

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108788.D
 Acq On : 5 Sep 2018 21:40
 Operator : JU/SJ
 Sample : J4741-18 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-01-B

Manual Integrations
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 9/6/2018 4:45:00 PM

Quant Time: Sep 06 06:44:34 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	290381	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	1089366	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	468805	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	746000	20.00	ng	0.00
75) Chrysene-d12	13.86	240	613127	20.00	ng	0.00
86) Perylene-d12	15.27	264	479769	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	158595	9.05	ng	-0.01
7) Phenol-d6	6.35	99	204965	9.09	ng	-0.02
23) Nitrobenzene-d5	7.28	82	106076	6.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	27799	6.21	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	223321	8.13	ng	0.00
78) Terphenyl-d14	12.82	244	168771	6.42	ng	0.00
Target Compounds						
74) Fluoranthene	12.44	202	135899	3.853	ng	98
77) Pyrene	12.67	202	130710	2.771	ng	98
80) Benzo(a)anthracene	13.85	228	80119	2.039	ng	93
82) Chrysene	13.88	228	78701m	2.069	ng	
87) Benzo(b)fluoranthene	14.87	252	99273m	3.805	ng	
89) Benzo(a)pyrene	15.21	252	65430	2.780	ng	# 93
91) Benzo(g,h,i)perylene	17.01	276	53100	2.557	ng	93

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

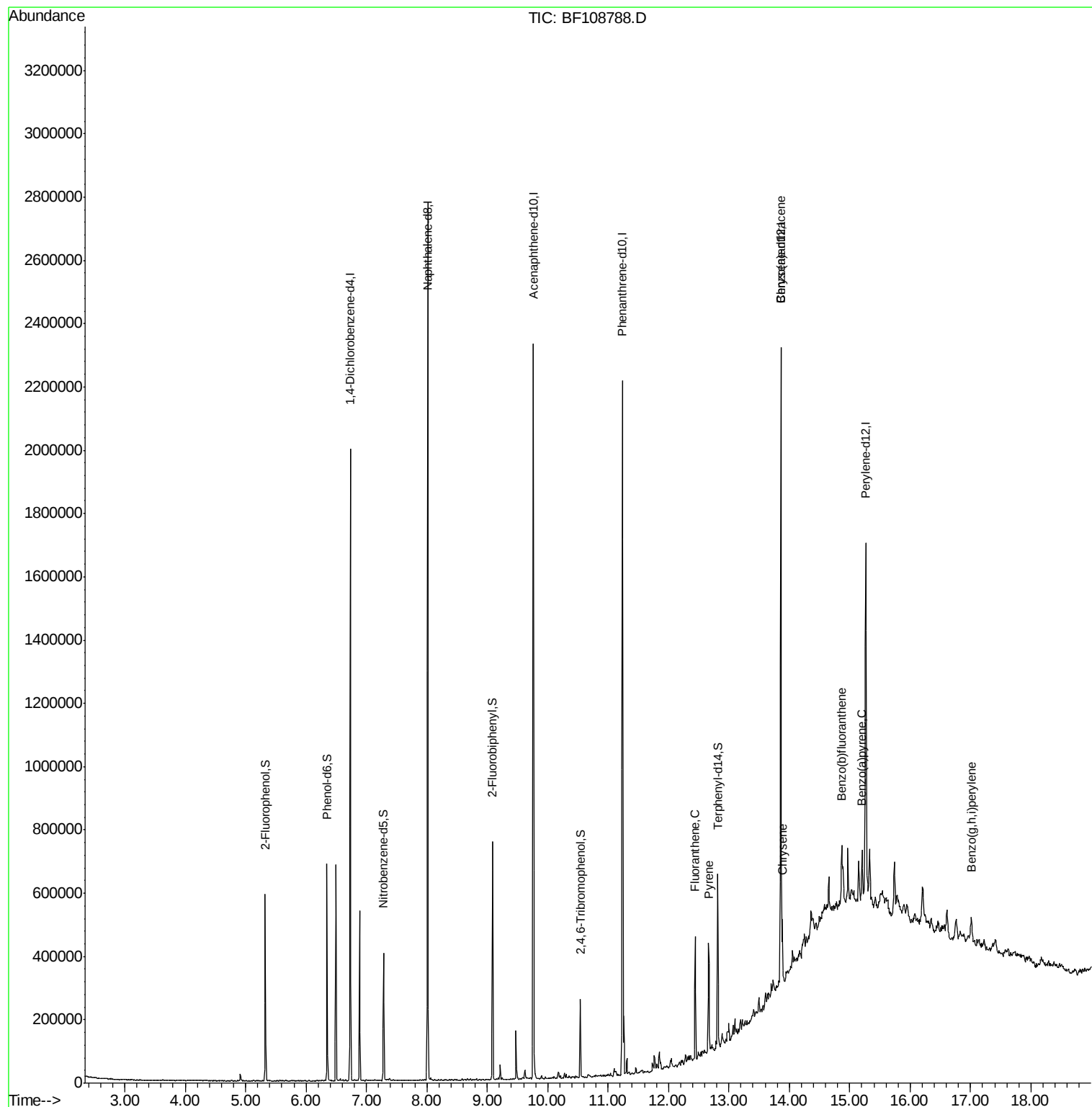
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108788.D
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Operator : JU/SJ
Sample : J4741-18 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

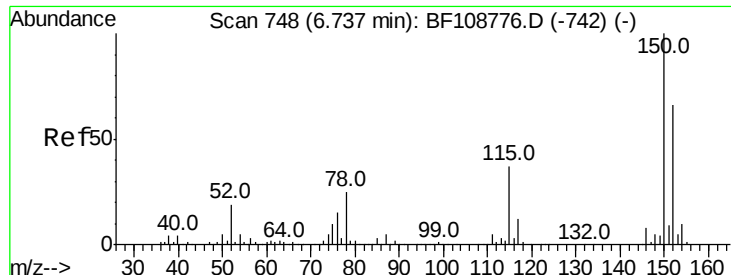
Instrument :
BNA_F
ClientSampleId :
AOC3-01-B

Quant Time: Sep 06 06:44:34 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
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#1

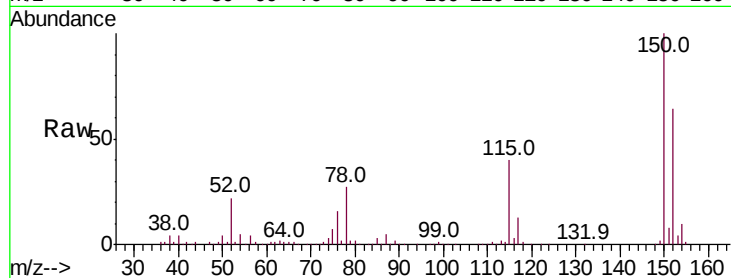
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Instrument :
BNA_F
ClientSampleId :
AOC3-01-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	63.1	50.1	75.1

