

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108511.D
 Acq On : 27 Aug 2018 15:35
 Operator : JU/SJ
 Sample : J4646-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q4-C7

Manual Integrations
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Sohil
 8/27/2018 5:09:55 PM

Quant Time: Aug 27 16:22:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	124519	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	486660	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	238071	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	412581	20.00	ng	0.00
75) Chrysene-d12	14.19	240	291872	20.00	ng	0.00
86) Perylene-d12	15.75	264	276223	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	450358	65.48	ng	0.00
7) Phenol-d6	6.62	99	619112	67.74	ng	-0.01
23) Nitrobenzene-d5	7.56	82	411387	47.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	153893	64.81	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	778601	52.51	ng	-0.01
78) Terphenyl-d14	13.12	244	588285	51.25	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	90122	5.434	ng	Qvalue # 98
74) Fluoranthene	12.76	202	54895	2.585	ng	95
77) Pyrene	12.99	202	52538	2.843	ng	99
87) Benzo(b)fluoranthene	15.28	252	37922m	2.298	ng	

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

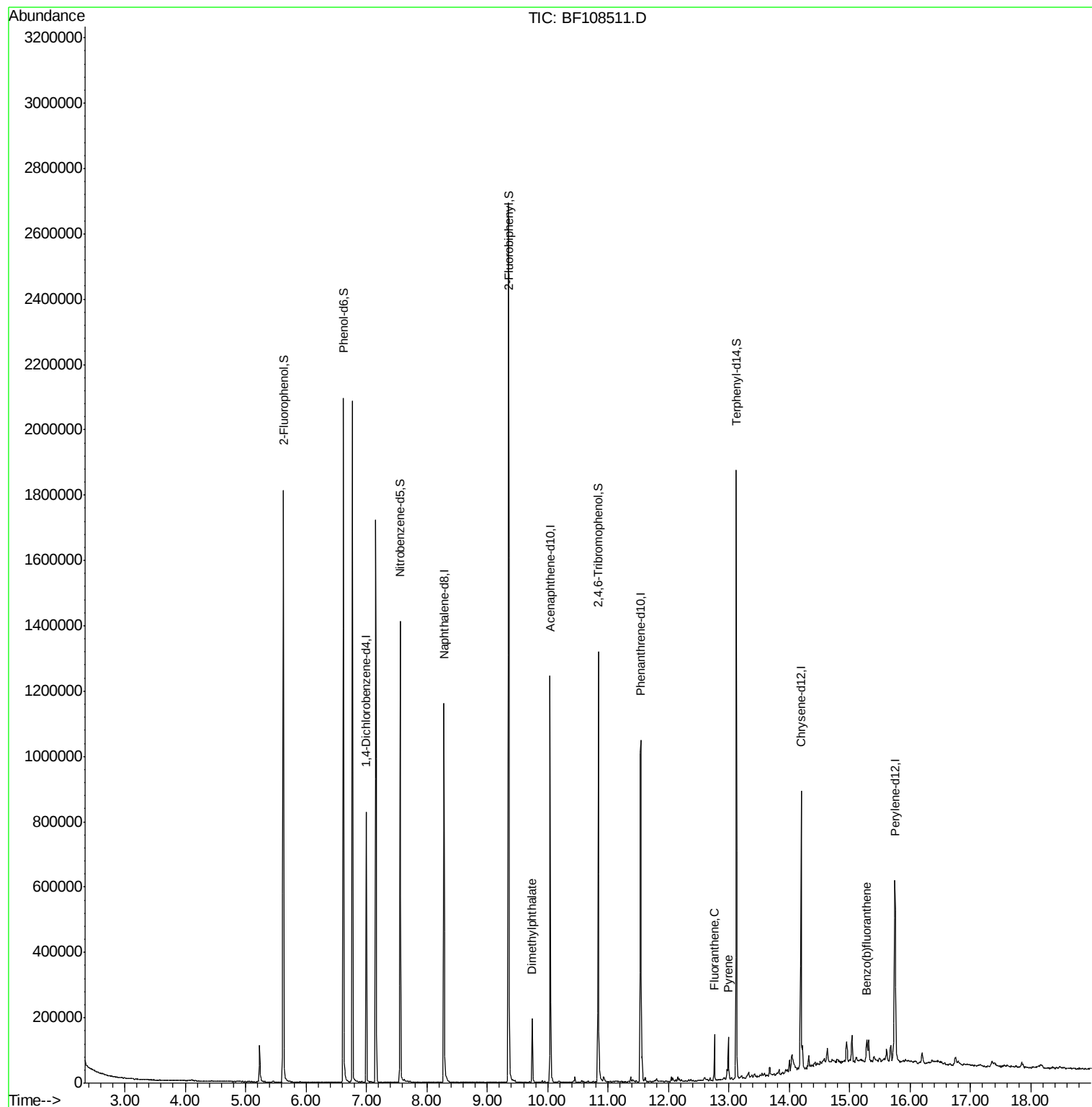
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
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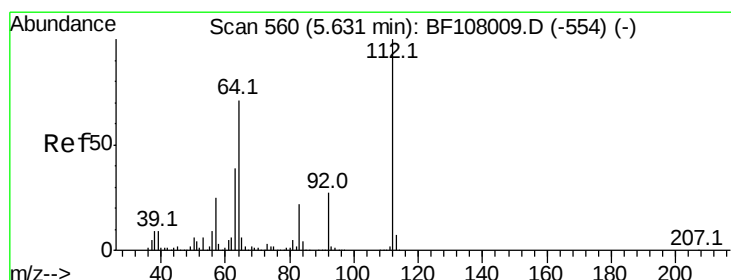
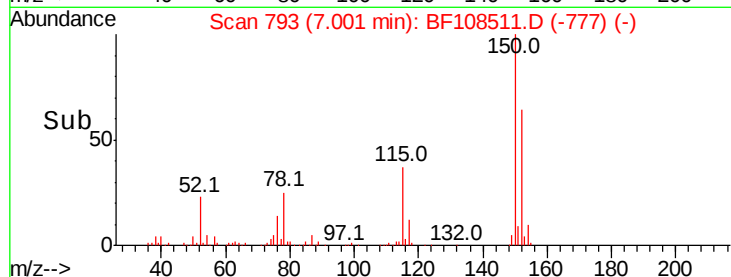
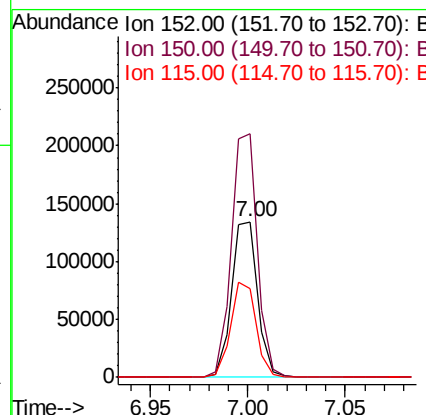
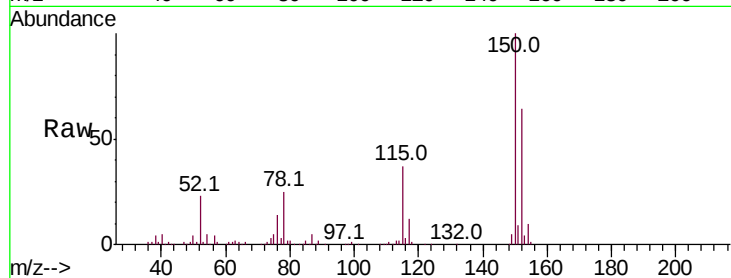
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.00 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF108511.D
 Acq: 27 Aug 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q4-C7

