

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108787.D
 Acq On : 5 Sep 2018 21:12
 Operator : JU/SJ
 Sample : J4741-16 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC10-01-D

Manual Integrations
 APPROVED

Sohil
 9/6/2018 4:44:58 PM

Quant Time: Sep 06 06:41:24 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	298883	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	1116393	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	480056	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	765029	20.00	ng	0.00
75) Chrysene-d12	13.86	240	638080	20.00	ng	0.00
86) Perylene-d12	15.27	264	517360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	148271	8.22	ng	-0.01
7) Phenol-d6	6.35	99	194193	8.37	ng	-0.02
23) Nitrobenzene-d5	7.28	82	102216	5.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	26485	5.78	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	206134	7.33	ng	0.00
78) Terphenyl-d14	12.82	244	153152	5.60	ng	0.00
Target Compounds						
70) Phenanthrene	11.26	178	79785	2.184	ng	99
74) Fluoranthene	12.44	202	146797	4.058	ng	98
77) Pyrene	12.67	202	127049	2.588	ng	99
79) Butylbenzylphthalate	13.29	149	58004	2.623	ng	96
87) Benzo(b)fluoranthene	14.87	252	69395m	2.467	ng	

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

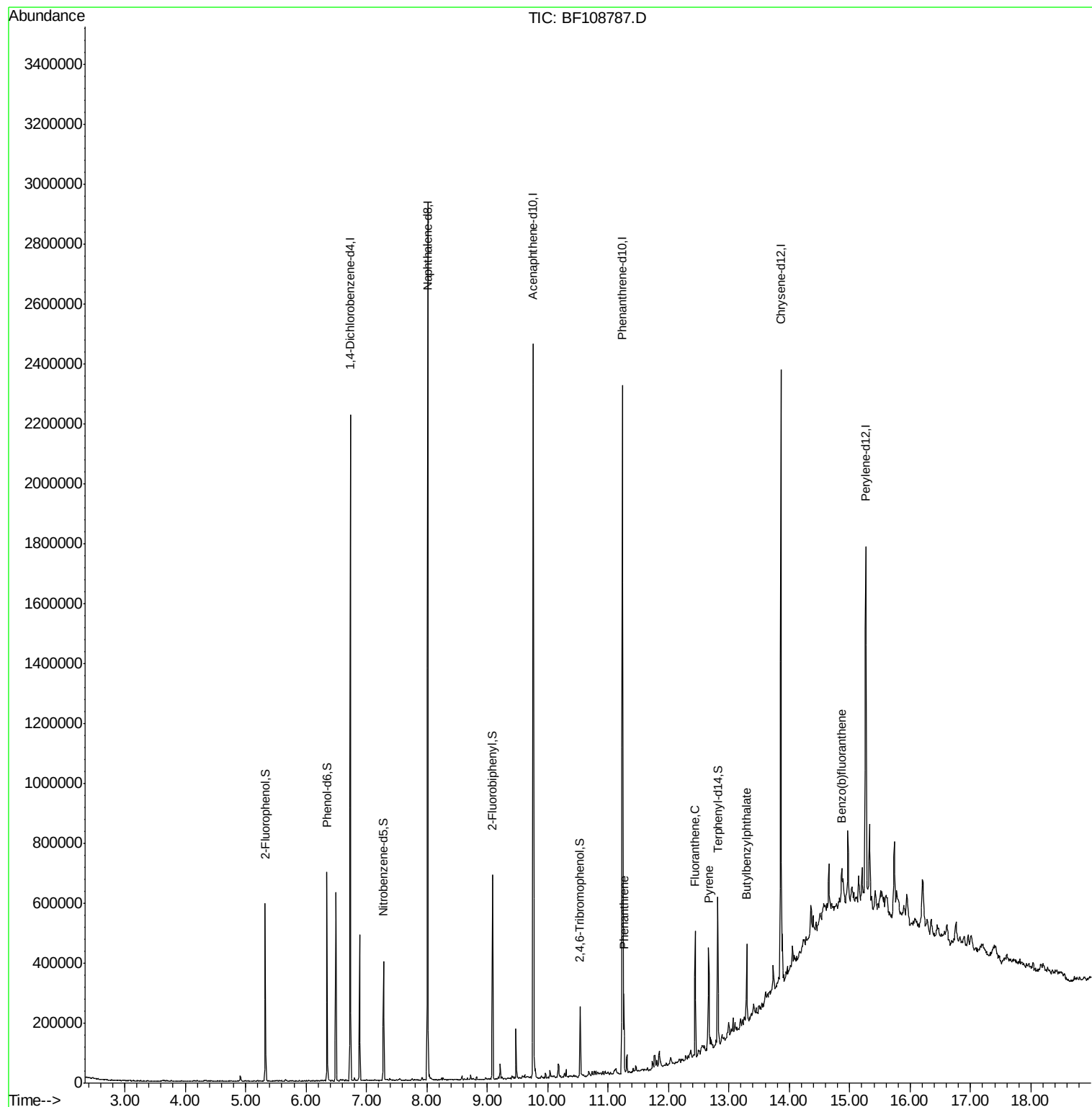
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108787.D
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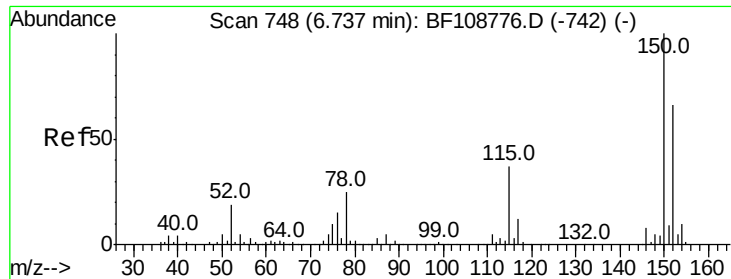
Instrument :
BNA_F
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AOC10-01-D

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#1

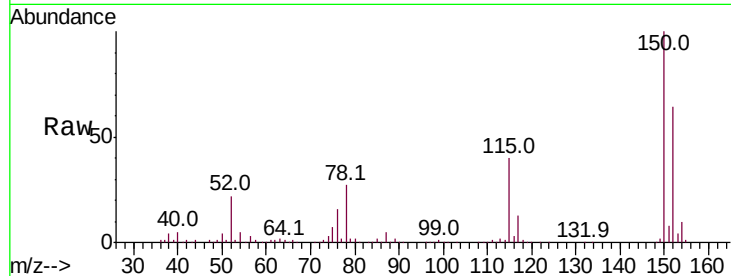
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :
AOC10-01-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	63.6	50.1	75.1

