

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108771.D
 Acq On : 5 Sep 2018 7:22
 Operator : JU/SJ
 Sample : J4741-15 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC10-01-C

Manual Integrations
 APPROVED

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 9/5/2018 12:48:17 PM

Quant Time: Sep 05 08:42:49 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	51169	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	254297	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	133987	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	277274	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	171862	20.00	ng	-0.01
86) Perylene-d12	15.74	264	135916	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	109	0.04	ng	0.09
7) Phenol-d6	6.74	99	28020m	6.64	ng	0.09
23) Nitrobenzene-d5	7.65	82	14383m	2.87	ng	0.08
41) 2,4,6-Tribromophenol	10.84	330	6452	3.65	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	36614	3.67	ng	-0.01
78) Terphenyl-d14	13.11	244	48606	5.50	ng	-0.02

Target Compounds Qvalue

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

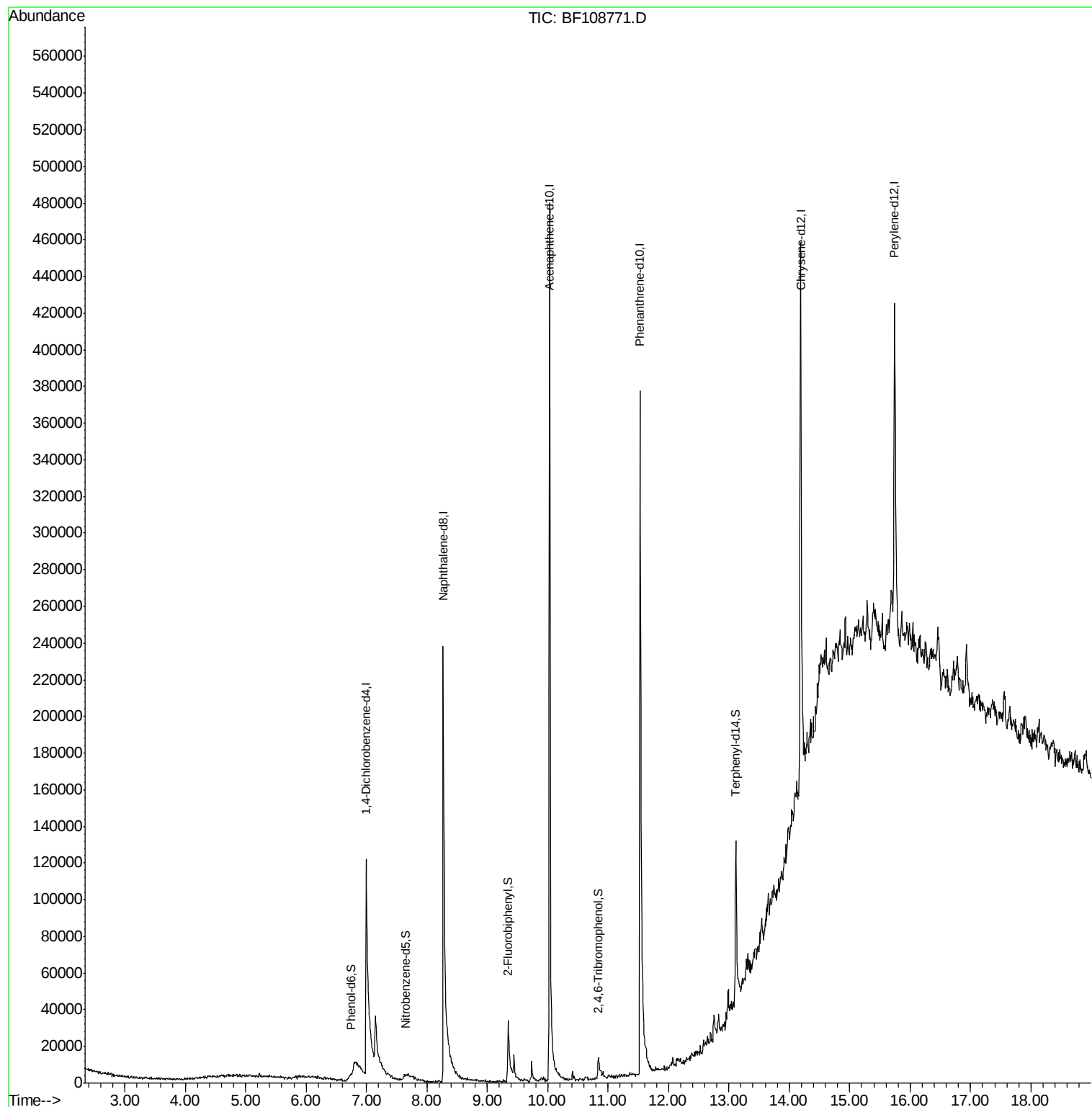
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
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#1

