

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108770.D
 Acq On : 5 Sep 2018 6:56
 Operator : JU/SJ
 Sample : J4741-08 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC2-04-D

Manual Integrations
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Quant Time: Sep 05 08:41:22 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	49101	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	252588	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	127569	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	270258	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	177381	20.00	ng	-0.01
86) Perylene-d12	15.74	264	134567	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	108	0.04	ng	0.12
7) Phenol-d6	6.80	99	15242m	3.77	ng	0.15
23) Nitrobenzene-d5	7.66	82	12486m	2.51	ng	0.09
41) 2,4,6-Tribromophenol	10.84	330	5251	3.12	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	27133	2.86	ng	-0.01
78) Terphenyl-d14	13.11	244	42827	4.69	ng	-0.02

Target Compounds Qvalue

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

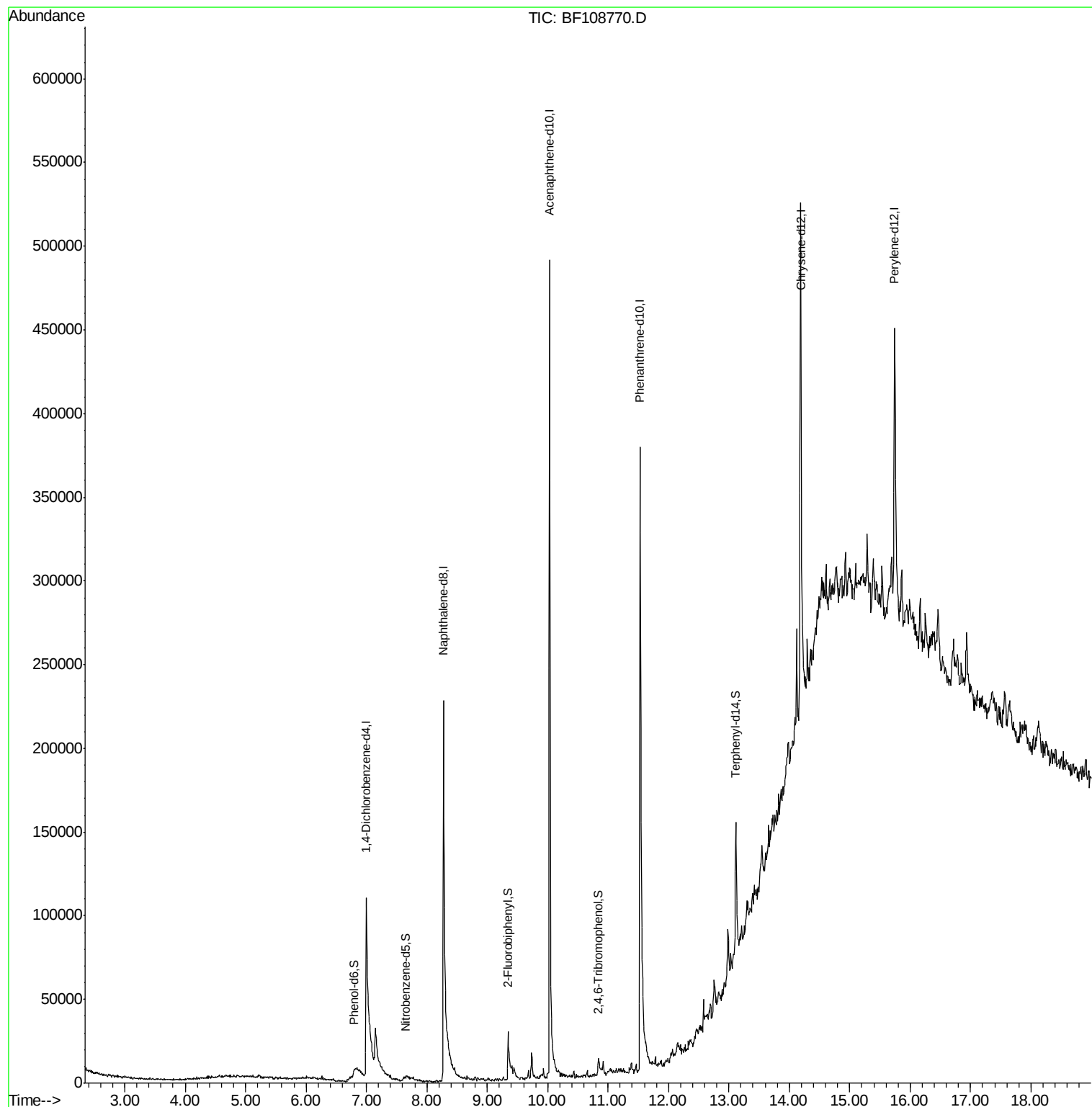
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108770.D
Acq On : 5 Sep 2018 6:56
Operator : JU/SJ
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#1