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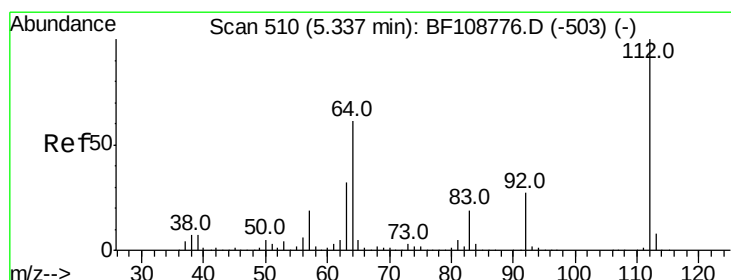
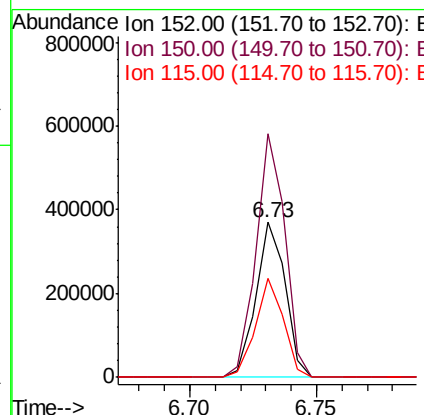
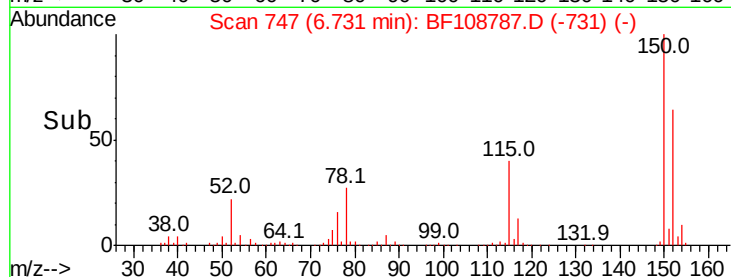


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

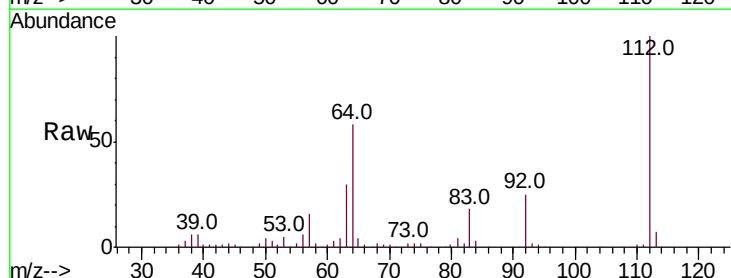
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 8.218 ng
RT: 5.32 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	30.0	23.7	35.5

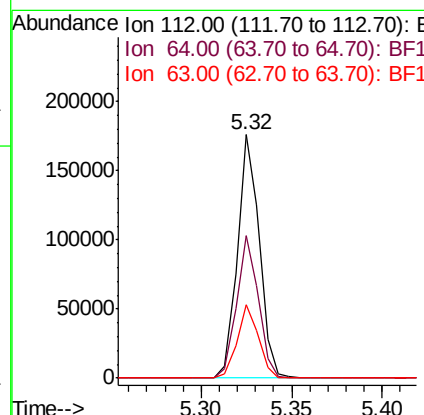
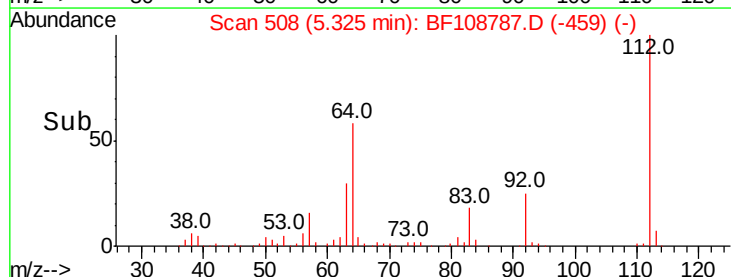


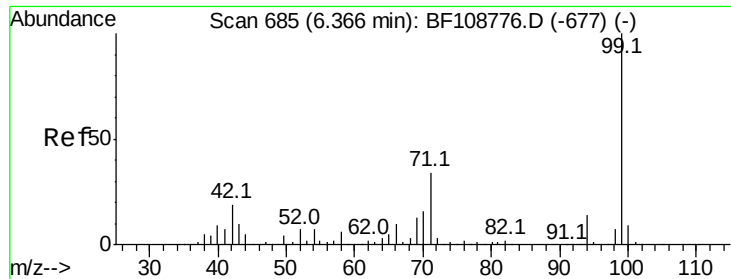
Abundance

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: 8.366 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF108787.D

Acq: 5 Sep 2018 21:12

Instrument :

