

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108789.D
 Acq On : 5 Sep 2018 22:07
 Operator : JU/SJ
 Sample : J4741-19 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-01-C

Manual Integrations
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Sohil
 9/6/2018 4:45:02 PM

Quant Time: Sep 06 06:47:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	293825	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	1094409	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	456914	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	734252	20.00	ng	0.00
75) Chrysene-d12	13.86	240	623326	20.00	ng	0.00
86) Perylene-d12	15.27	264	491150	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	110993	6.26	ng	-0.01
7) Phenol-d6	6.35	99	142829	6.26	ng	-0.02
23) Nitrobenzene-d5	7.28	82	74940	4.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	18768	4.30	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	158948	5.93	ng	0.00
78) Terphenyl-d14	12.82	244	127826	4.78	ng	0.00
Target Compounds						
74) Fluoranthene	12.44	202	164503	4.738	ng	Qvalue 98
77) Pyrene	12.67	202	159409	3.324	ng	98
80) Benzo(a)anthracene	13.85	228	87465	2.189	ng	94
82) Chrysene	13.89	228	92051	2.380	ng	97
83) Bis(2-ethylhexyl)phthalate	13.87	149	217742	8.022	ng	100
87) Benzo(b)fluoranthene	14.87	252	107664m	4.031	ng	
89) Benzo(a)pyrene	15.21	252	66766	2.771	ng	# 90
91) Benzo(g,h,i)perylene	17.02	276	44169	2.078	ng	# 94

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

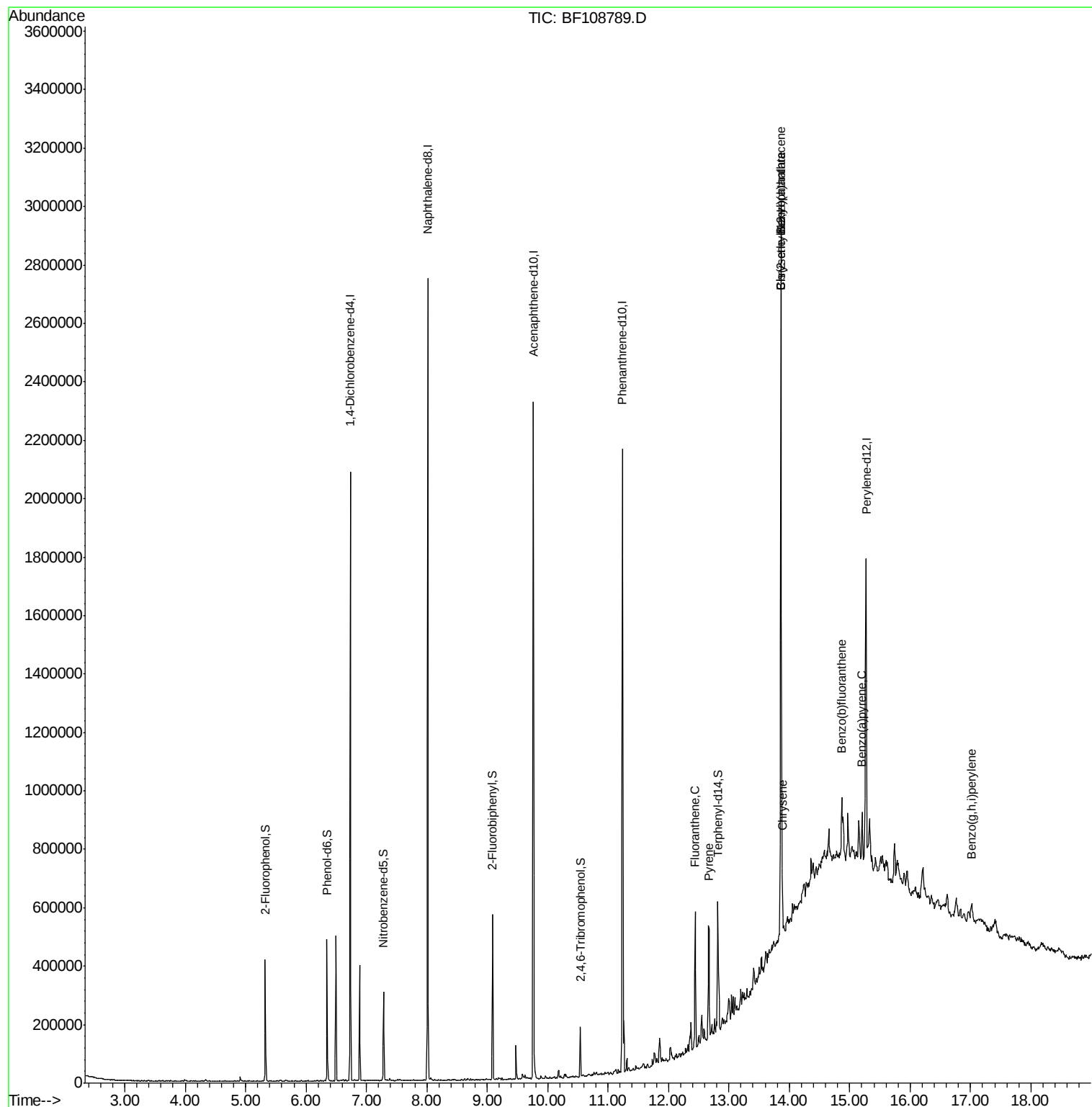
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108789.D
Acq On : 5 Sep 2018 22:07
Operator : JU/SJ
Sample : J4741-19 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

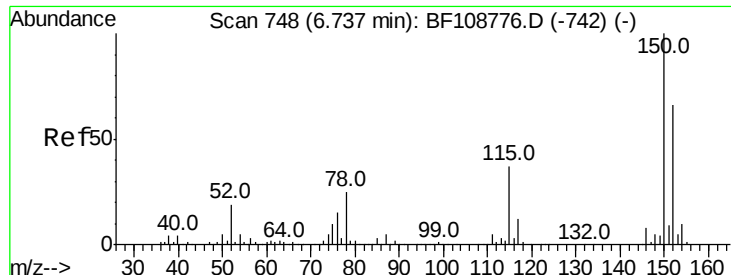
Instrument :
BNA_F
ClientSampleId :
AOC3-01-C

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
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Response via : Initial Calibration





#1

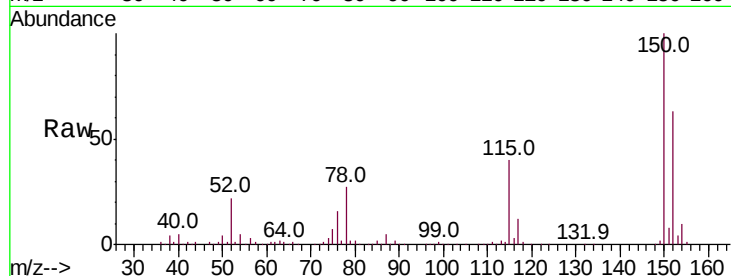
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108789.D
Acq: 5 Sep 2018 22:07

Instrument :
BNA_F
ClientSampleId :
AOC3-01-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	64.1	50.1	75.1

