

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108364.D
 Acq On : 22 Aug 2018 3:31
 Operator : JU/SJ
 Sample : J4275-17 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-082018-E

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Quant Time: Aug 22 05:08:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 15:20:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	163940	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	615115	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	275136	20.00	ng	-0.02
63) Phenanthrene-d10	11.54	188	454674	20.00	ng	-0.02
75) Chrysene-d12	14.20	240	372487	20.00	ng	-0.02
86) Perylene-d12	15.75	264	303520	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	87980	9.72	ng	-0.01
7) Phenol-d6	6.61	99	122368	10.17	ng	-0.02
23) Nitrobenzene-d5	7.56	82	74588	6.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	21128	7.70	ng	-0.02
44) 2-Fluorobiphenyl	9.36	172	141323	8.25	ng	-0.02
78) Terphenyl-d14	13.12	244	109695	7.49	ng	-0.02
Target Compounds						
70) Phenanthrene	11.57	178	54481	2.540	ng	97
74) Fluoranthene	12.77	202	97975	4.186	ng	92
77) Pyrene	12.99	202	88109	3.736	ng	98
80) Benzo(a)anthracene	14.19	228	45910	2.148	ng	94
82) Chrysene	14.22	228	42317	2.159	ng	98
87) Benzo(b)fluoranthene	15.29	252	43562m	2.402	ng	

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

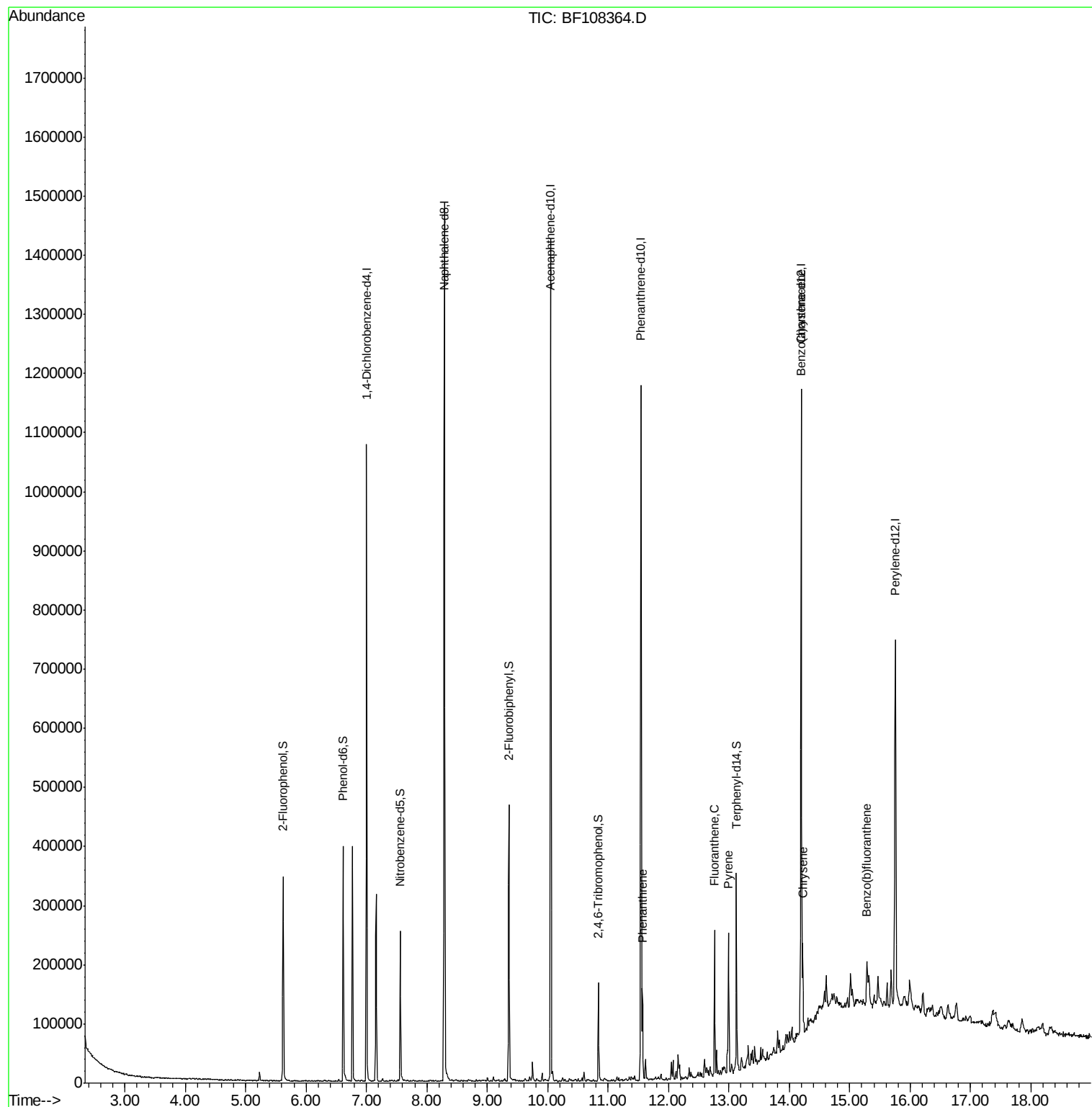
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
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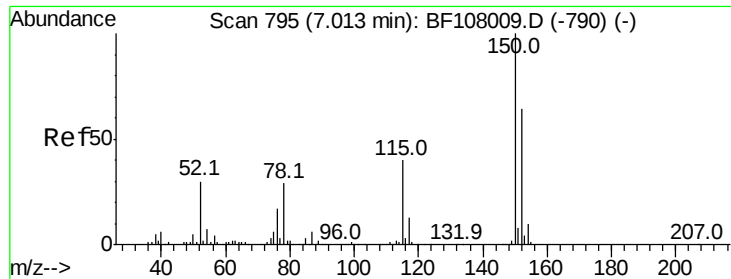
Instrument :
BNA_F
ClientSampleId :
CL-01-082018-E

Quant Time: Aug 22 05:08:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 15:20:21 2018
Response via : Initial Calibration

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#1

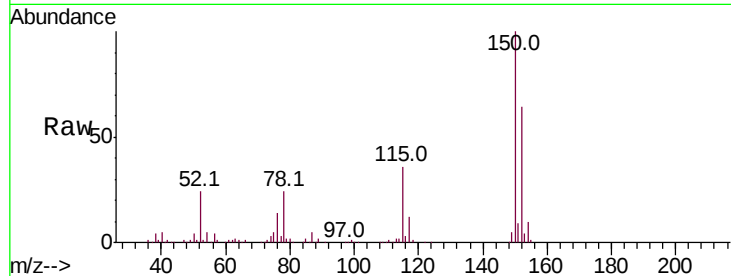
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108364.D
Acq: 22 Aug 2018 3:31