BNA_F

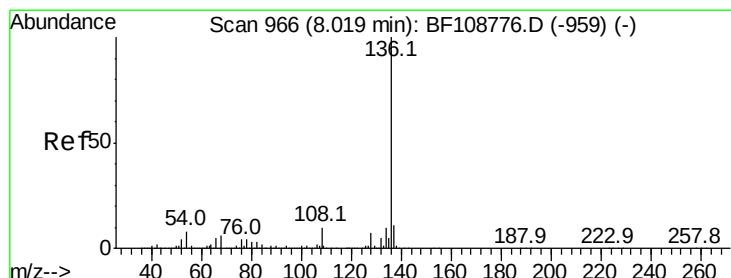
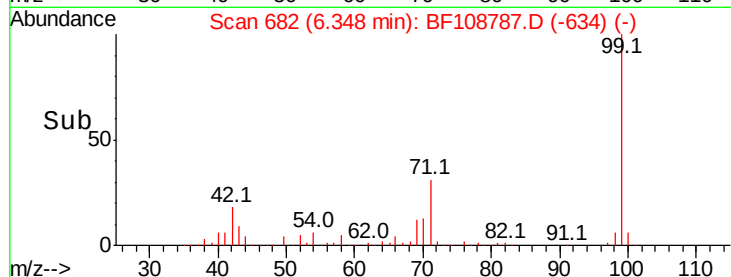
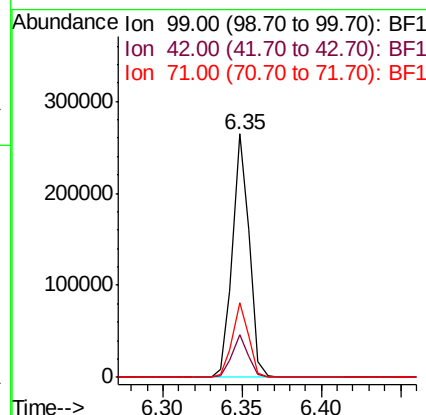
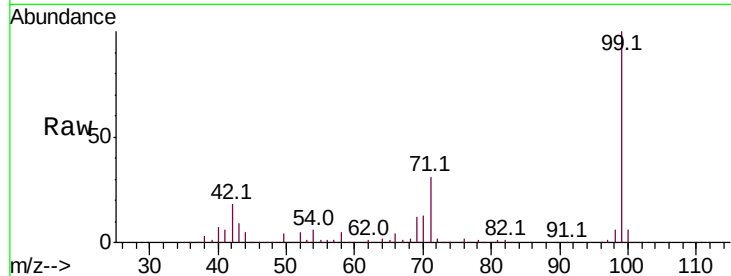
ClientSampleId :

AOC10-01-D

Tot Ion:	99	Resp:	194193
Ion Ratio	Lower	Upper	
99	100		
42	17.6	14.5	21.7
71	30.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

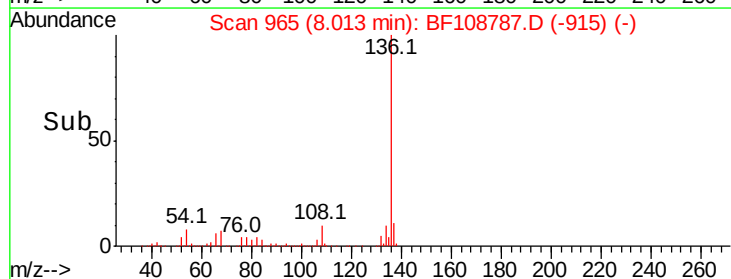
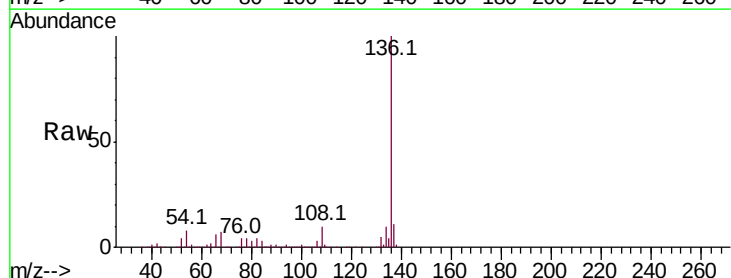
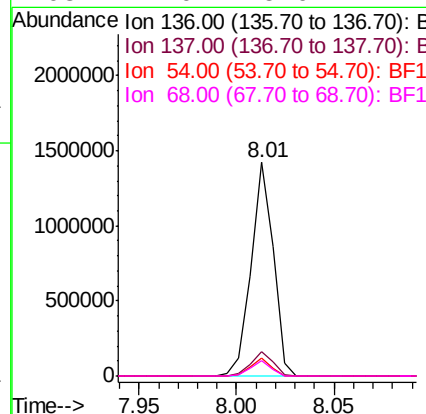
RT: 8.01 min Scan# 965

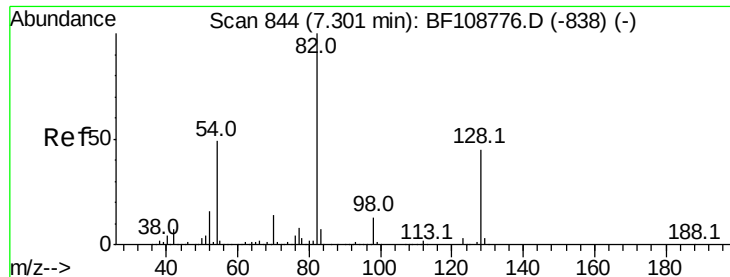
Delta R.T. -0.01 min

Lab File: BF108787.D

Acq: 5 Sep 2018 21:12

Tgt Ion:	136	Resp:	1116393
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	8.2	6.6	9.8
68	7.0	5.0	7.4





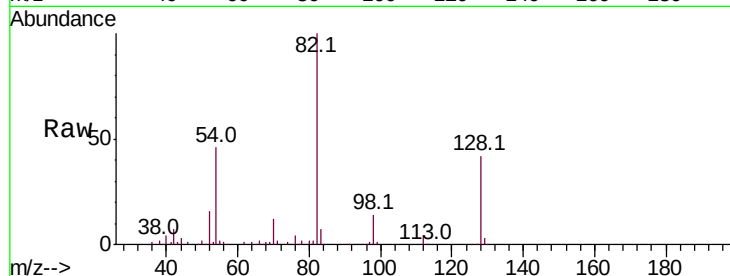
#23
Nitrobenzene-d5
Concen: 5.730 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :
AOC10-01-D

Tot Ion	Ratio	Resp	Lower	Upper
82	100	102216		
128	41.9	36.1	54.1	
54	46.2	41.4	62.2	

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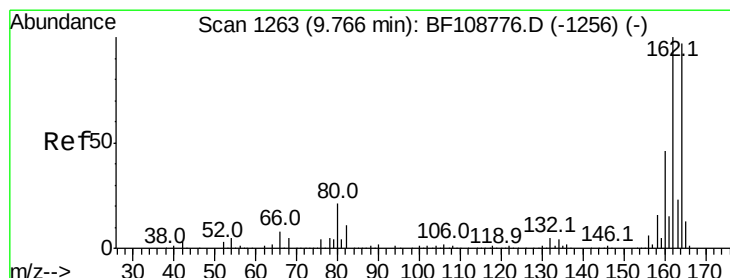
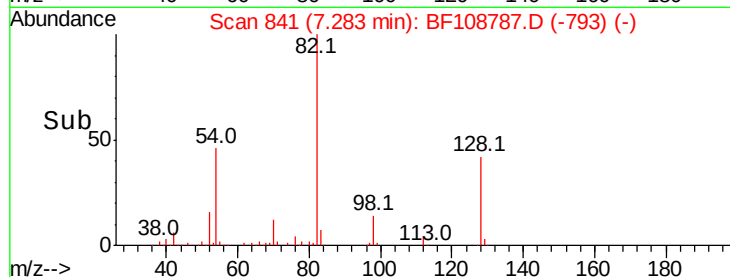
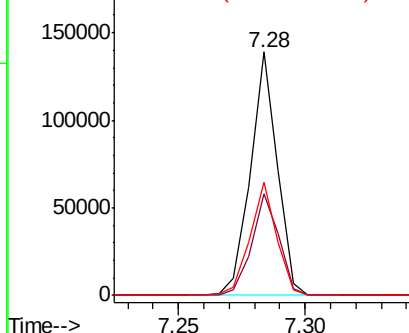