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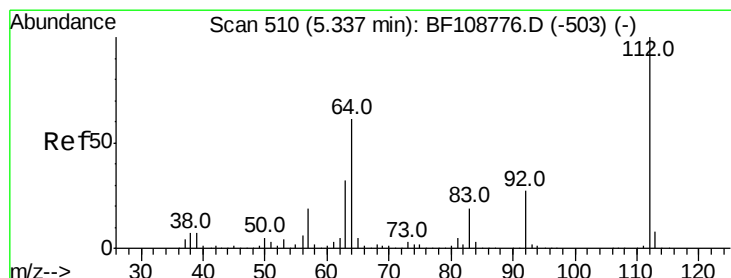
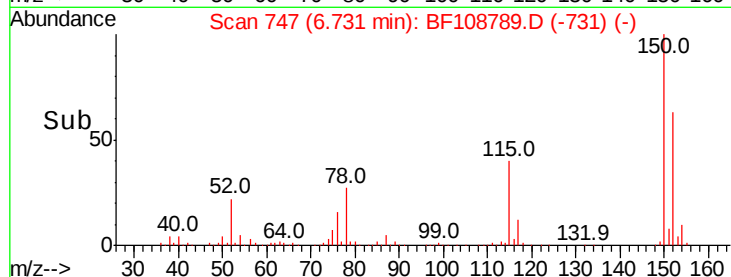
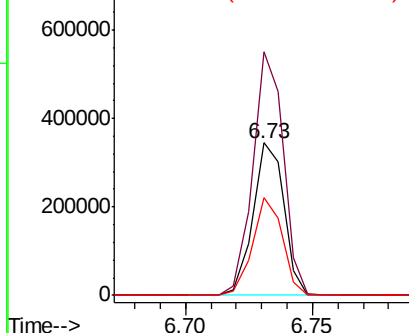


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

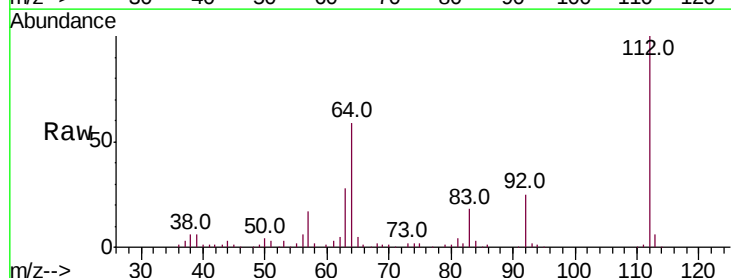
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 6.258 ng
RT: 5.32 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF108789.D
Acq: 5 Sep 2018 22:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	28.3	23.7	35.5

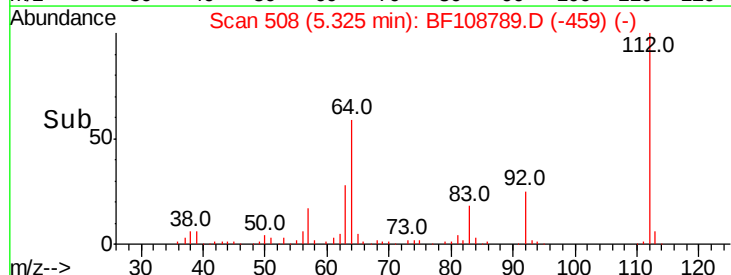
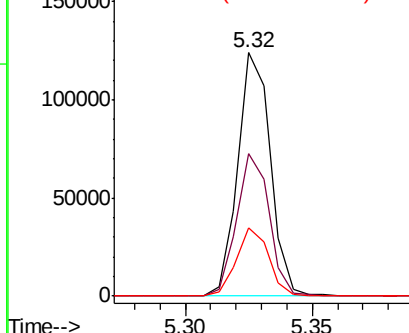


Abundance

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: 6.259 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF108789.D

Acq: 5 Sep 2018 22:07

Instrument :

BNA_F

ClientSampleId :

AOC3-01-C

Tot Ion: 99 Resp: 142829

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

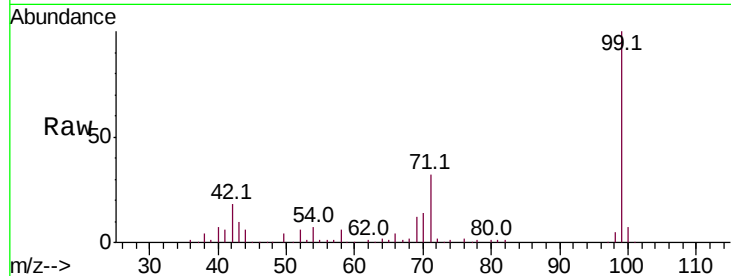
71 31.6 25.4 38.0

Manual Integrations

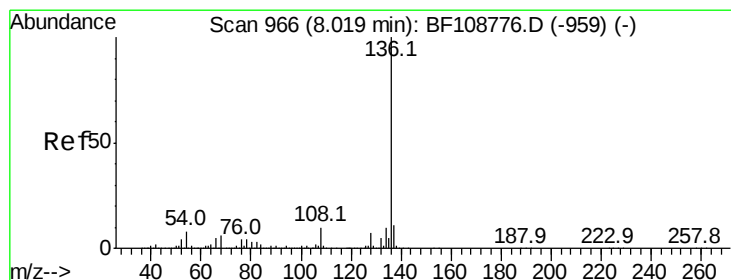
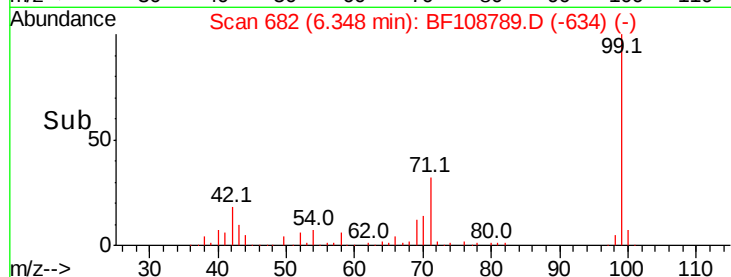
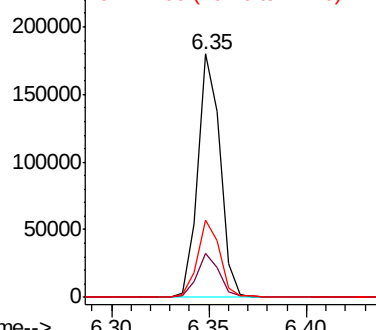
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF108789.D

Acq: 5 Sep 2018 22:07

Tgt Ion: 136 Resp: 1094409

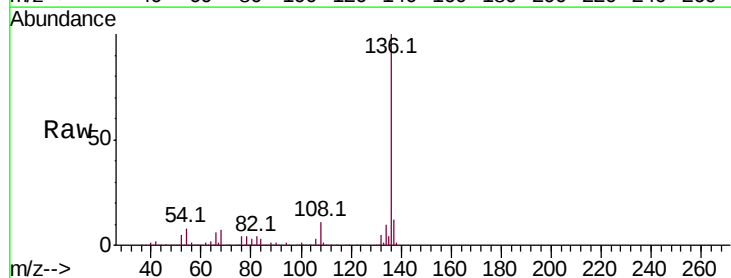
Ion Ratio Lower Upper

136 100

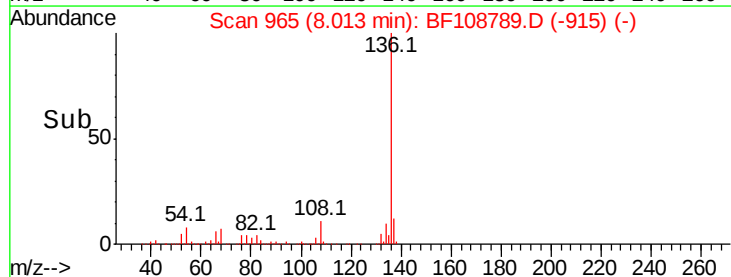
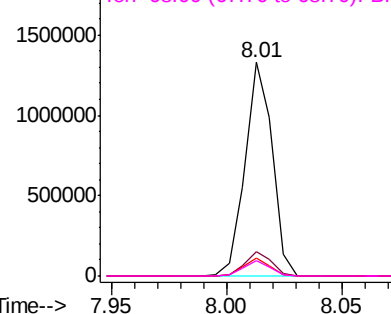
137 11.6 8.9 13.3