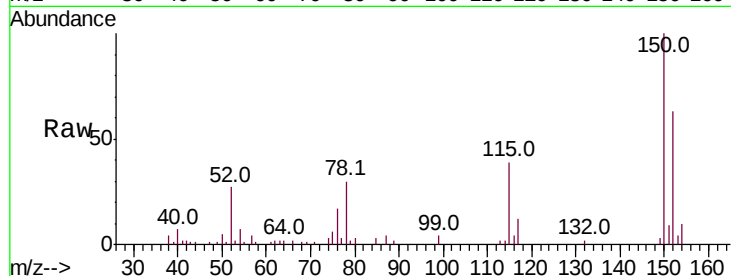
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108771.D
Acq: 5 Sep 2018 7:22

Instrument :
BNA_F
ClientSampleId :
AOC10-01-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	61.7	50.1	75.1

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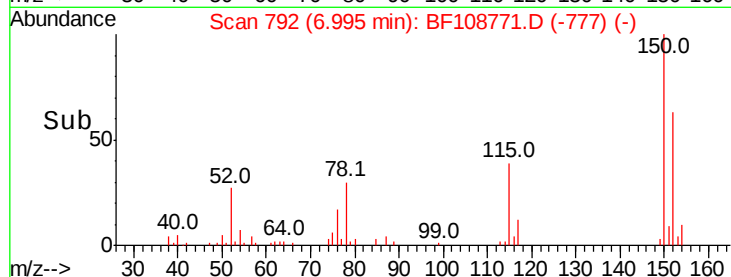
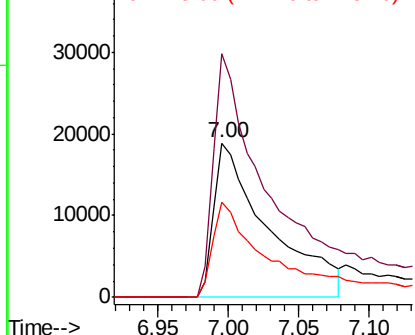


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

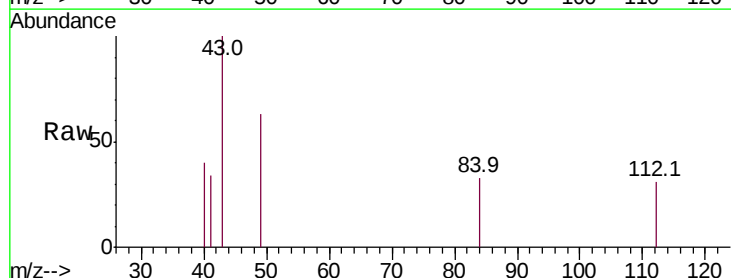
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.037 ng
RT: 5.74 min Scan# 578
Delta R.T. 0.09 min
Lab File: BF108771.D
Acq: 5 Sep 2018 7:22

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

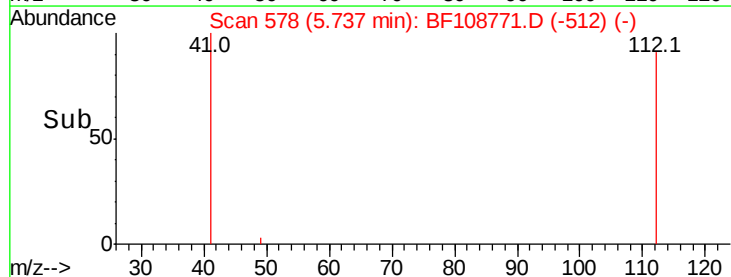
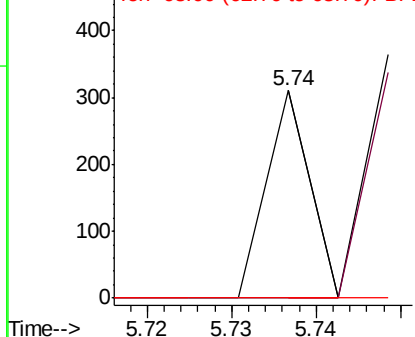