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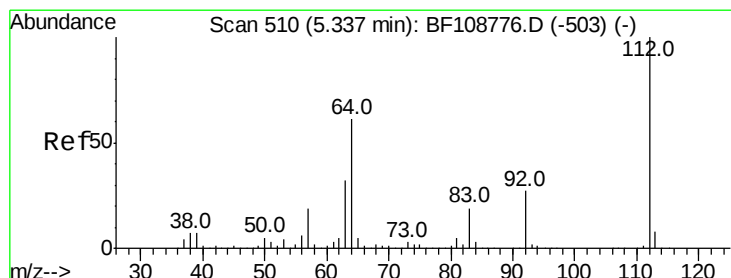
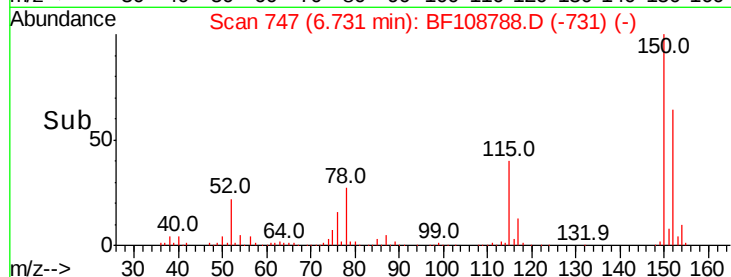
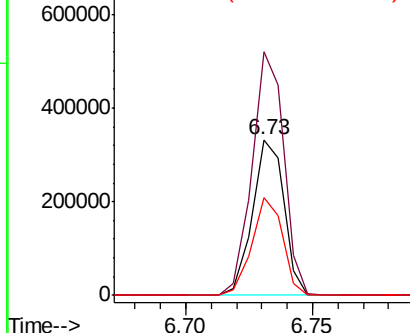


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

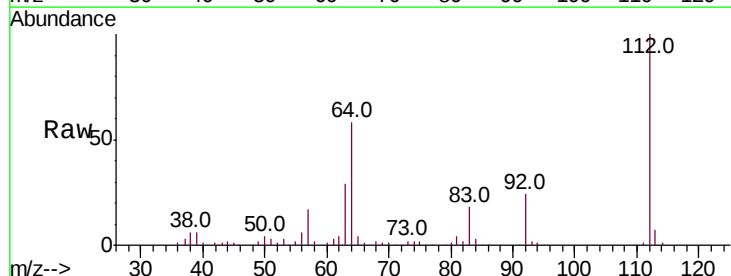
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 9.048 ng
RT: 5.32 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	29.2	23.7	35.5

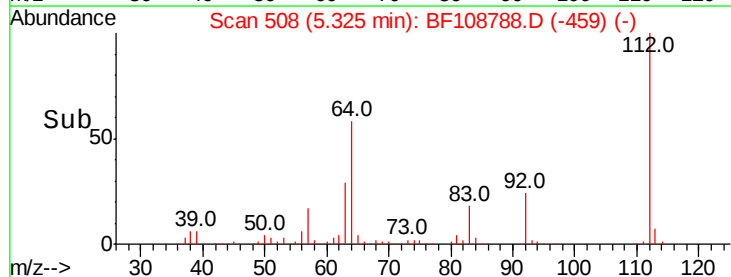
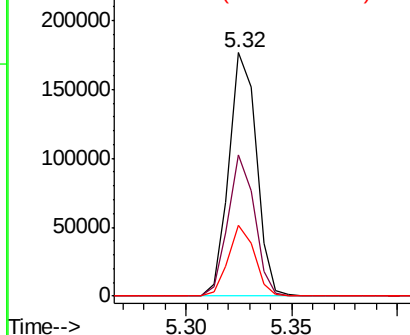


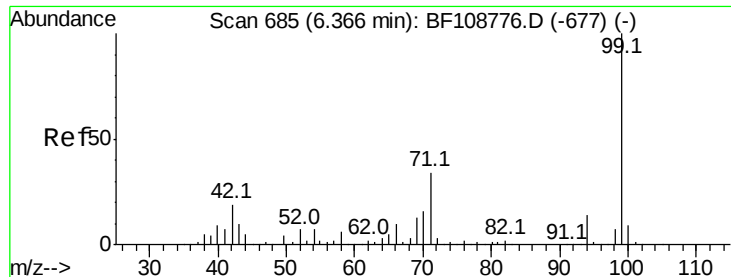
Abundance

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: 9.088 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

Instrument :

BNA_F

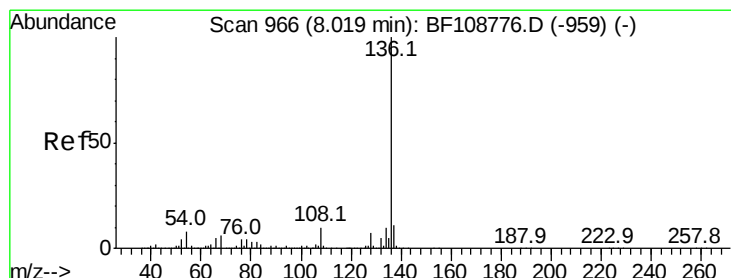
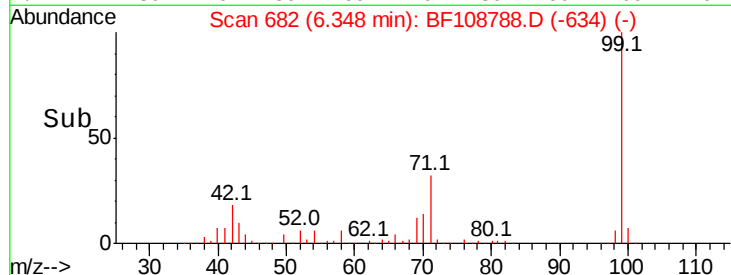
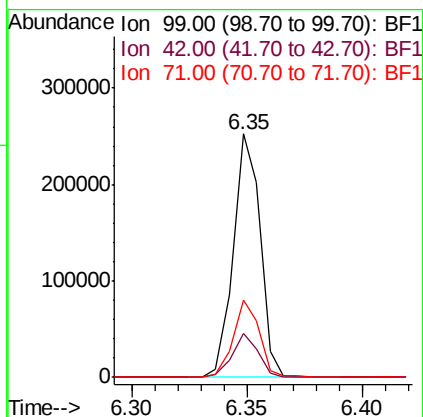
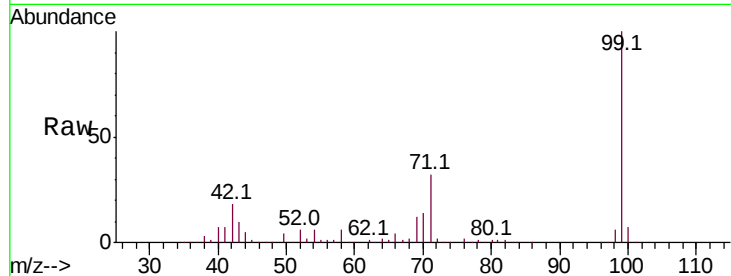
ClientSampleId :

