

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 Data File : BF108907.D
 Acq On : 10 Sep 2018 21:38
 Operator : JU/SJ
 Sample : J4821-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENY-BC-02

Manual Integrations
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Sohil
 9/11/2018 9:34:17 AM

Quant Time: Sep 11 03:59:29 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	6.74	152	196036	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	707222	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	304338	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	495029	20.00	ng	0.00
75) Chrysene-d12	13.88	240	410829	20.00	ng	0.01
86) Perylene-d12	15.29	264	268820	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1110537	93.85	ng	0.02
7) Phenol-d6	6.38	99	1432793	94.11	ng	0.01
23) Nitrobenzene-d5	7.30	82	930138	82.31	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	263169	90.58	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1457789	81.72	ng	0.00
78) Terphenyl-d14	12.83	244	1134957	64.42	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.49	163	451646	21.218	ng	99
74) Fluoranthene	12.45	202	62310	2.662	ng	96
77) Pyrene	12.68	202	67264	2.128	ng	99
87) Benzo(b)fluoranthene	14.89	252	47204m	3.229	ng	
89) Benzo(a)pyrene	15.23	252	30007	2.275	ng	# 73
91) Benzo(g,h,i)perylene	17.06	276	27493	2.363	ng	# 92

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

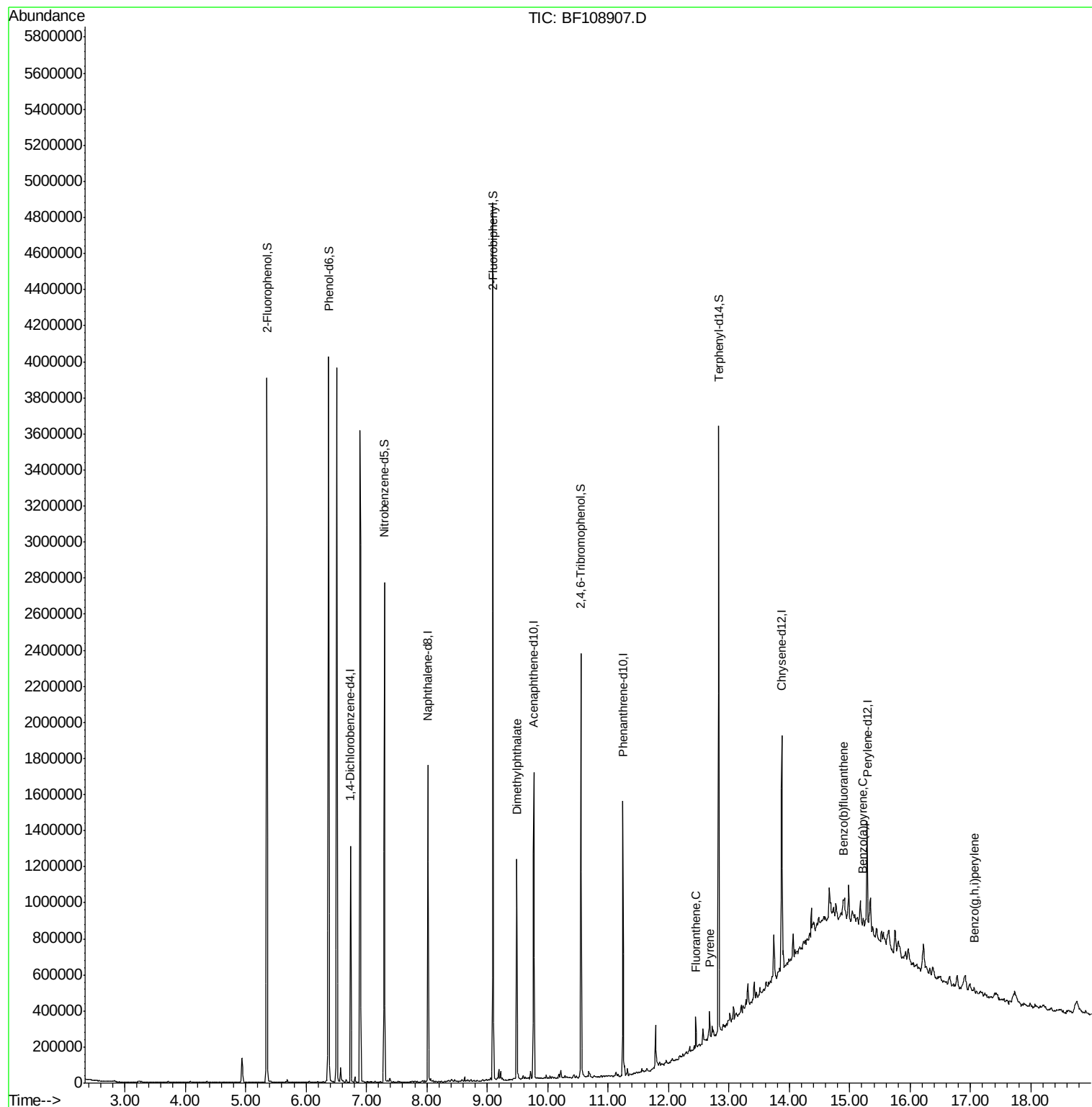
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108907.D
Acq On : 10 Sep 2018 21:38
Operator : JU/SJ
Sample : J4821-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

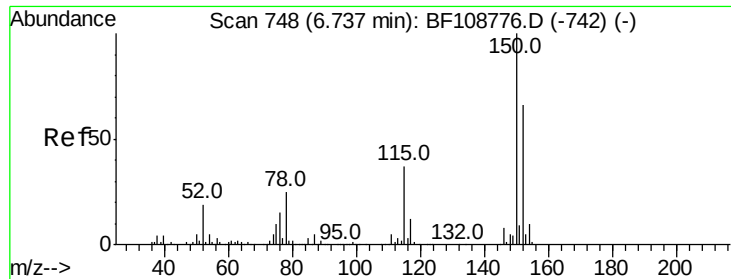
Instrument :
BNA_F
ClientSampleId :
ENY-BC-02

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9/11/2018 9:34:17 AM

Quant Time: Sep 11 03:59:29 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

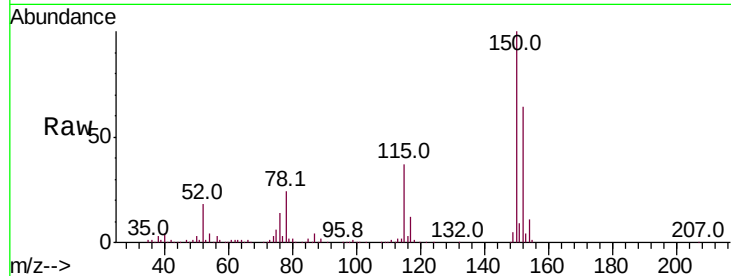
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF108907.D
Acq: 10 Sep 2018 21:38