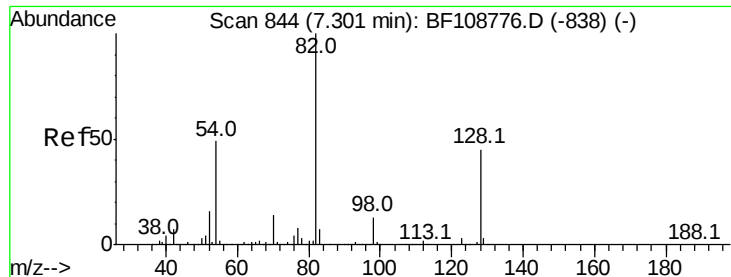
54 8.3 6.6 9.8

68 7.1 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





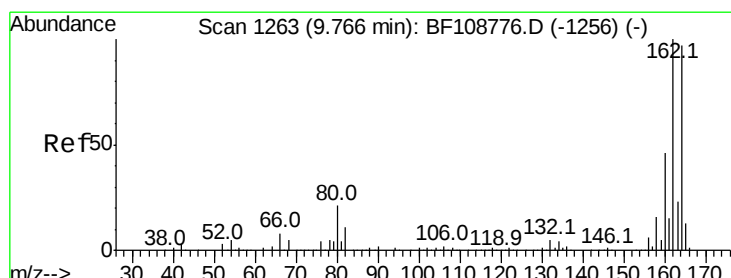
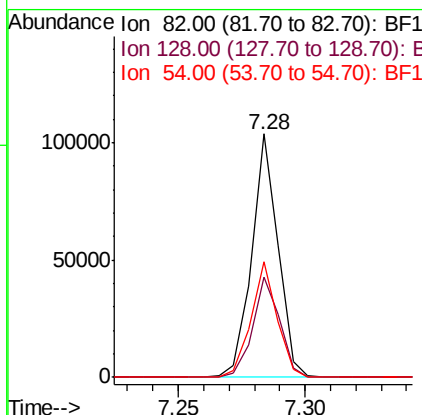
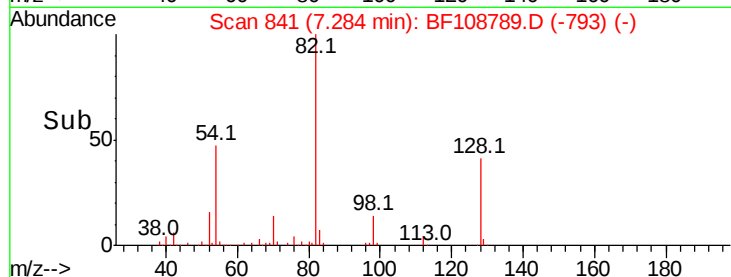
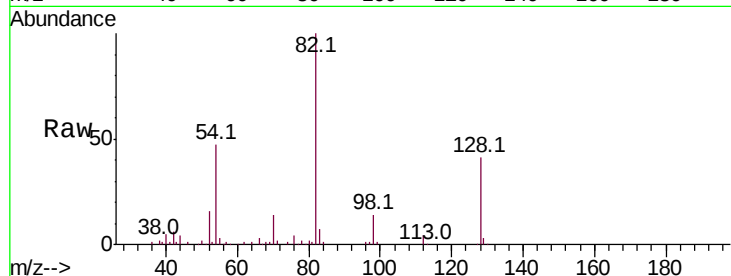
#23
Nitrobenzene-d5
Concen: 4.285 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF108789.D
Acq: 5 Sep 2018 22:07

Instrument :
BNA_F
ClientSampleId :
AOC3-01-C

Tot Ion:	82	Resp:	74940
Ion Ratio	Lower	Upper	
82	100		
128	41.2	36.1	54.1
54	47.3	41.4	62.2

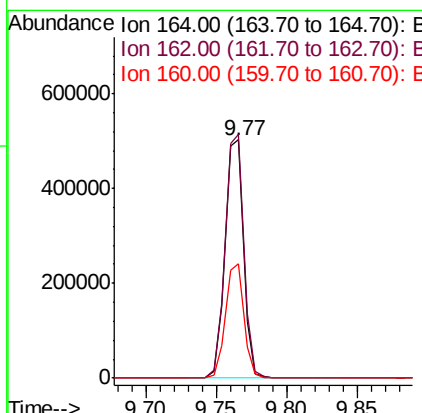
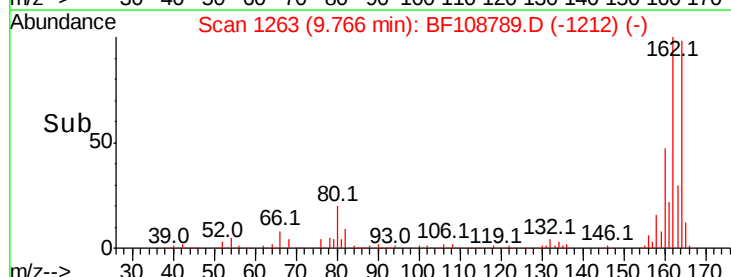
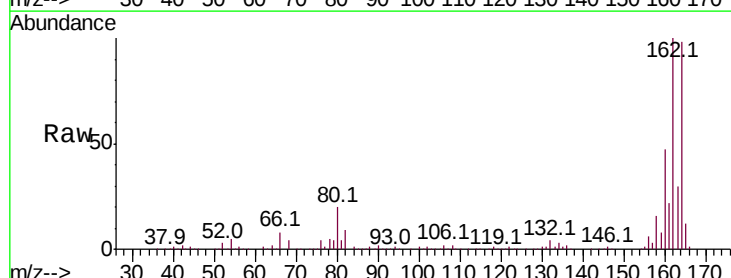
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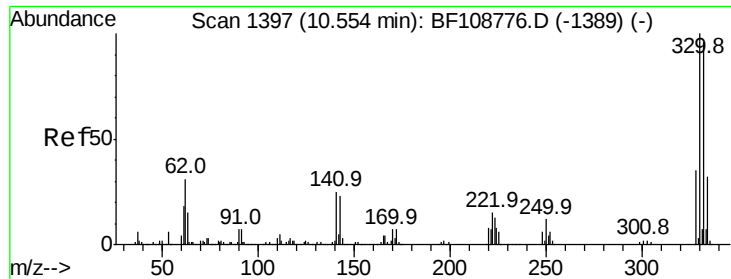
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108789.D
Acq: 5 Sep 2018 22:07

