobiphenyl
 Concen: 4.286 ng
 RT: 9.35 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF108769.D
 Acq: 5 Sep 2018 6:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	25.4	19.6	29.4





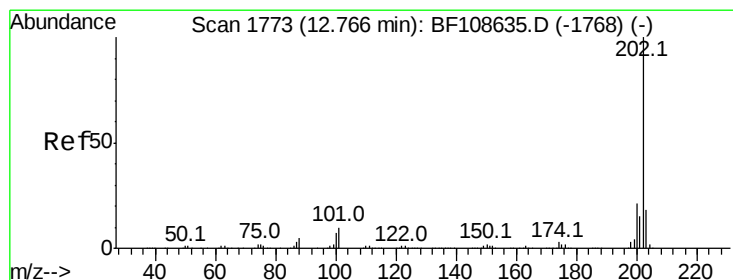
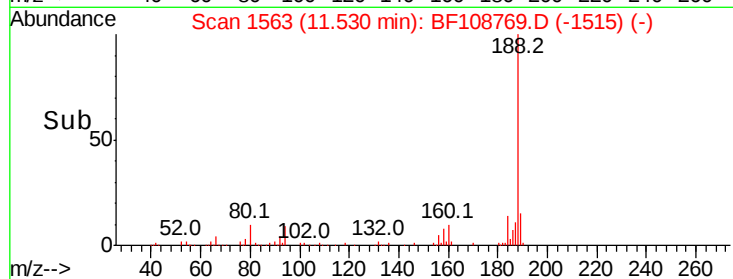
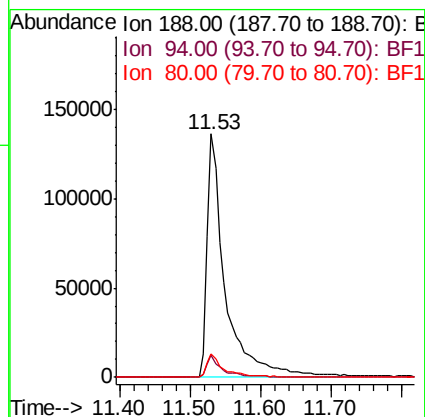
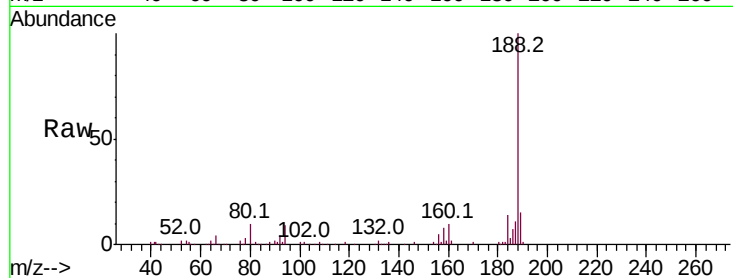
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Instrument :
BNA_F
ClientSampleId :
AOC2-04-B

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.7	9.2	13.8

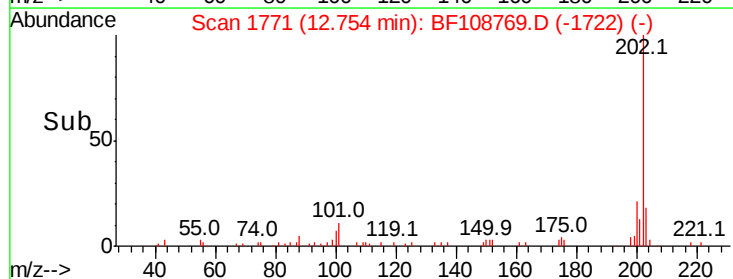
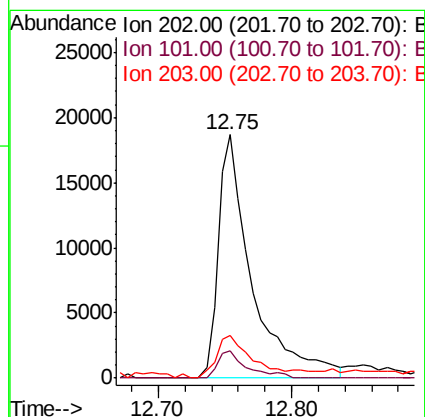
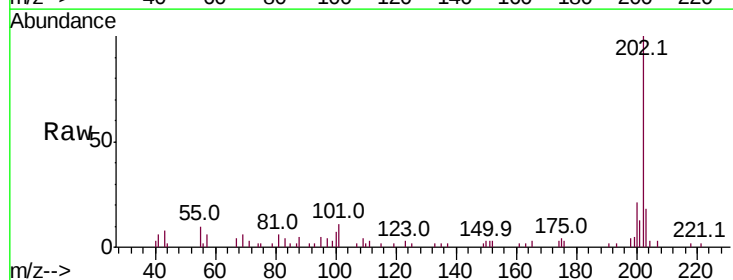
Manual Integrations
APPROVED