AOC3-01-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		204965		
42	18.1	14.5	21.7		
71	31.7	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

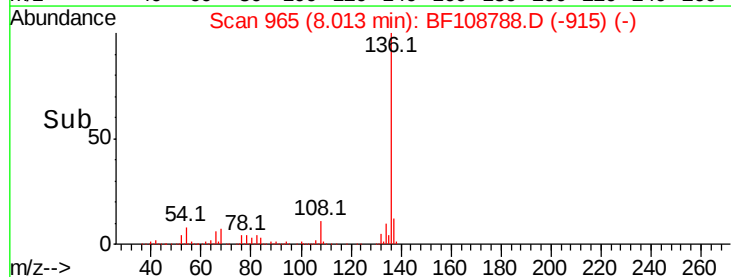
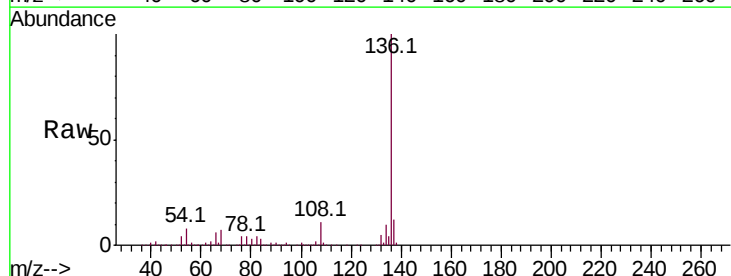
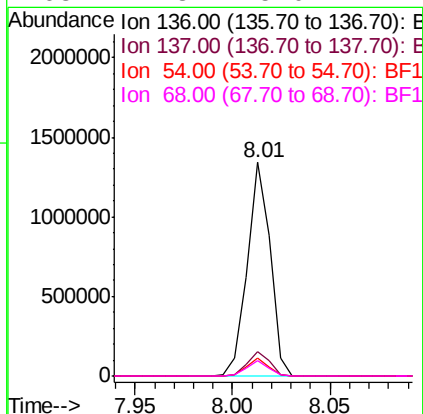
RT: 8.01 min Scan# 965

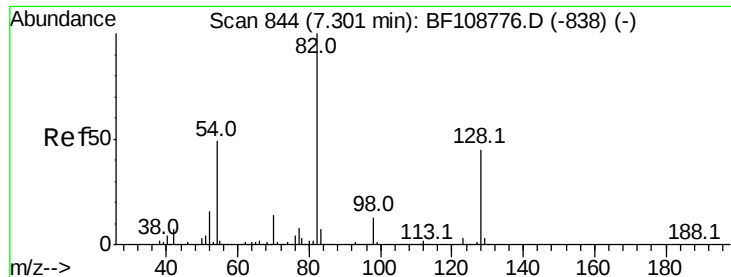
Delta R.T. -0.01 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1089366		
137	11.6	8.9	13.3		
54	8.3	6.6	9.8		
68	7.3	5.0	7.4		





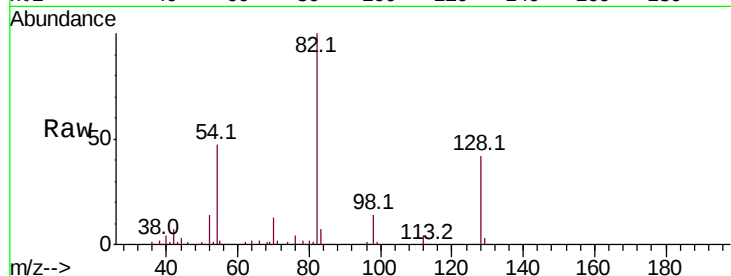
#23
Nitrobenzene-d5
Concen: 6.094 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Instrument :
BNA_F
ClientSampleId :
AOC3-01-B

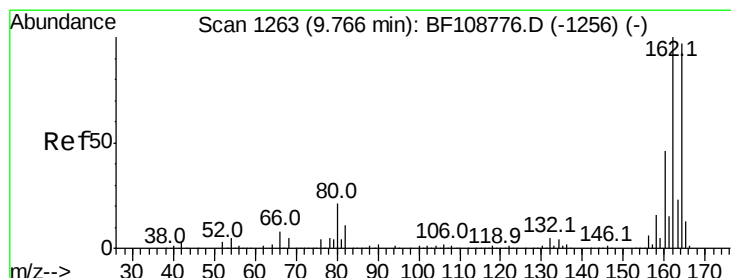
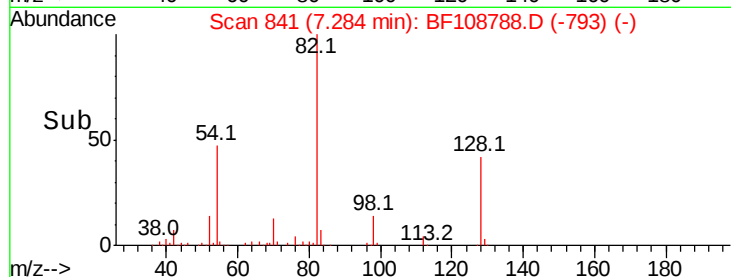
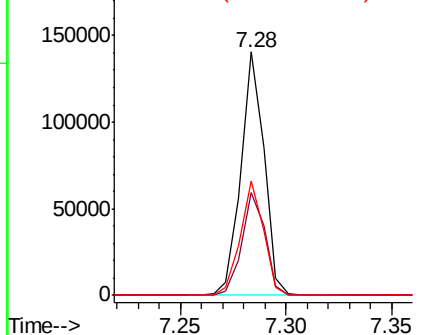
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.1	54.1
54	47.0	41.4	62.2

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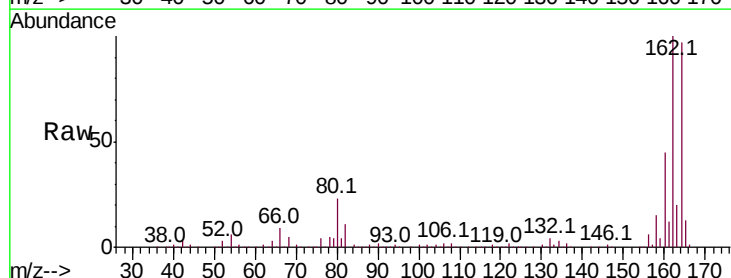