Instrument :
BNA_F
ClientSampled :
CL-01-082018-E

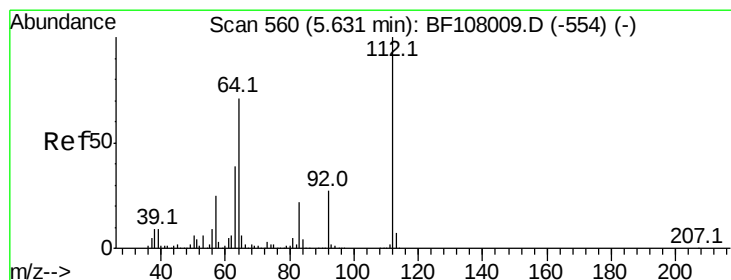
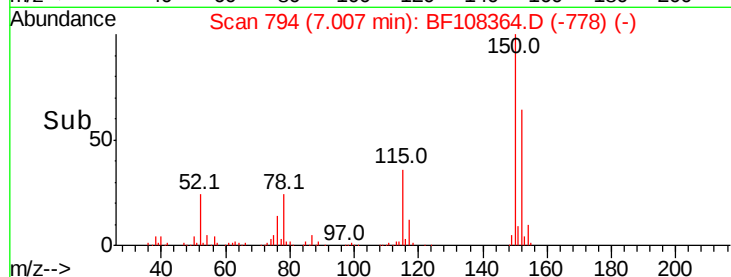
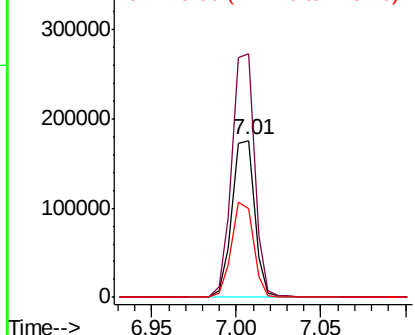
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	56.3	50.1	75.1

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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

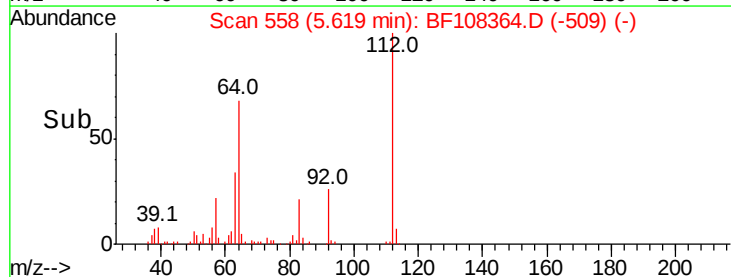
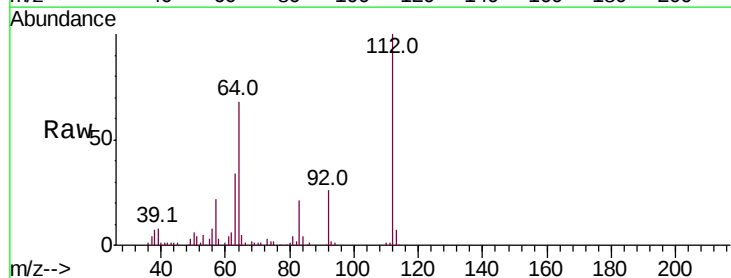
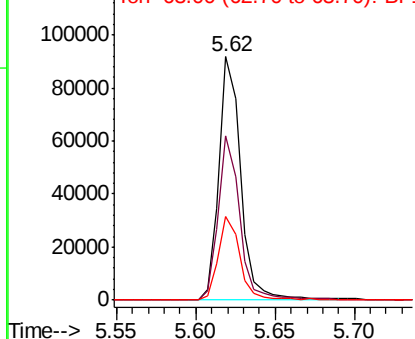


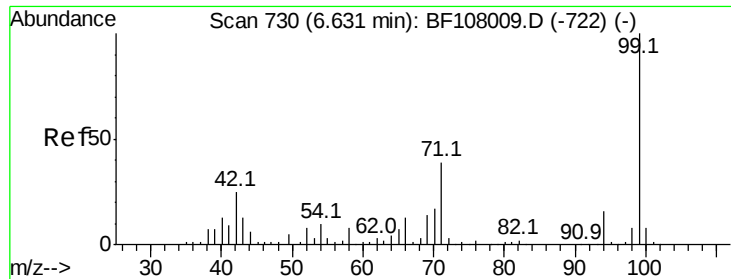
#5

2-Fluorophenol
Concen: 9.716 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108364.D
Acq: 22 Aug 2018 3:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	47.9	71.9
63	34.1	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: 10.169 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108364.D

Acq: 22 Aug 2018 3:31

Instrument :

BNA_F

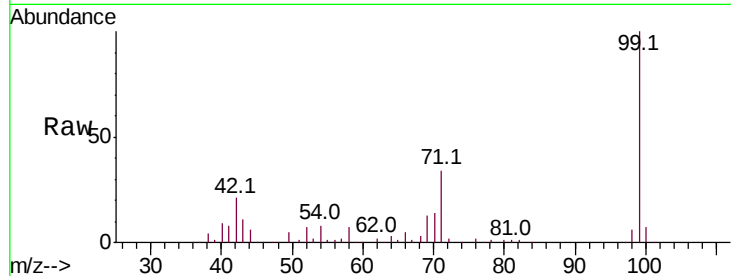
ClientSampled :