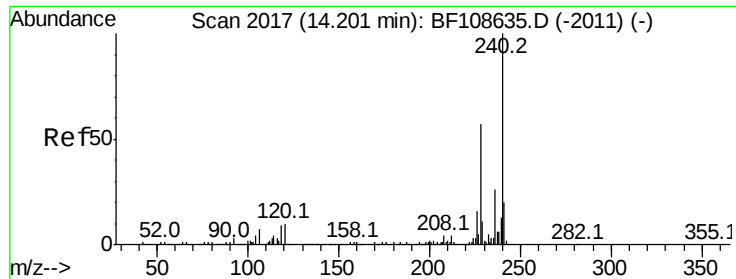
Sohil
9/5/2018 12:48:12 PM



#74
Fluoranthene
Concen: 2.375 ng
RT: 12.75 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	0.0	34.1
203	17.7	0.0	38.1





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108769.D

Acq: 5 Sep 2018 6:29

Instrument :

BNA_F

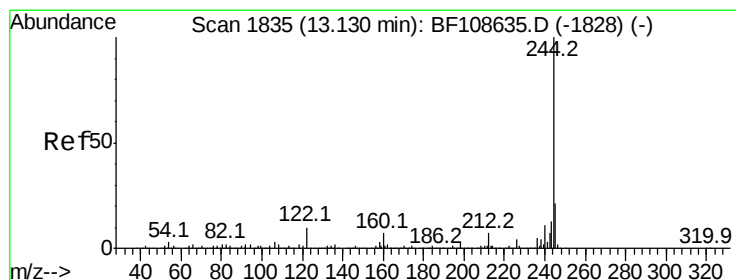
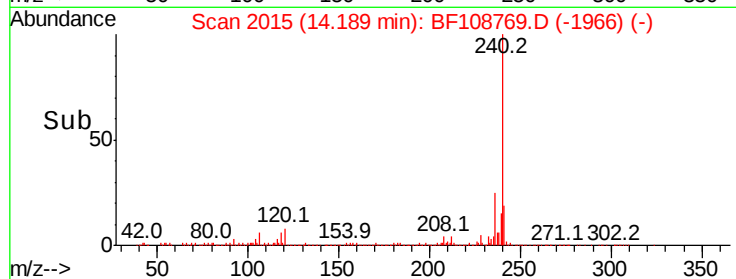
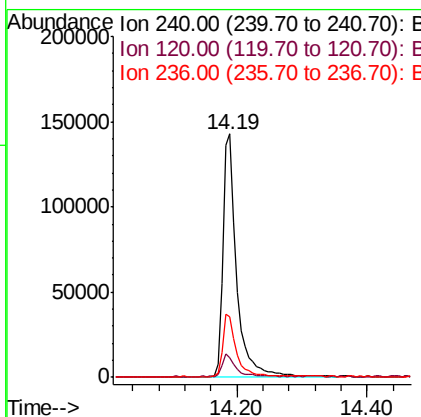
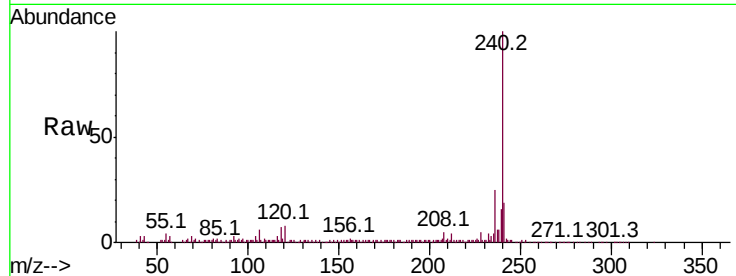
ClientSampleId :

AOC2-04-B

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	8.2	9.5	14.3#
236	25.1	20.7	31.1