Instrument :
BNA_F
ClientSampled :
ENY-BC-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	57.7	50.1	75.1

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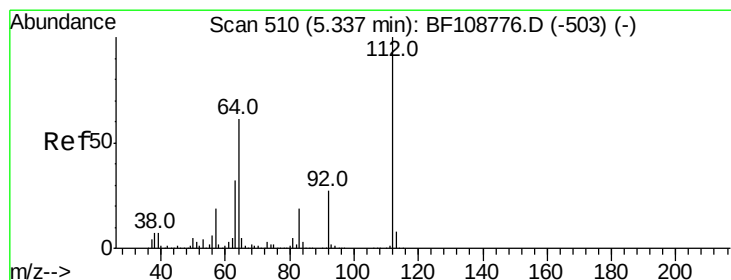
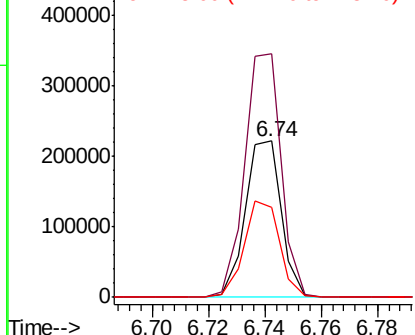
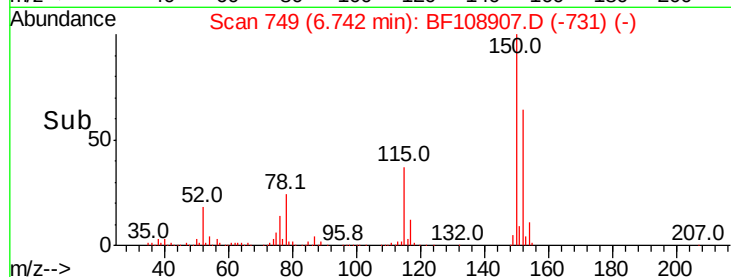


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

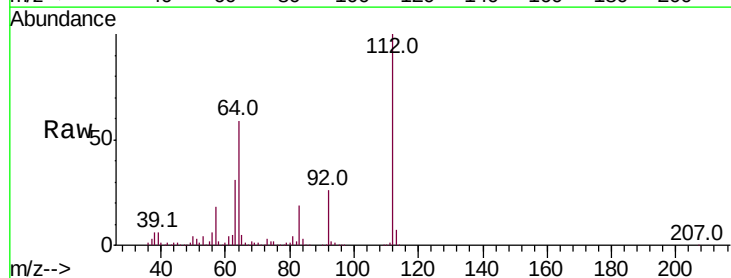
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.850 ng
RT: 5.35 min Scan# 513
Delta R.T. 0.02 min
Lab File: BF108907.D
Acq: 10 Sep 2018 21:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	30.7	23.7	35.5

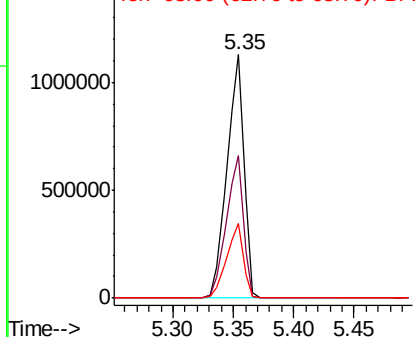
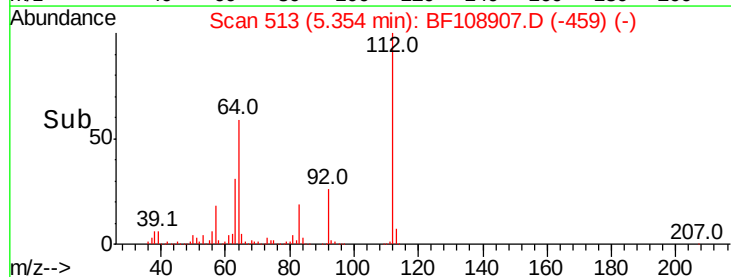


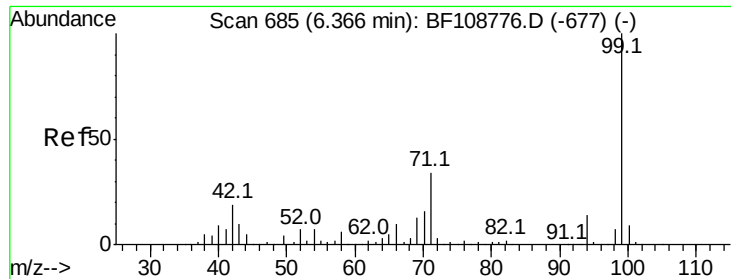
Abundance

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: 94.107 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108907.D

Acq: 10 Sep 2018 21:38

Instrument :

BNA_F

ClientSampled :

ENY-BC-02

Tot Ion: 99 Resp: 1432793

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

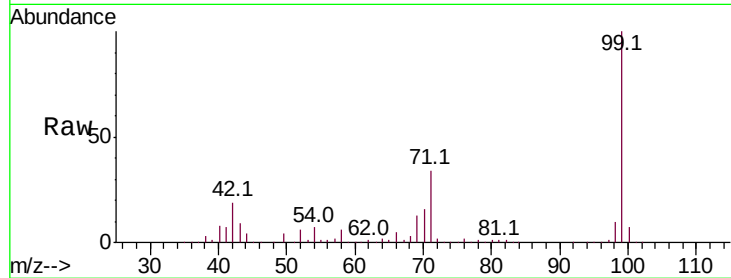
71 34.4 25.4 38.0

Manual Integrations

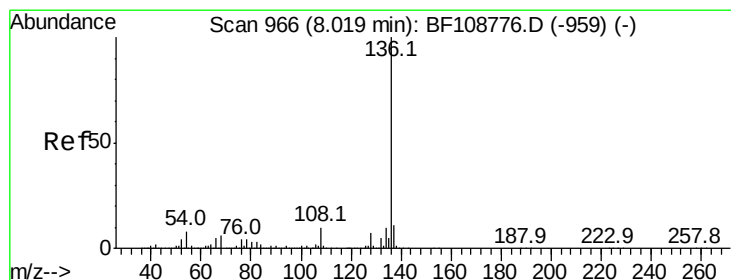
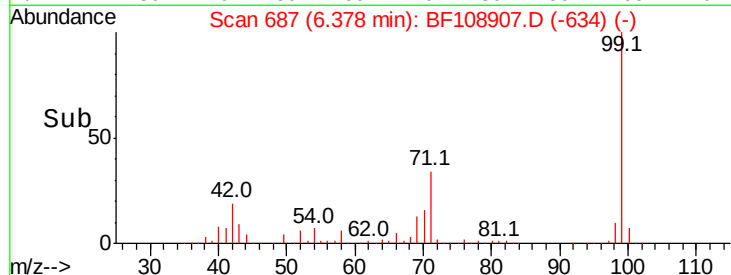
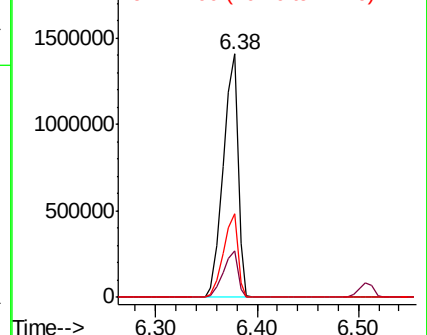
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108907.D