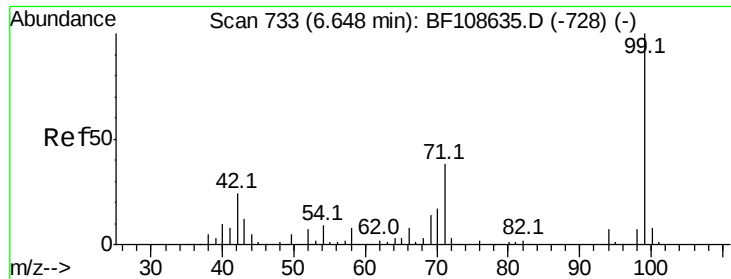
Abundance

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

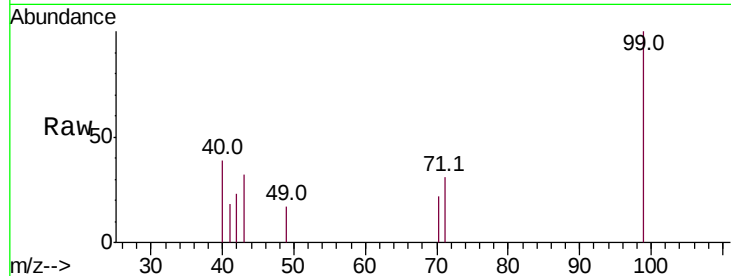
Concen: 6.642 ng/ml
 RT: 6.74 min Scan# 749
 Delta R.T. 0.09 min
 Lab File: BF108771.D
 Acq: 5 Sep 2018 7:22

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
99	100		
42	23.0	14.5	21.7#
71	30.7	25.4	38.0

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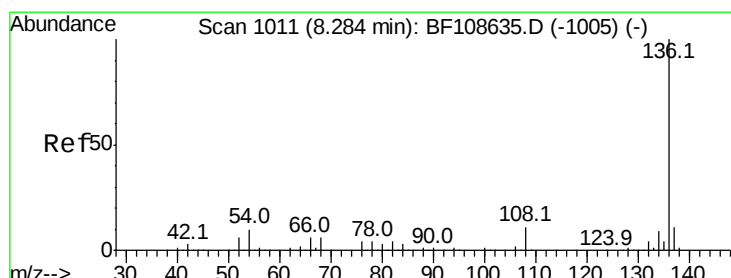
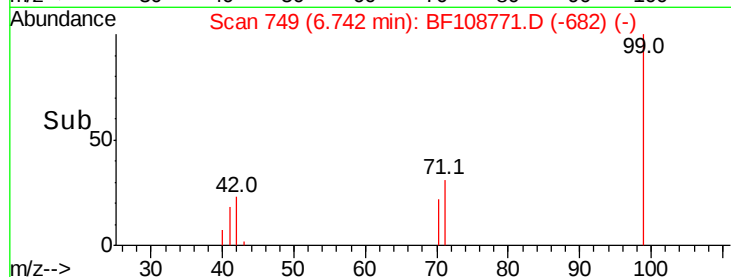
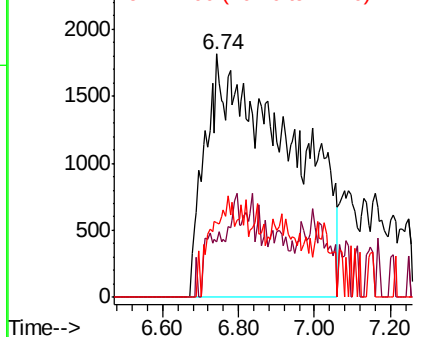


Abundance

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: 8.27 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF108771.D
 Acq: 5 Sep 2018 7:22