Tgt Ion:	164	Resp:	456914
Ion Ratio	Lower	Upper	
164	100		
162	102.3	86.1	129.1
160	48.3	38.3	57.5





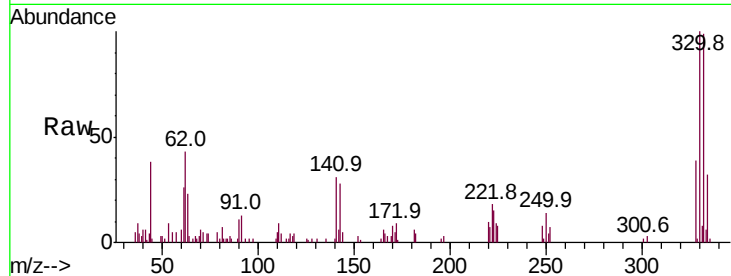
#41
 2,4,6-Tribromophenol
 Concen: 4.303 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108789.D
 Acq: 5 Sep 2018 22:07

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-01-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100	18768		
332	96.7	77.0	115.6	
141	35.8	29.9	44.9	

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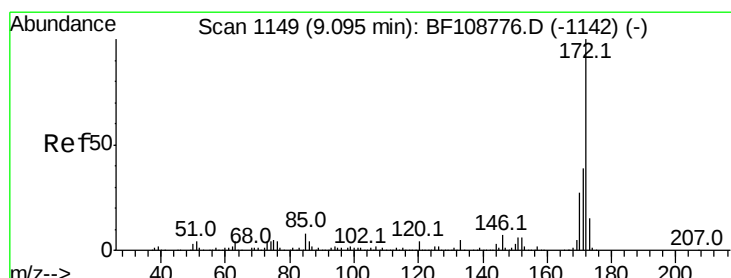
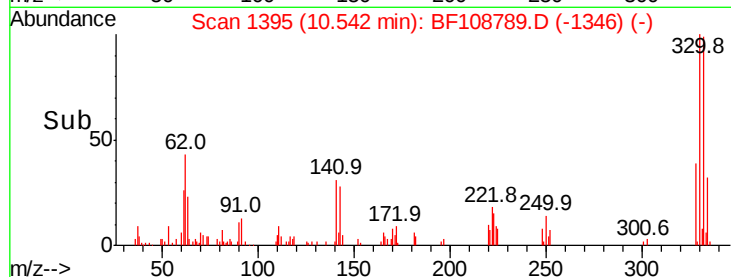
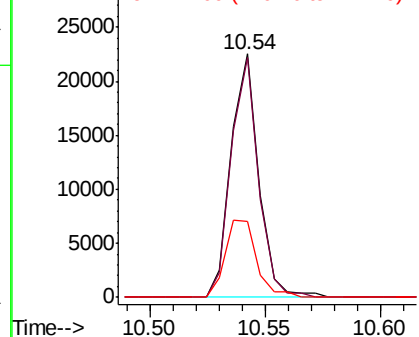


Abundance

Ion 329.80 (329.50 to 330.50): E

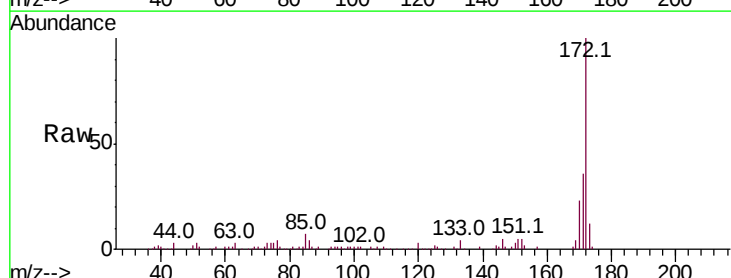
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 5.935 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108789.D
 Acq: 5 Sep 2018 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	158948		
171	35.8	29.7	44.5	
170	22.9	19.6	29.4	

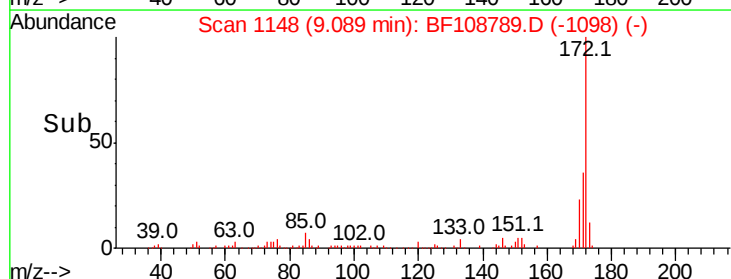
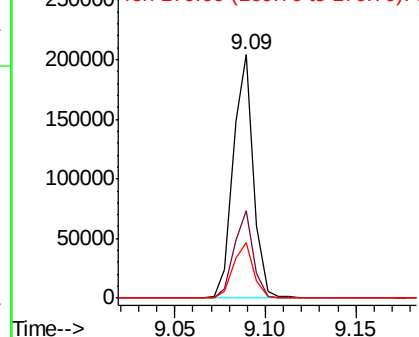


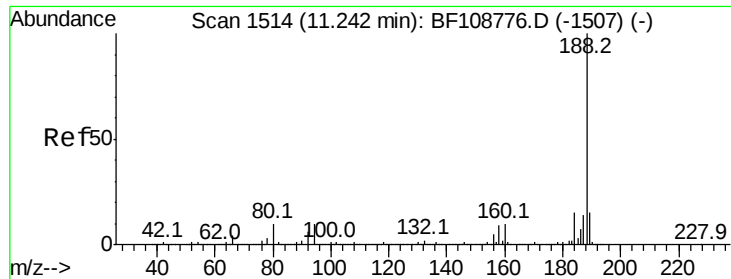
Abundance

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: 11.24 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BF108789.D

Acq: 5 Sep 2018 22:07

Instrument :

BNA_F

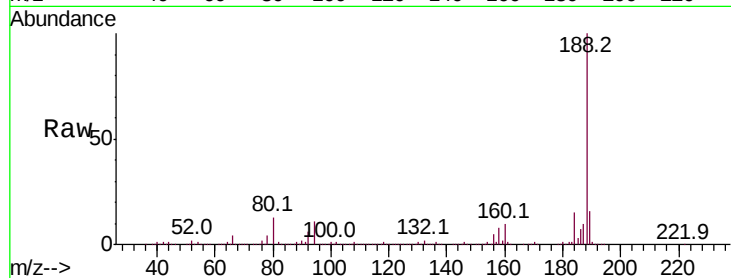
ClientSampleId :

AOC3-01-C

Tot Ion:	188	Resp:	734252
Ion Ratio	Lower	Upper	
188	100		
94	11.4	8.5	12.7
80	12.6	9.2	13.8