Acq: 10 Sep 2018 21:38

Tgt Ion: 136 Resp: 707222

Ion Ratio Lower Upper

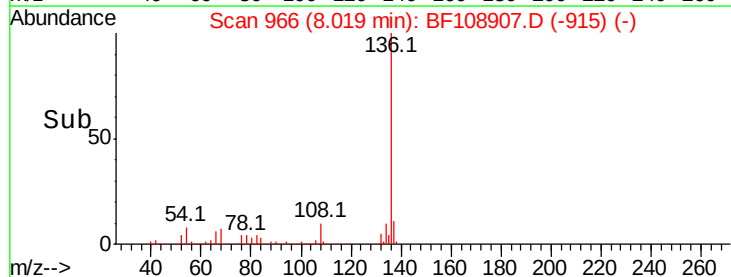
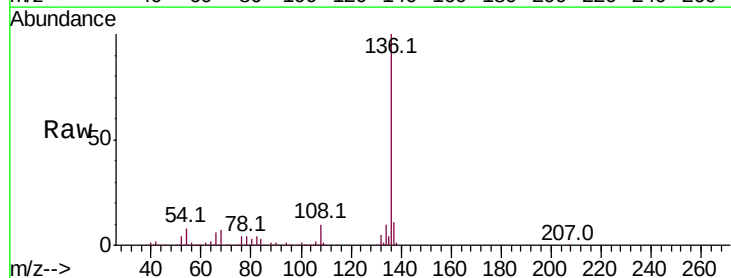
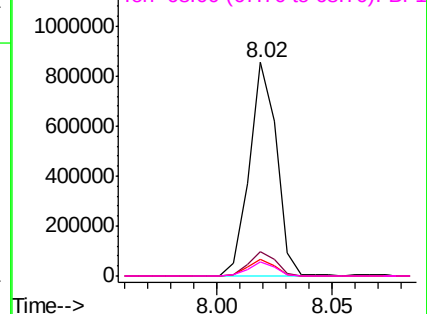
136 100

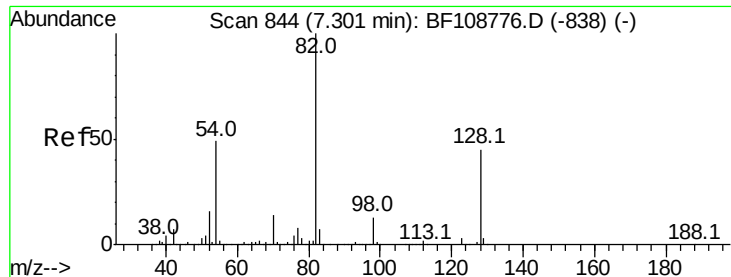
137 11.1 8.9 13.3

54 8.0 6.6 9.8

68 6.8 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





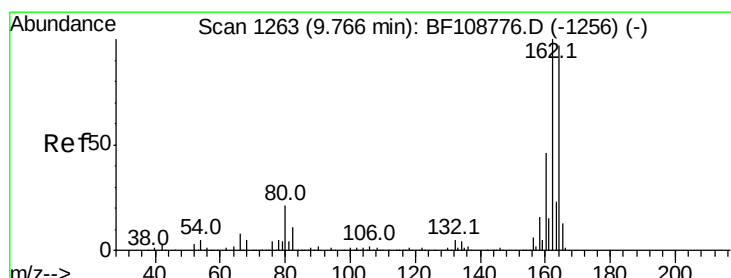
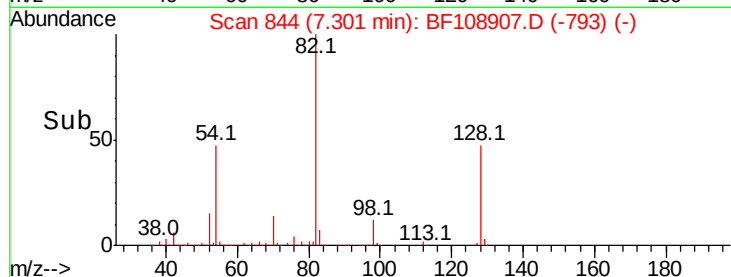
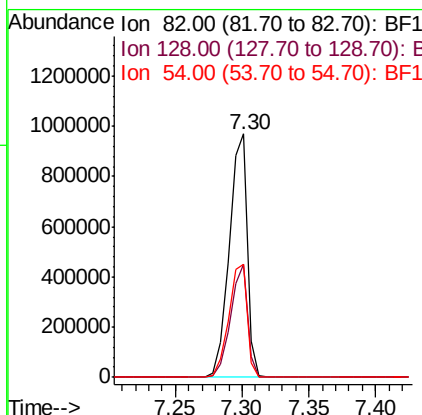
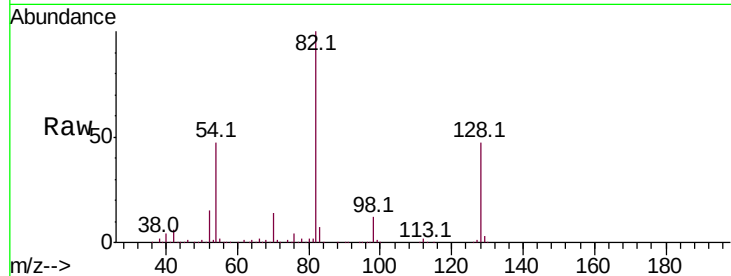
#23
 Nitrobenzene-d5
 Concen: 82.306 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF108907.D
 Acq: 10 Sep 2018 21:38

