

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
 Data File : BF107915.D
 Acq On : 2 Aug 2018 17:55
 Operator : JU/SJ
 Sample : J4278-05 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-080118-C

Manual Integrations
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Sohil
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Quant Time: Aug 03 02:01:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	116743	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	530855	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	206431	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	377036	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	389550	20.00	ng	-0.01
86) Perylene-d12	15.68	264	328607	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	36938m	5.38	ng	0.12
7) Phenol-d6	6.65	99	64575m	7.13	ng	0.05
23) Nitrobenzene-d5	7.56	82	37813	4.10	ng	0.02
41) 2,4,6-Tribromophenol	10.80	330	20969	7.48	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	115673	7.81	ng	-0.01
78) Terphenyl-d14	13.07	244	113102	6.30	ng	-0.01
Target Compounds						
74) Fluoranthene	12.71	202	43291	2.058	ng	Qvalue 86

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

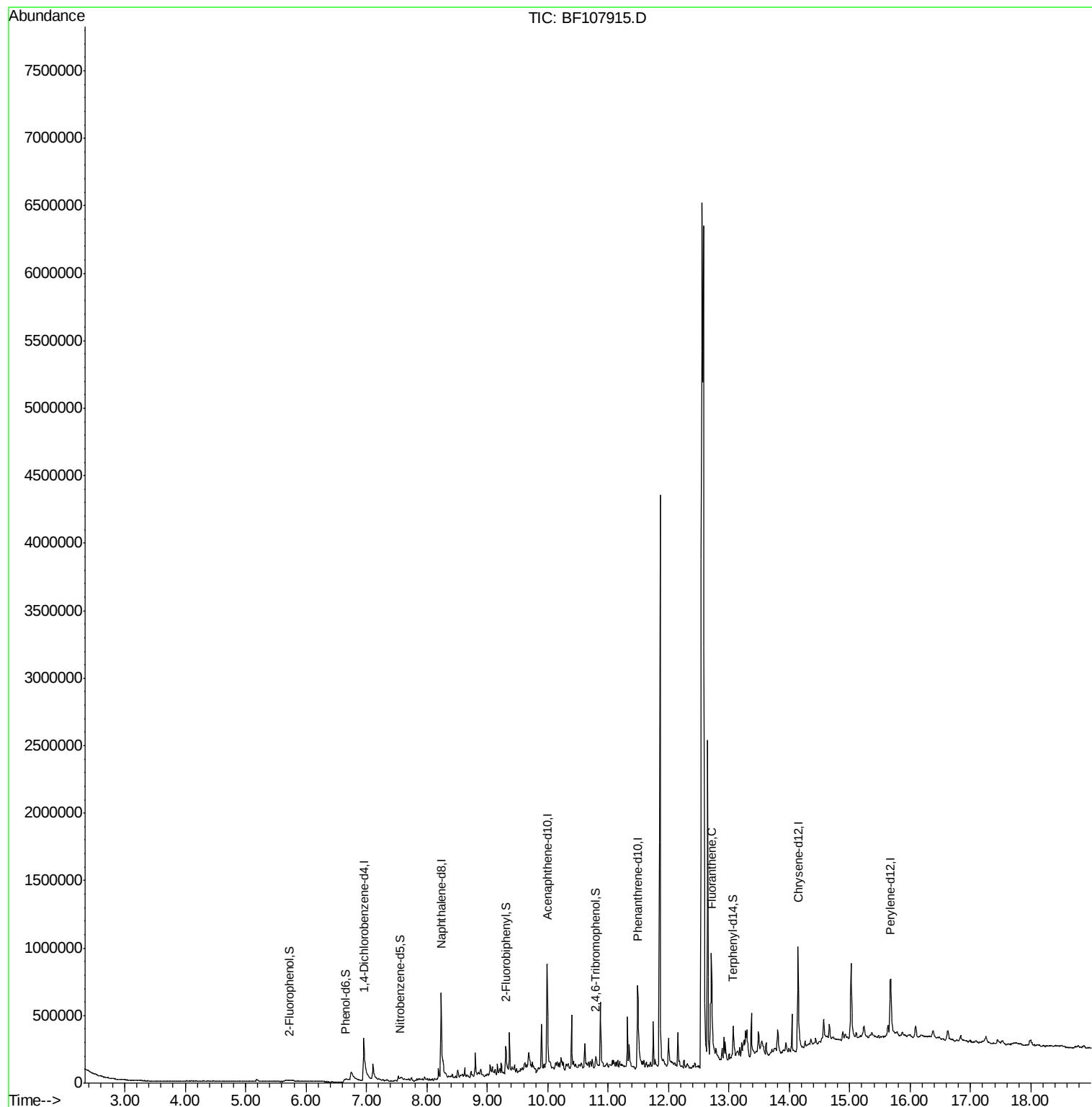
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107915.D
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ALS Vial : 11 Sample Multiplier: 1