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.0	6.6	9.8#
68	6.1	5.0	7.4

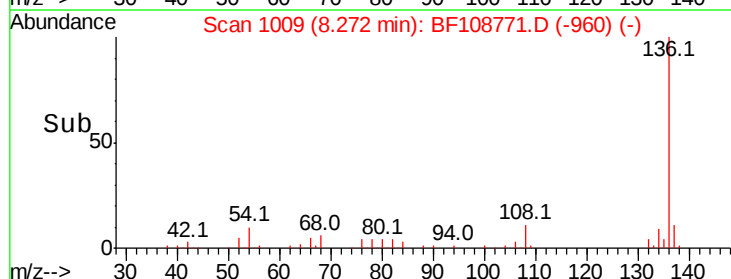
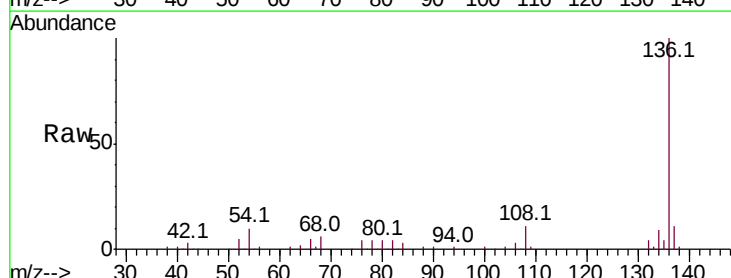
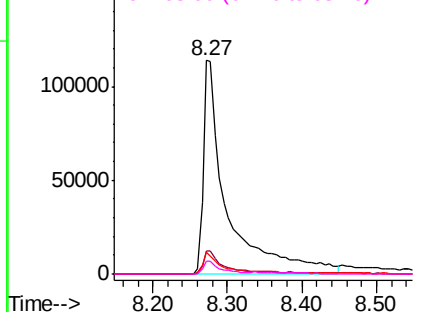
Abundance

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





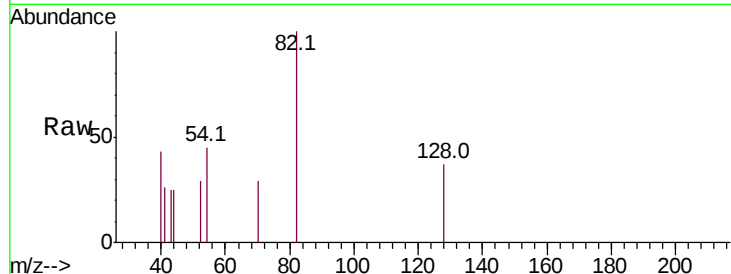
#23
Nitrobenzene-d5
Concen: 2.871 ng/ml
RT: 7.65 min Scan# 904
Delta R.T. 0.08 min
Lab File: BF108771.D
Acq: 5 Sep 2018 7:22

Instrument :
BNA_F
ClientSampleId :
AOC10-01-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.7	36.1	54.1
54	45.5	41.4	62.2

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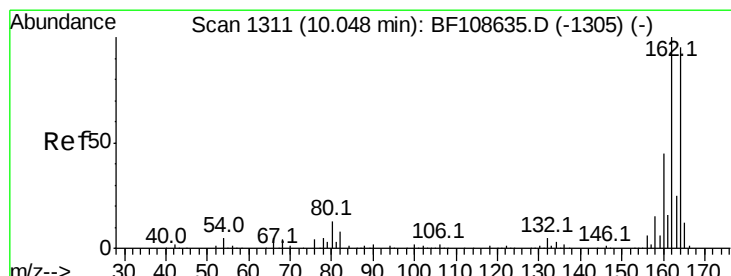
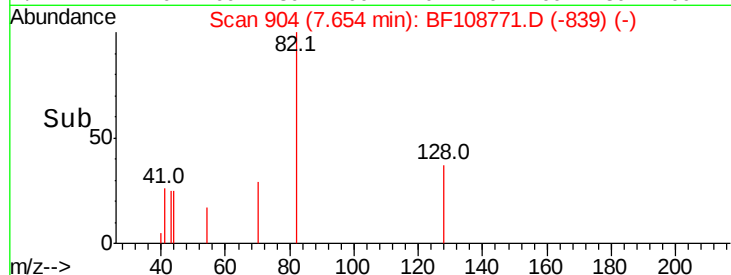
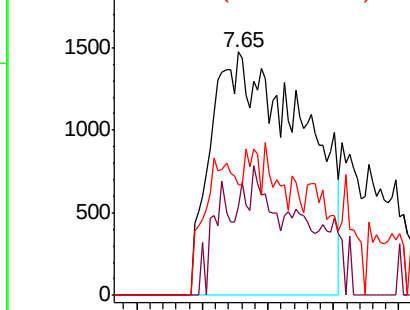