Instrument :
 BNA_F
 ClientSampled :
 ENY-BC-02

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	46.5	41.4	62.2

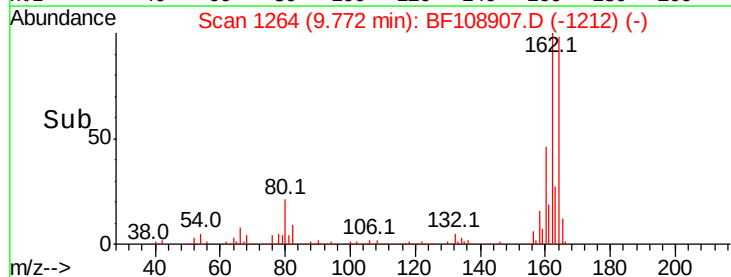
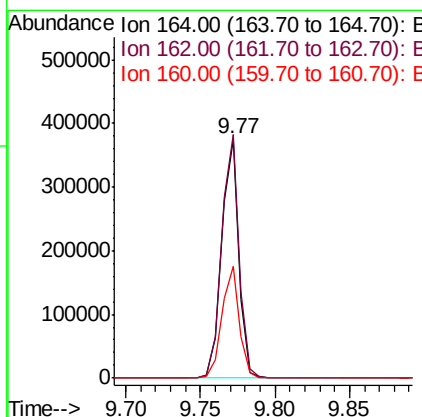
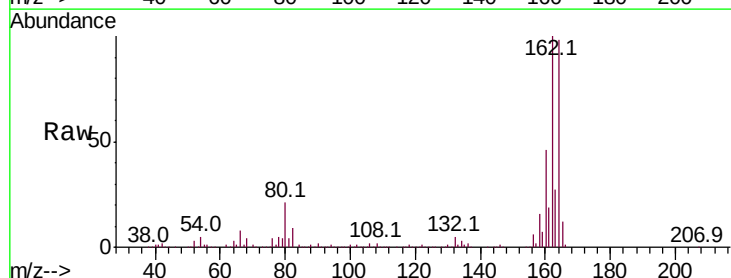
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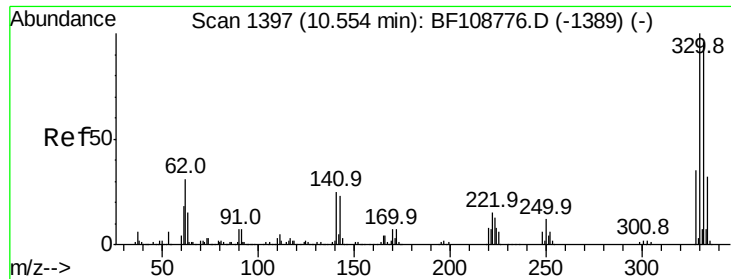
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF108907.D
 Acq: 10 Sep 2018 21:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	46.8	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 90.581 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BF108907.D

Acq: 10 Sep 2018 21:38

Instrument :

BNA_F

ClientSampled :

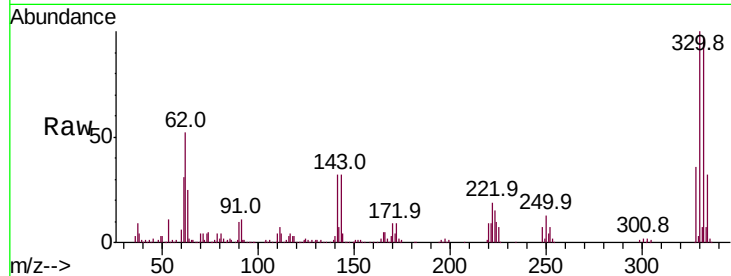
ENY-BC-02

Tot Ion:	330	Resp:	263169
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.0	115.6
141	32.2	29.9	44.9

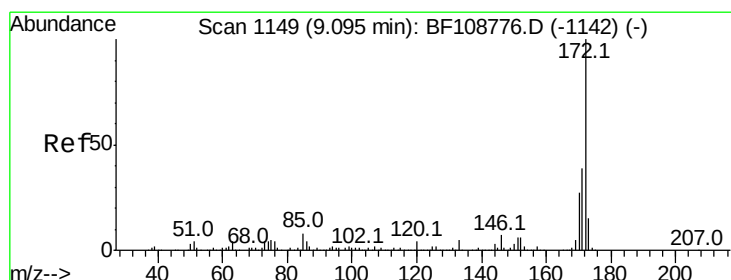
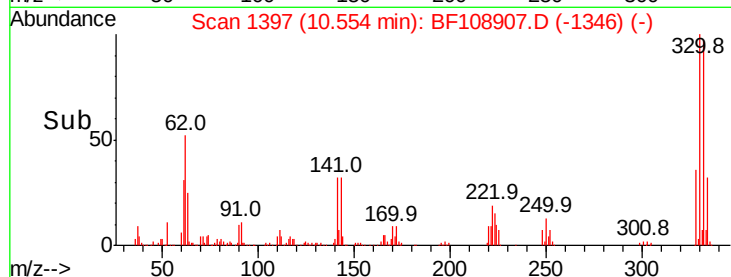
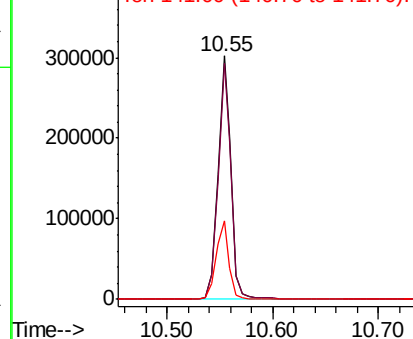
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 81.717 ng

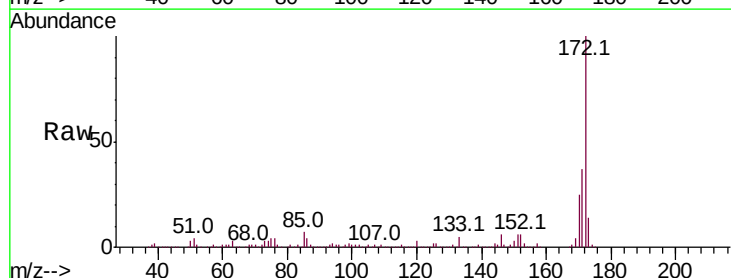
RT: 9.10 min Scan# 1149

Delta R.T. -0.00 min

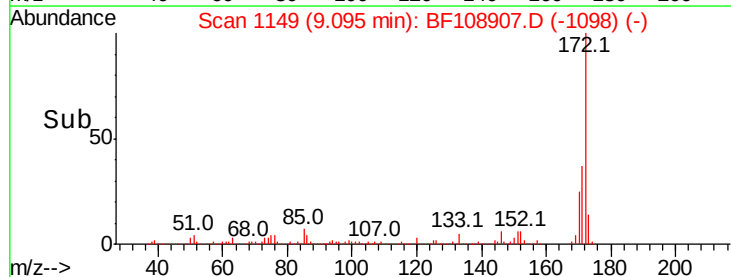
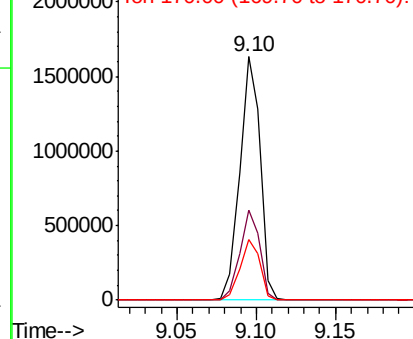
Lab File: BF108907.D