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	57.3	50.1	75.1

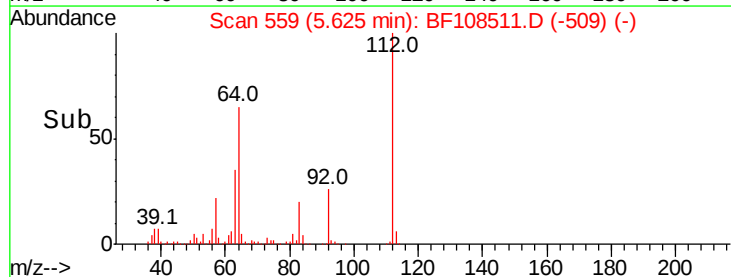
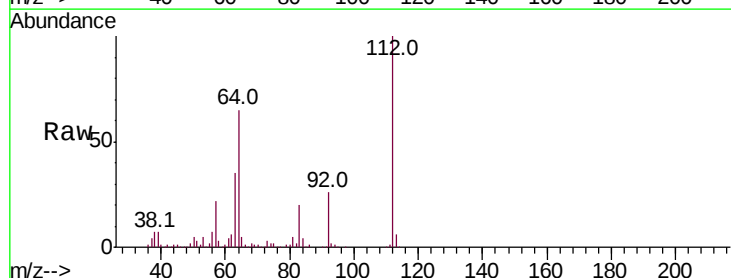
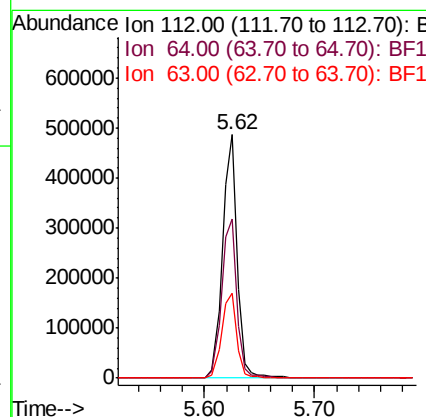
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#5
 2-Fluorophenol
 Concen: 65.480 ng
 RT: 5.62 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF108511.D
 Acq: 27 Aug 2018 15:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	47.9	71.9
63	34.7	23.7	35.5





#7

Phenol-d6

Concen: 67.739 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF108511.D

Acq: 27 Aug 2018 15:35

Instrument :

BNA_F

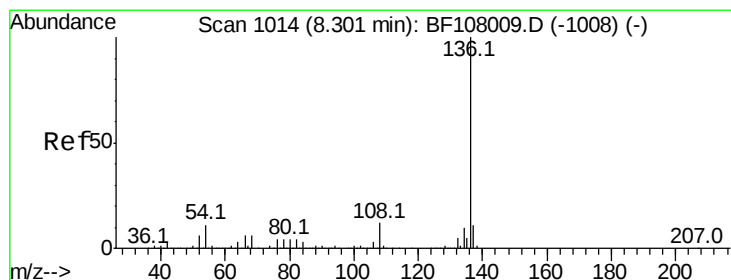
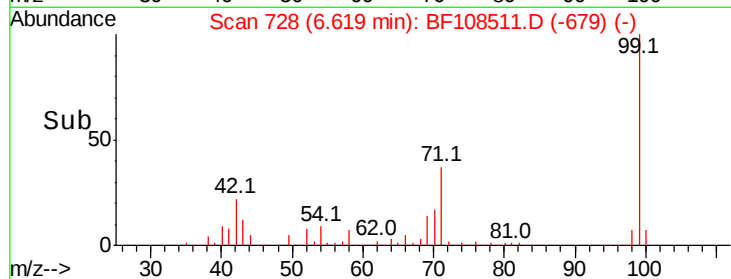
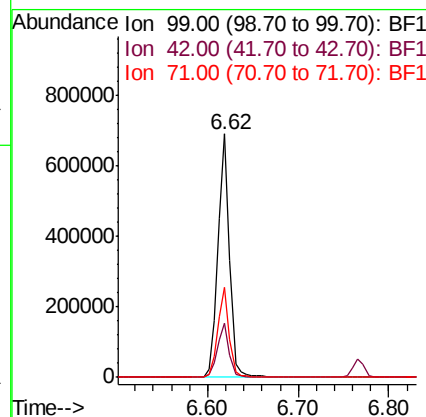
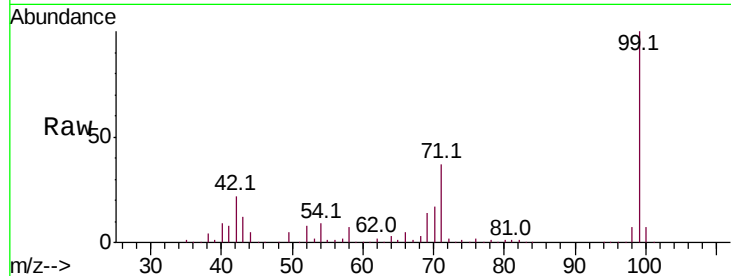
ClientSampleId :