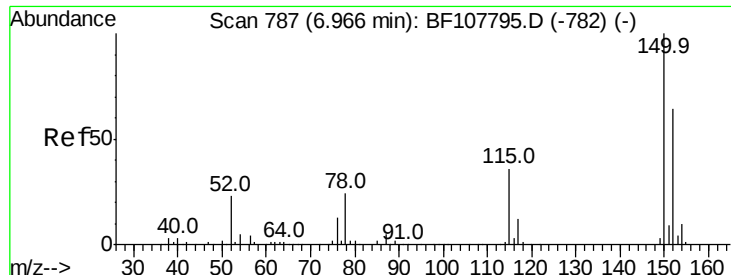
Instrument :
BNA_F
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EO-03-080118-C

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
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#1

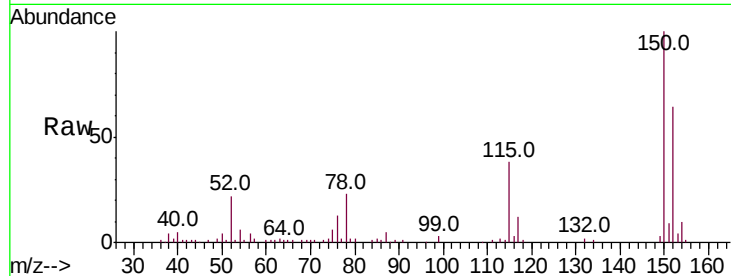
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107915.D
Acq: 2 Aug 2018 17:55

Instrument :
BNA_F
ClientSampleId :
EO-03-080118-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	59.3	50.1	75.1

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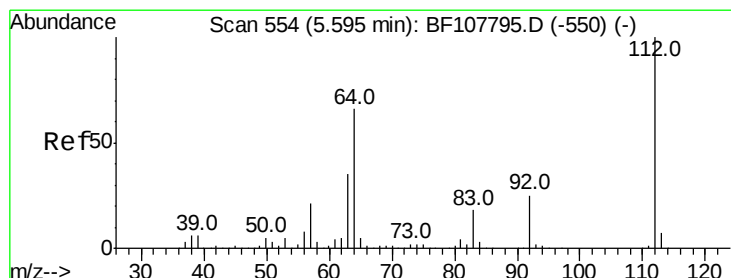
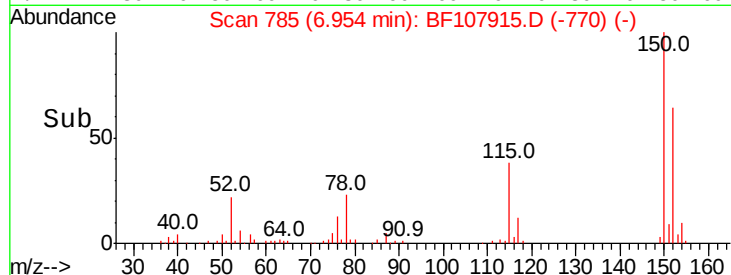
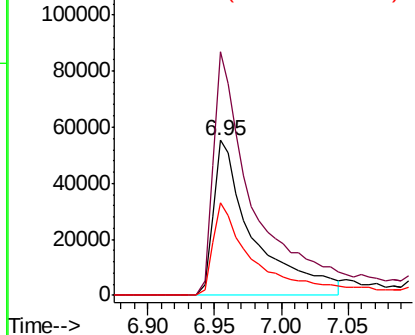


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

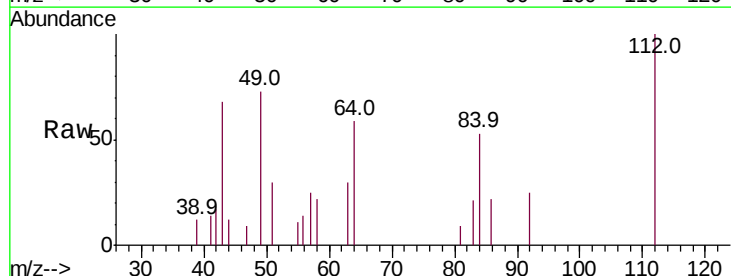
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 5.377 ng m
RT: 5.72 min Scan# 575
Delta R.T. 0.12 min
Lab File: BF107915.D
Acq: 2 Aug 2018 17:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	30.4	23.7	35.5

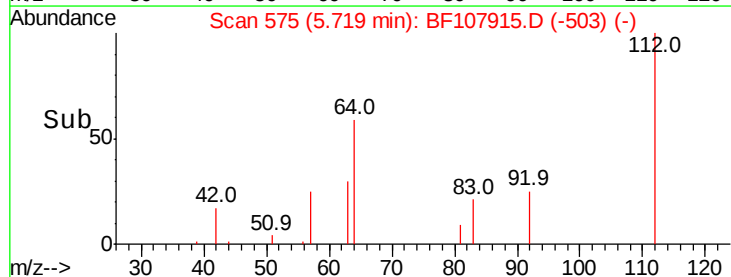
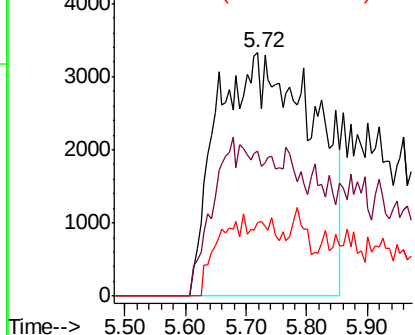