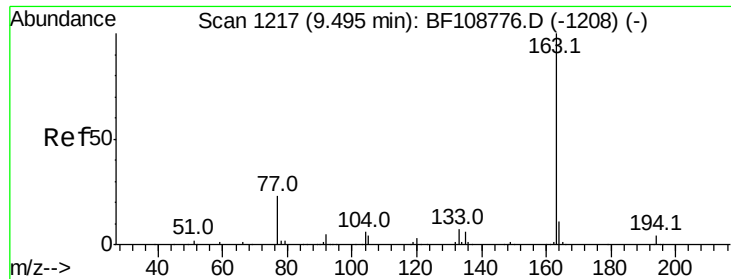
Acq: 10 Sep 2018 21:38

Tgt Ion:	172	Resp:	1457789
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.7	44.5
170	25.0	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





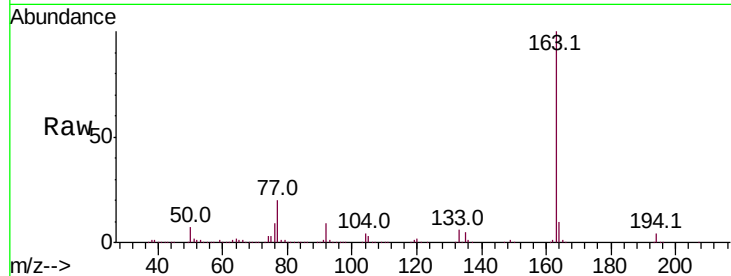
#49
Dimethylphthalate
Concen: 21.218 ng
RT: 9.49 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF108907.D
Acq: 10 Sep 2018 21:38

Instrument :
BNA_F
ClientSampleId :
ENY-BC-02

Tot Ion	Ratio	Resp	Lower	Upper
163	100	451646		
194	4.0		2.7	4.1
164	9.8		8.2	12.2

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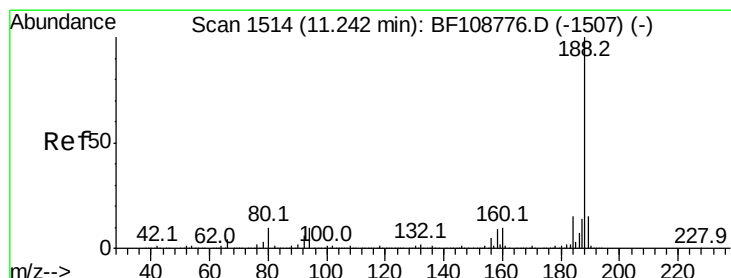
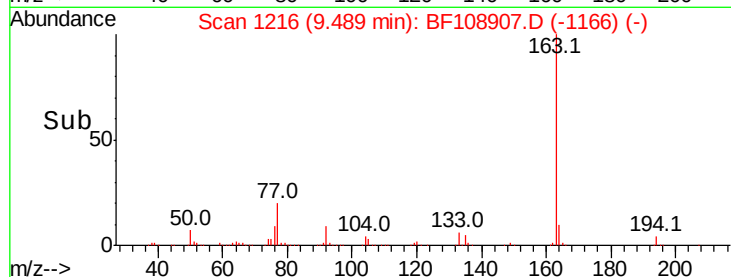
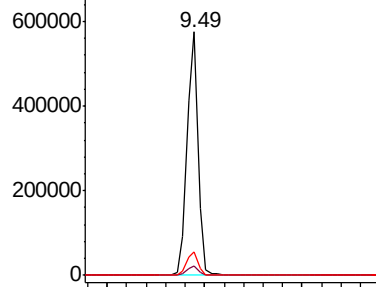


Abundance

Ion 163.00 (162.70 to 163.70): E

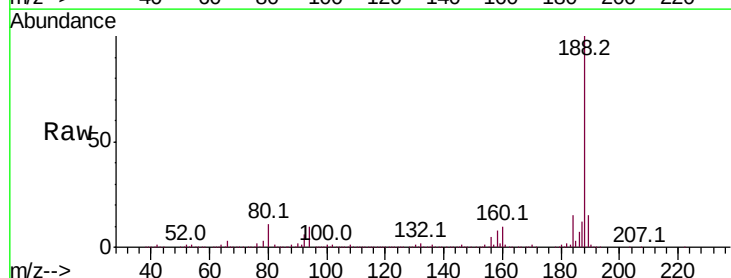
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108907.D
Acq: 10 Sep 2018 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	495029		
94	10.2		8.5	12.7
80	10.8		9.2	13.8

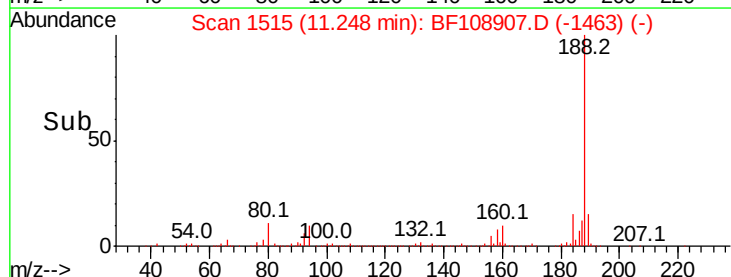
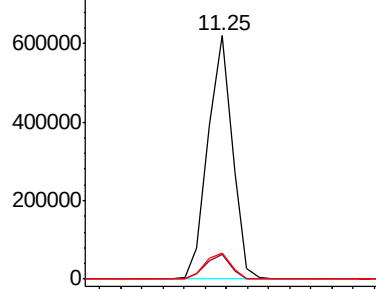


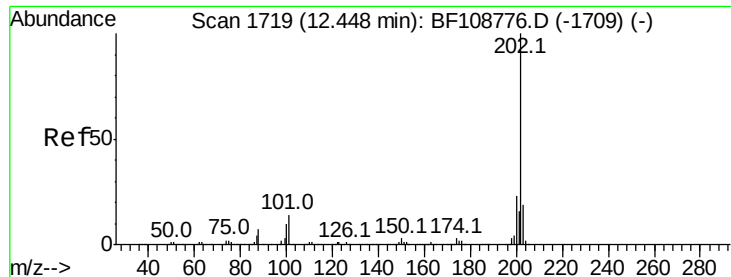
Abundance

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: 2.662 ng

RT: 12.45 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BF108907.D

Acq: 10 Sep 2018 21:38

Instrument :