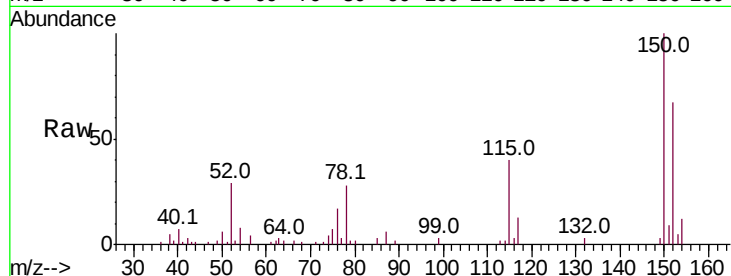
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108770.D
Acq: 5 Sep 2018 6:56

Instrument :
BNA_F
ClientSampleId :
AOC2-04-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	124.6	186.8
115	59.9	50.1	75.1

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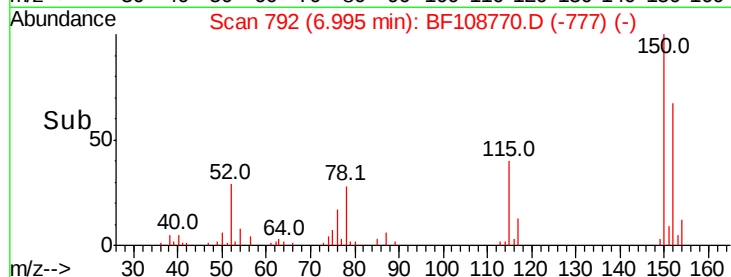
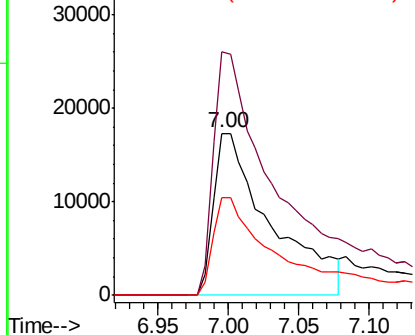


Abundance

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: 0.038 ng
RT: 5.77 min Scan# 584
Delta R.T. 0.12 min
Lab File: BF108770.D
Acq: 5 Sep 2018 6:56

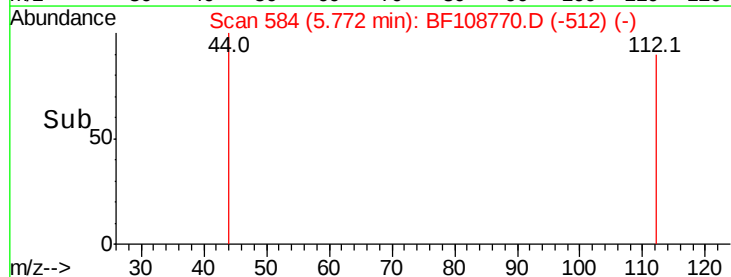
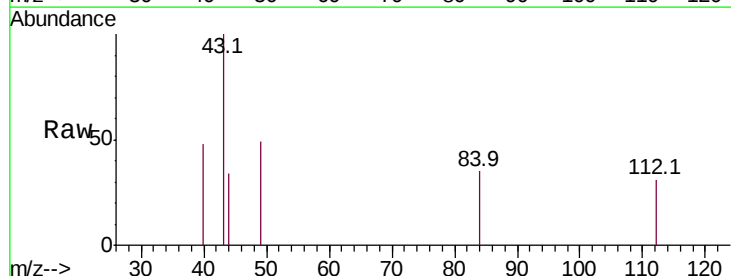
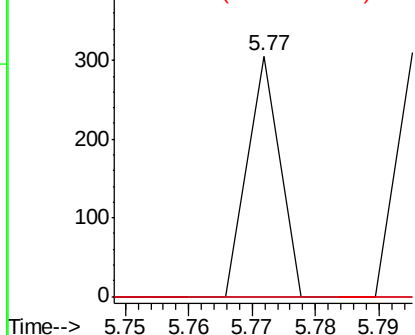
Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	47.9	71.9#
63	0.0	23.7	35.5#