CL-01-082018-E

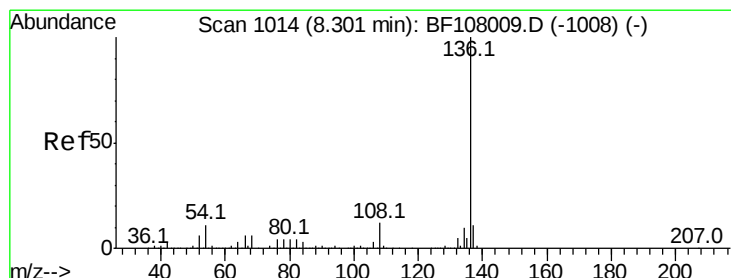
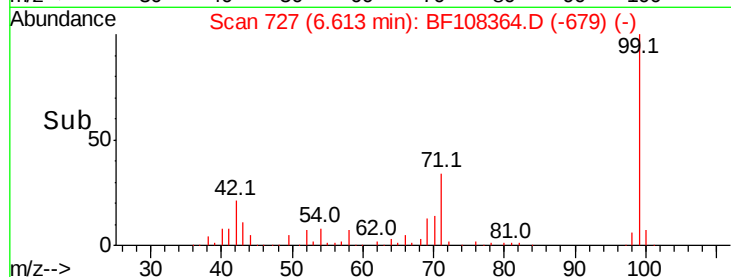
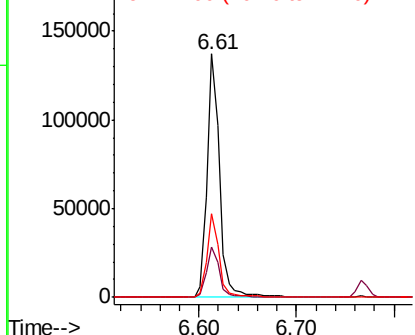
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		122368		
42	20.9	14.5	21.7		
71	34.3	25.4	38.0		

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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: 8.29 min Scan# 1012

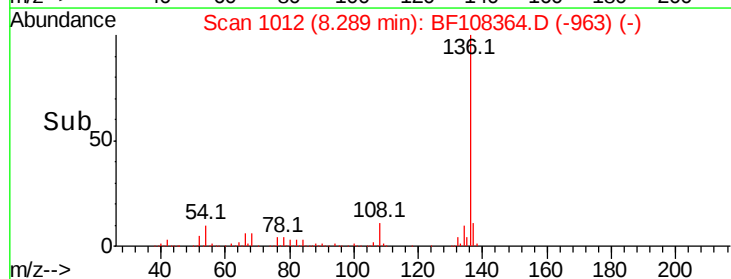
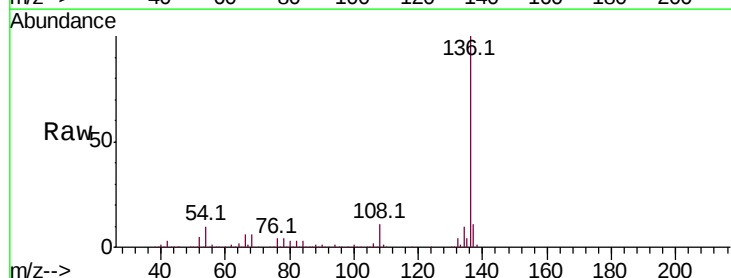
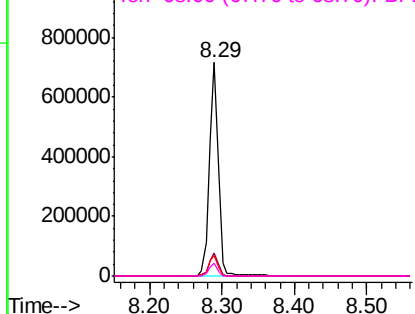
Delta R.T. -0.01 min

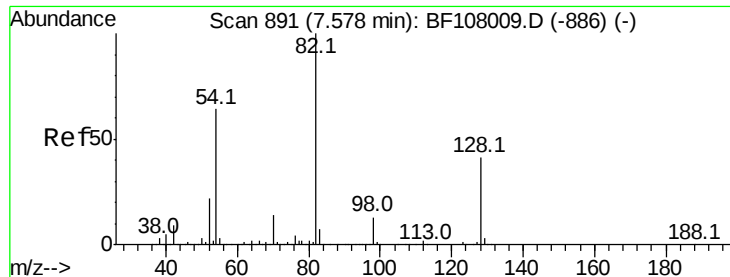
Lab File: BF108364.D

Acq: 22 Aug 2018 3:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		615115		
137	11.0	8.9	13.3		
54	9.7	6.6	9.8		
68	5.8	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





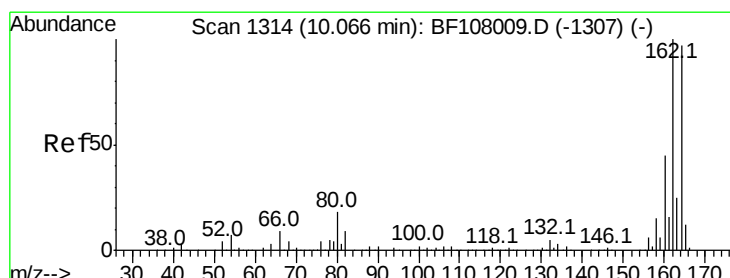
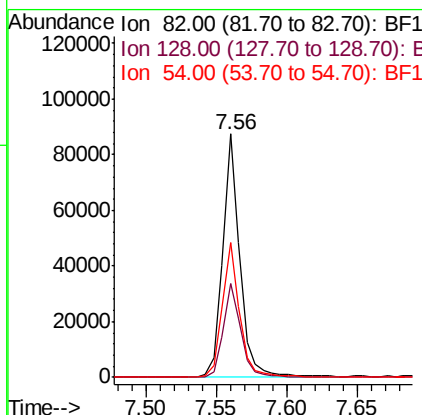
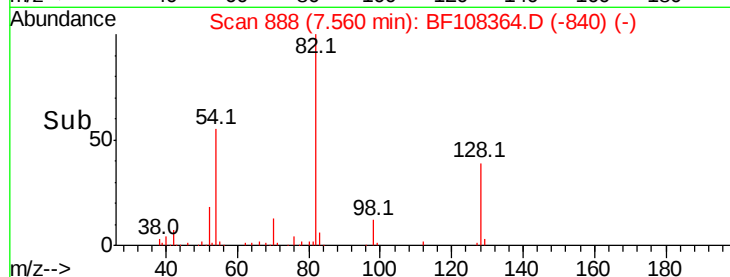
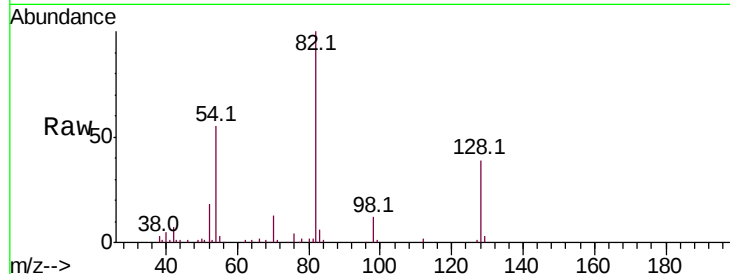
#23
Nitrobenzene-d5
Concen: 6.766 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF108364.D
Acq: 22 Aug 2018 3:31