BNA_F

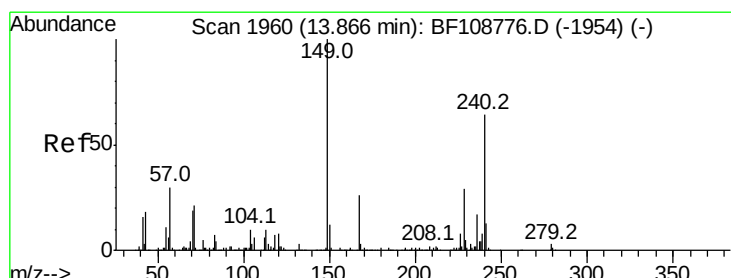
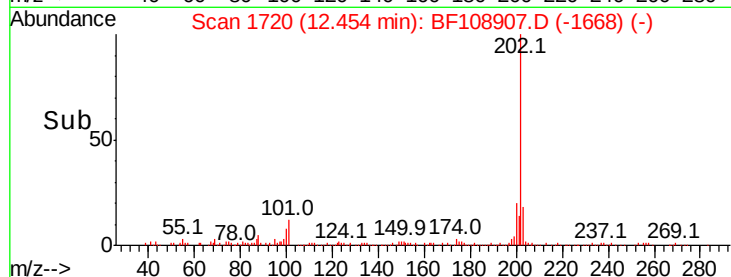
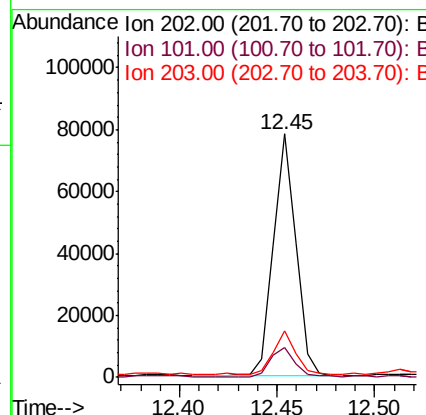
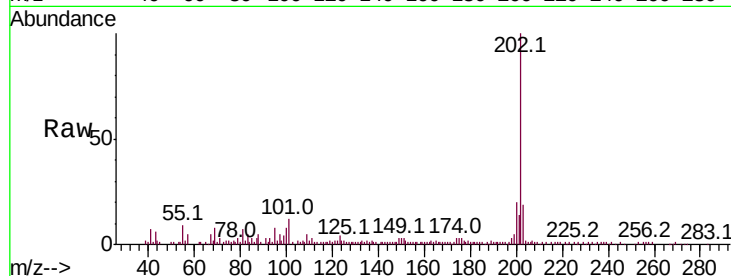
ClientSampled :

ENY-BC-02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		62310		
101	12.1	0.0	34.1		
203	19.3	0.0	38.1		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

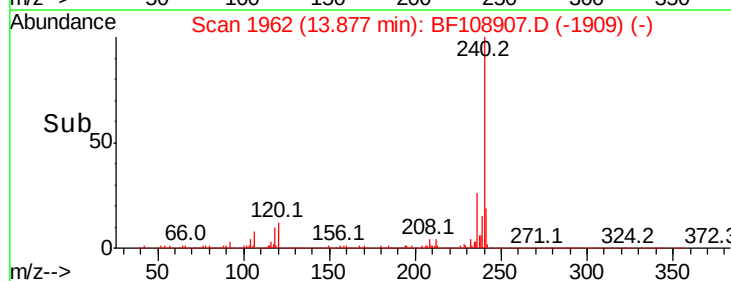
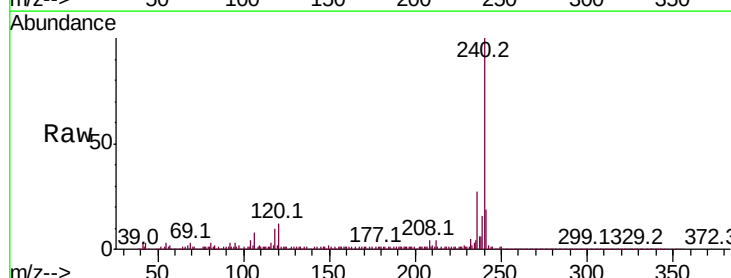
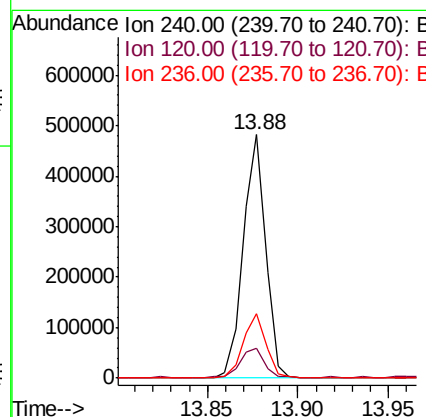
RT: 13.88 min Scan# 1962

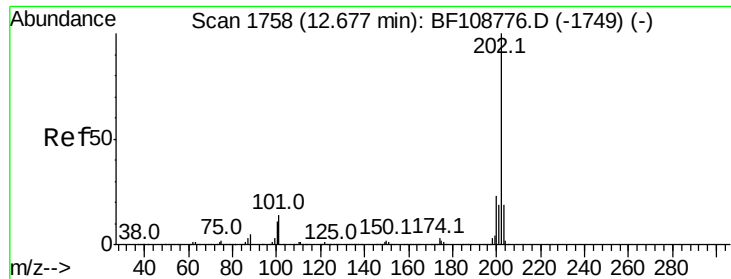
Delta R.T. 0.01 min

Lab File: BF108907.D

Acq: 10 Sep 2018 21:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		410829		
120	12.0	9.5	14.3		
236	26.6	20.7	31.1		