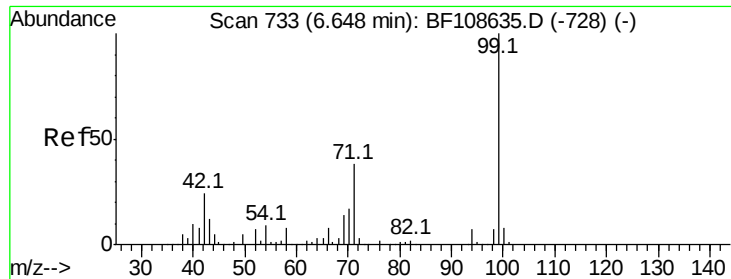
Abundance

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

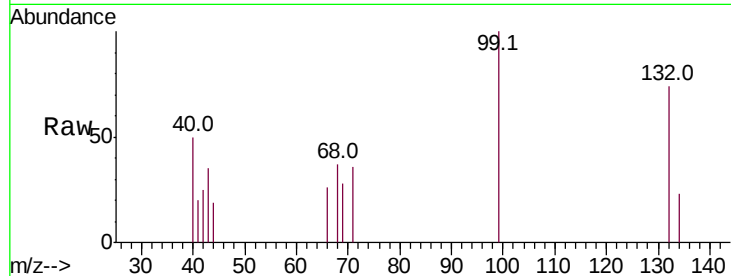
Concen: 3.765 ng/ml
 RT: 6.80 min Scan# 759
 Delta R.T. 0.15 min
 Lab File: BF108770.D
 Acq: 5 Sep 2018 6:56

Instrument :
 BNA_F
 ClientSampleID :
 AOC2-04-D

Tot Ion	Ion	Ratio	Lower	Upper
99	100			
42	24.8	14.5	21.7#	
71	35.7	25.4	38.0	

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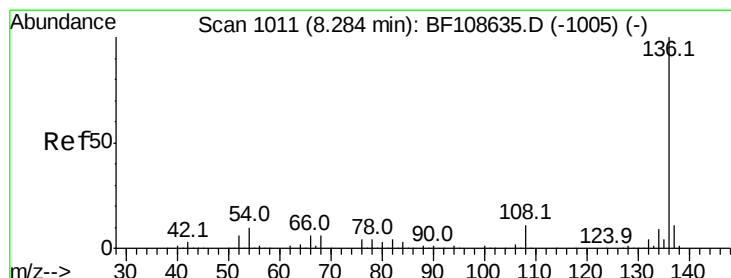
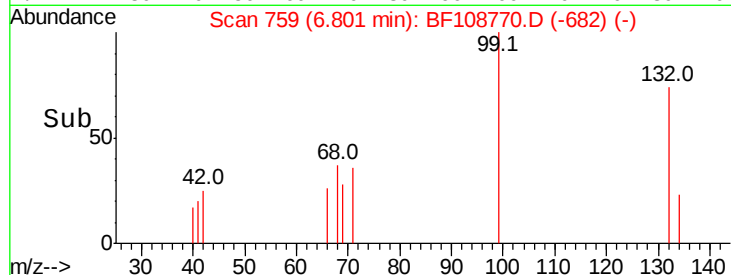
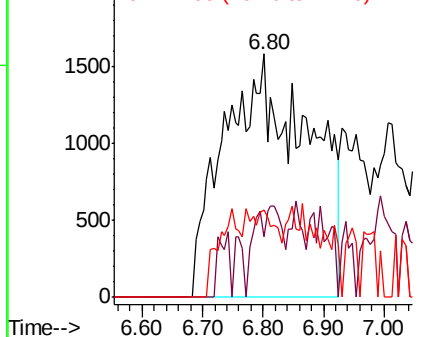


Abundance

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: 8.28 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF108770.D
 Acq: 5 Sep 2018 6:56

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	8.8	6.6	9.8	
68	5.5	5.0	7.4	