Manual Integrations
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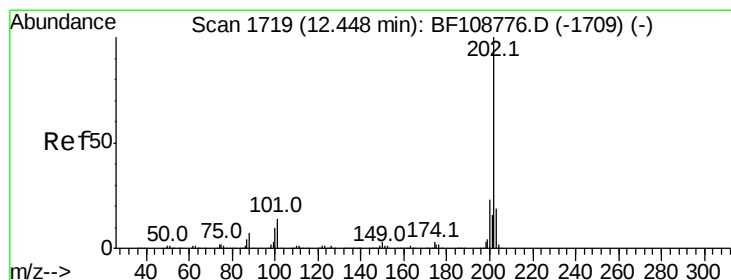
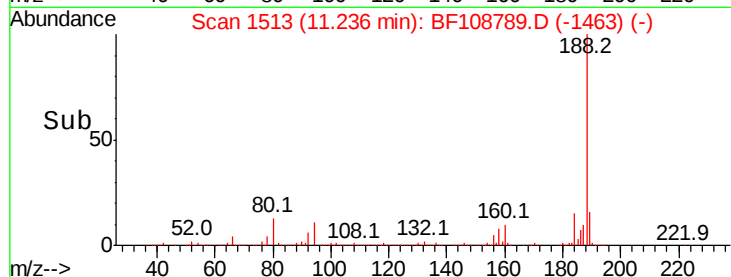
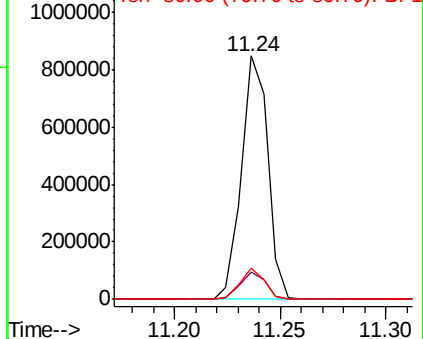
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#74

Fluoranthene

Concen: 4.738 ng

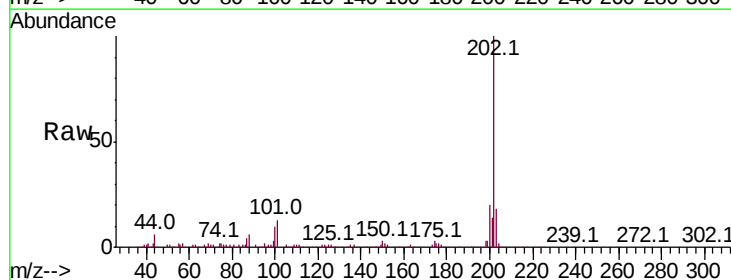
RT: 12.44 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BF108789.D

Acq: 5 Sep 2018 22:07

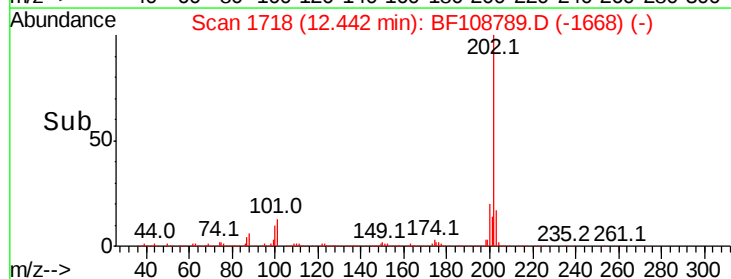
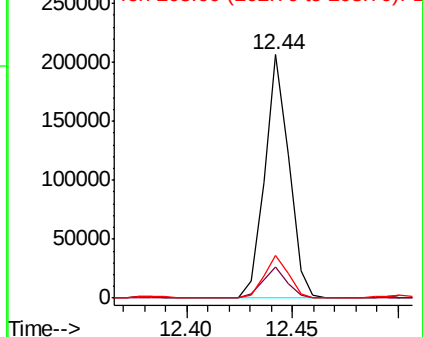
Tgt Ion:	202	Resp:	164503
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	34.1
203	17.6	0.0	38.1

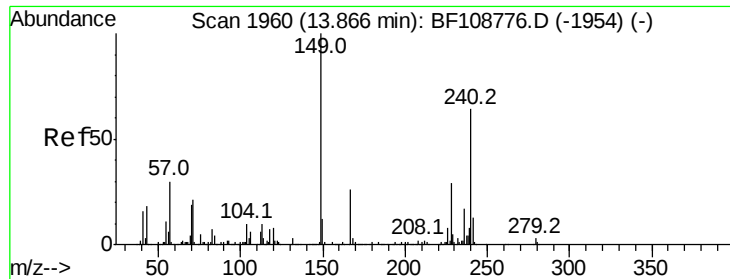


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.86 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BF108789.D

Acq: 5 Sep 2018 22:07

Instrument :

BNA_F

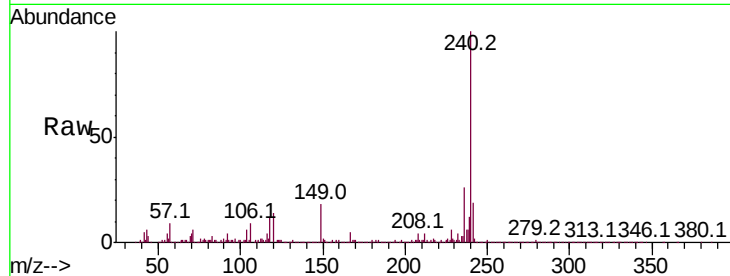
ClientSampleId :

AOC3-01-C

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	26.0	20.7	31.1

Manual Integrations
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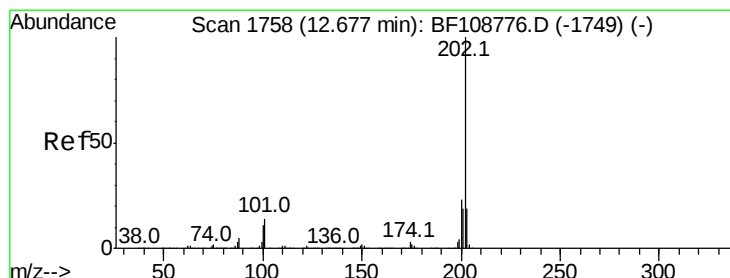
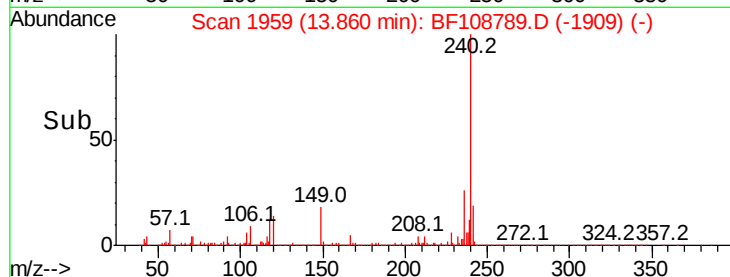
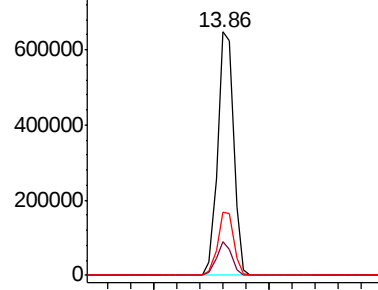