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:	82	Resp:	74588
Ion Ratio	Lower	Upper	
82	100		
128	38.7	36.1	54.1
54	55.2	41.4	62.2

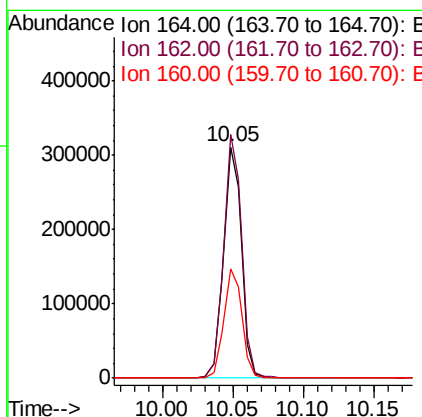
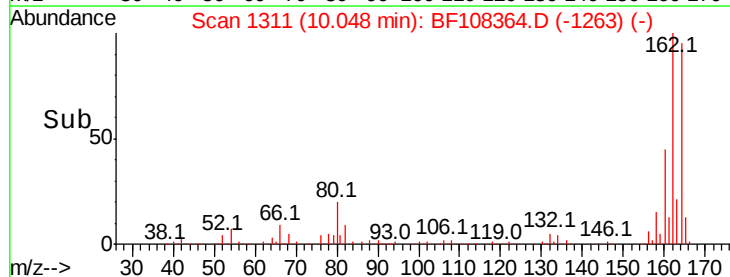
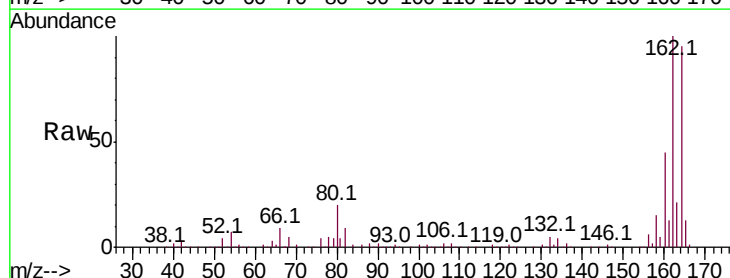
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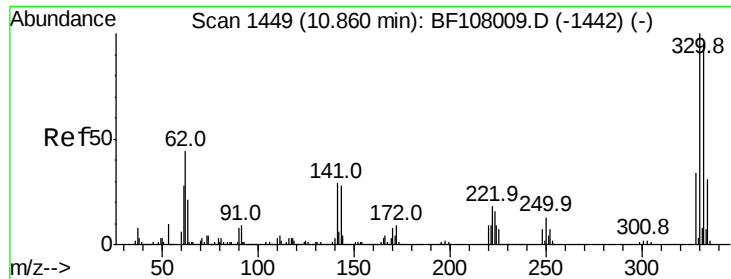
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF108364.D
Acq: 22 Aug 2018 3:31

Tgt Ion:	164	Resp:	275136
Ion Ratio	Lower	Upper	
164	100		
162	105.2	86.1	129.1
160	47.1	38.3	57.5





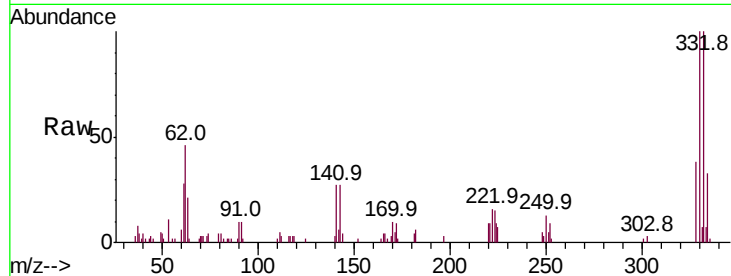
#41
 2,4,6-Tribromophenol
 Concen: 7.699 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF108364.D
 Acq: 22 Aug 2018 3:31

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-082018-E

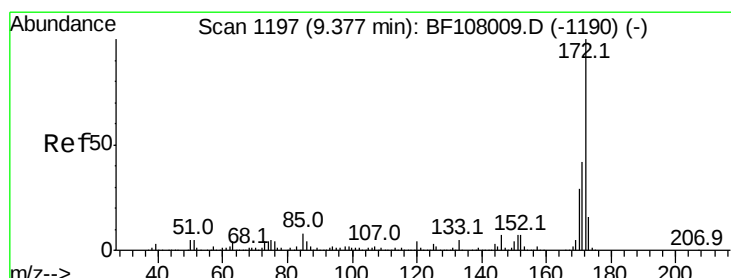
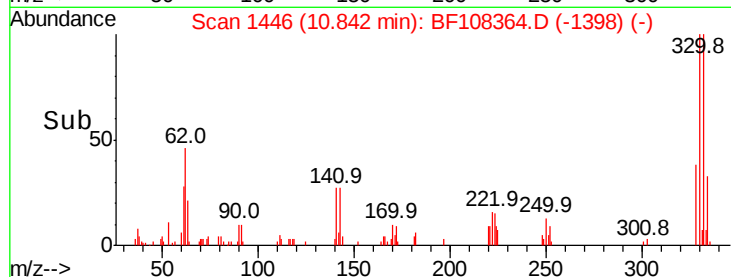
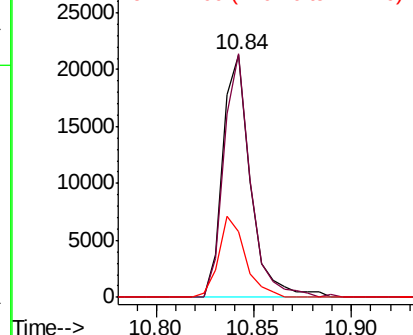
Tot Ion:	330	Resp:	21128
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.0	115.6
141	32.1	29.9	44.9

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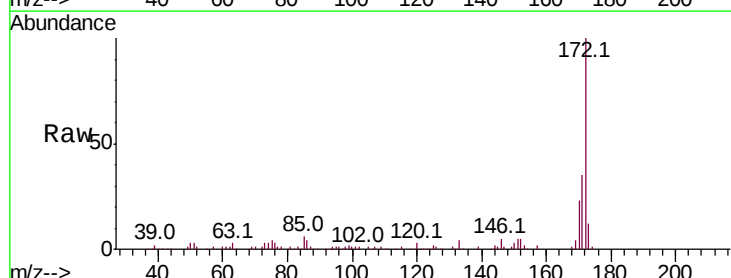