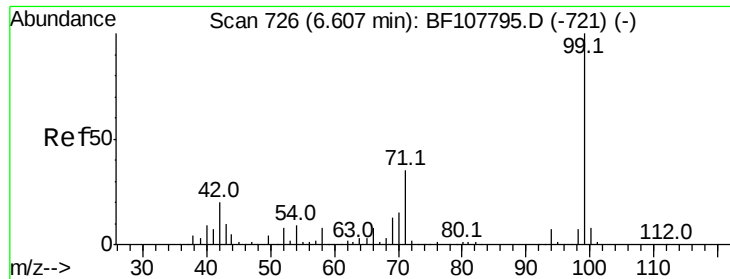
Abundance

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

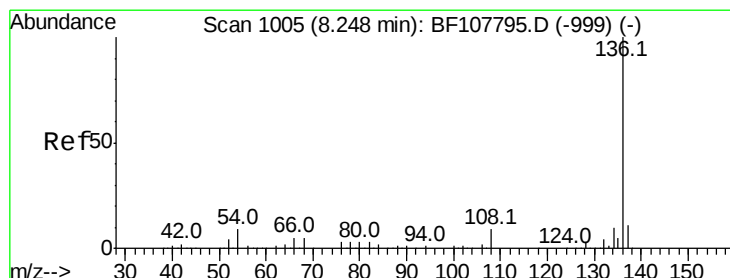
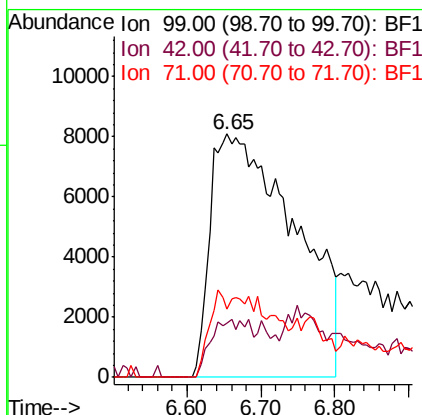
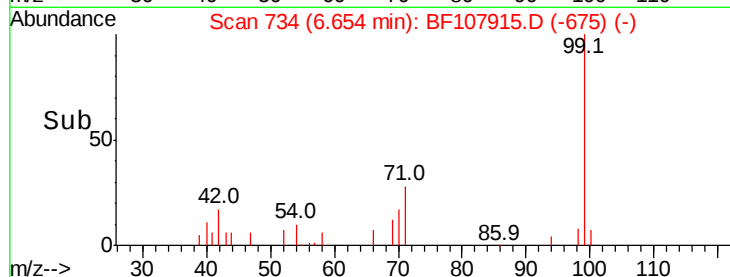
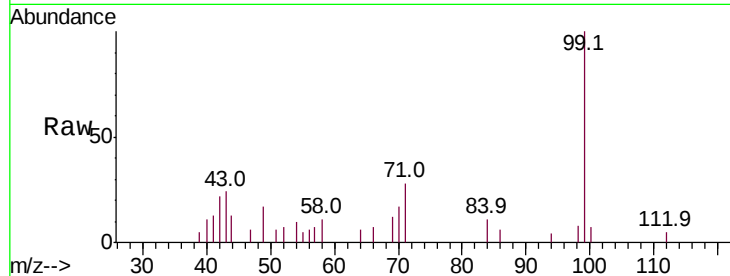
Concen: 7.133 ng/ml
 RT: 6.65 min Scan# 734
 Delta R.T. 0.05 min
 Lab File: BF107915.D
 Acq: 2 Aug 2018 17:55