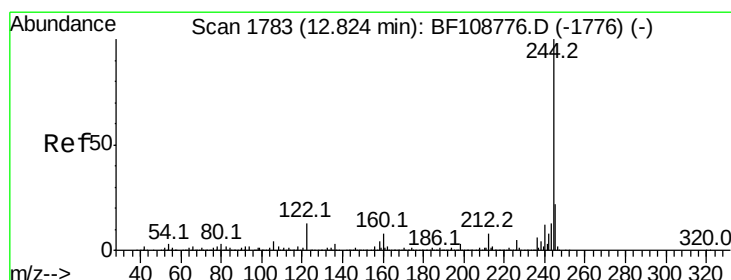
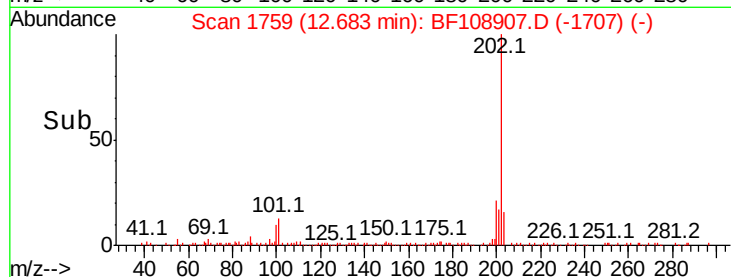
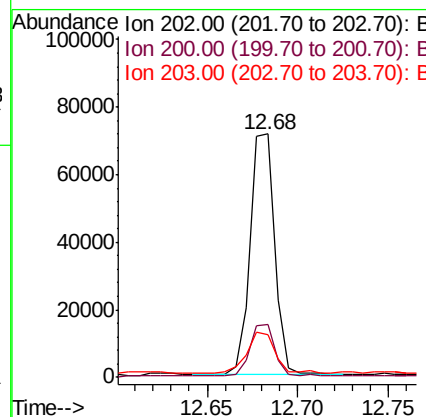
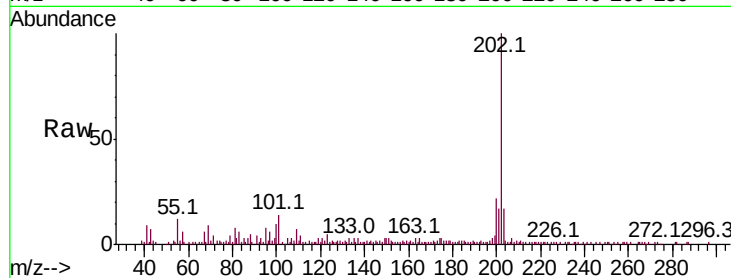
#77
Pvrene
Concen: 2.128 ng
RT: 12.68 min Scan# 1759
Delta R.T. 0.01 min
Lab File: BF108907.D
Acq: 10 Sep 2018 21:38

Instrument :
BNA_F
ClientSampleId :
ENY-BC-02

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.4	14.3	21.5

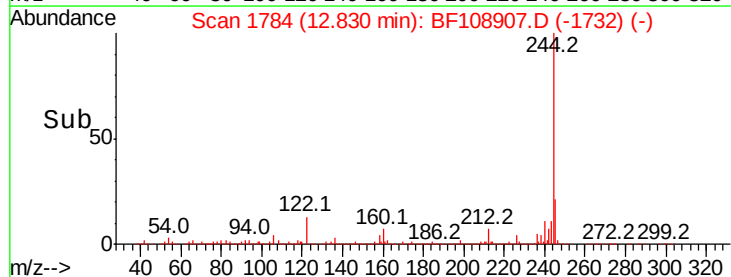
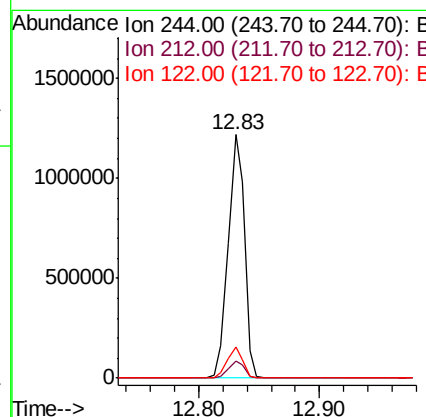
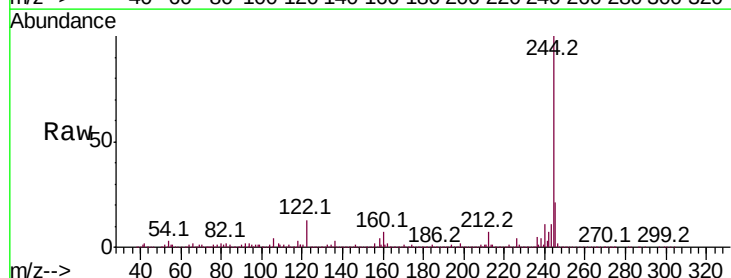
Manual Integrations
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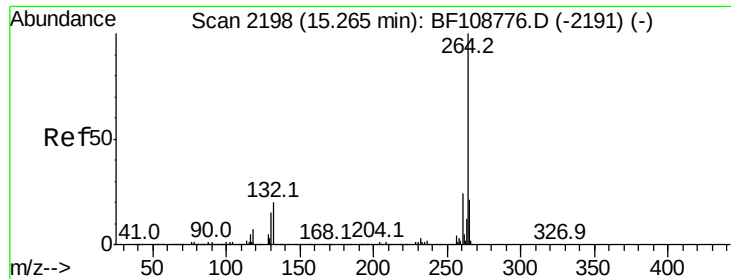
Sohil
9/11/2018 9:34:17 AM



#78
Terphenyl-d14
Concen: 64.421 ng
RT: 12.83 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF108907.D
Acq: 10 Sep 2018 21:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.9	11.0	16.4





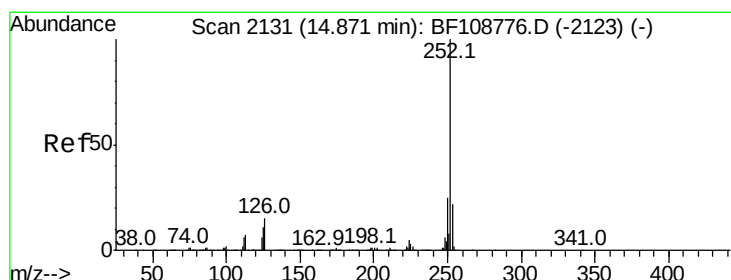
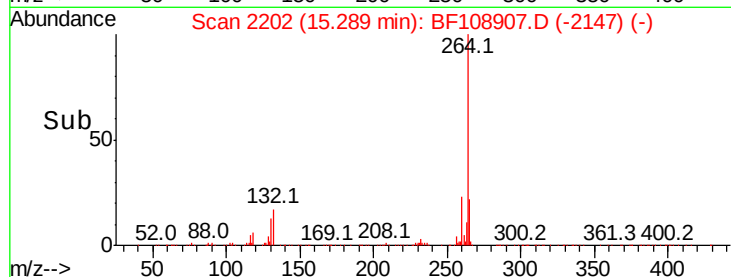
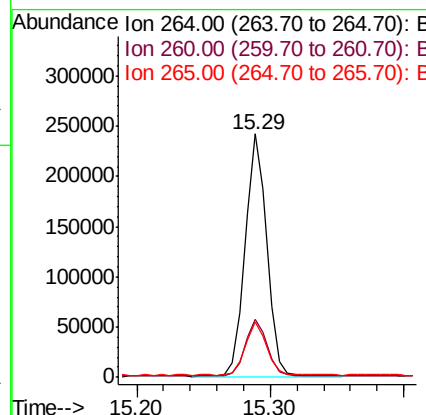
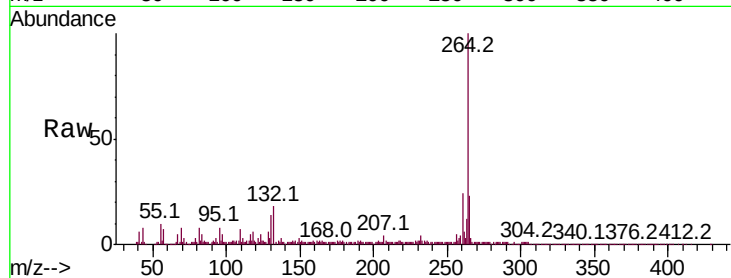
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2202
Delta R.T. 0.02 min
Lab File: BF108907.D
Acq: 10 Sep 2018 21:38