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:12 PM



#78

Terphenyl-d14

Concen: 5.108 ng

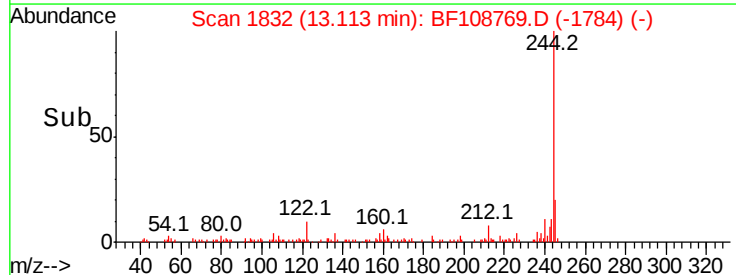
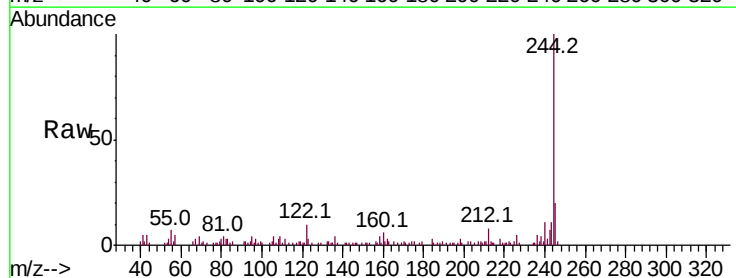
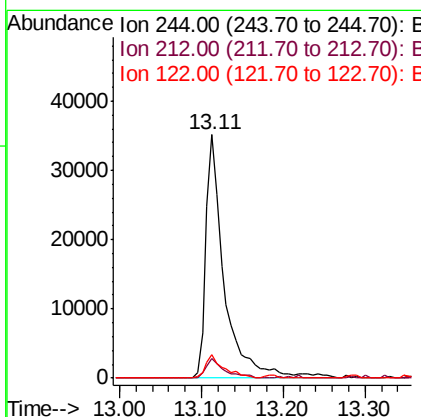
RT: 13.11 min Scan# 1832

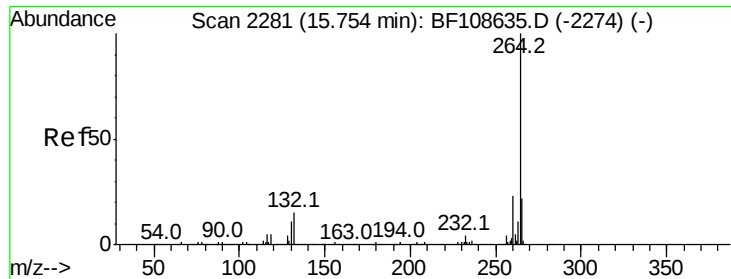
Delta R.T. -0.02 min

Lab File: BF108769.D

Acq: 5 Sep 2018 6:29

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.3	5.4	8.0#
122	9.9	11.0	16.4#





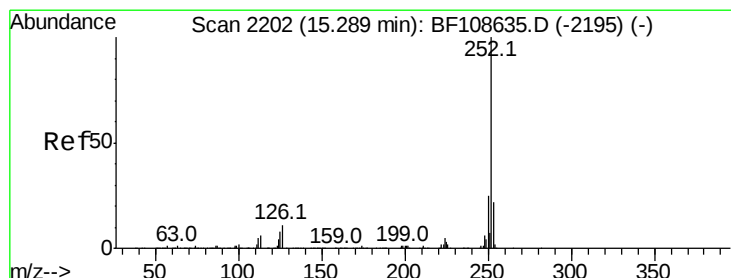
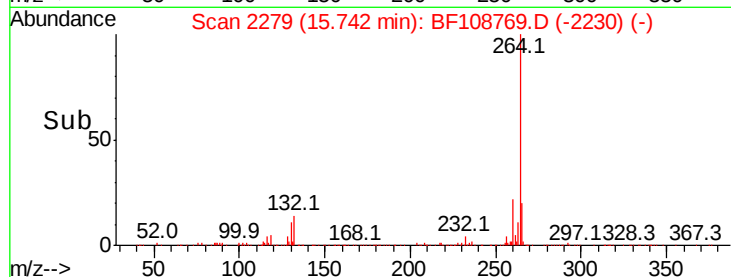
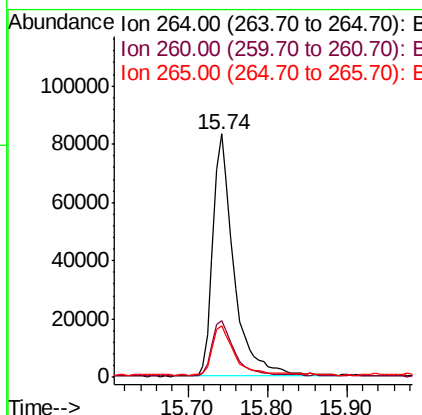
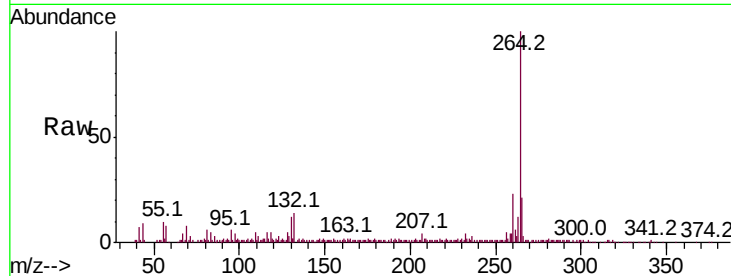
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Instrument :
BNA_F
ClientSampled :
AOC2-04-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.1	17.5	26.3

Manual Integrations
APPROVED

Sohil
9/5/2018 12:48:12 PM



#87
Benzo(b)fluoranthene
Concen: 2.010 ng m
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.0	25.6#
125	22.3	9.0	13.6#