EP1-Q4-C7

Tot Ion:	99	Resp:	619112
Ion Ratio	Lower	Upper	
99	100		
42	22.4	14.5	21.7#
71	37.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

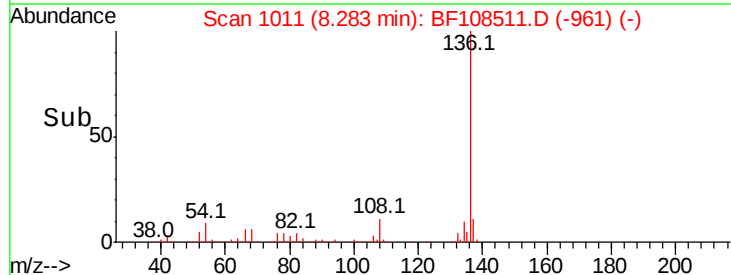
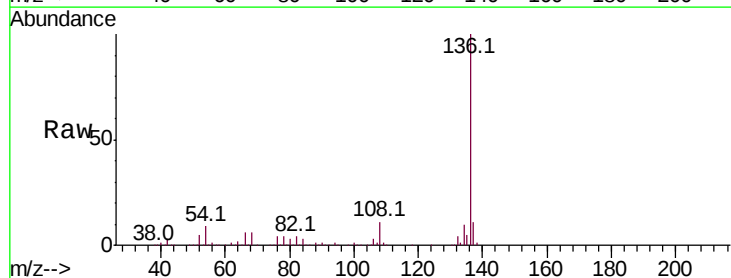
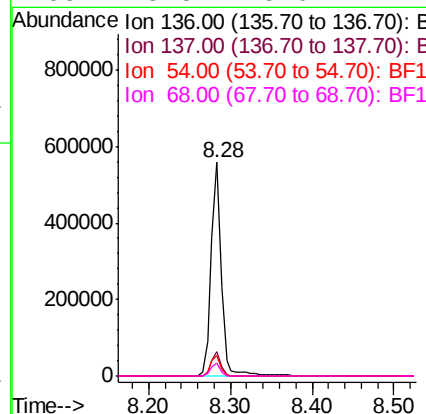
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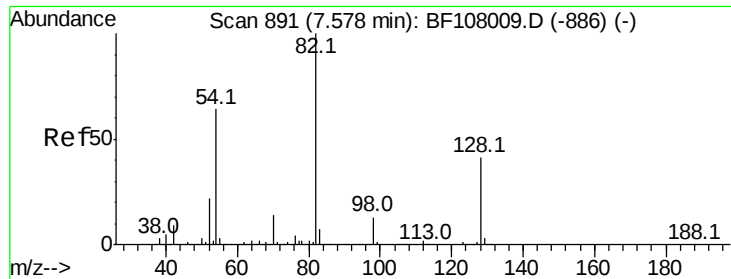
Delta R.T. -0.01 min

Lab File: BF108511.D

Acq: 27 Aug 2018 15:35

Tgt Ion:	136	Resp:	486660
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	9.4	6.6	9.8
68	5.8	5.0	7.4





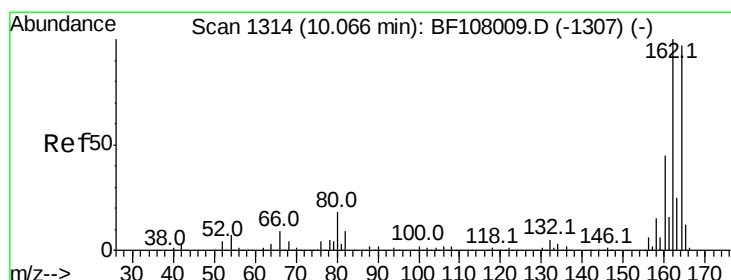
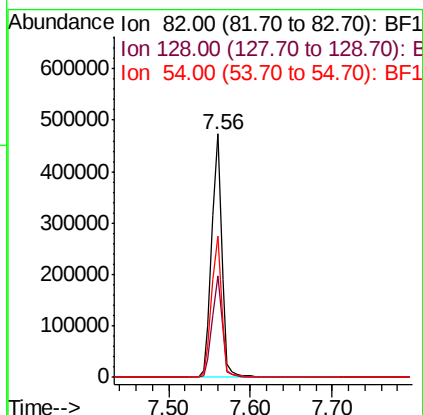
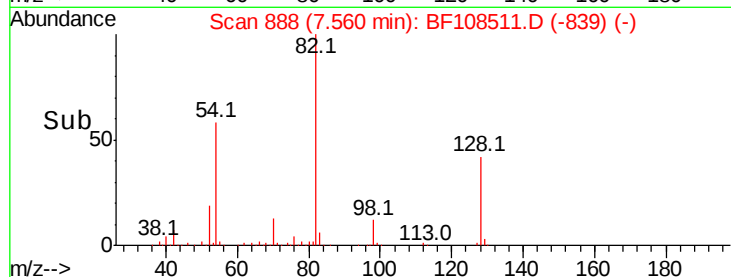
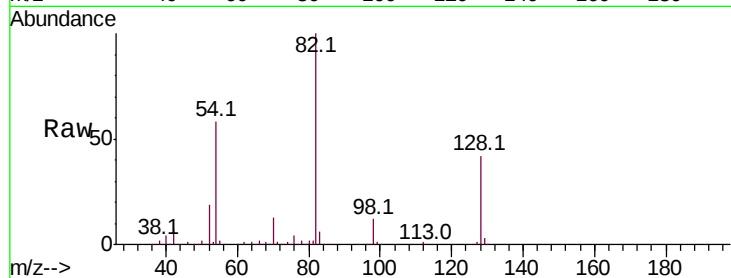
#23
Nitrobenzene-d5
Concen: 47.170 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :
EP1-Q4-C7