Abundance

Ion 82.00 (81.70 to 82.70): BF1

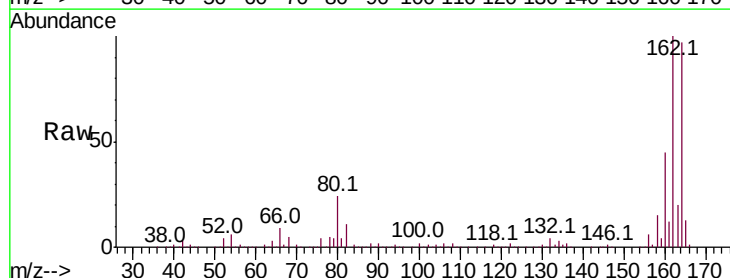
Ion 128.00 (127.70 to 128.70): BF1

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: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	480056		
162	103.1	86.1	129.1	
160	46.3	38.3	57.5	

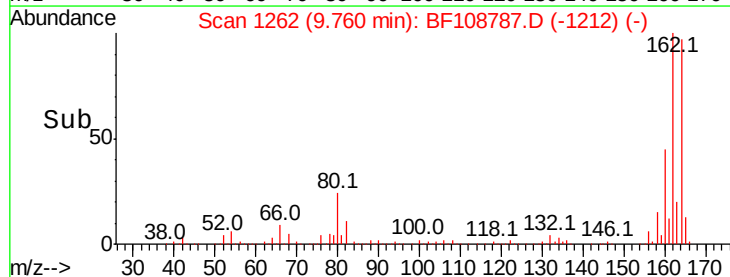
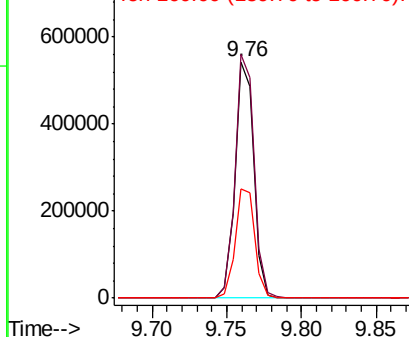


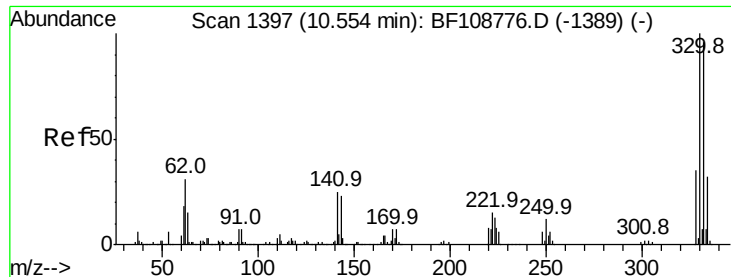
Abundance

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





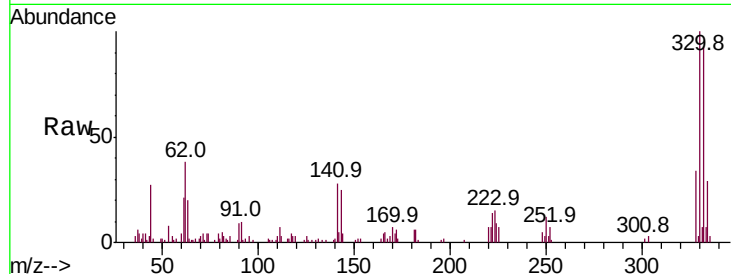
#41
 2,4,6-Tribromophenol
 Concen: 5.779 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108787.D
 Acq: 5 Sep 2018 21:12

Instrument :
 BNA_F
 ClientSampleId :
 AOC10-01-D

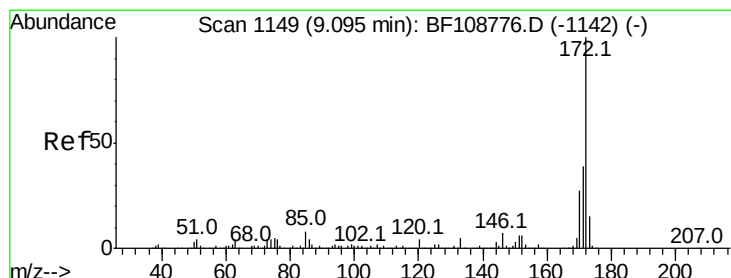
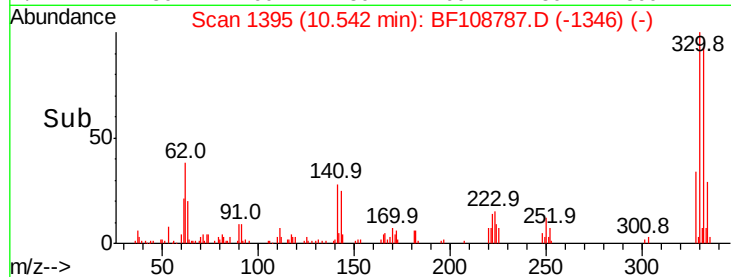
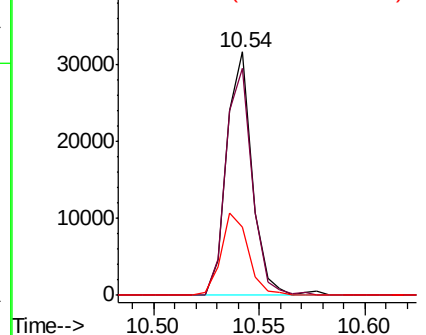
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	35.8	29.9	44.9