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): 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: BF108771.D
Acq: 5 Sep 2018 7:22

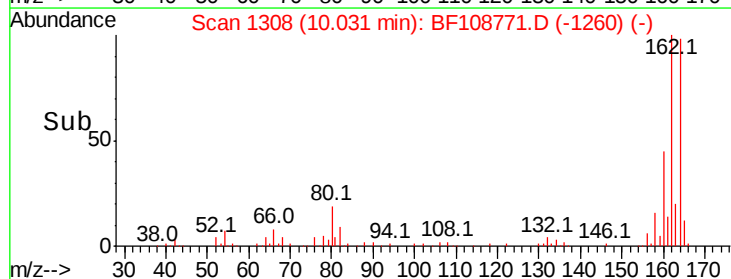
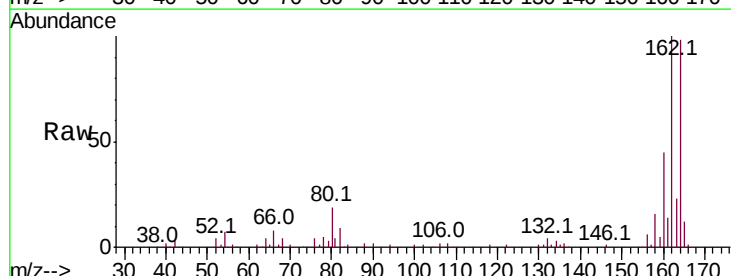
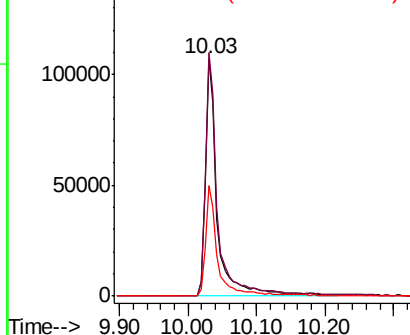
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	46.6	38.3	57.5

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





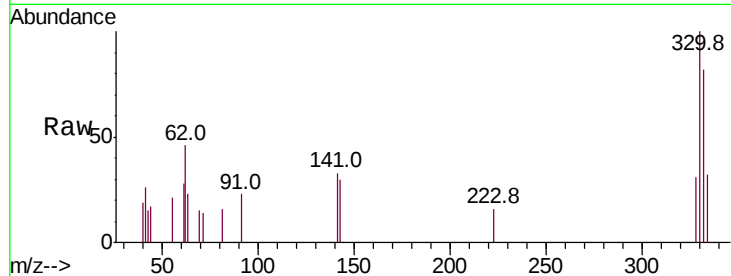
#41
 2,4,6-Tribromophenol
 Concen: 3.648 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108771.D
 Acq: 5 Sep 2018 7:22

Instrument :
 BNA_F
 ClientSampleId :
 AOC10-01-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	24.3	29.9	44.9#

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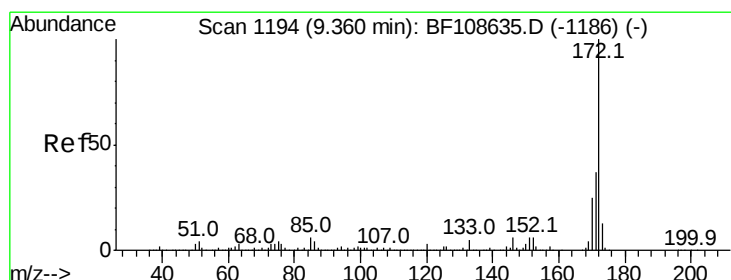
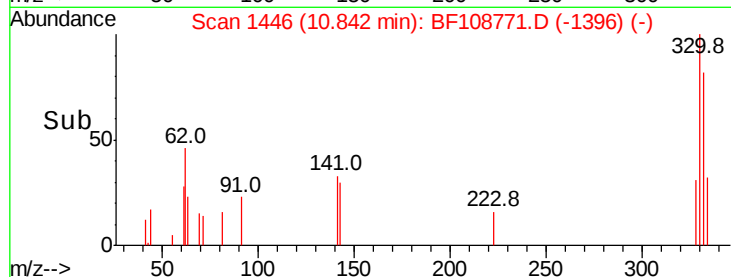
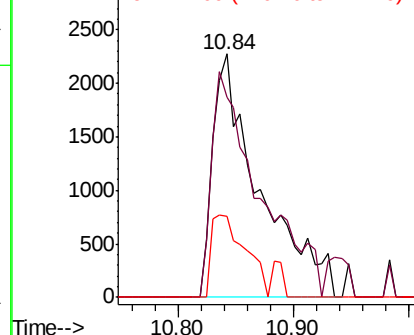