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	57.8	41.4	62.2

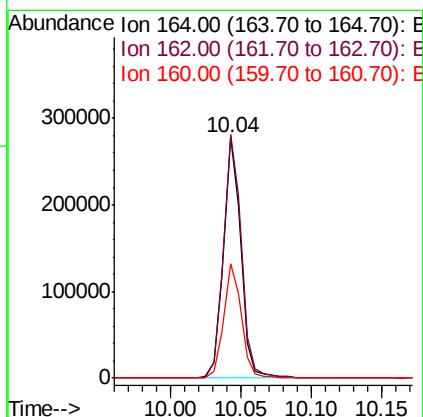
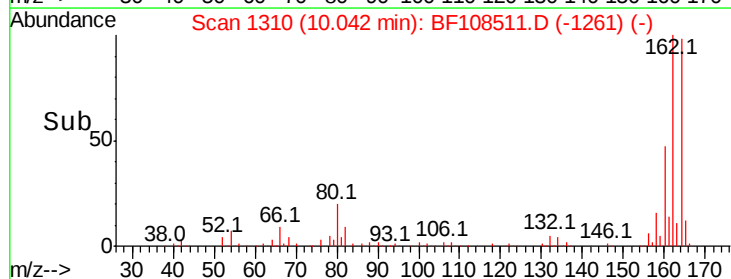
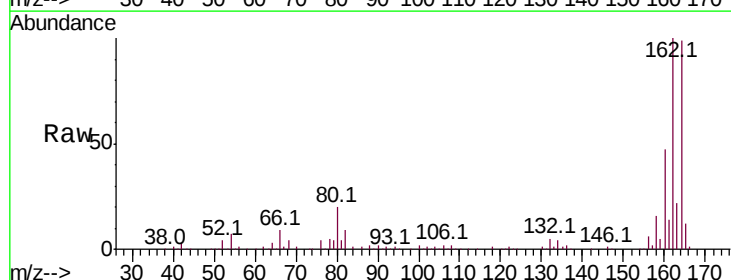
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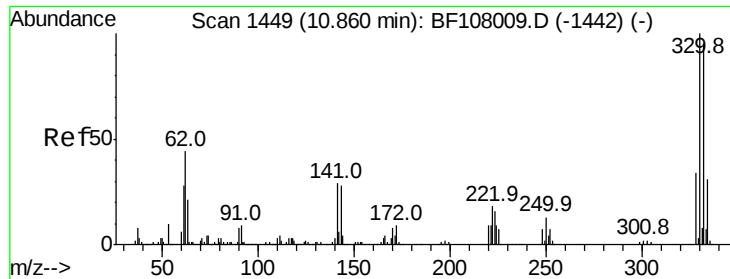
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	47.2	38.3	57.5





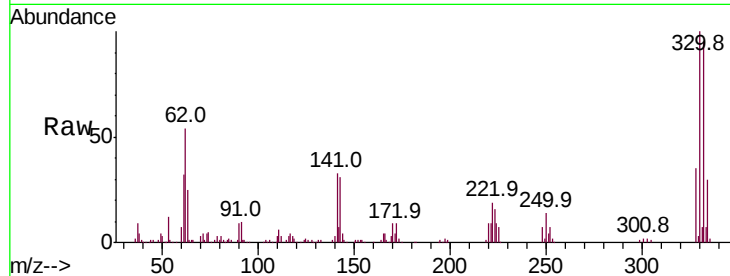
#41
 2,4,6-Tribromophenol
 Concen: 64.805 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108511.D
 Acq: 27 Aug 2018 15:35

Instrument :
 BNA_F
 ClientSampled :
 EP1-Q4-C7

Tot Ion	Ratio	Resp	Lower	Upper
330	100	153893		
332	95.3	77.0	115.6	
141	33.4	29.9	44.9	

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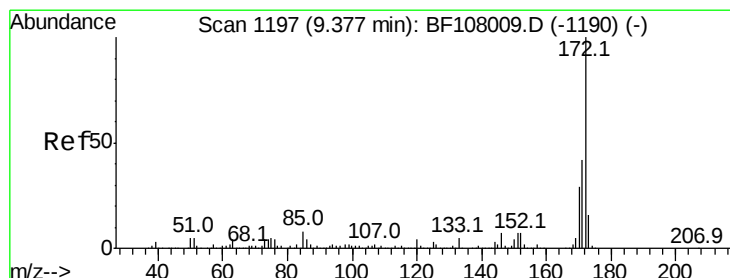
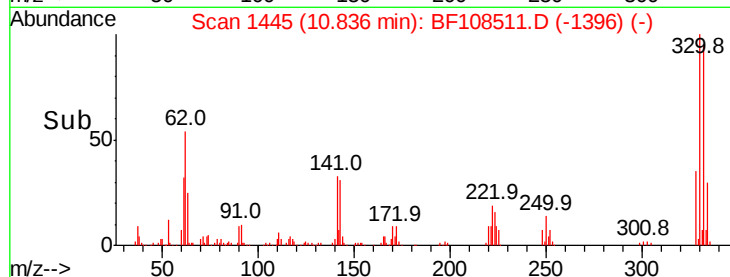
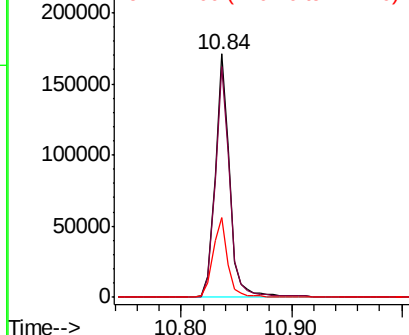