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

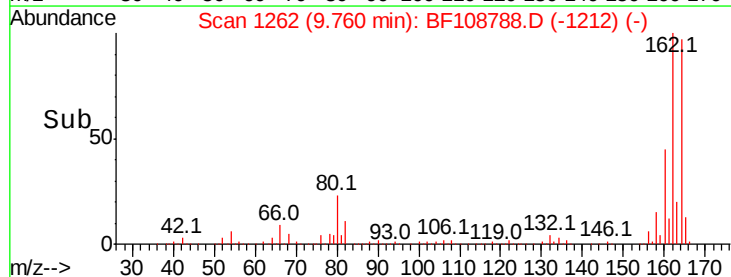
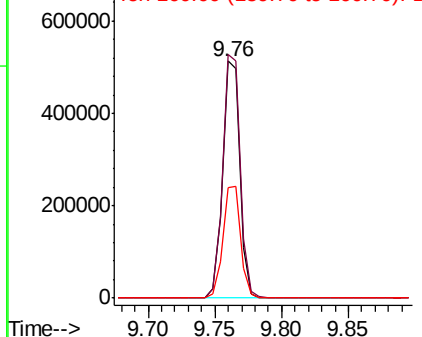


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.4	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





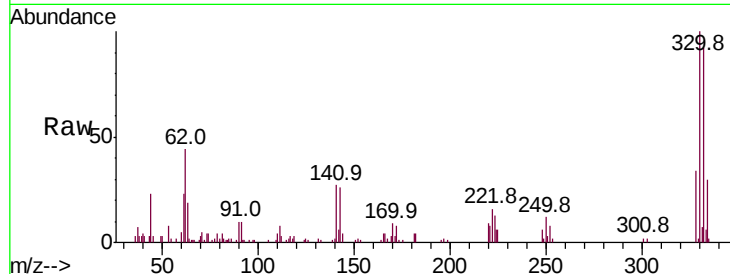
#41
 2,4,6-Tribromophenol
 Concen: 6.211 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108788.D
 Acq: 5 Sep 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-01-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	27799		
332	92.9	77.0	115.6	
141	35.0	29.9	44.9	

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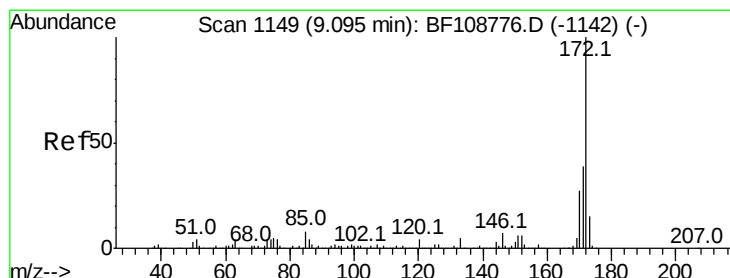
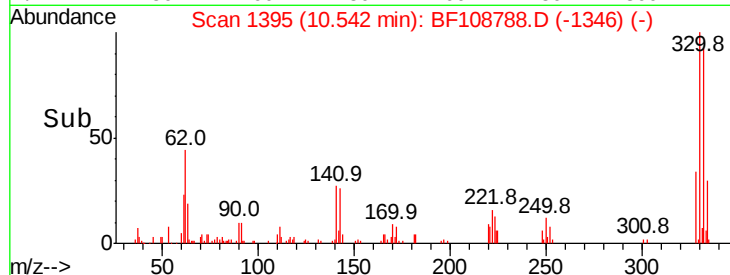
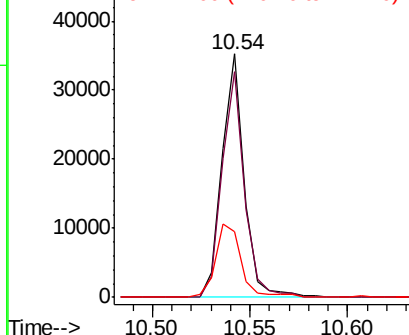


Abundance

Ion 329.80 (329.50 to 330.50): E

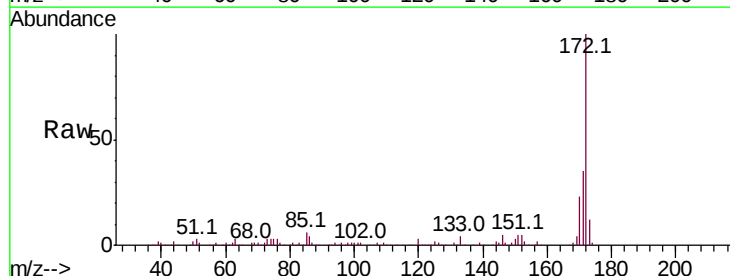
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 8.127 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108788.D
 Acq: 5 Sep 2018 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	223321		
171	34.9	29.7	44.5	
170	22.7	19.6	29.4	

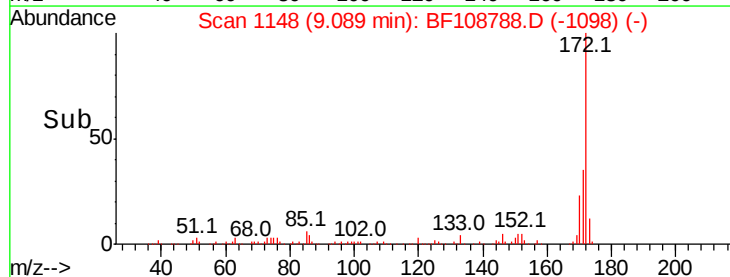
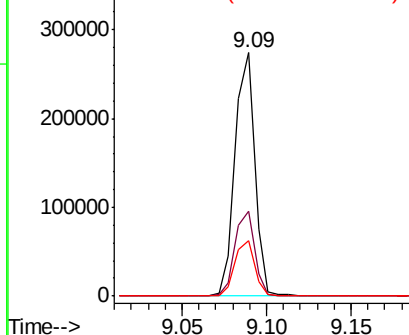