Abundance

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



#77

Pyrene

Concen: 3.324 ng

RT: 12.67 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF108789.D

Acq: 5 Sep 2018 22:07

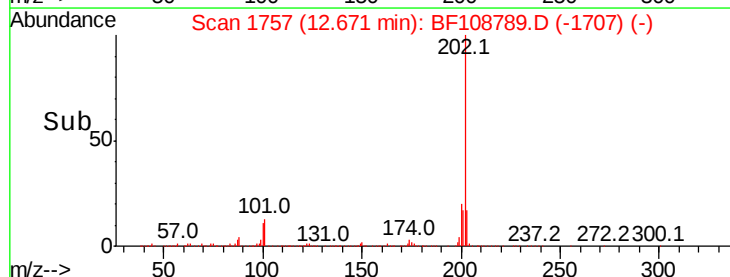
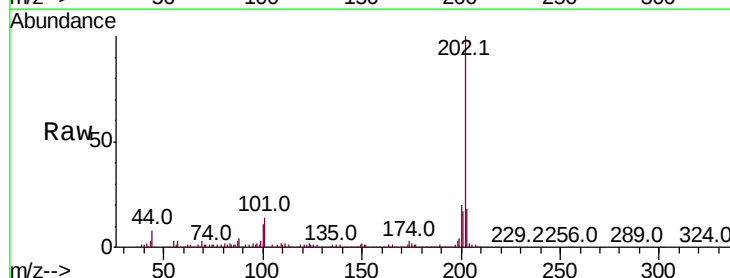
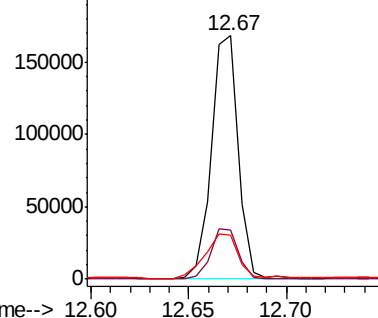
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.8	14.3	21.5

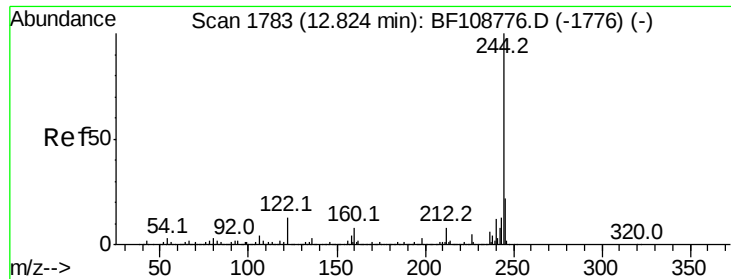
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 4.782 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF108789.D

Acq: 5 Sep 2018 22:07

Instrument :

BNA_F

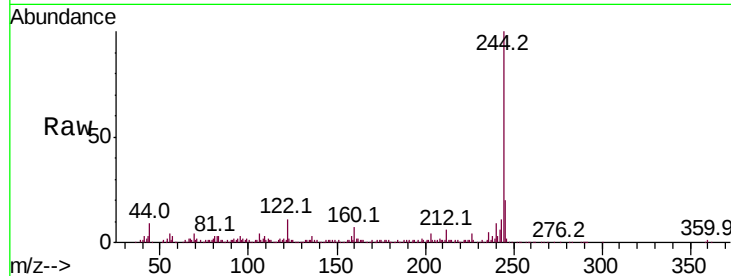
ClientSampleId :

AOC3-01-C

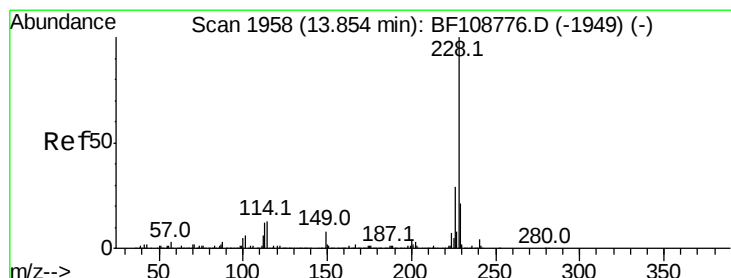
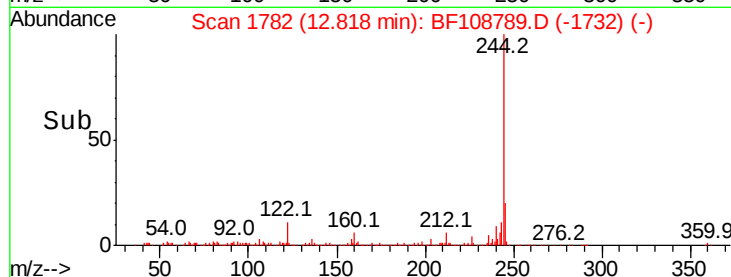
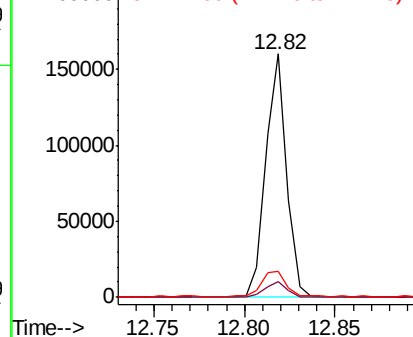
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	10.9	11.0	16.4

Manual Integrations
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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



#80

Benzo(a)anthracene

Concen: 2.189 ng

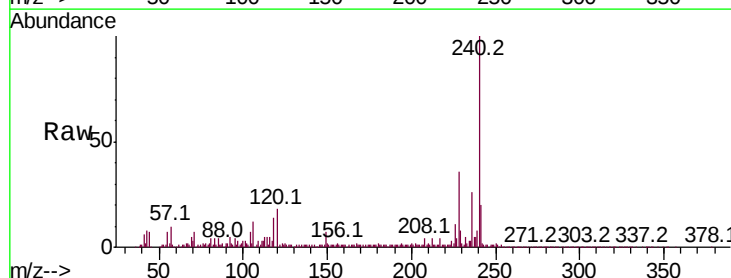
RT: 13.85 min Scan# 1958

Delta R.T. -0.00 min

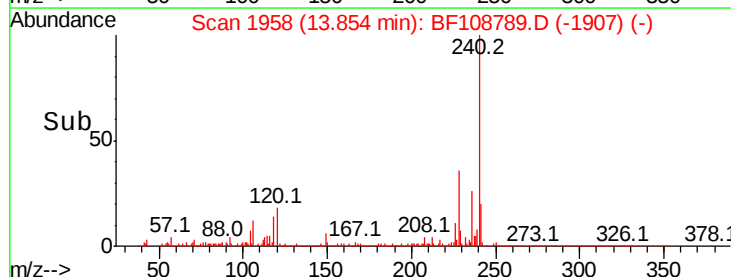
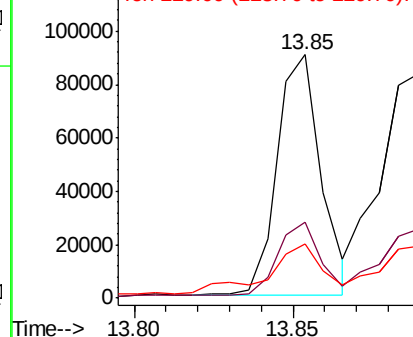
Lab File: BF108789.D

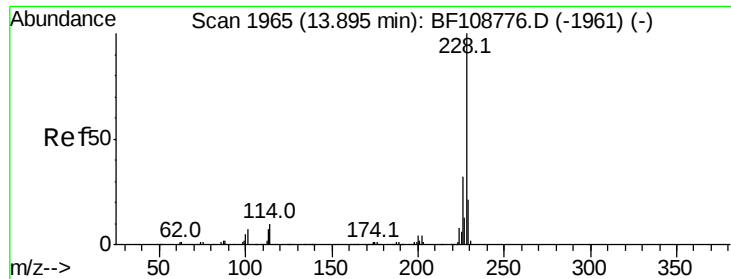
Acq: 5 Sep 2018 22:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	33.8
229	22.1	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