Abundance

Ion 329.80 (329.50 to 330.50): E

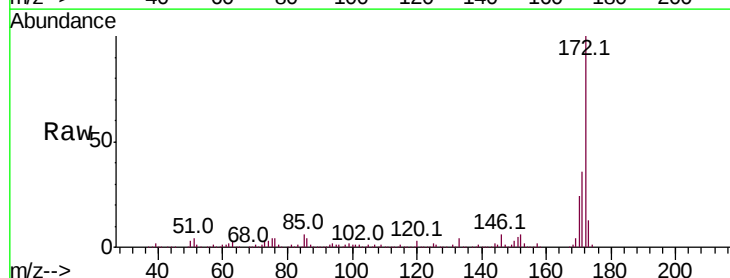
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 52.506 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108511.D
 Acq: 27 Aug 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	778601		
171	35.8	29.7	44.5	
170	24.0	19.6	29.4	

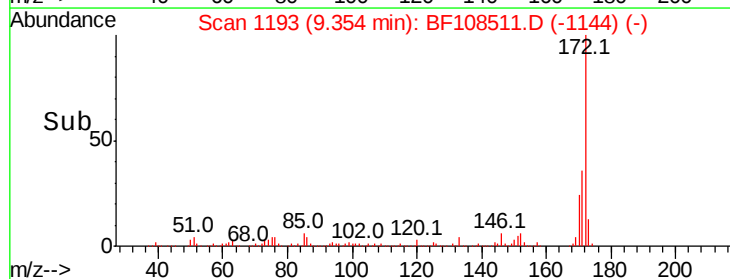
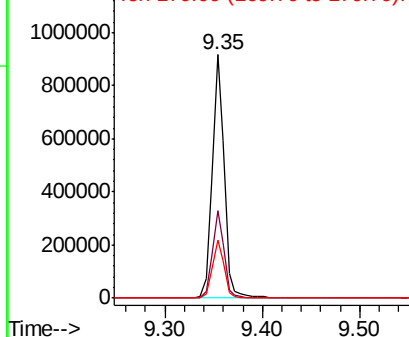


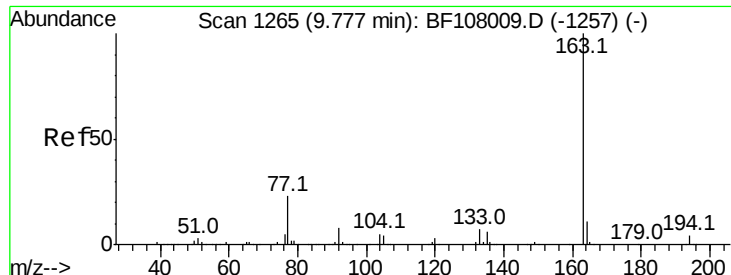
Abundance

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





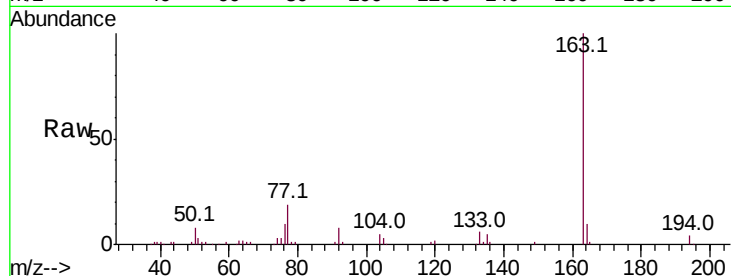
#49
Dimethylphthalate
Concen: 5.434 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :
EP1-Q4-C7

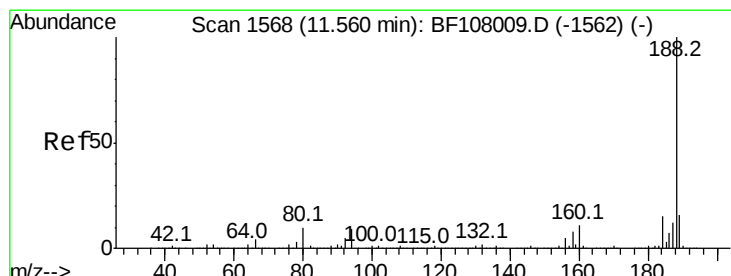
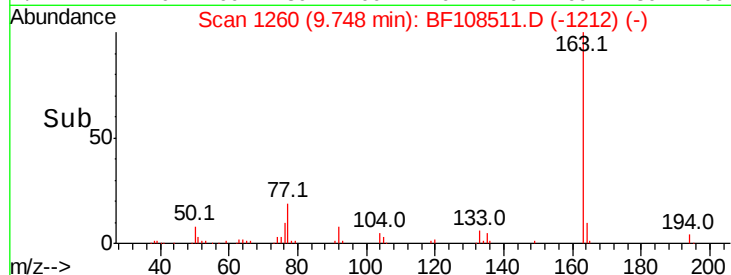
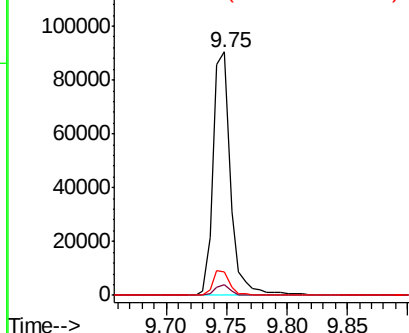
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	2.7	4.1#	
164	9.6	8.2	12.2	