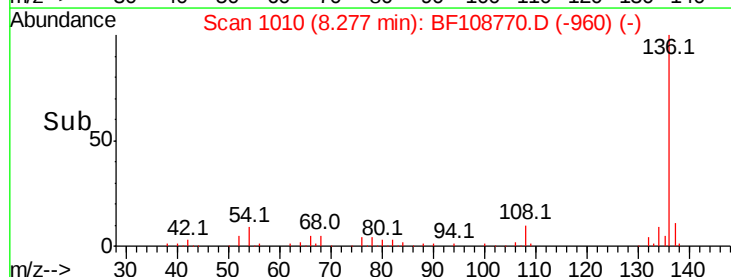
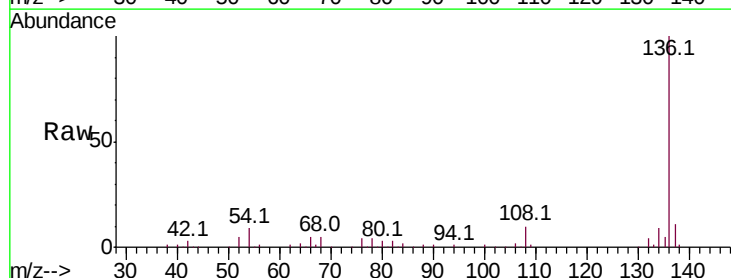
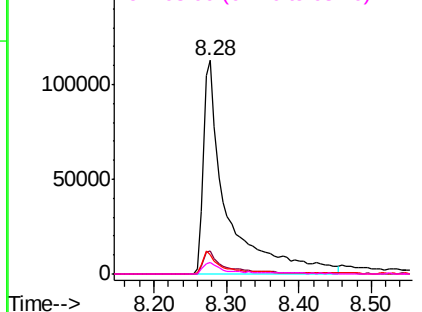
Abundance

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





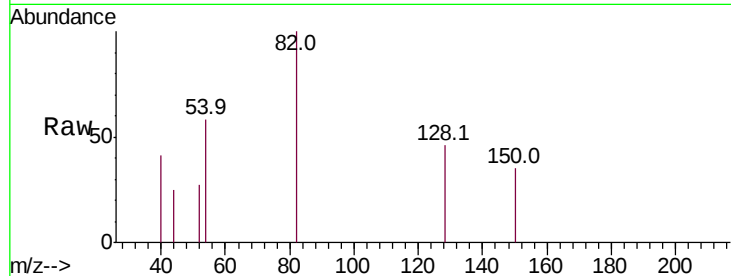
#23
Nitrobenzene-d5
Concen: 2.509 ng m
RT: 7.66 min Scan# 905
Delta R.T. 0.09 min
Lab File: BF108770.D
Acq: 5 Sep 2018 6:56

Instrument :
BNA_F
ClientSampled :
AOC2-04-D

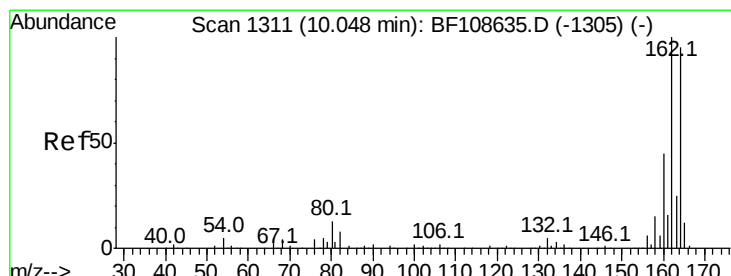
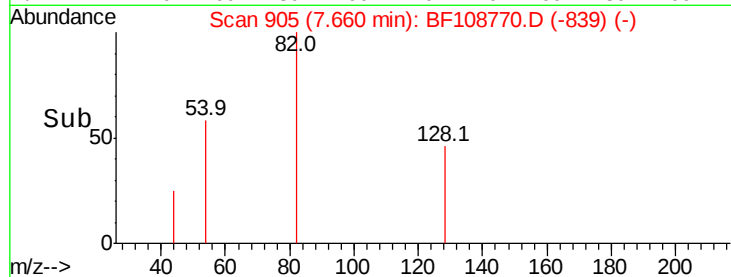
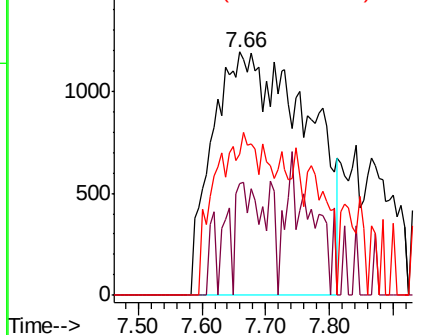
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	58.1	41.4	62.2