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-080118-C

Tot Ion	Ratio	Lower	Upper
99	100		
42	22.3	14.5	21.7#
71	27.8	25.4	38.0

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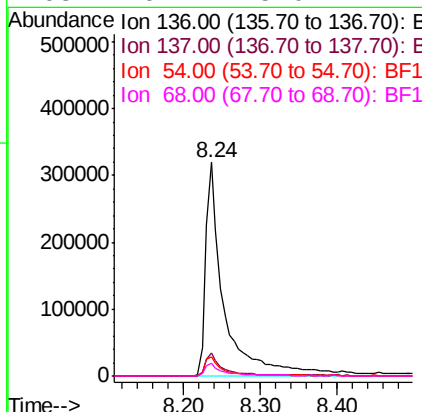
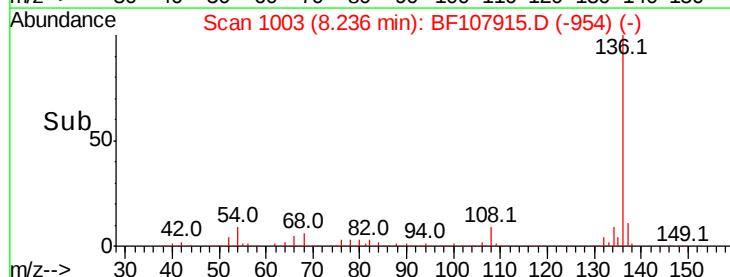
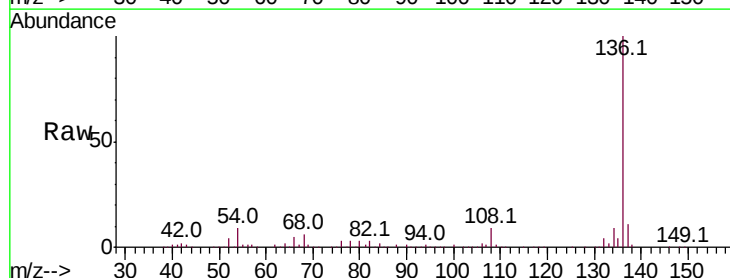


#21

Naphthalene-d8

Concen: 20.000 ng
 RT: 8.24 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF107915.D
 Acq: 2 Aug 2018 17:55

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.8	6.6	9.8
68	6.1	5.0	7.4





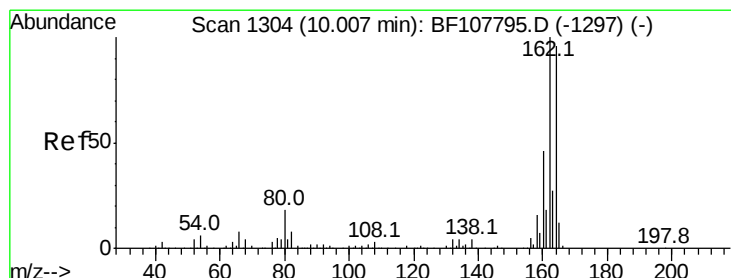
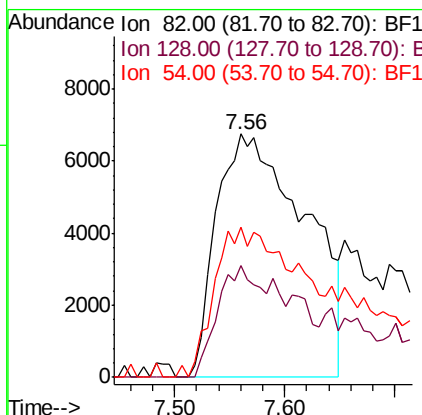
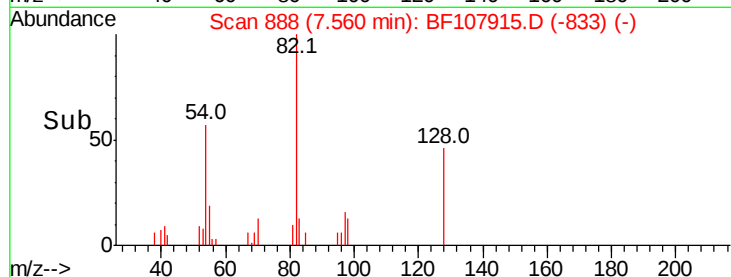
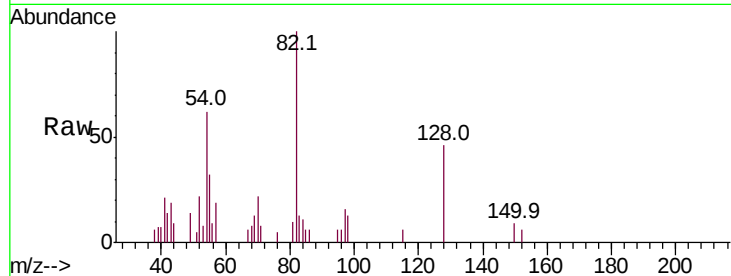
#23
 Nitrobenzene-d5
 Concen: 4.104 ng
 RT: 7.56 min Scan# 888
 Delta R.T. 0.02 min
 Lab File: BF107915.D
 Acq: 2 Aug 2018 17:55

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-080118-C

Tot Ion:	82	Resp:	37813
Ion Ratio	Lower	Upper	
82	100		
128	46.2	36.1	54.1
54	61.9	41.4	62.2