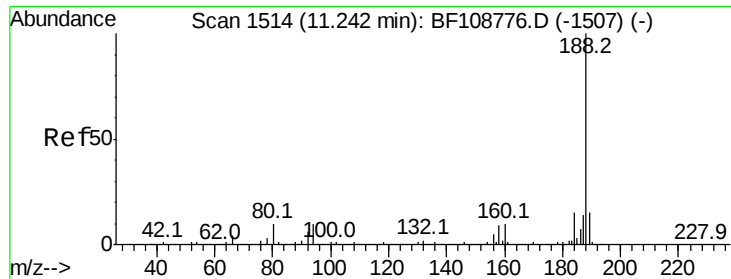
Abundance

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





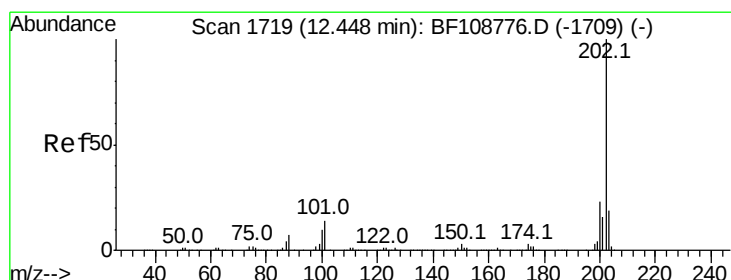
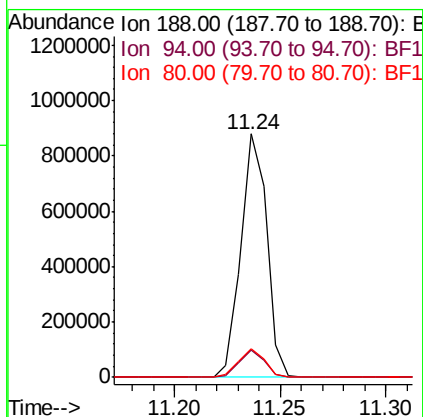
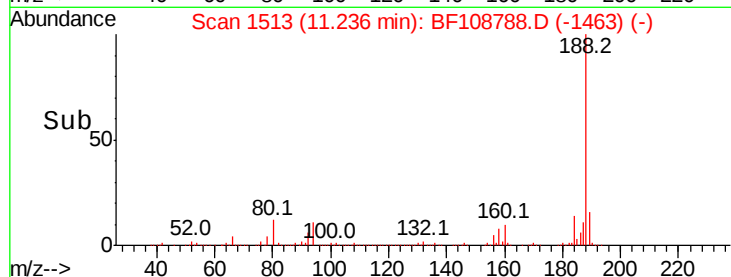
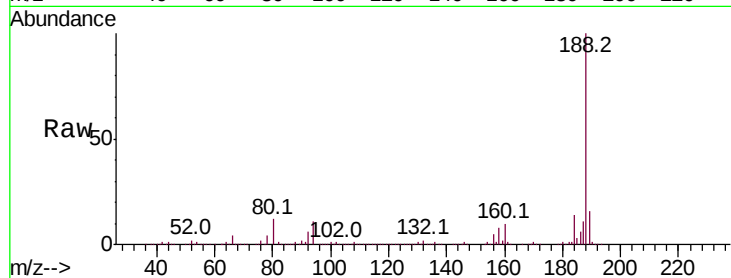
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Instrument :
BNA_F
ClientSampled :
AOC3-01-B

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.3	8.5	12.7
80	11.7	9.2	13.8

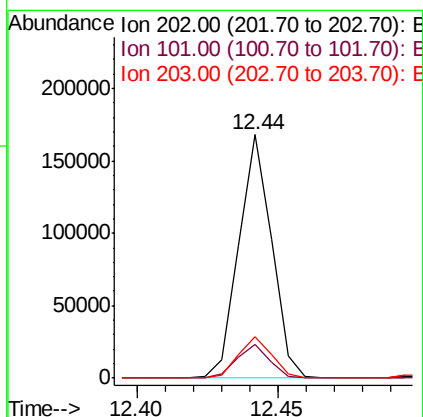
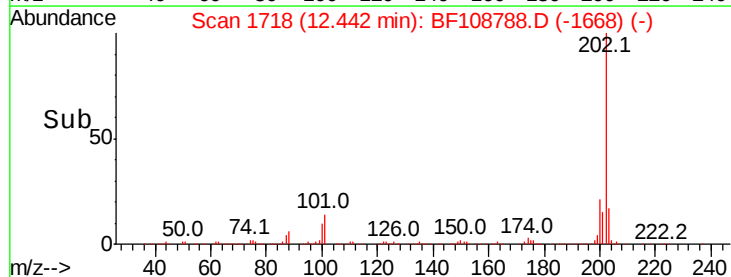
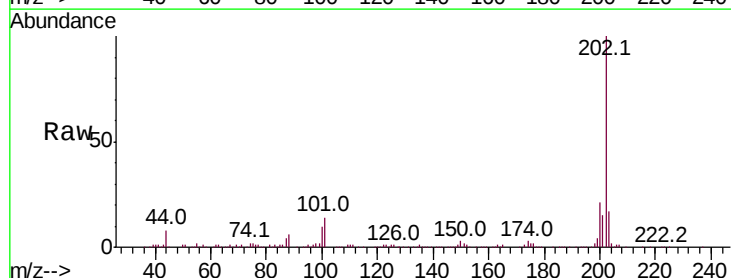
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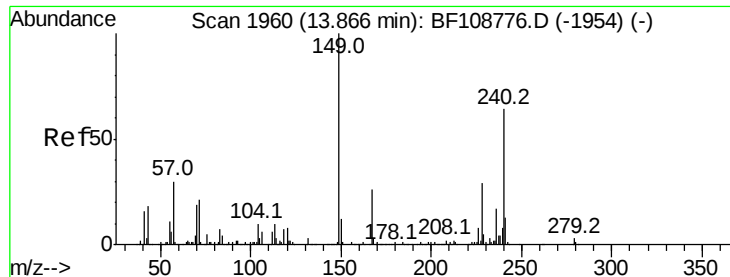
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#74
Fluoranthene
Concen: 3.853 ng
RT: 12.44 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	0.0	34.1
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

Instrument :

BNA_F

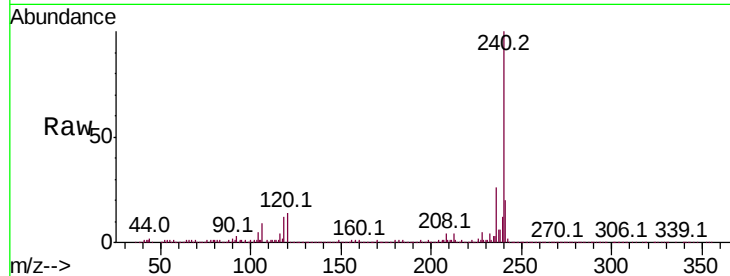
ClientSampleId :

AOC3-01-B

Tot Ion	Ratio	Resp	Lower	Upper
240	100	613127		
120	13.8	9.5	14.3	
236	25.9	20.7	31.1	

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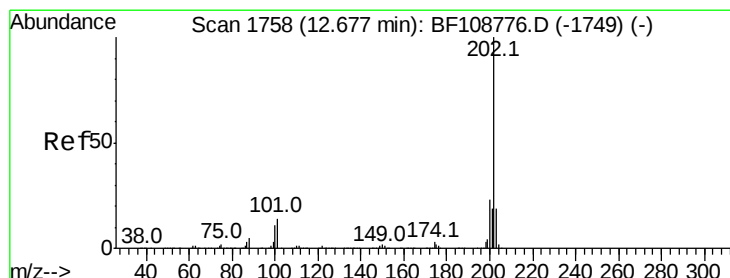
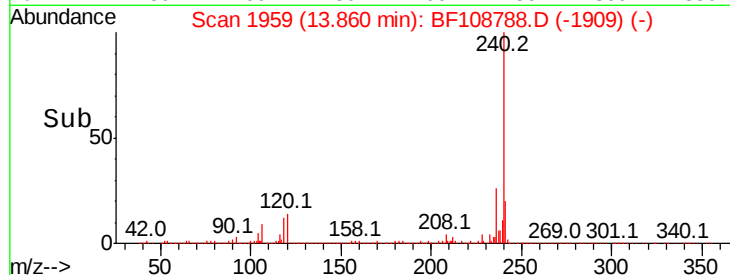
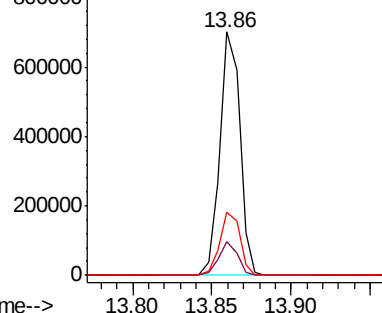