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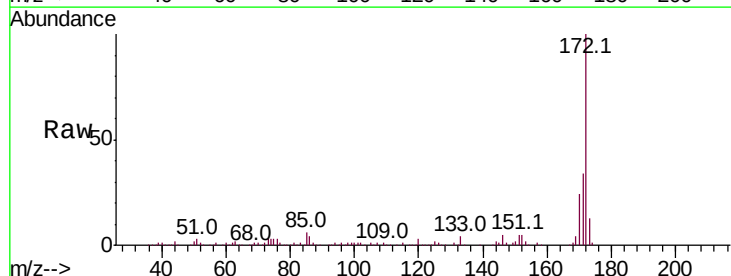


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

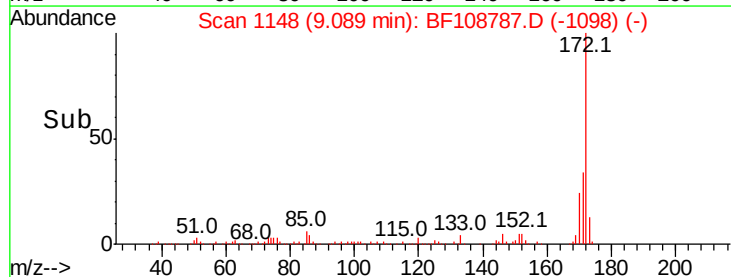
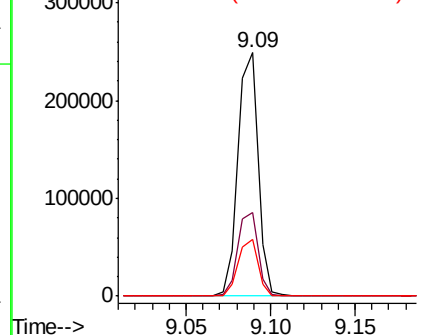


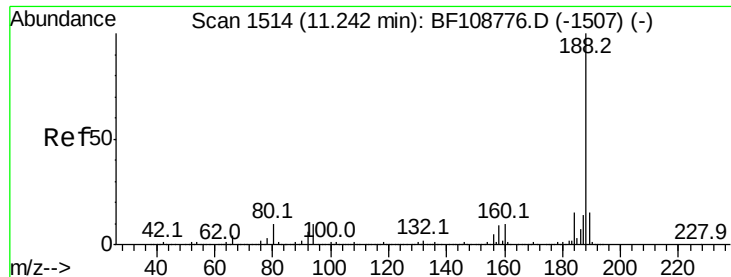
#44
 2-Fluorobiphenyl
 Concen: 7.325 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108787.D
 Acq: 5 Sep 2018 21:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	23.5	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





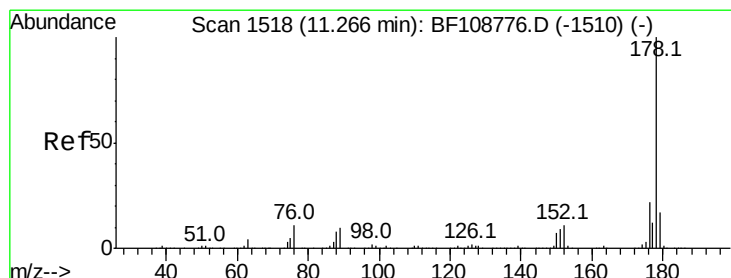
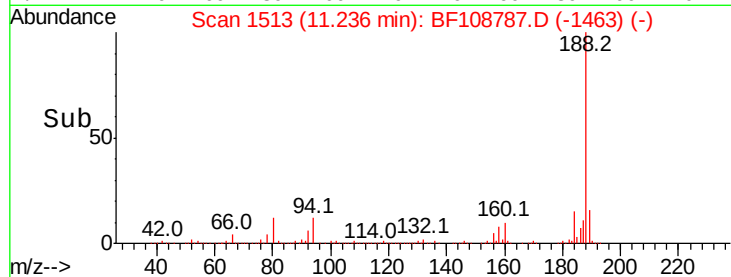
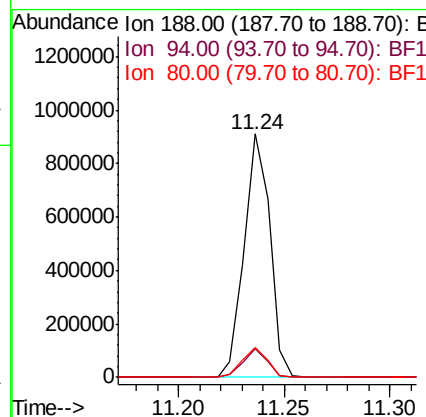
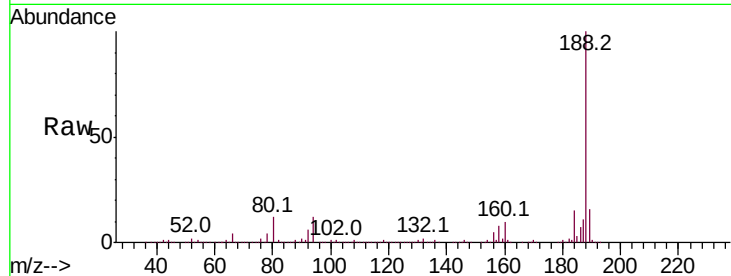
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :
AOC10-01-D

Tot Ion	Ratio	Resp	Lower	Upper
188	100	765029		
94	11.6		8.5	12.7
80	12.0		9.2	13.8