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

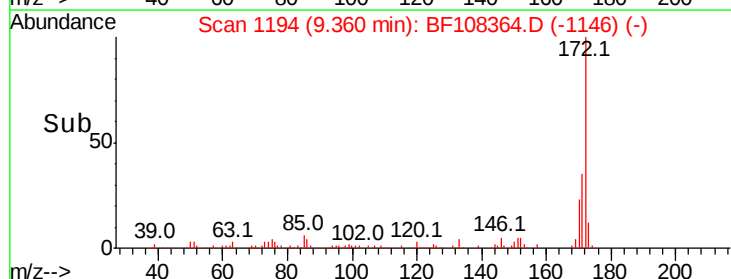
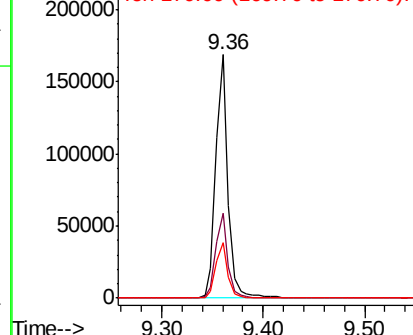


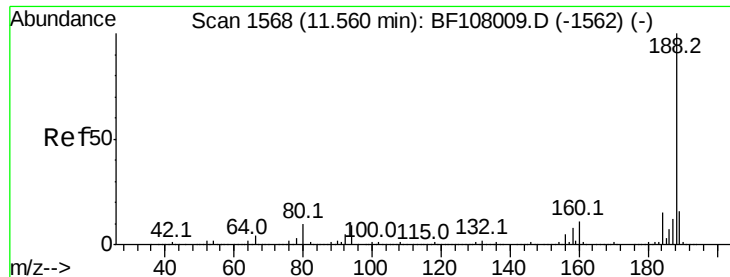
#44
 2-Fluorobiphenyl
 Concen: 8.246 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF108364.D
 Acq: 22 Aug 2018 3:31

Tgt Ion:	172	Resp:	141323
Ion Ratio	Lower	Upper	
172	100		
171	34.7	29.7	44.5
170	22.8	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





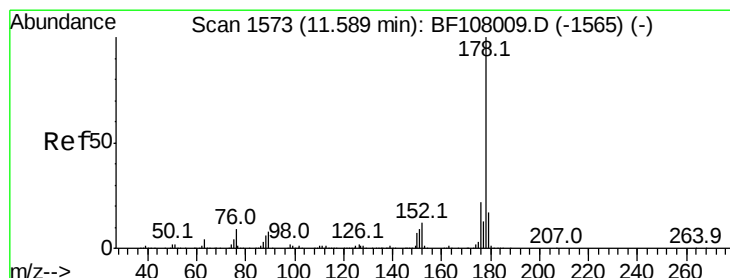
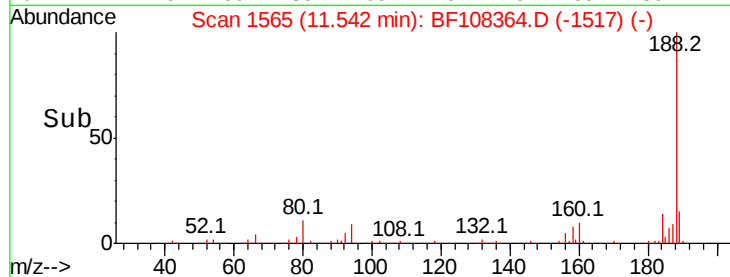
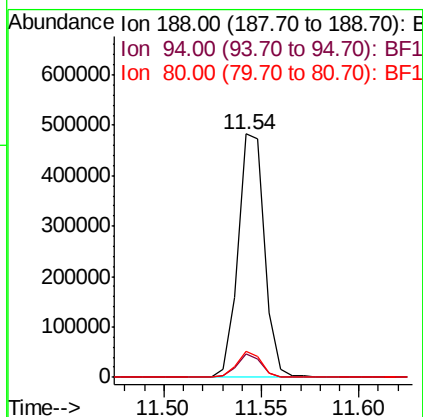
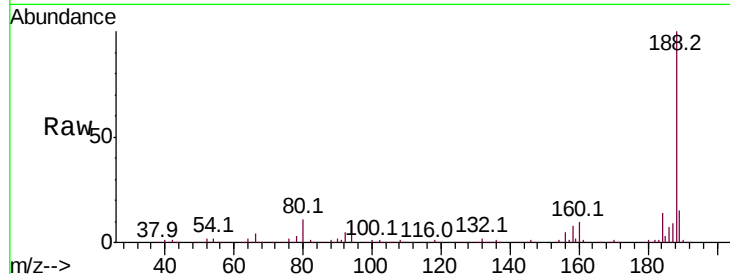
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF108364.D
Acq: 22 Aug 2018 3:31

Instrument :
BNA_F
ClientSampleId :
CL-01-082018-E

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.5	8.5	12.7	
80	10.6	9.2	13.8	