Abundance

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: 2.771 ng

RT: 12.67 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

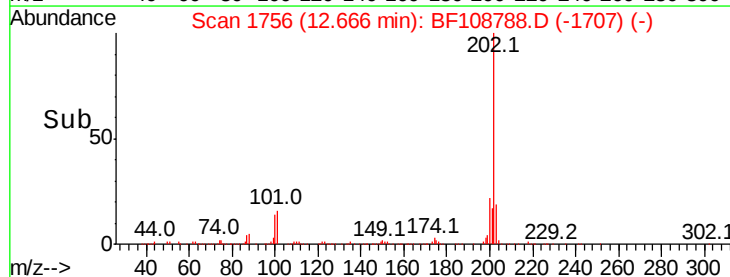
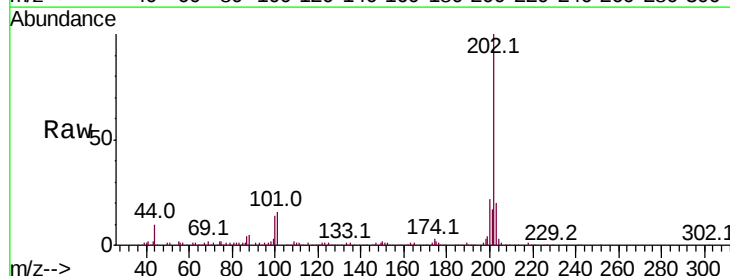
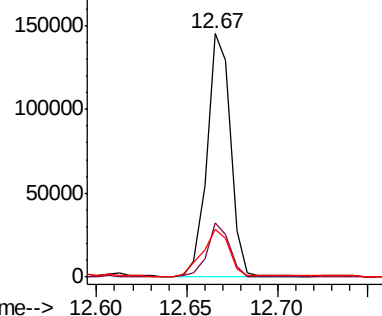
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	130710		
200	22.2	17.4	26.2	
203	19.6	14.3	21.5	

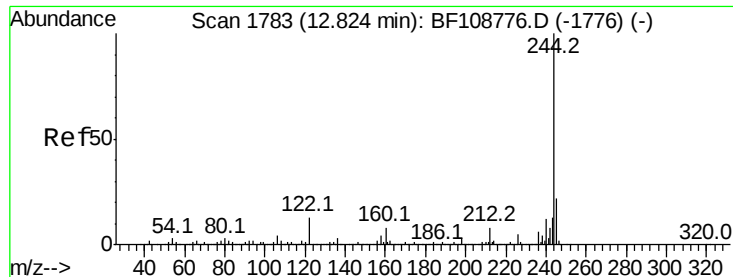
Abundance

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: 6.419 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

Instrument :

BNA_F

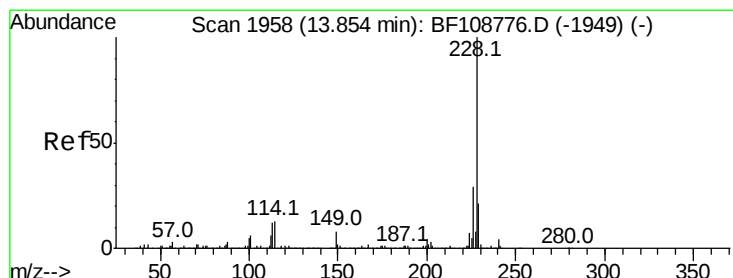
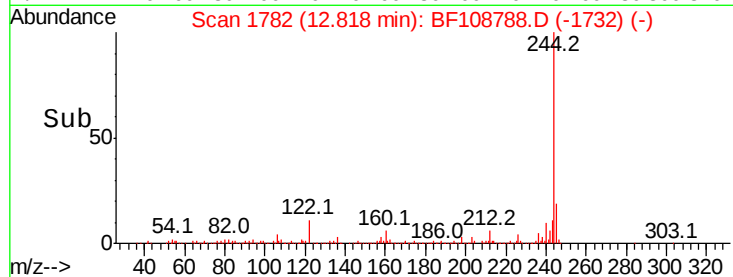
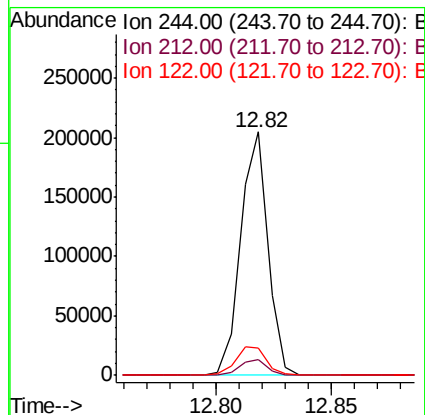
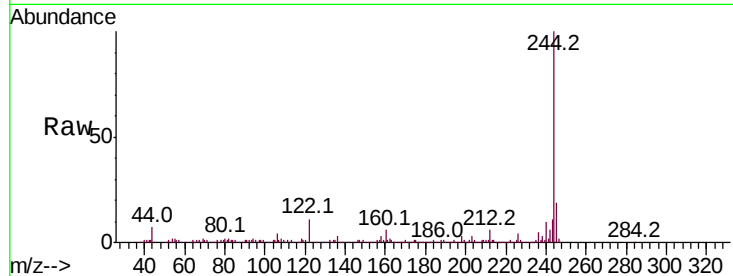
ClientSampled :

AOC3-01-B

Tot Ion:	244	Resp:	168771
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.4	8.0
122	11.3	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 2.039 ng

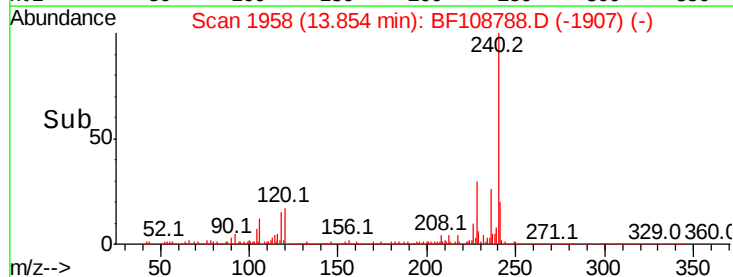
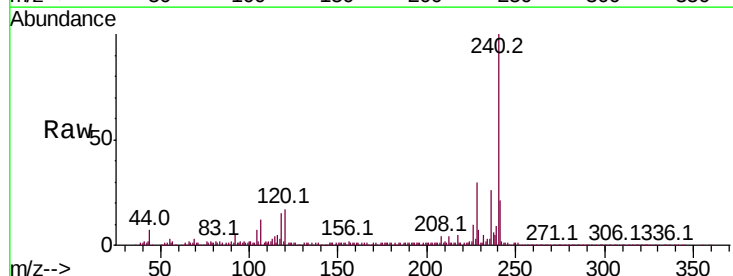
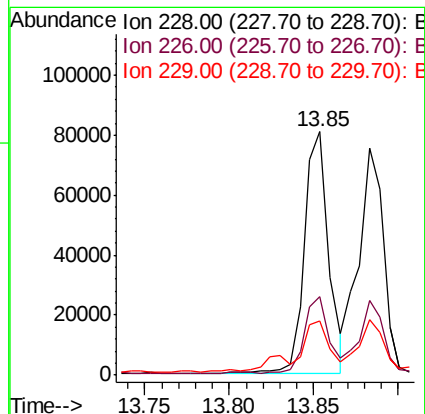
RT: 13.85 min Scan# 1958