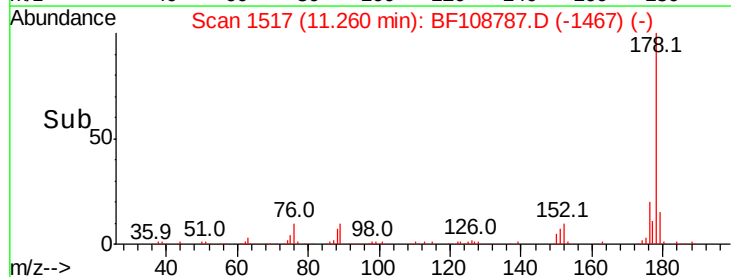
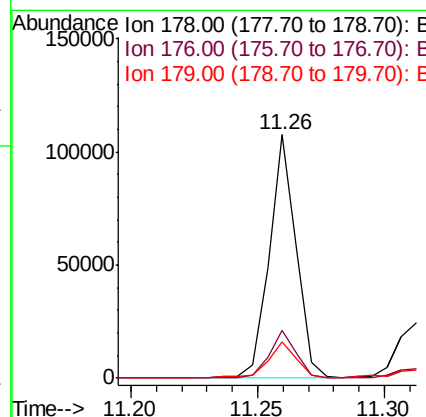
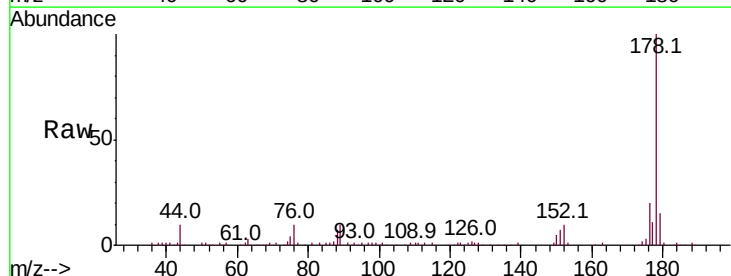
Manual Integrations
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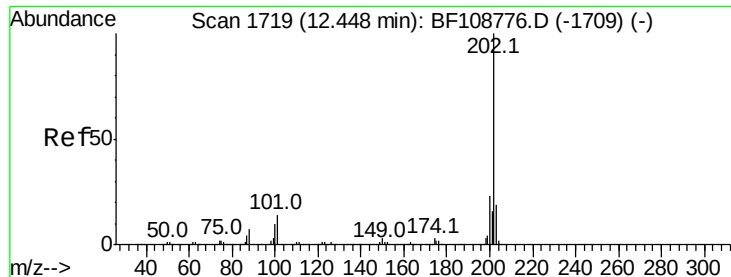
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#70
Phenanthrene
Concen: 2.184 ng
RT: 11.26 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	79785		
176	19.9		15.8	23.8
179	15.1		13.0	19.6





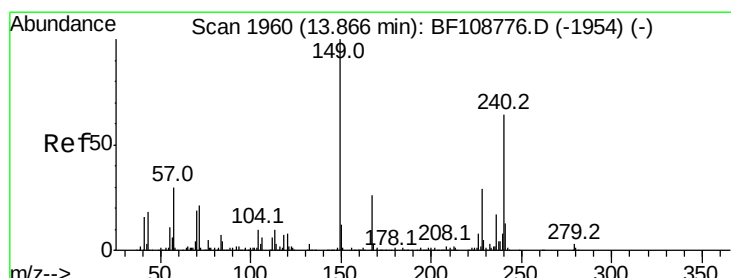
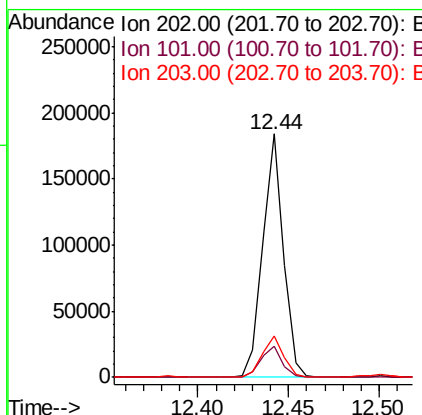
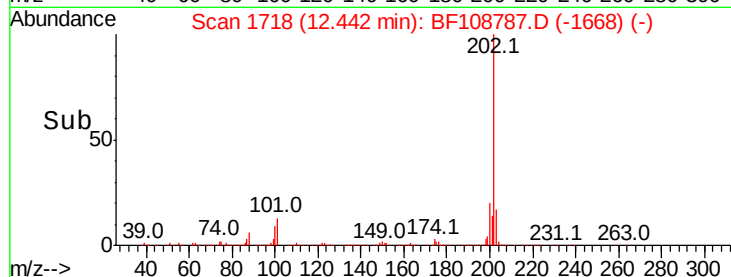
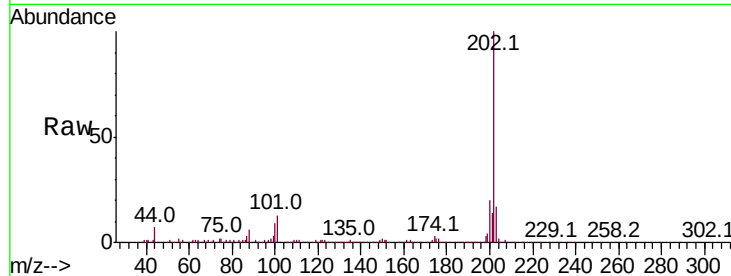
#74
Fluoranthene
Concen: 4.058 ng
RT: 12.44 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampled :
AOC10-01-D

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.0	0.0	34.1
203	17.1	0.0	38.1

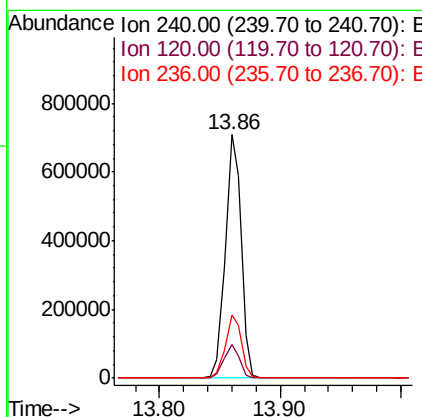
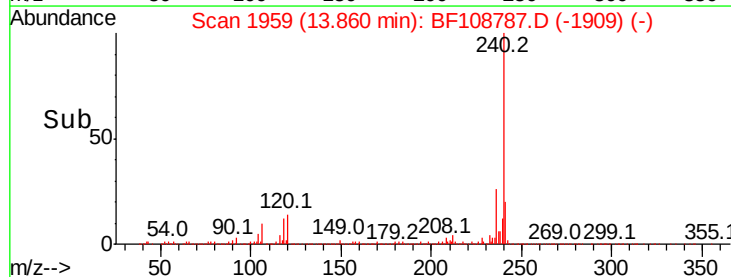
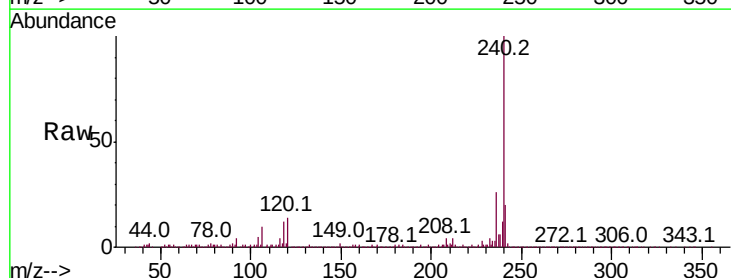
Manual Integrations
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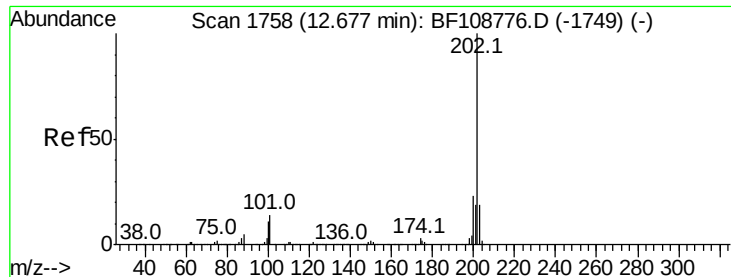
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.0	9.5	14.3
236	25.8	20.7	31.1