Abundance

Ion 329.80 (329.50 to 330.50): E

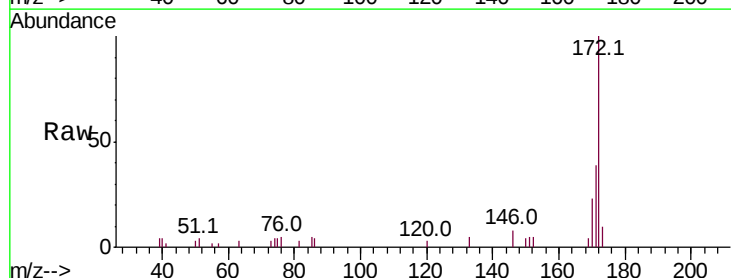
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 3.674 ng
 RT: 9.35 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF108771.D
 Acq: 5 Sep 2018 7:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	29.7	44.5
170	23.1	19.6	29.4

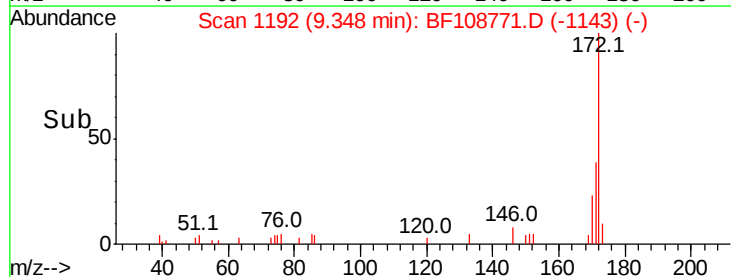
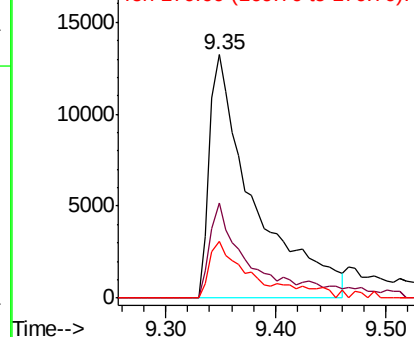


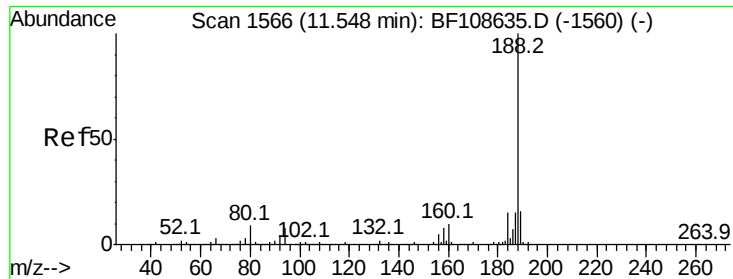
Abundance

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: 11.53 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF108771.D

Acq: 5 Sep 2018 7:22

Instrument :