Instrument :
BNA_F
ClientSampleId :
ENY-BC-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.8	17.5	26.3

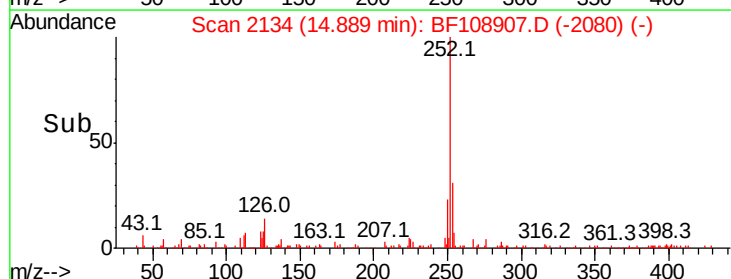
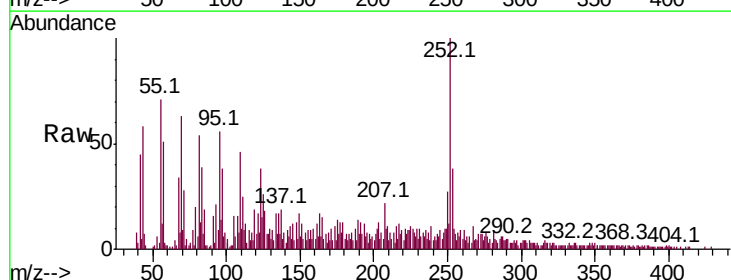
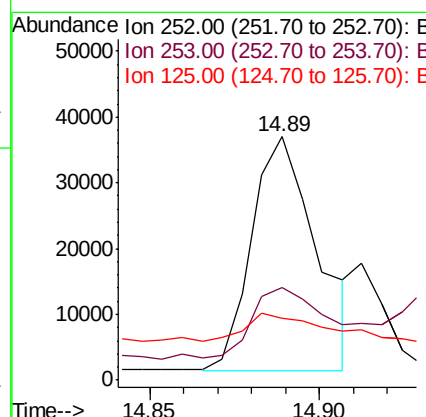
Manual Integrations
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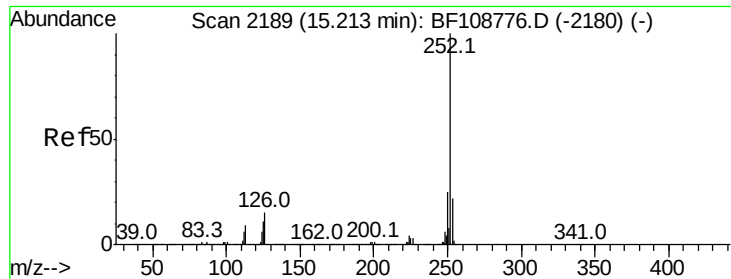
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#87
Benzo(b)fluoranthene
Concen: 3.229 ng m
RT: 14.89 min Scan# 2134
Delta R.T. 0.02 min
Lab File: BF108907.D
Acq: 10 Sep 2018 21:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.0	17.0	25.6#
125	25.5	9.0	13.6#





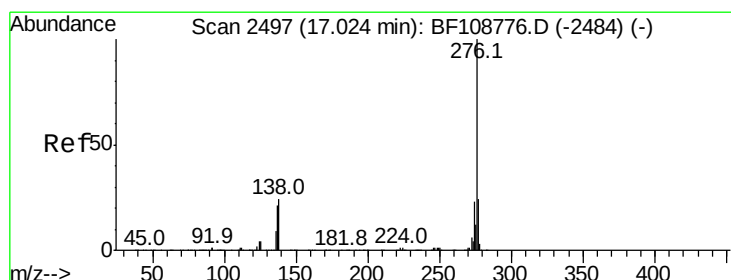
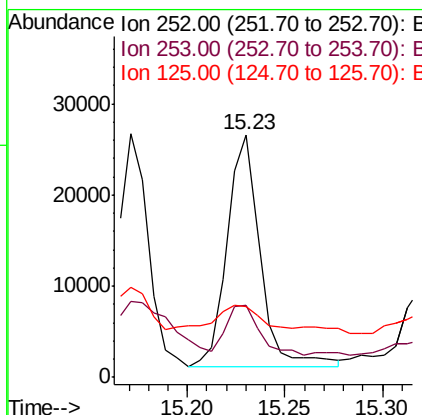
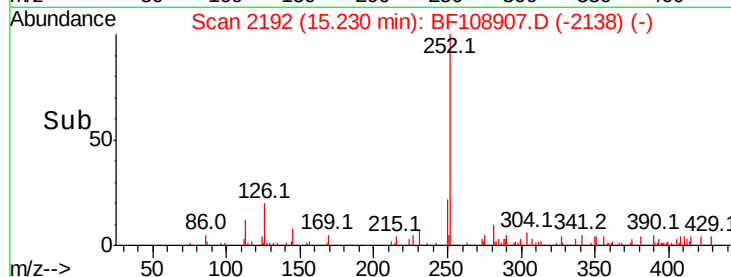
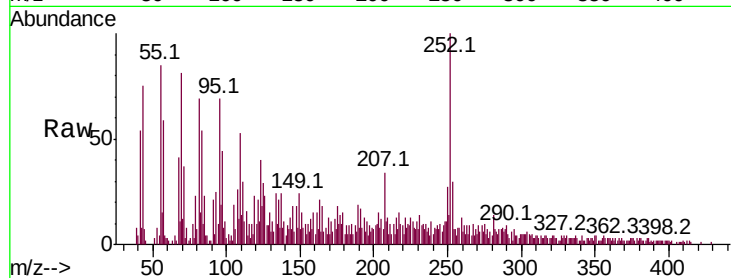
#89
Benzo(a)pyrene
Concen: 2.275 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.02 min
Lab File: BF108907.D
Acq: 10 Sep 2018 21:38

Instrument :
BNA_F
ClientSampled :
ENY-BC-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.6	17.1	25.7#
125	29.3	9.8	14.6#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.363 ng
RT: 17.06 min Scan# 2503
Delta R.T. 0.04 min
Lab File: BF108907.D
Acq: 10 Sep 2018 21:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.6	17.9	26.9#
138	27.4	21.8	32.8