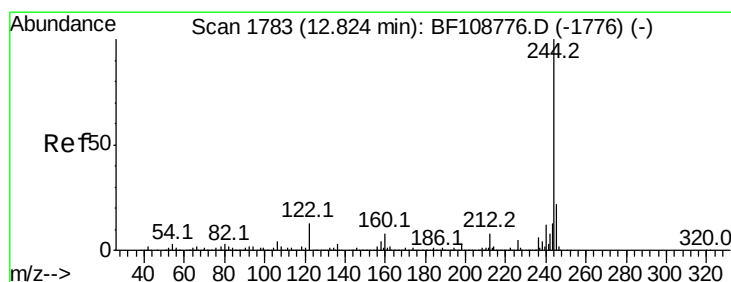
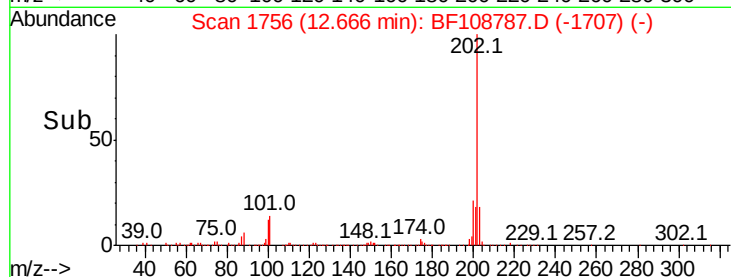
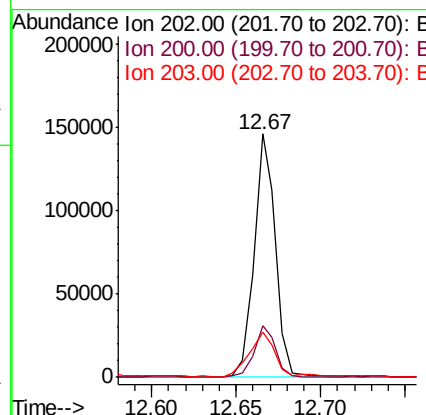
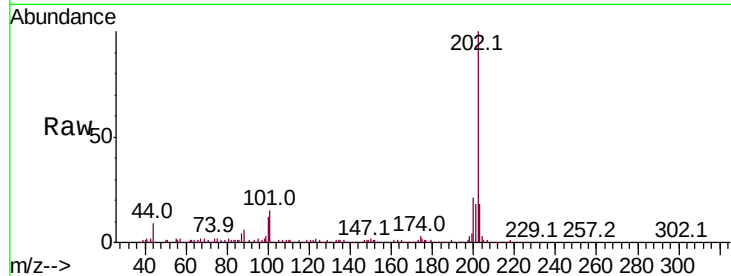
#77
Pvrene
Concen: 2.588 ng
RT: 12.67 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :
AOC10-01-D

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.5	14.3	21.5

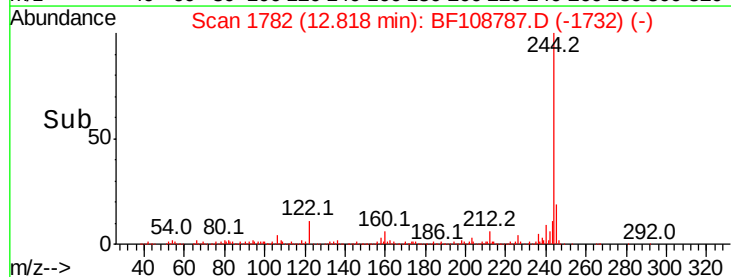
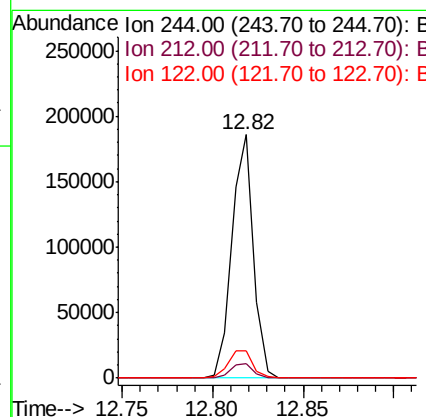
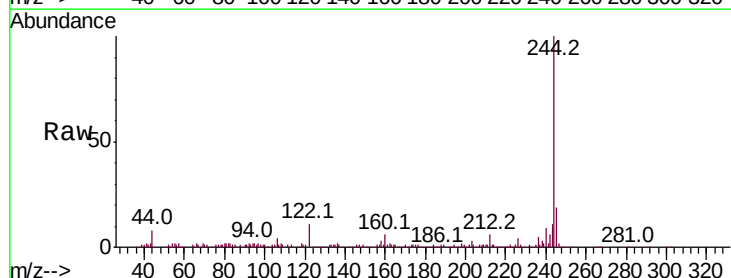
Manual Integrations
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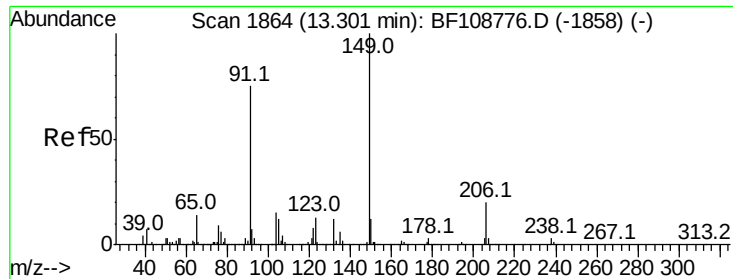
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#78
Terphenyl-d14
Concen: 5.597 ng
RT: 12.82 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.2	5.4	8.0
122	11.1	11.0	16.4