BNA_F

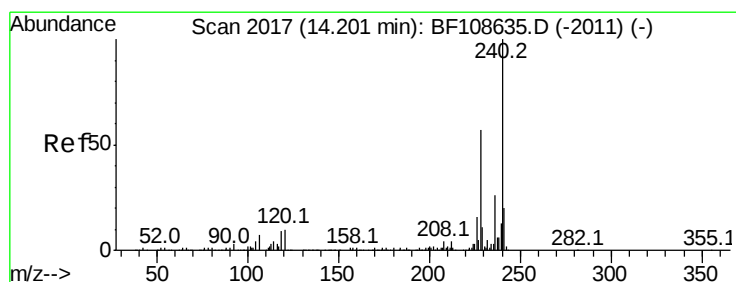
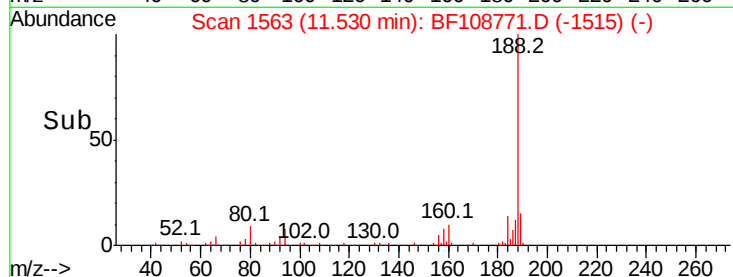
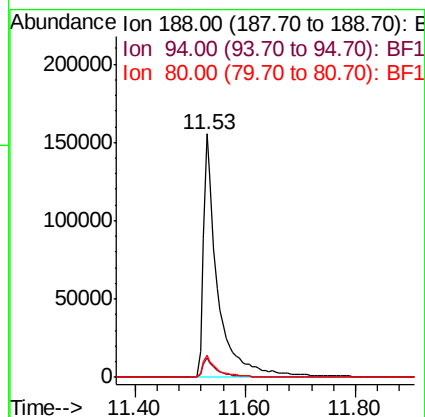
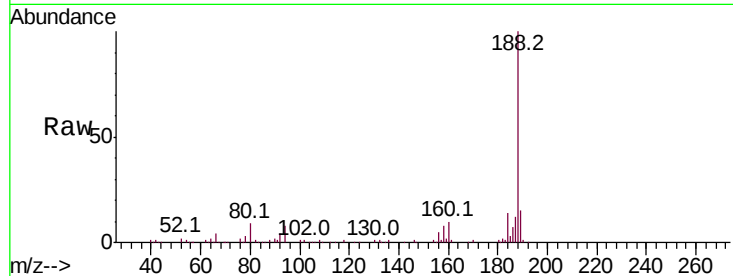
ClientSampleId :

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Tot Ion:188	Resp: 277274
Ion Ratio	Lower Upper
188 100	
94 8.2	8.5 12.7#
80 9.0	9.2 13.8#

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#75

Chrysene-d12

Concen: 20.000 ng

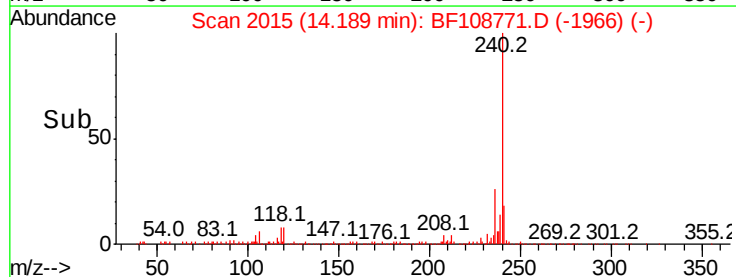
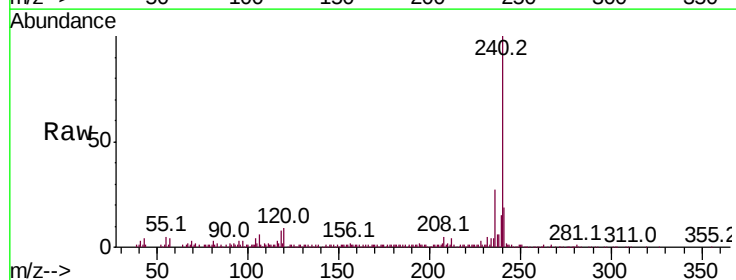
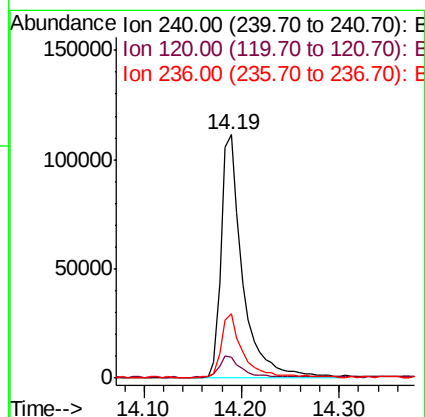
RT: 14.19 min Scan# 2015