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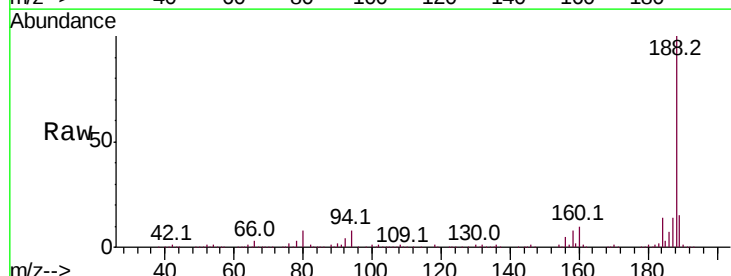


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

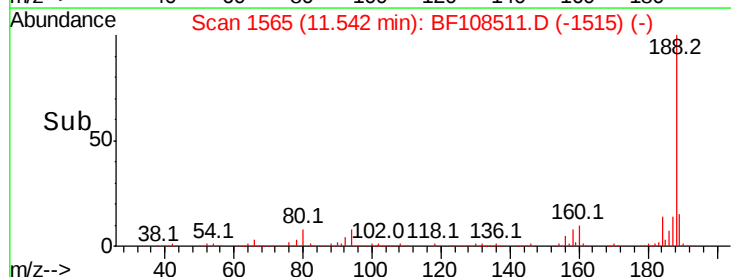
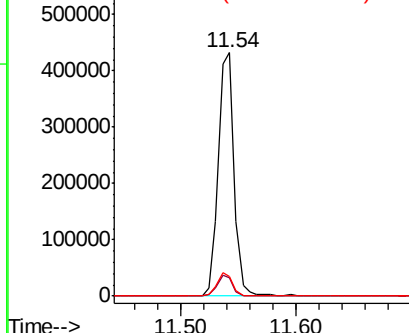


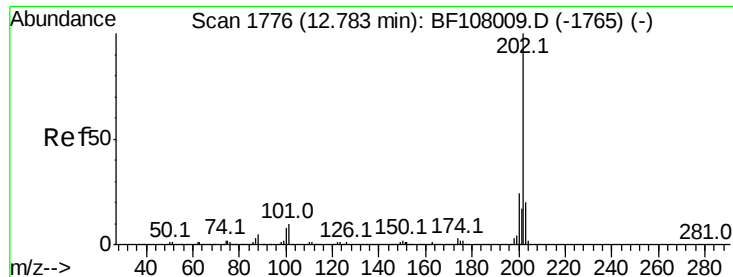
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.7	8.5	12.7#	
80	8.1	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: 2.585 ng

RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108511.D

Acq: 27 Aug 2018 15:35

Instrument :

BNA_F

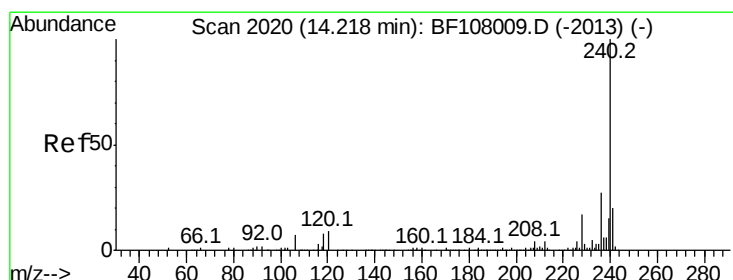
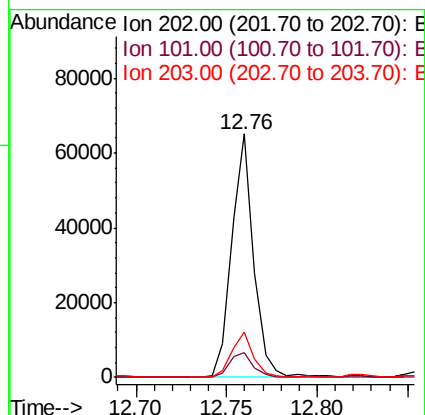
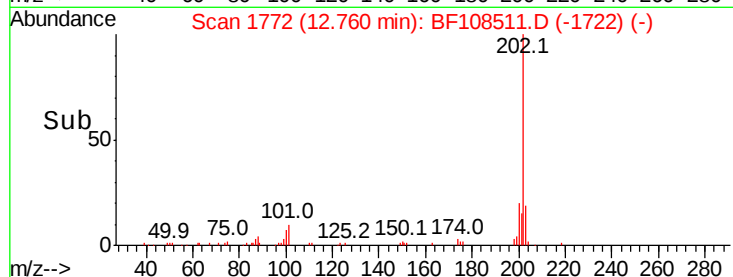
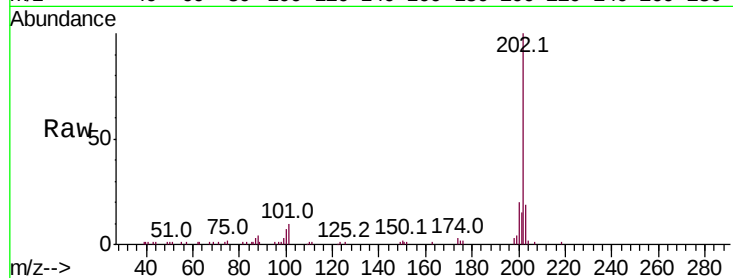
ClientSampleId :

EP1-Q4-C7

Tot Ion:	202	Resp:	54895
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	34.1
203	18.6	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