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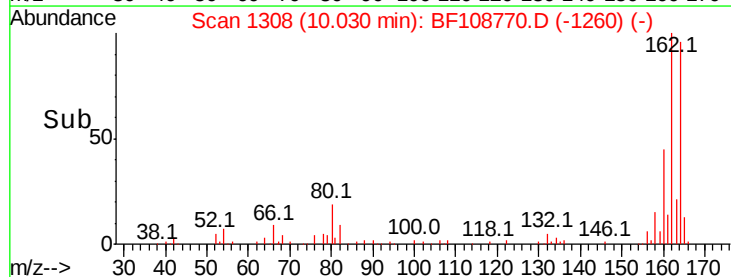
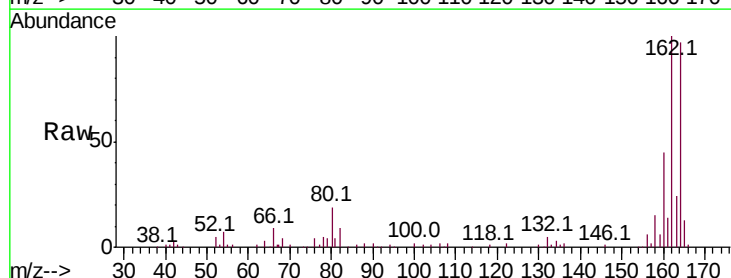
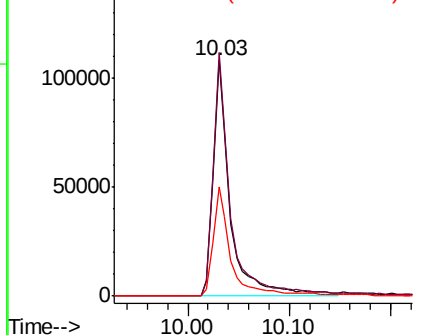
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF108770.D
Acq: 5 Sep 2018 6:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.5	38.3	57.5

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





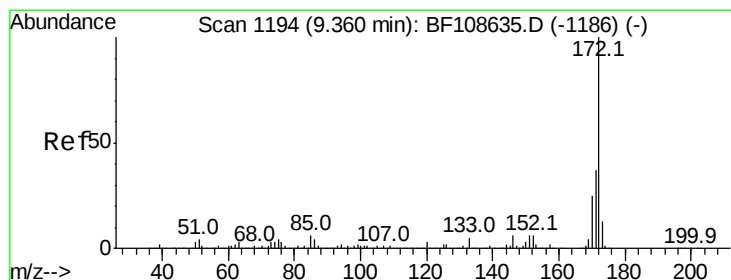
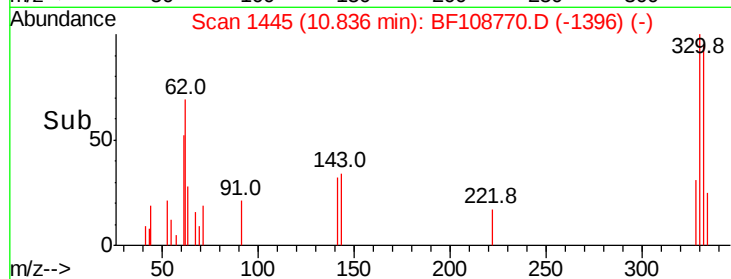
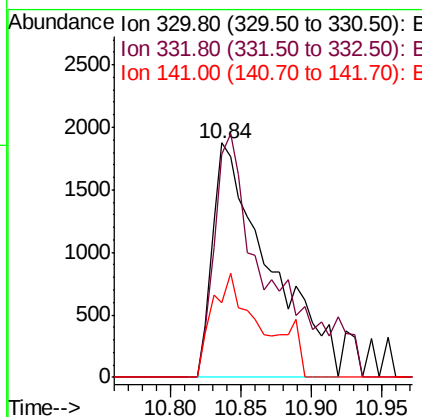
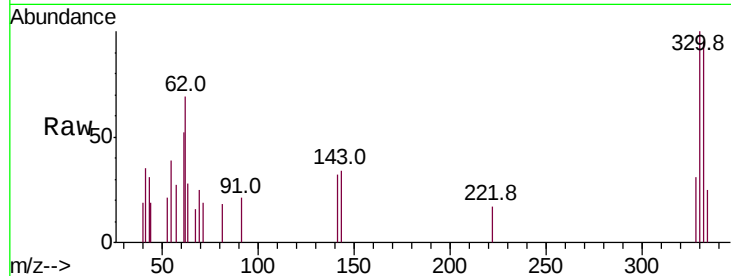
#41
 2,4,6-Tribromophenol
 Concen: 3.118 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108770.D
 Acq: 5 Sep 2018 6:56