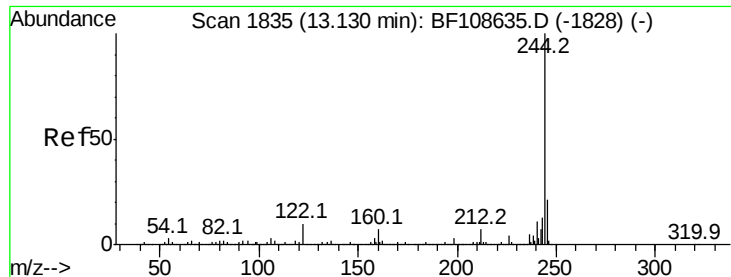
Delta R.T. -0.01 min

Lab File: BF108771.D

Acq: 5 Sep 2018 7:22

Tgt Ion:240	Resp: 171862
Ion Ratio	Lower Upper
240 100	
120 8.8	9.5 14.3#
236 26.5	20.7 31.1





#78

Terphenyl-d14

Concen: 5.495 ng

RT: 13.11 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF108771.D

Acq: 5 Sep 2018 7:22

Instrument :

BNA_F

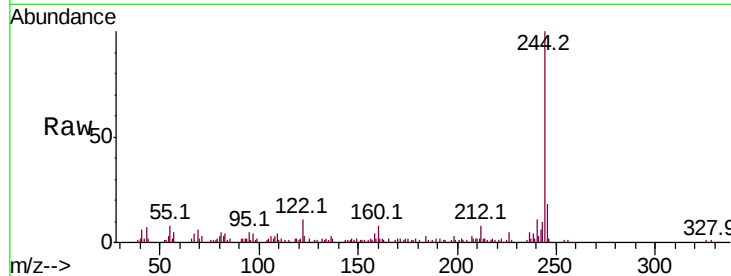
ClientSampleId :

AOC10-01-C

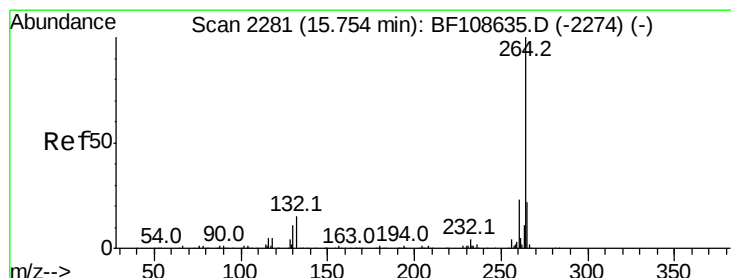
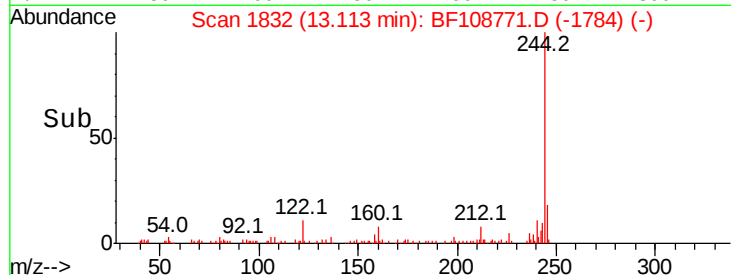
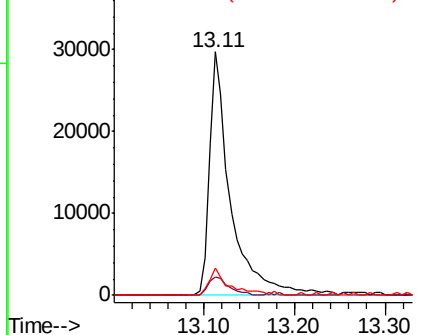
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	11.3	11.0	16.4

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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



#86

Perylene-d12

Concen: 20.000 ng

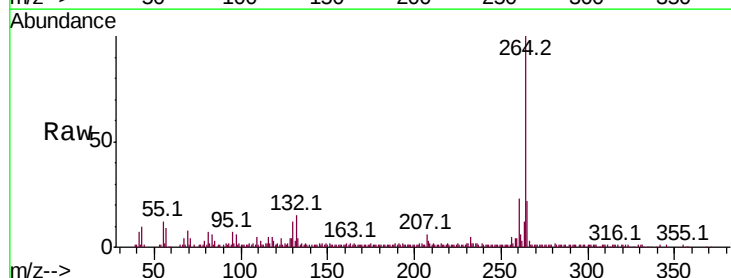
RT: 15.74 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF108771.D

Acq: 5 Sep 2018 7:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	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