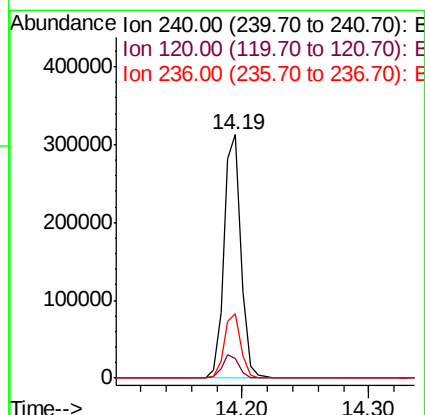
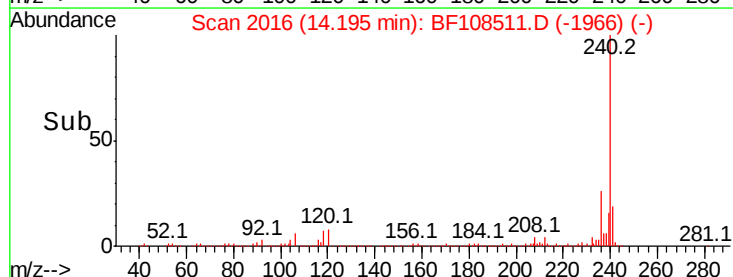
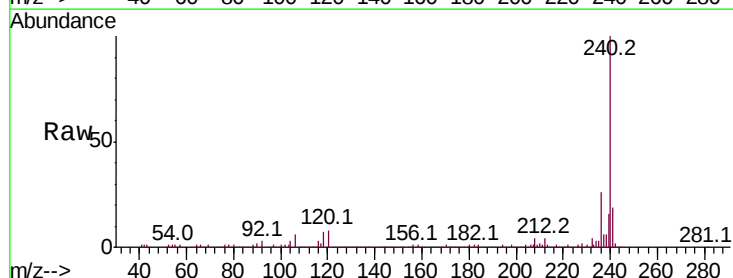
RT: 14.19 min Scan# 2016

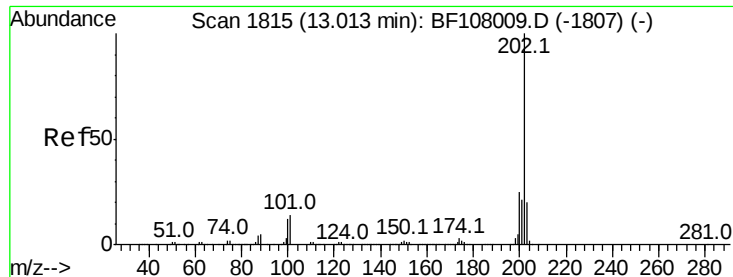
Delta R.T. -0.01 min

Lab File: BF108511.D

Acq: 27 Aug 2018 15:35

Tgt Ion:	240	Resp:	291872
Ion Ratio	Lower	Upper	
240	100		
120	8.3	9.5	14.3#
236	26.3	20.7	31.1





#77

Pvrene

Concen: 2.843 ng

RT: 12.99 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF108511.D

Acq: 27 Aug 2018 15:35

Instrument :

BNA_F

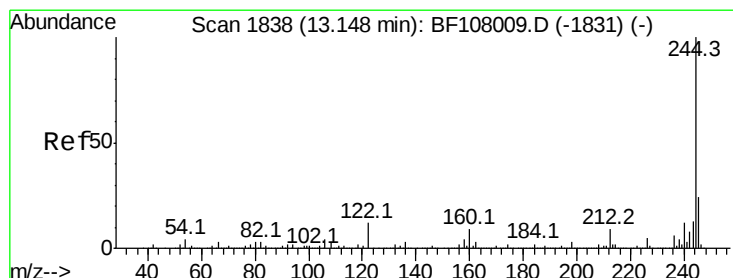
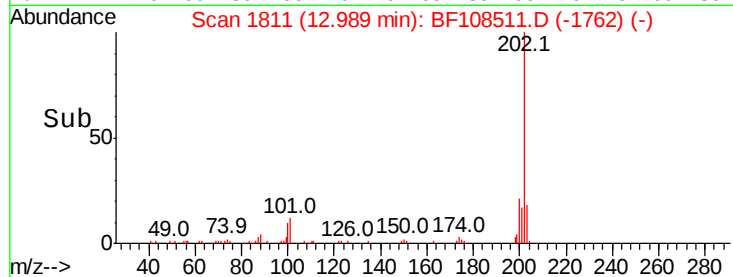
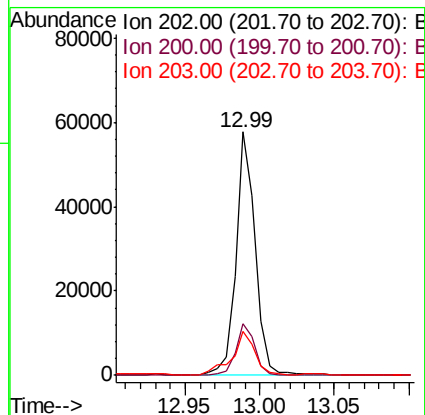
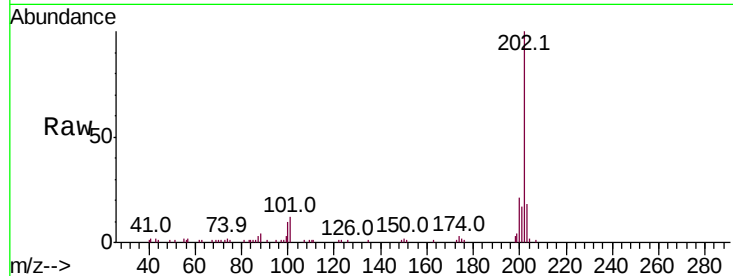
ClientSampleId :

EP1-Q4-C7

Tot Ion:	202	Resp:	52538
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	18.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 51.247 ng