Instrument :
 BNA_F
 ClientSampled :
 AOC2-04-D

Tot Ion	Ratio	Resp	Lower	Upper
330	100	5251		
332	93.6		77.0	115.6
141	31.4		29.9	44.9

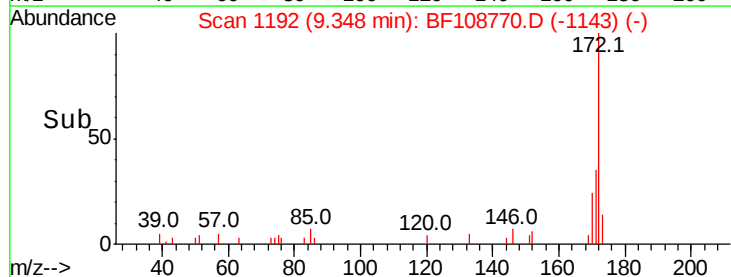
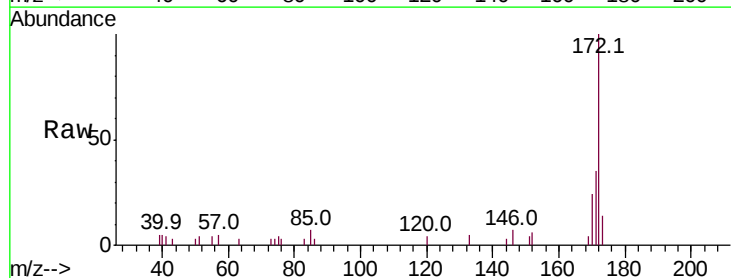
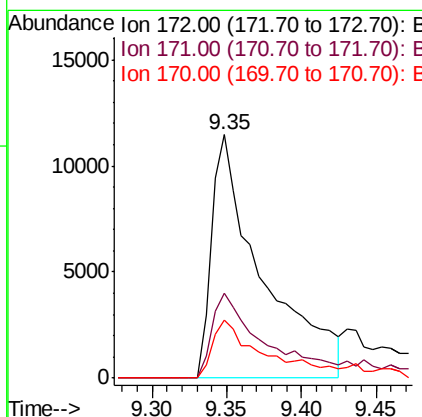
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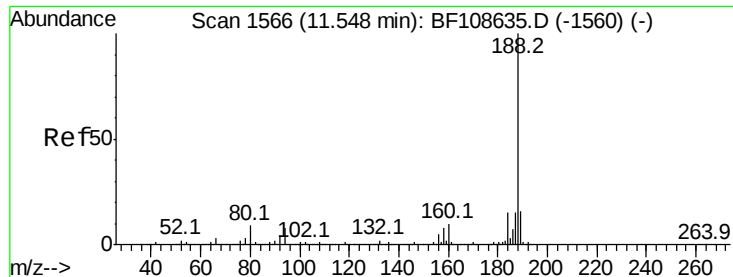
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#44
 2-Fluorobiphenyl
 Concen: 2.860 ng
 RT: 9.35 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF108770.D
 Acq: 5 Sep 2018 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	27133		
171	35.0		29.7	44.5
170	23.6		19.6	29.4