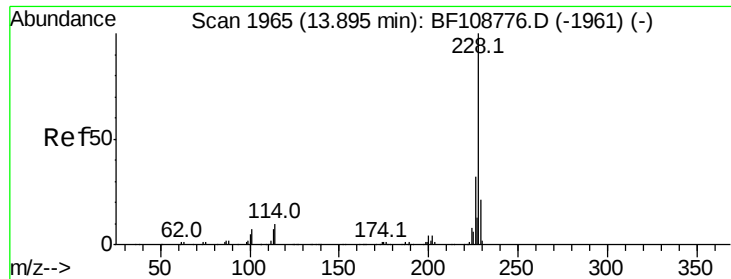
Delta R.T. -0.00 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

Tgt Ion:	228	Resp:	80119
Ion Ratio	Lower	Upper	
228	100		
226	32.3	22.6	33.8
229	22.4	15.8	23.6





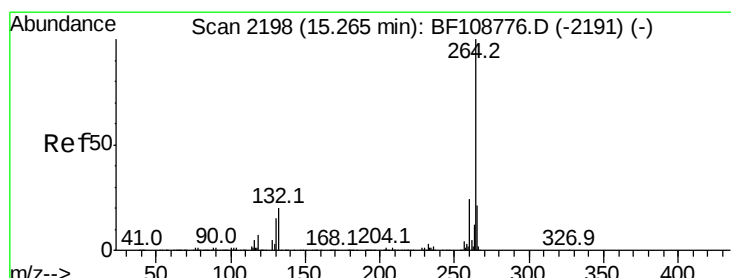
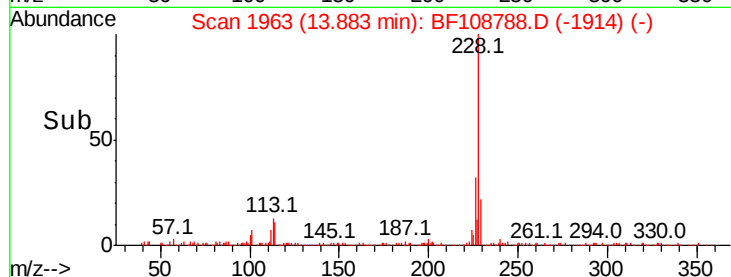
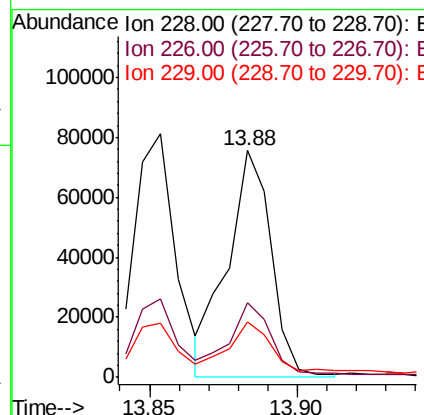
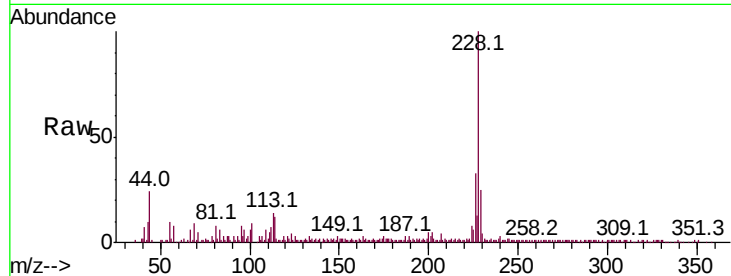
#82
Chrysene
Concen: 2.069 ng/mL
RT: 13.88 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Instrument :
BNA_F
ClientSampleID :
AOC3-01-B

Tot Ion:	228	Resp:	78701
Ion Ratio	Lower	Upper	
228	100		
226	32.8	25.0	37.6
229	24.5	16.2	24.4

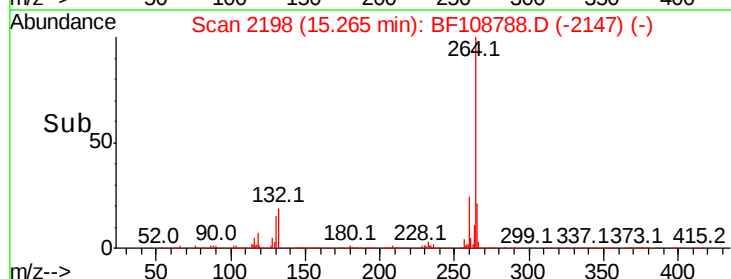
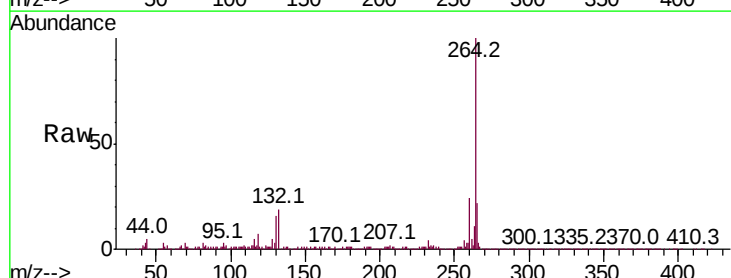
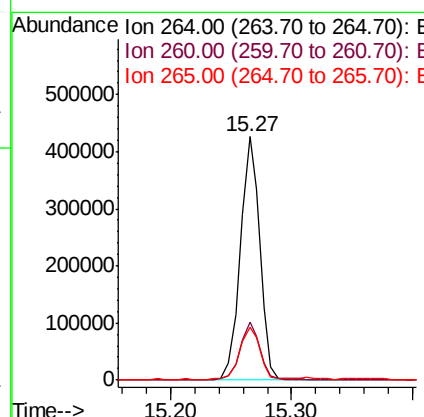
Manual Integrations
APPROVED