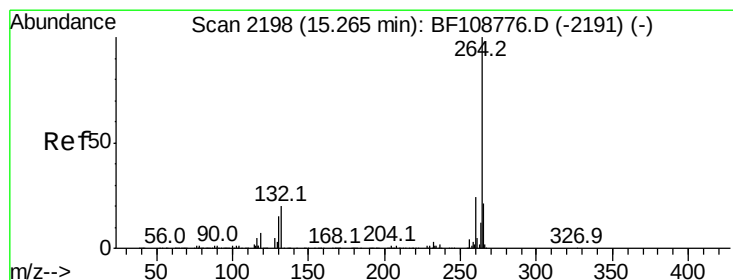
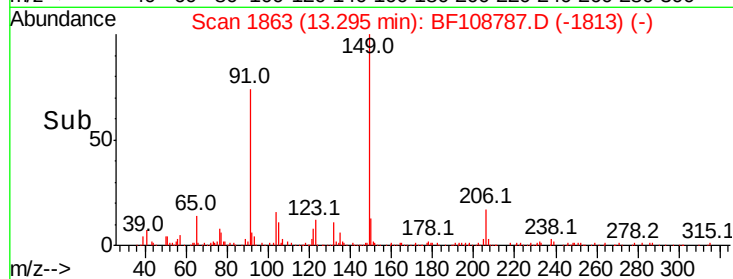
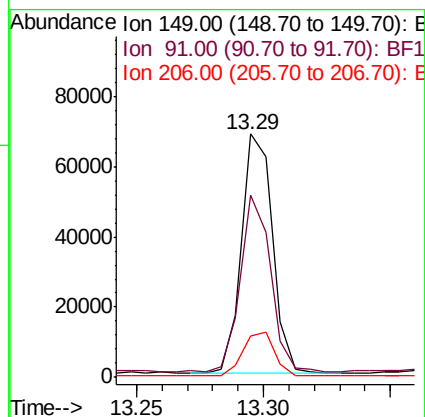
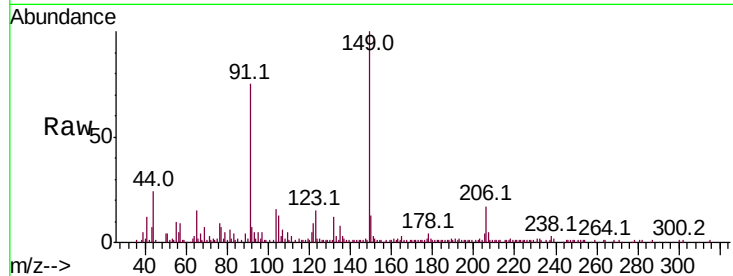
#79
Butylbenzylphthalate
Concen: 2.623 ng
RT: 13.29 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Instrument :
BNA_F
ClientSampleId :
AOC10-01-D

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.6	56.8	85.2
206	16.9	14.1	21.1

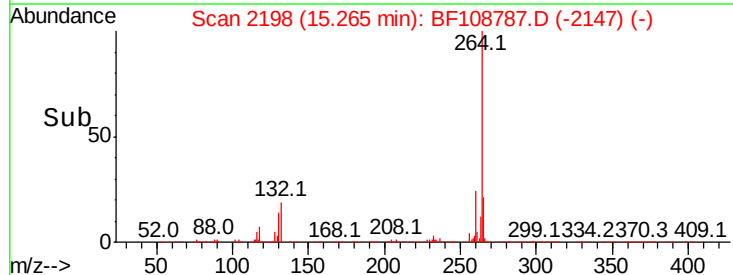
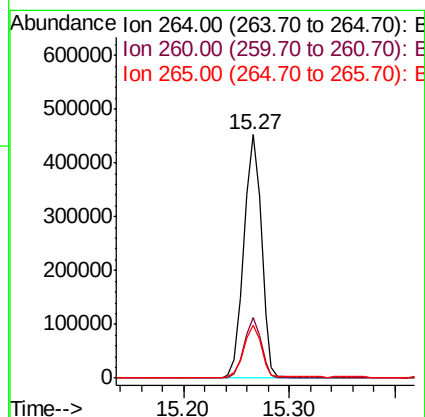
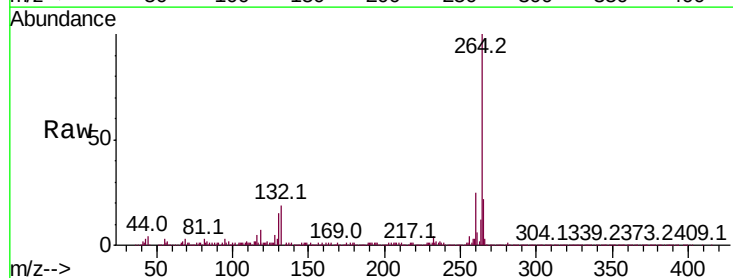
Manual Integrations
APPROVED

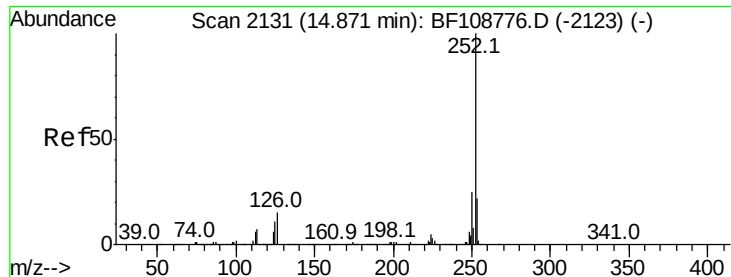
Sohil
9/6/2018 4:44:58 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BF108787.D
Acq: 5 Sep 2018 21:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.7	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.467 ng/mL
 RT: 14.87 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BF108787.D
 Acq: 5 Sep 2018 21:12

Instrument :
 BNA_F
 ClientSampleId :
 AOC10-01-D

Tot Ion:	252	Resp:	69395
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.0	25.6
125	18.4	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 9/6/2018 4:44:58 PM