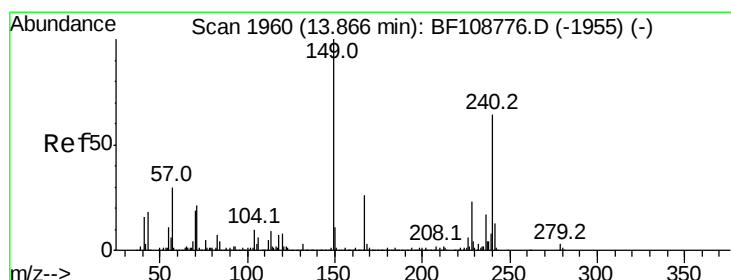
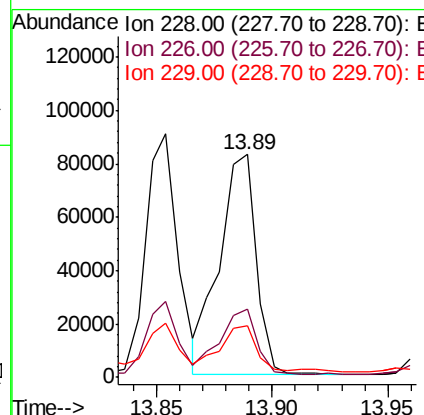
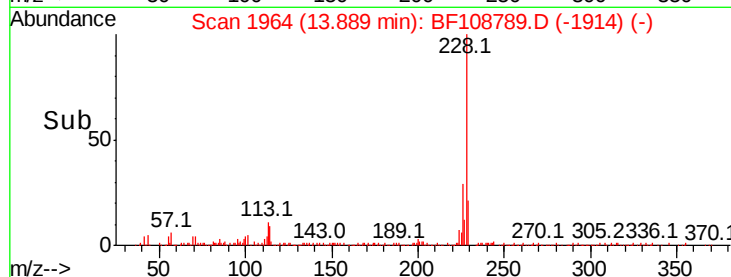
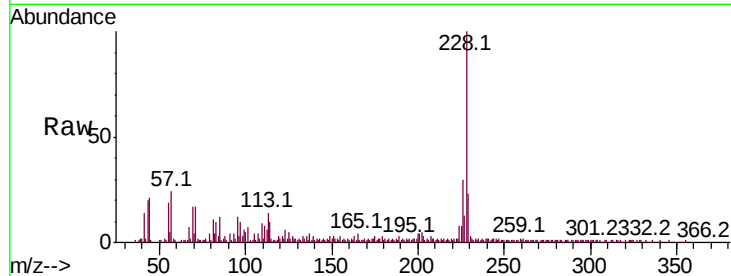
#82
Chrysene
Concen: 2.380 ng
RT: 13.89 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BF108789.D
Acq: 5 Sep 2018 22:07

Instrument :
BNA_F
ClientSampleId :
AOC3-01-C

Tot Ion:	228	Resp:	92051
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	23.0	16.2	24.4

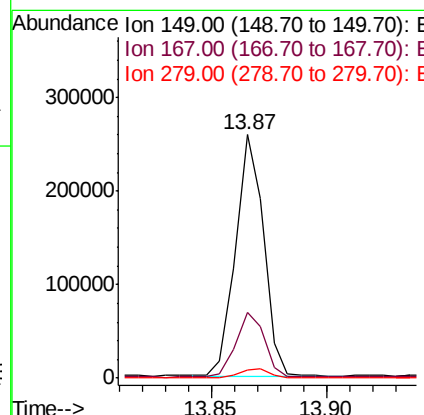
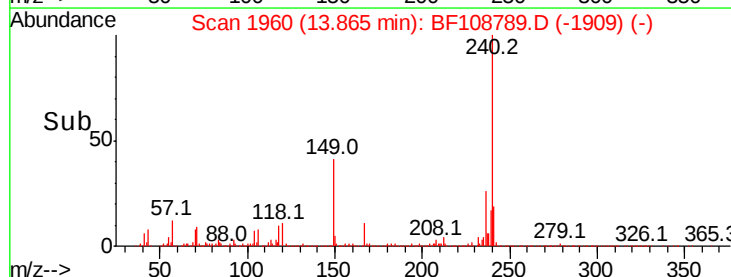
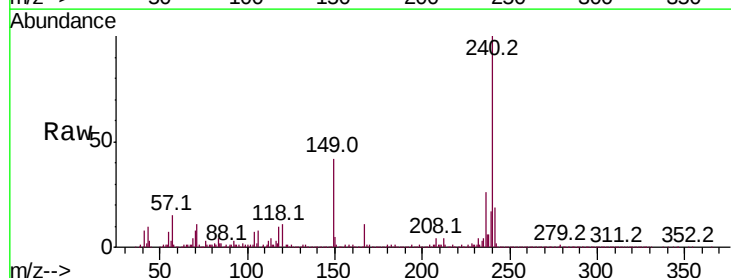
Manual Integrations
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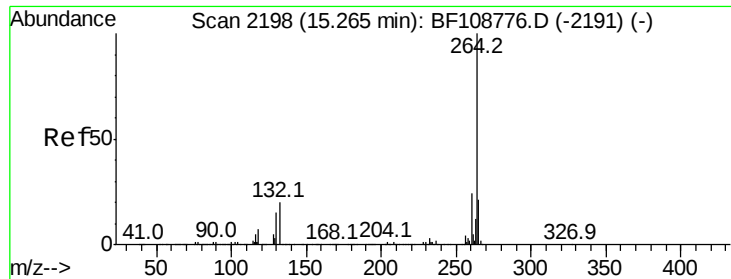
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#83
Bis(2-ethylhexyl)phthalate
Concen: 8.022 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108789.D
Acq: 5 Sep 2018 22:07

Tgt Ion:	149	Resp:	217742
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.3	31.9
279	3.5	3.0	4.4





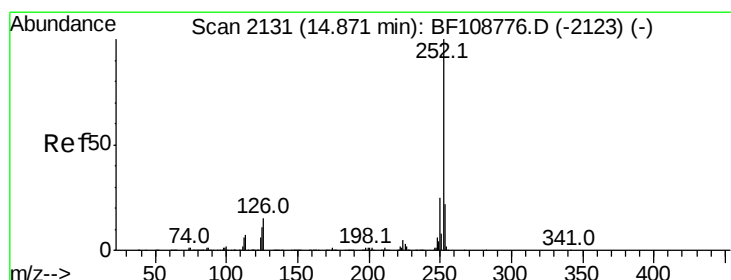
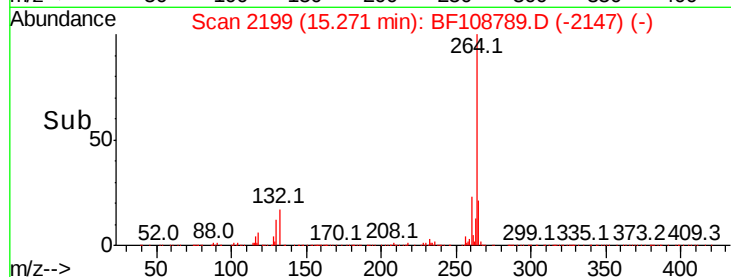
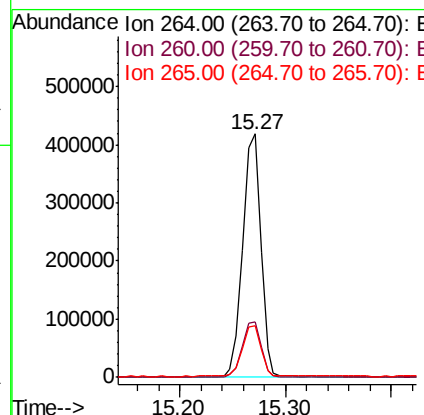
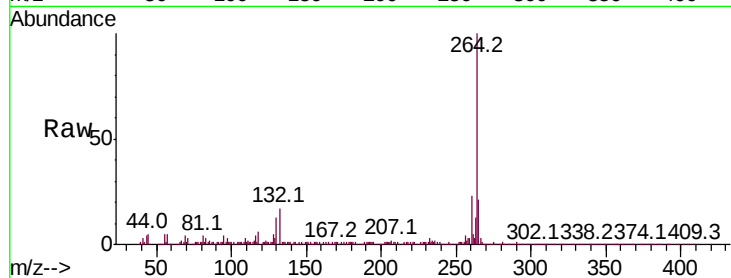
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108789.D
Acq: 5 Sep 2018 22:07