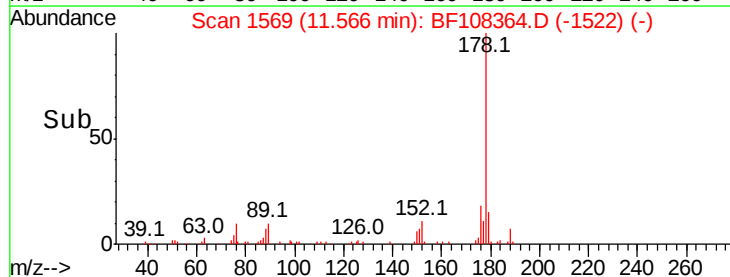
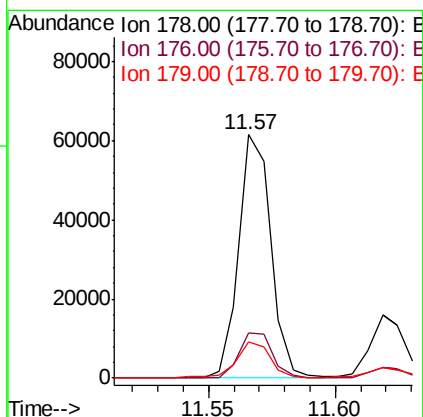
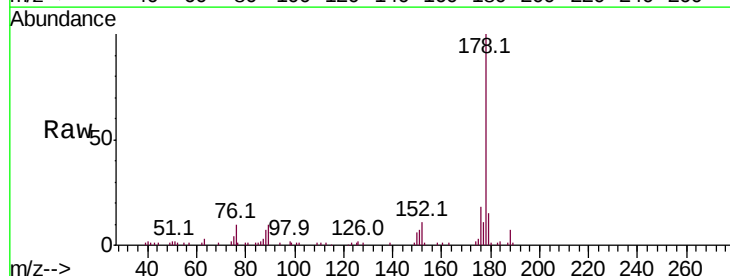
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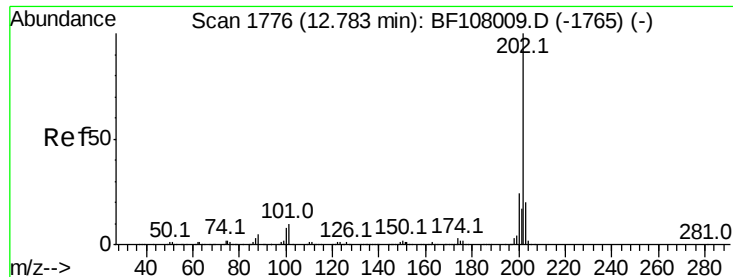
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#70
Phenanthrene
Concen: 2.540 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF108364.D
Acq: 22 Aug 2018 3:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.3	15.8	23.8	
179	15.1	13.0	19.6	





#74

Fluoranthene

Concen: 4.186 ng

RT: 12.77 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BF108364.D

Acq: 22 Aug 2018 3:31

Instrument :

BNA_F

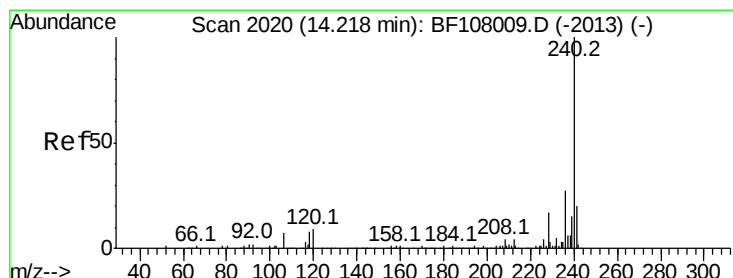
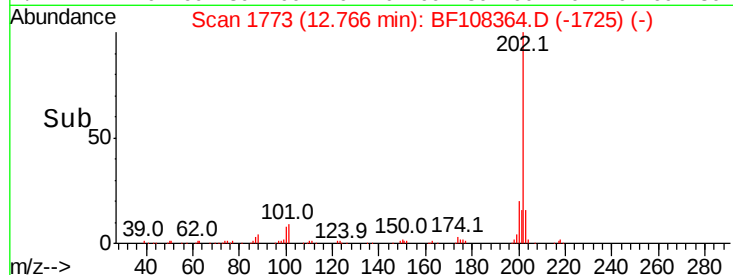
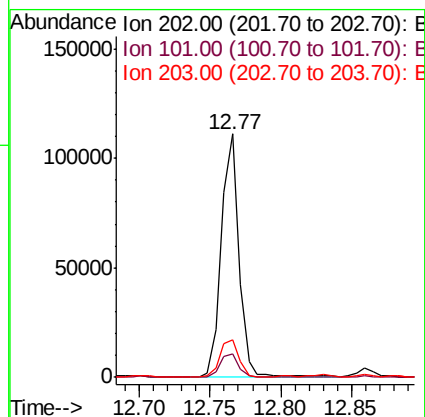
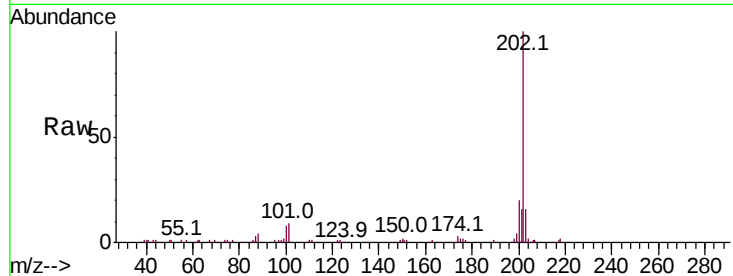
ClientSampleId :

CL-01-082018-E

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.5	0.0	34.1
203	15.7	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

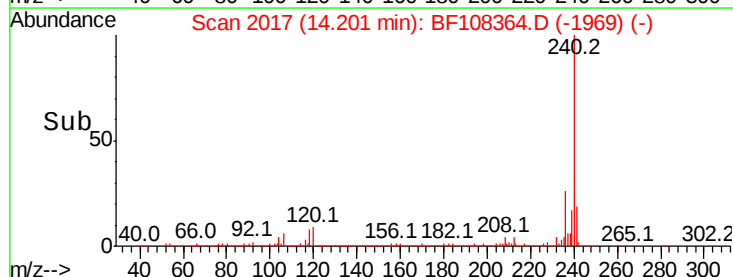
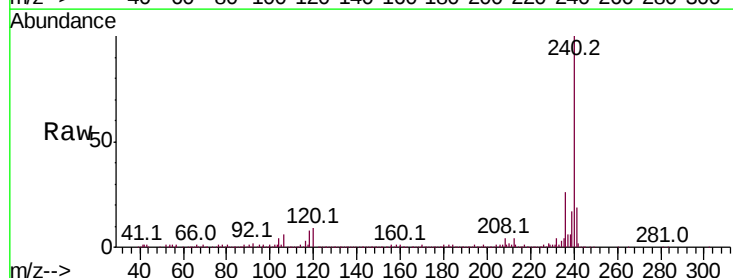
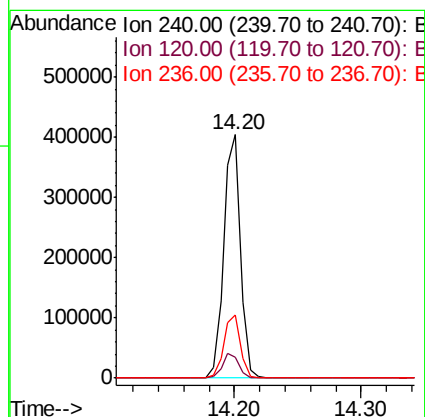
RT: 14.20 min Scan# 2017