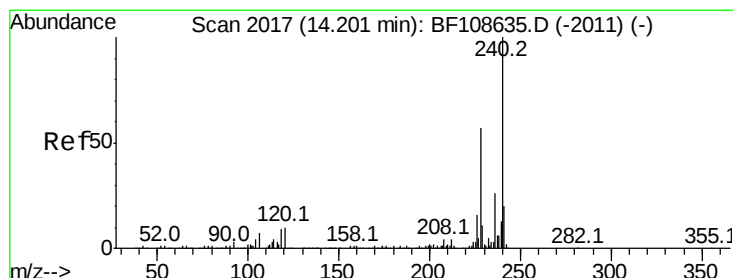
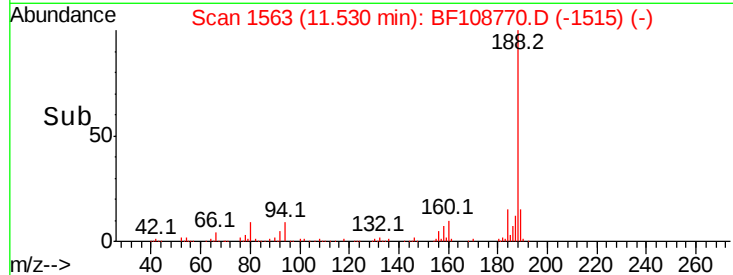
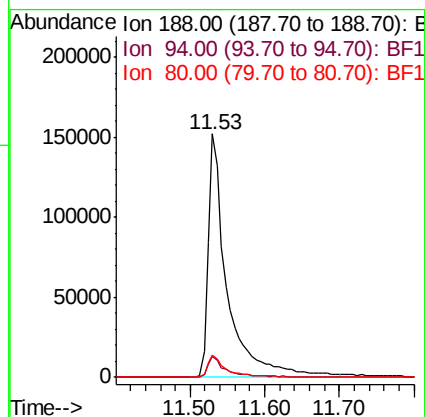
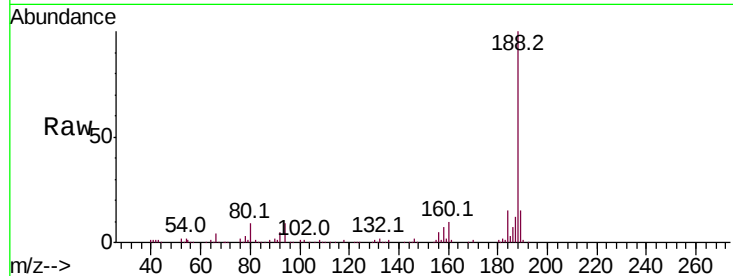
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108770.D
Acq: 5 Sep 2018 6:56

Instrument :
BNA_F
ClientSampleId :
AOC2-04-D

Tot Ion	Ratio	Resp	Lower	Upper
188	100	270258		
94	8.5		8.5	12.7
80	9.3		9.2	13.8

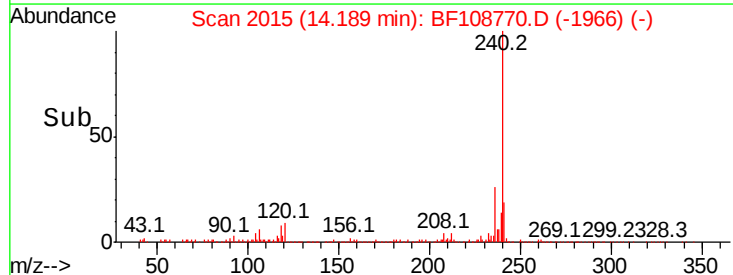
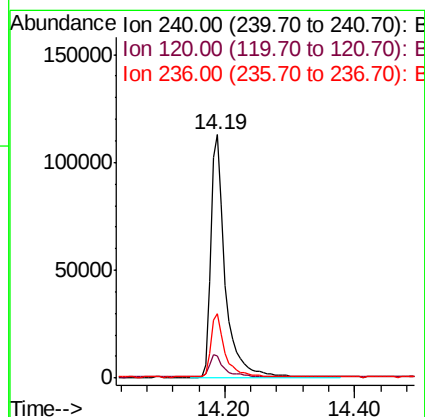
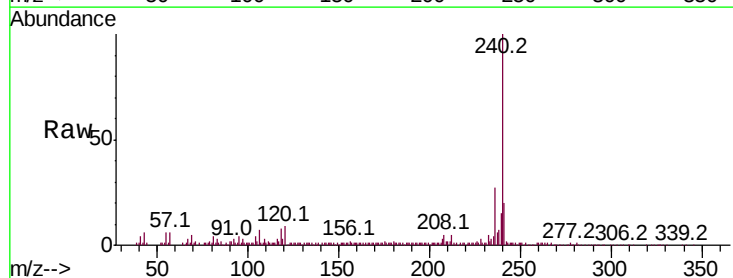
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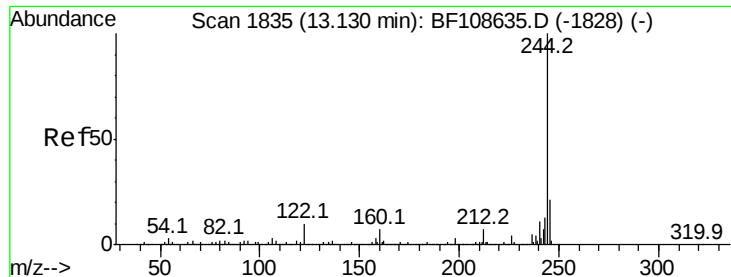
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108770.D
Acq: 5 Sep 2018 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	177381		
120	9.3		9.5	14.3#
236	26.7		20.7	31.1