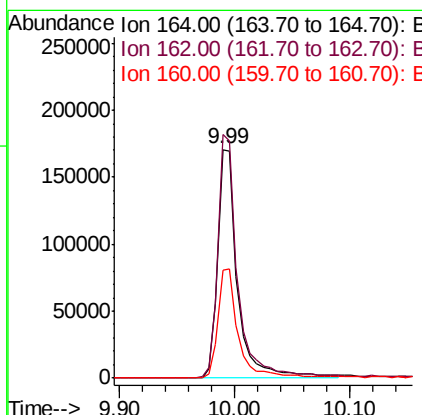
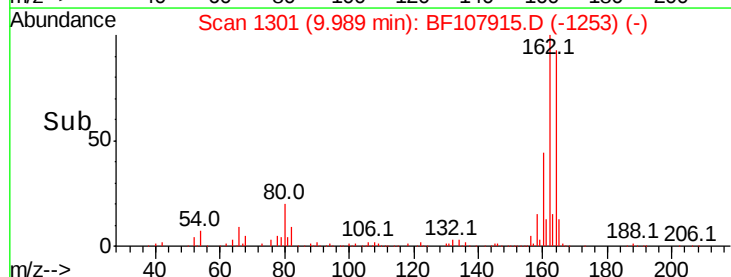
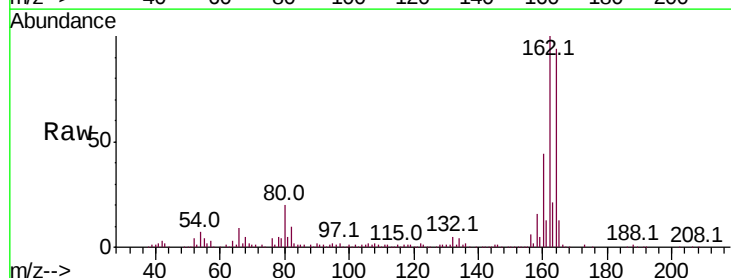
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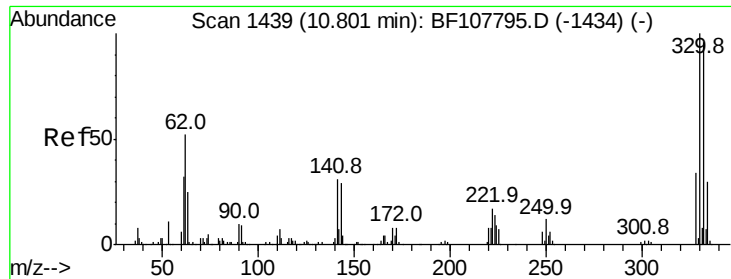
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107915.D
 Acq: 2 Aug 2018 17:55

Tgt Ion:	164	Resp:	206431
Ion Ratio	Lower	Upper	
164	100		
162	106.6	86.1	129.1
160	47.2	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 7.476 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107915.D

Acq: 2 Aug 2018 17:55

Instrument :

BNA_F

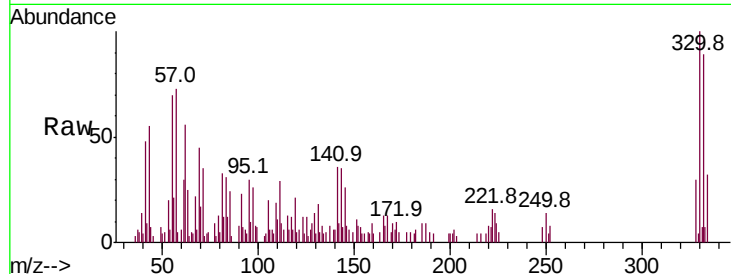
ClientSampleId :

EO-03-080118-C

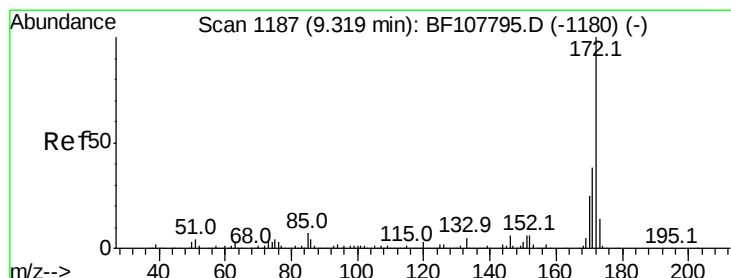
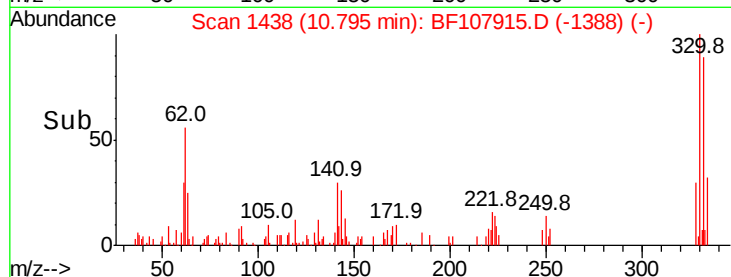
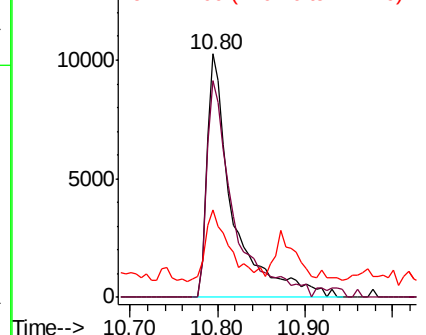
Tot Ion:	330	Resp:	20969
Ion Ratio	Lower	Upper	
330	100		
332	92.6	77.0	115.6
141	26.6	29.9	44.9#

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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: 7.808 ng