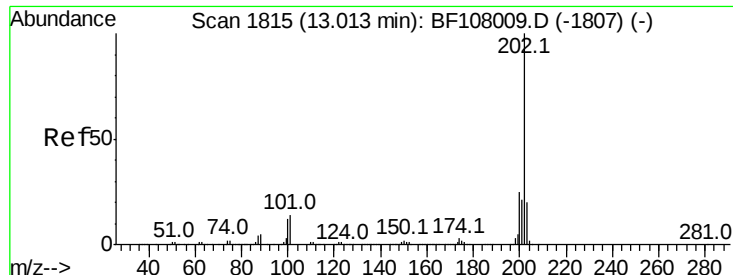
Delta R.T. -0.02 min

Lab File: BF108364.D

Acq: 22 Aug 2018 3:31

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	25.8	20.7	31.1





#77

Pvrene

Concen: 3.736 ng

RT: 12.99 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF108364.D

Acq: 22 Aug 2018 3:31

Instrument :

BNA_F

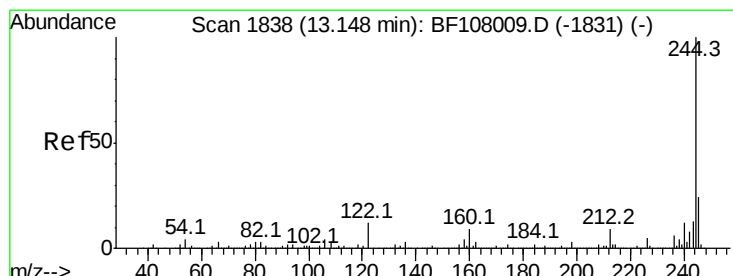
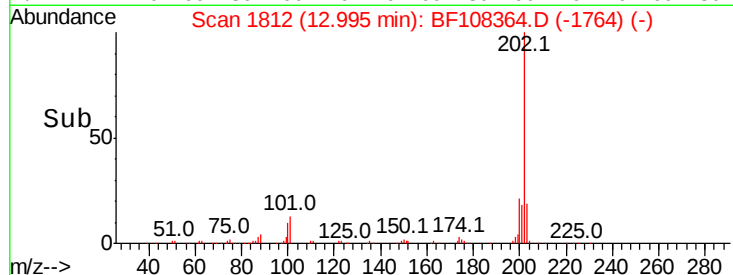
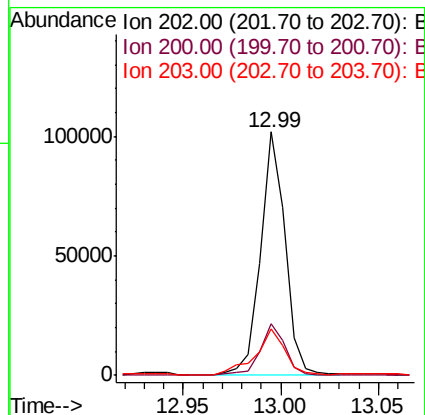
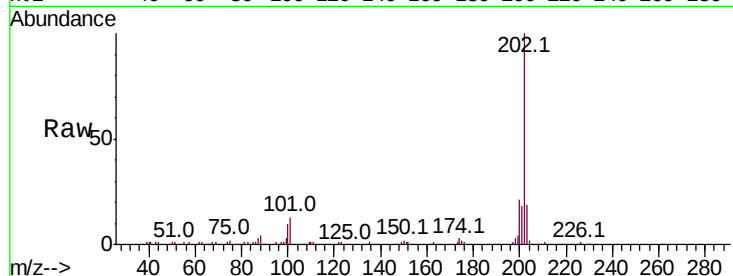
ClientSampleId :

CL-01-082018-E

Tot Ion:	202	Resp:	88109
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	19.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 7.488 ng

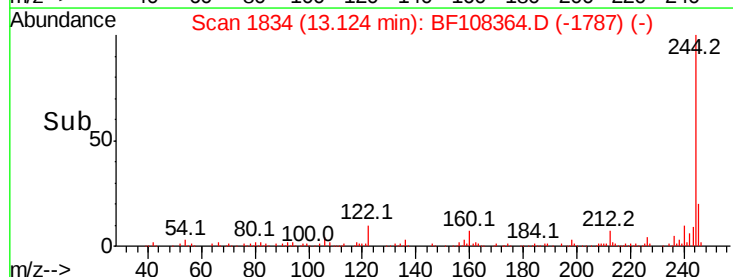
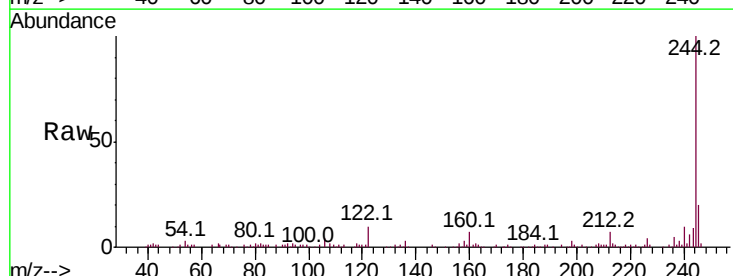
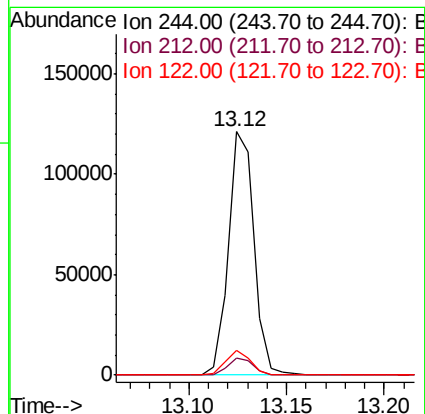
RT: 13.12 min Scan# 1834

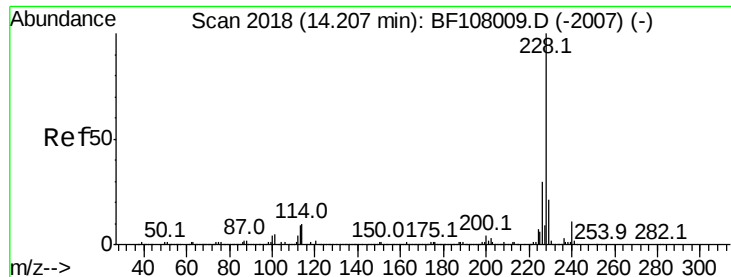
Delta R.T. -0.02 min

Lab File: BF108364.D

Acq: 22 Aug 2018 3:31

Tgt Ion:	244	Resp:	109695
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	10.1	11.0	16.4#