Instrument :
BNA_F
ClientSampleId :
AOC3-01-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.4	17.5	26.3

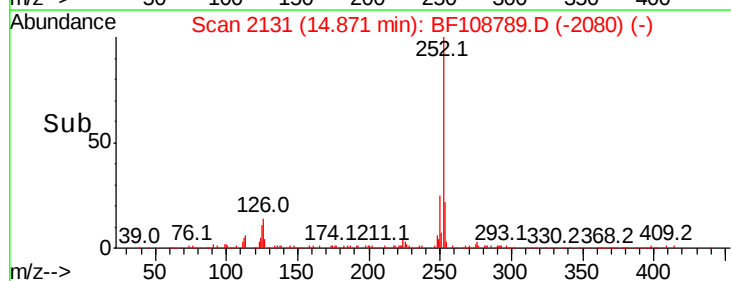
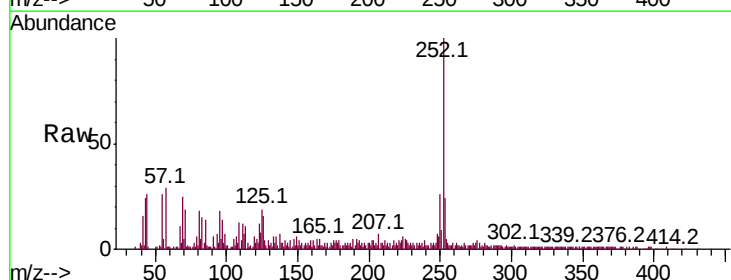
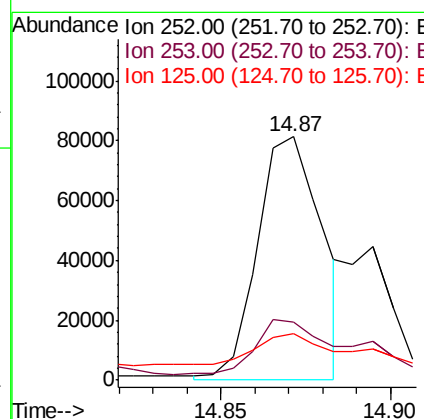
Manual Integrations
APPROVED

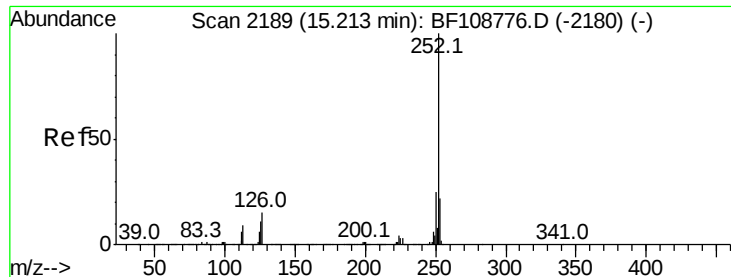
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#87
Benzo(b)fluoranthene
Concen: 4.031 ng m
RT: 14.87 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BF108789.D
Acq: 5 Sep 2018 22:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	18.9	9.0	13.6#





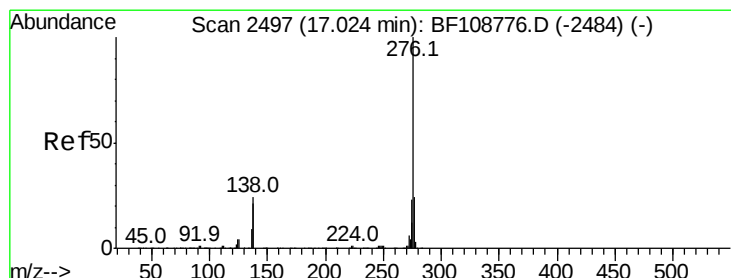
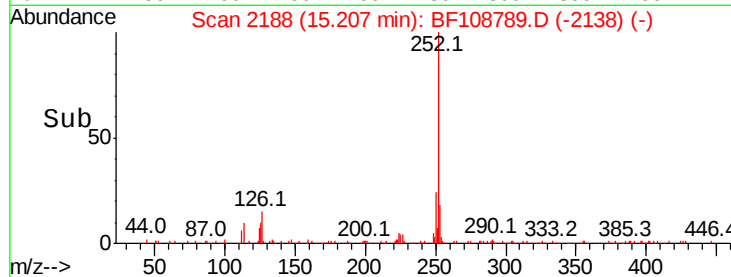
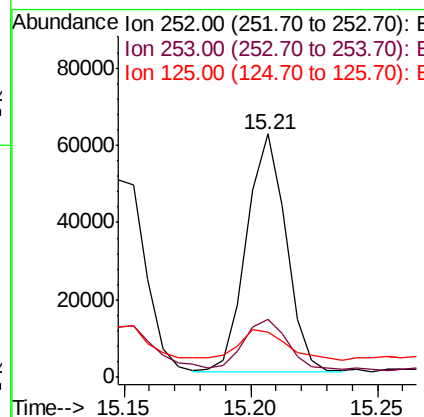
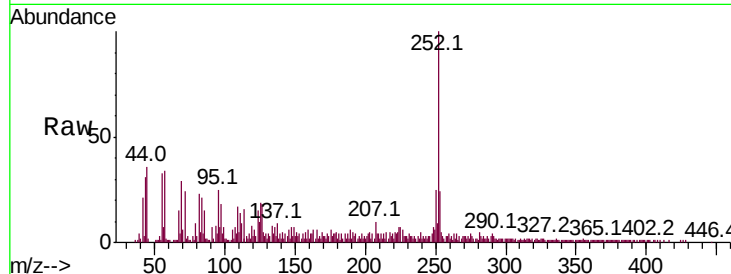
#89
Benzo(a)pyrene
Concen: 2.771 ng
RT: 15.21 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BF108789.D
Acq: 5 Sep 2018 22:07

Instrument :
BNA_F
ClientSampleId :
AOC3-01-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	18.8	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.078 ng
RT: 17.02 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BF108789.D
Acq: 5 Sep 2018 22:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.8	17.9	26.9
138	27.0	21.8	32.8