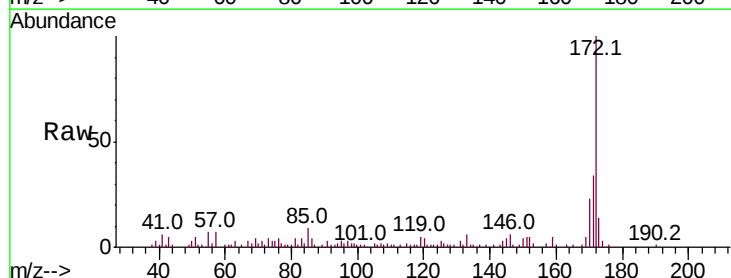
RT: 9.31 min Scan# 1185

Delta R.T. -0.01 min

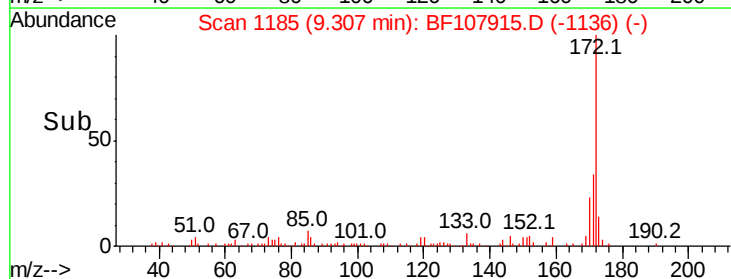
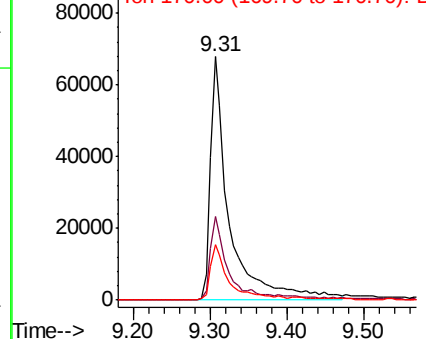
Lab File: BF107915.D

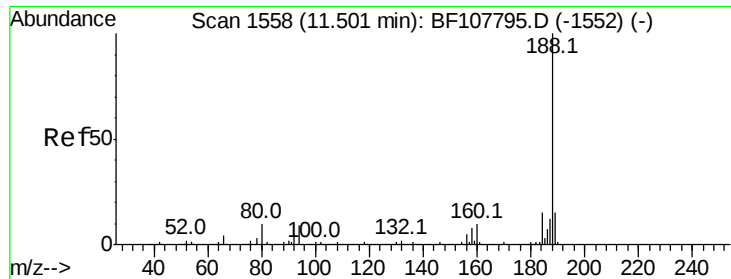
Acq: 2 Aug 2018 17:55

Tgt Ion:	172	Resp:	115673
Ion Ratio	Lower	Upper	
172	100		
171	34.1	29.7	44.5
170	22.6	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





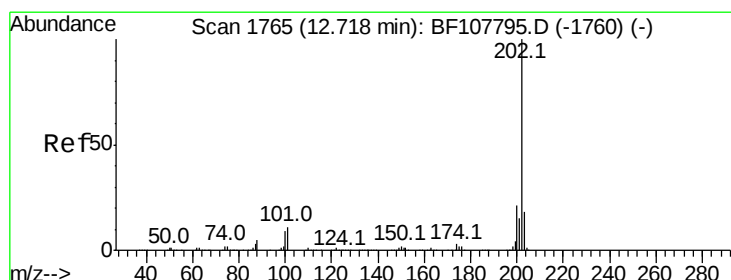
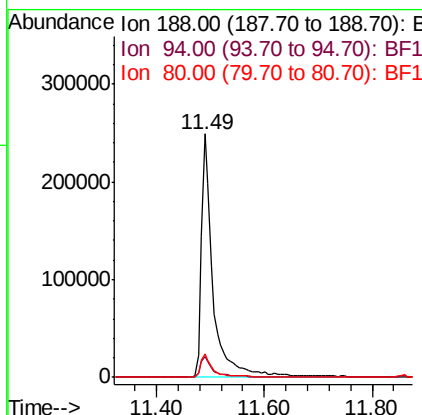
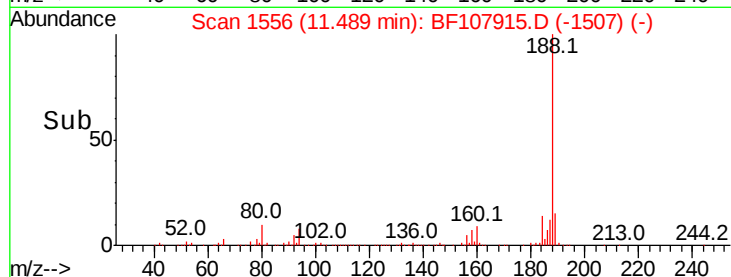
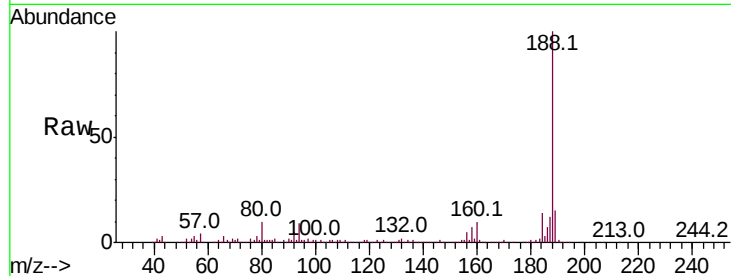
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107915.D
Acq: 2 Aug 2018 17:55