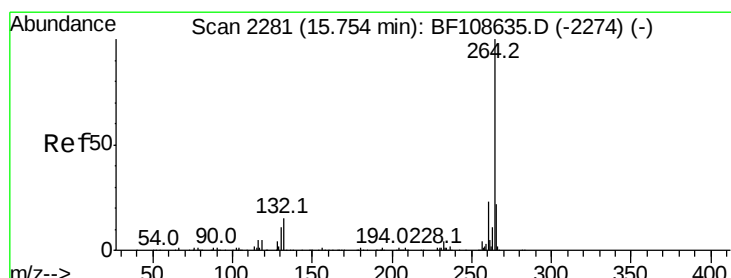
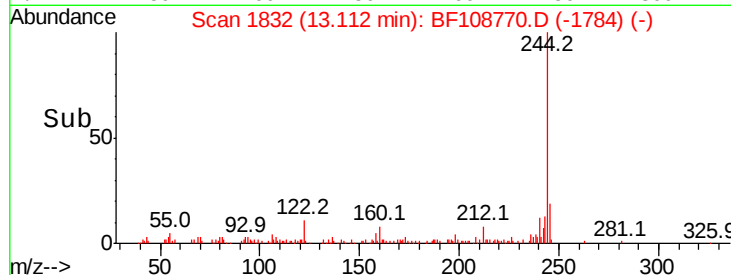
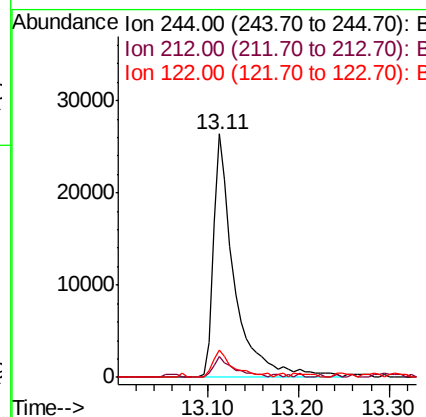
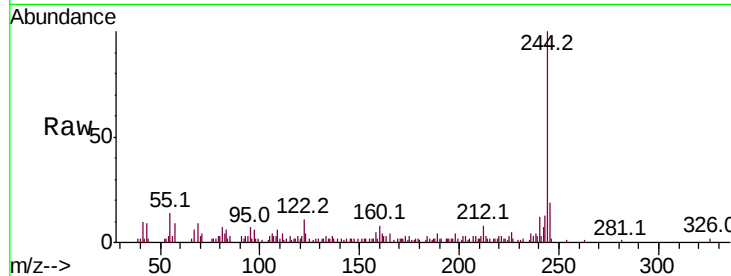
#78
 Terphenyl-d14
 Concen: 4.691 ng
 RT: 13.11 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BF108770.D
 Acq: 5 Sep 2018 6:56

Instrument :
 BNA_F
 ClientSampleId :
 AOC2-04-D

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.4	8.0#
122	11.3	11.0	16.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF108770.D
 Acq: 5 Sep 2018 6:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.1	17.5	26.3