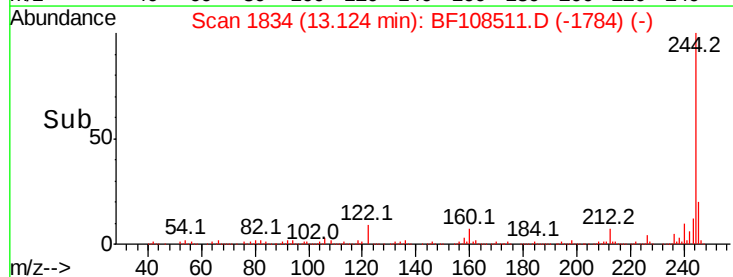
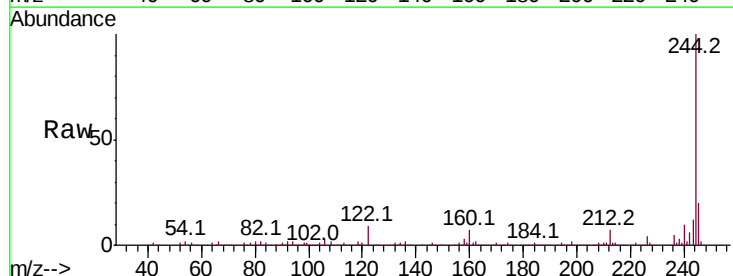
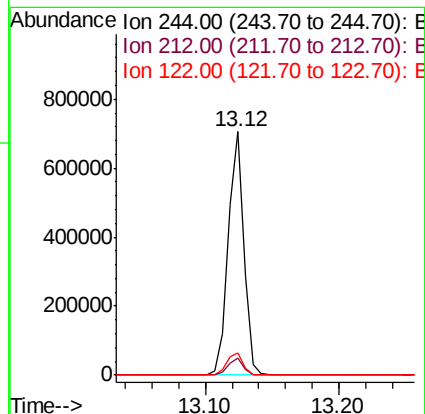
RT: 13.12 min Scan# 1834

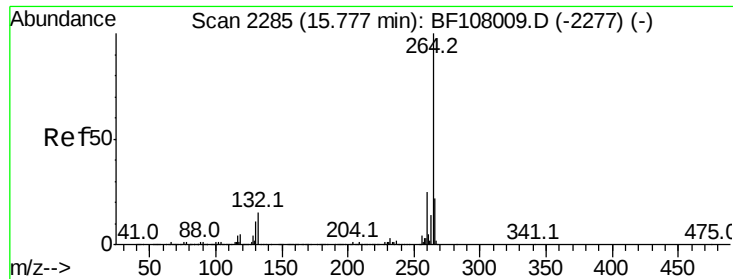
Delta R.T. -0.01 min

Lab File: BF108511.D

Acq: 27 Aug 2018 15:35

Tgt Ion:	244	Resp:	588285
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	9.2	11.0	16.4#





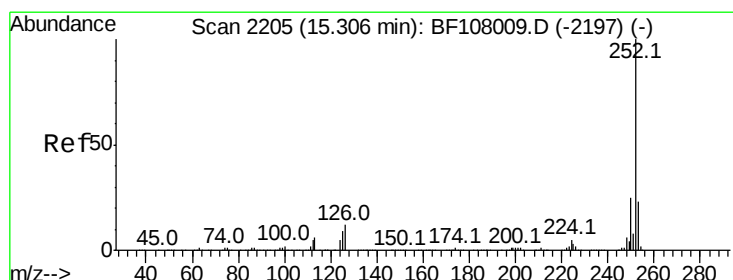
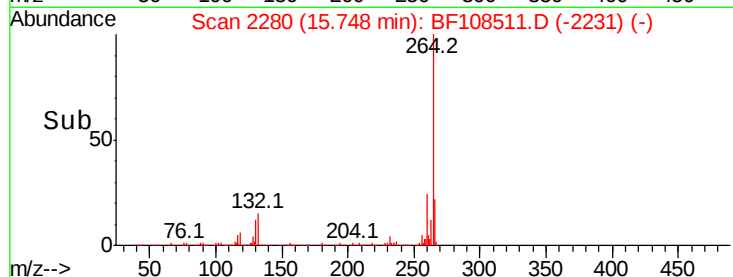
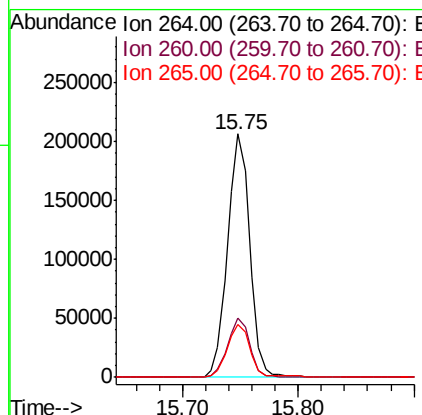
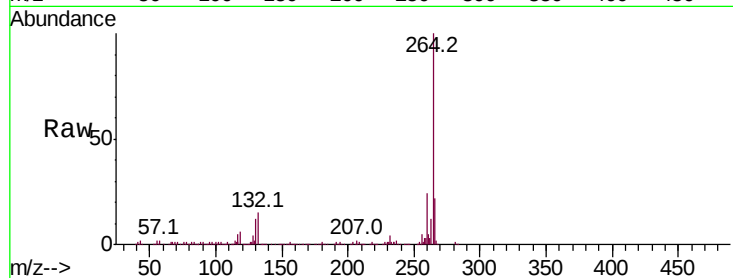
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Instrument :
BNA_F
ClientSampled :
EP1-Q4-C7

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.8	17.5	26.3

Manual Integrations
APPROVED

Sohil
8/27/2018 5:09:55 PM



#87
Benzo(b)fluoranthene
Concen: 2.298 ng m
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	12.3	9.0	13.6