Instrument :
BNA_F
ClientSampleId :
EO-03-080118-C

Tot Ion	Ratio	Resp	Lower	Upper
188	100	377036		
94	8.6		8.5	12.7
80	9.7		9.2	13.8

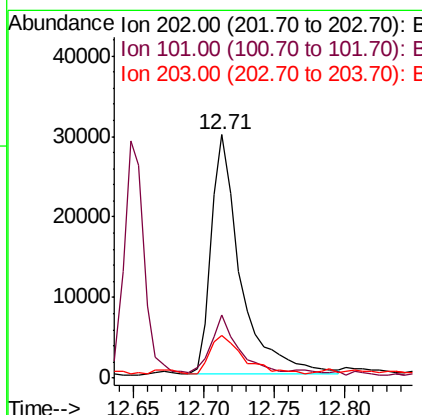
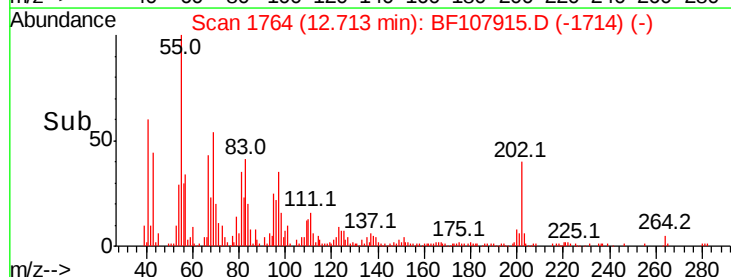
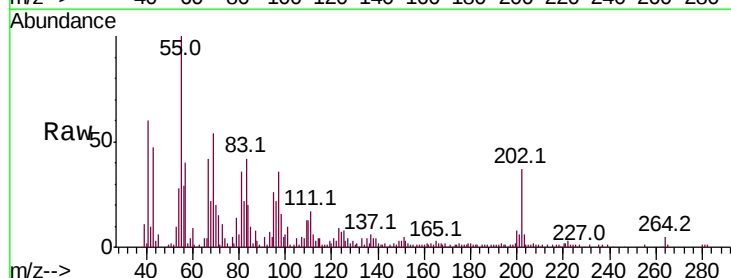
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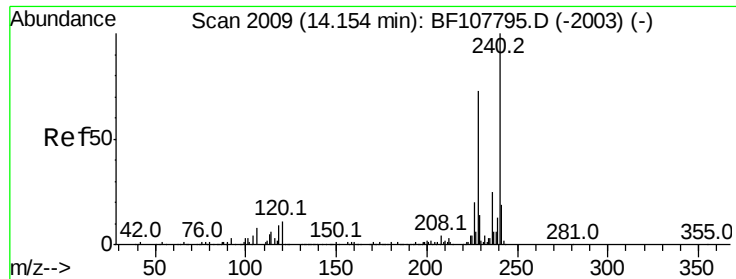
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#74
Fluoranthene
Concen: 2.058 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107915.D
Acq: 2 Aug 2018 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	43291		
101	25.8		0.0	34.1
203	17.3		0.0	38.1





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF107915.D

Acq: 2 Aug 2018 17:55

Instrument :

BNA_F

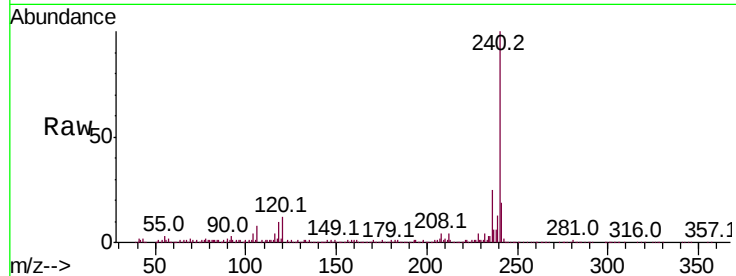
ClientSampleId :

EO-03-080118-C

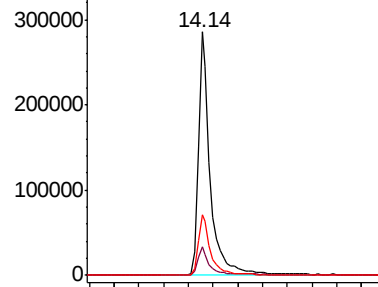
Tot Ion:	240	Resp:	389550
Ion Ratio	Lower	Upper	
240	100		
120	11.9	9.5	14.3
236	24.8	20.7	31.1