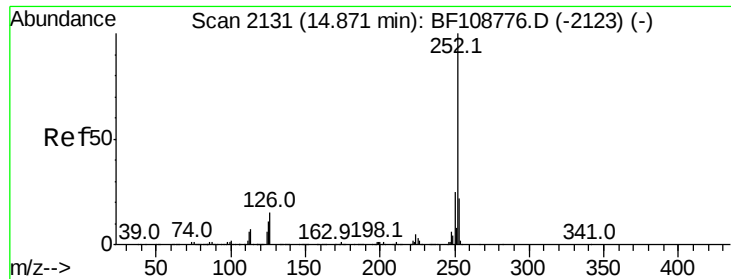
Sohil
9/6/2018 4:45:00 PM



#86
Perylene-d12
Concen: 20.000 ng/mL
RT: 15.27 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BF108788.D
Acq: 5 Sep 2018 21:40

Tgt Ion:	264	Resp:	479769
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 3.805 ng/mL

RT: 14.87 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

Instrument :

BNA_F

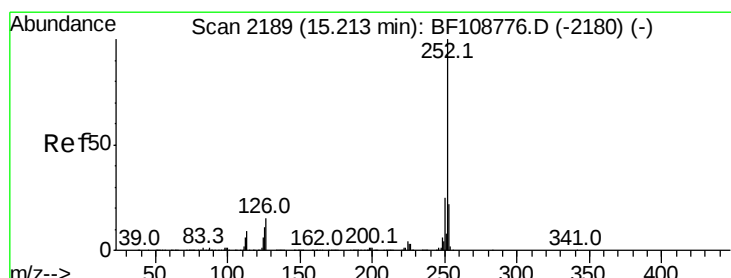
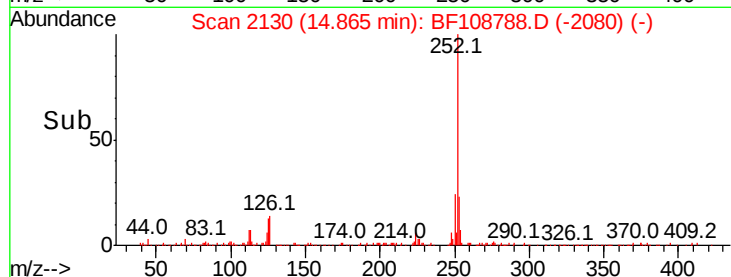
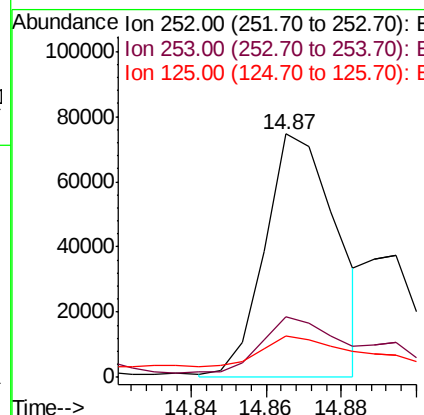
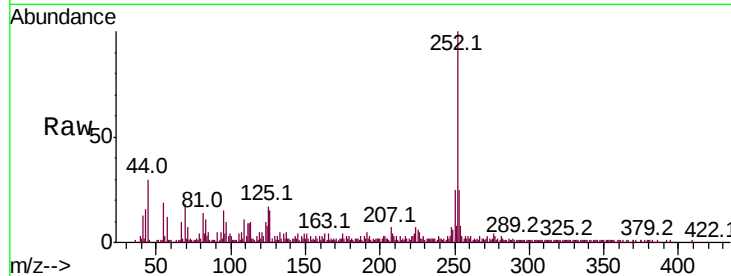
ClientSampled :

AOC3-01-B

Tot Ion:	252	Resp:	99273
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.0	25.6
125	17.1	9.0	13.6#

Manual Integrations
APPROVED

Sohil
9/6/2018 4:45:00 PM



#89

Benzo(a)pyrene

Concen: 2.780 ng/mL

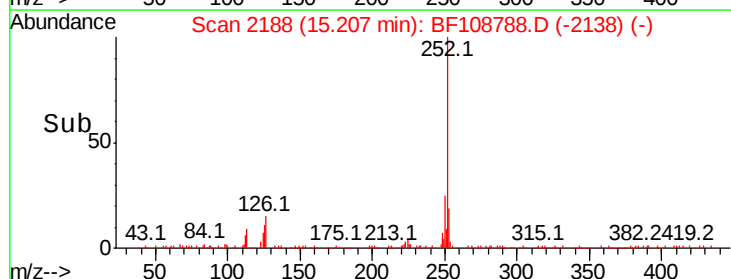
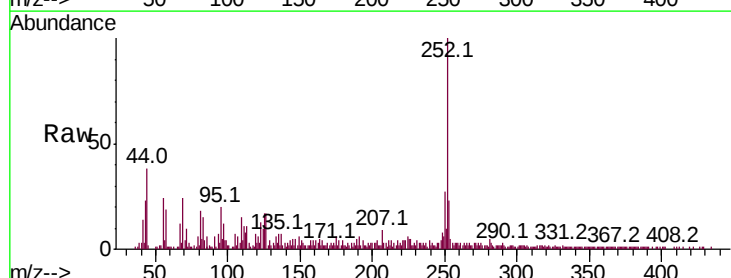
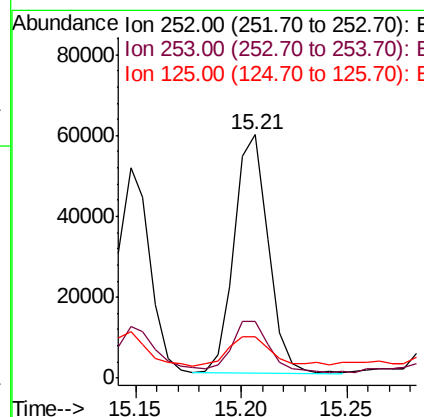
RT: 15.21 min Scan# 2188

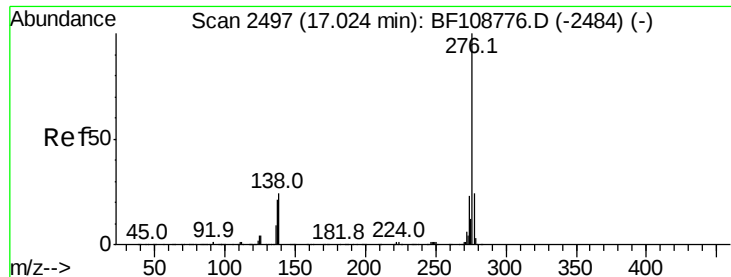
Delta R.T. -0.01 min

Lab File: BF108788.D

Acq: 5 Sep 2018 21:40

Tgt Ion:	252	Resp:	65430
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.1	25.7
125	17.1	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.557 ng
 RT: 17.01 min Scan# 2495
 Delta R.T. -0.01 min
 Lab File: BF108788.D
 Acq: 5 Sep 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-01-B

Tot Ion:	276	Resp:	53100
Ion Ratio	Lower	Upper	
276	100		
277	25.3	17.9	26.9
138	23.4	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/6/2018 4:45:00 PM