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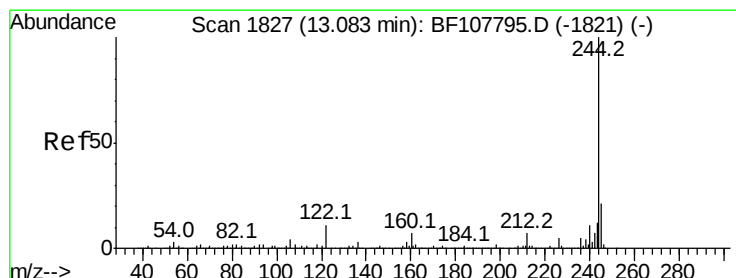
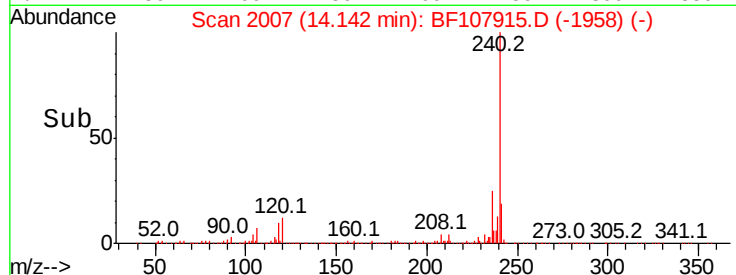
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 6.296 ng

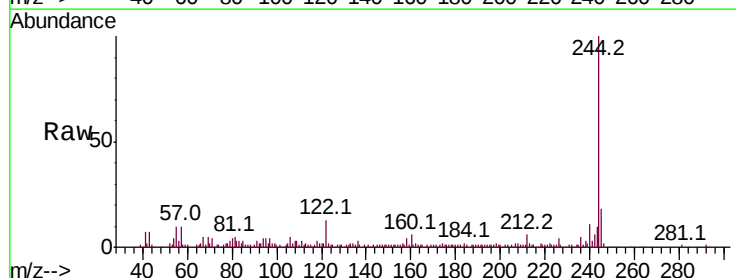
RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

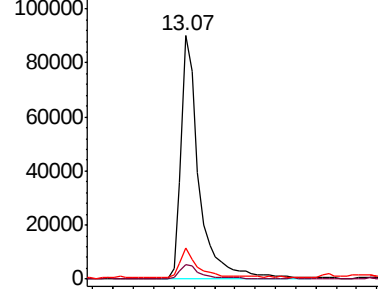
Lab File: BF107915.D

Acq: 2 Aug 2018 17:55

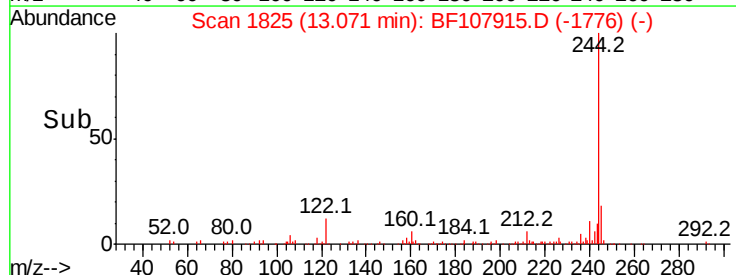
Tgt Ion:	244	Resp:	113102
Ion Ratio	Lower	Upper	
244	100		
212	5.9	5.4	8.0
122	12.5	11.0	16.4

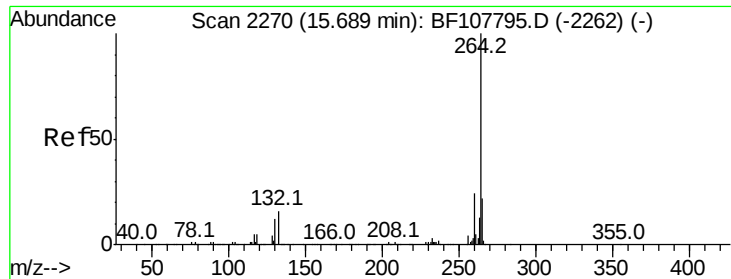


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





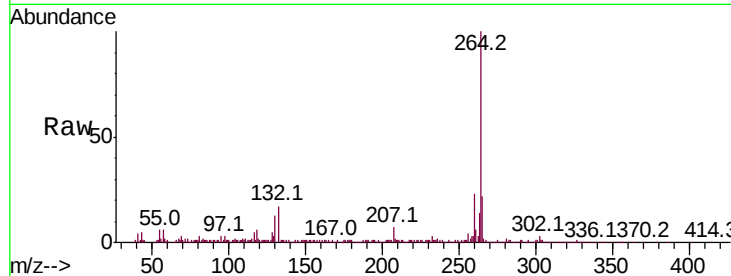
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF107915.D
 Acq: 2 Aug 2018 17:55

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-080118-C

Tot Ion:	264	Resp:	328607
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	21.6	17.5	26.3

Manual Integrations
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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