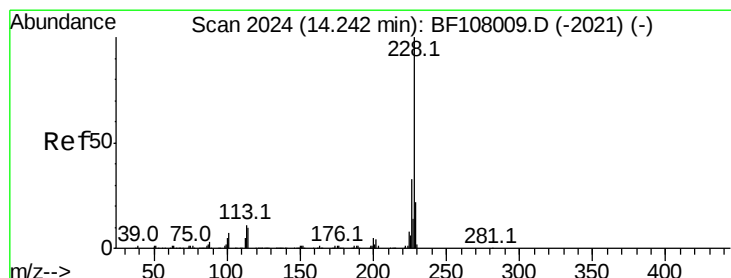
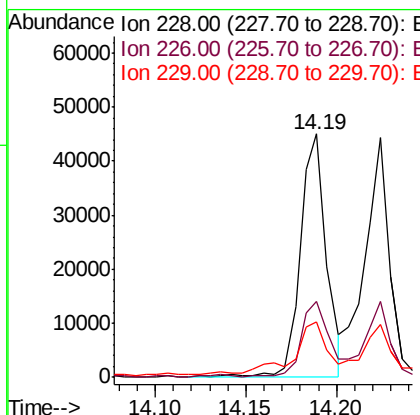
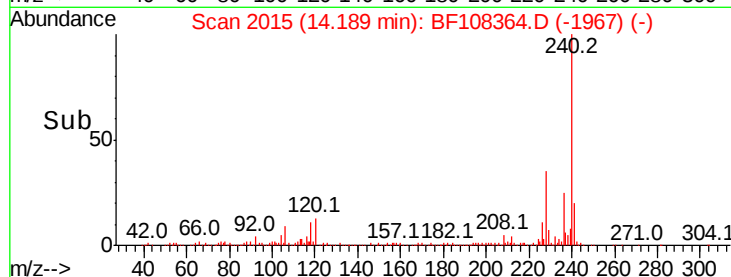
#80
Benzo(a)anthracene
Concen: 2.148 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF108364.D
Acq: 22 Aug 2018 3:31

Instrument :
BNA_F
ClientSampleId :
CL-01-082018-E

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	33.8
229	22.5	15.8	23.6

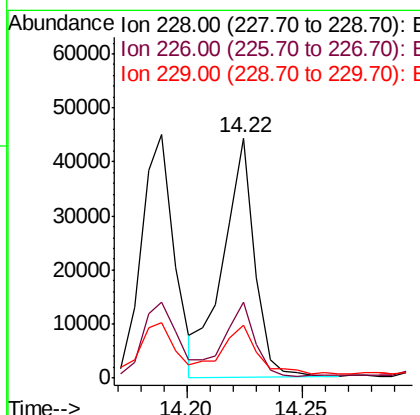
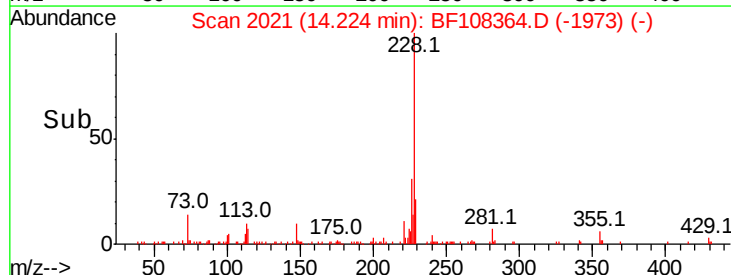
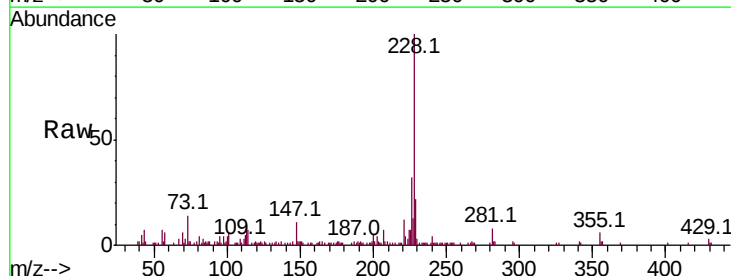
Manual Integrations
APPROVED

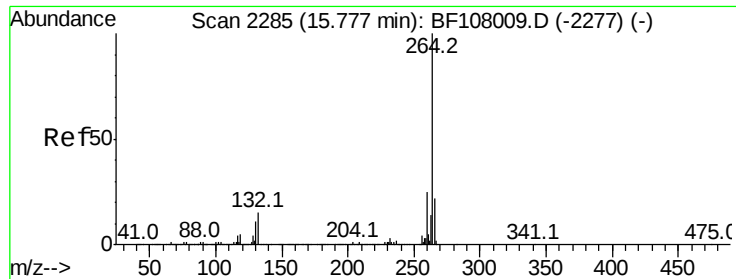
Sohil
8/22/2018 4:03:27 PM



#82
Chrysene
Concen: 2.159 ng
RT: 14.22 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF108364.D
Acq: 22 Aug 2018 3:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	22.0	16.2	24.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF108364.D

Acq: 22 Aug 2018 3:31

Instrument :

BNA_F

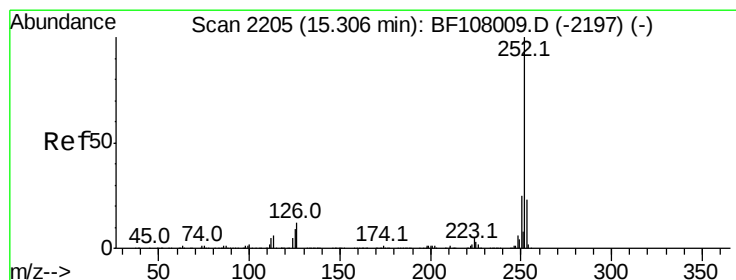
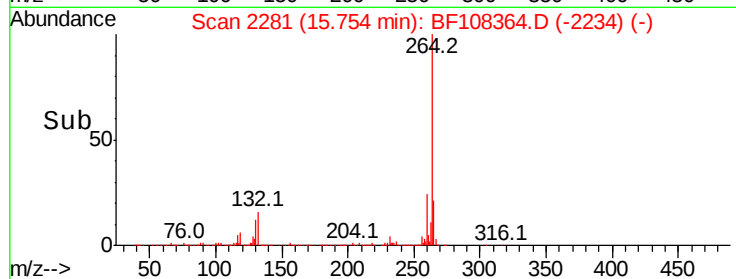
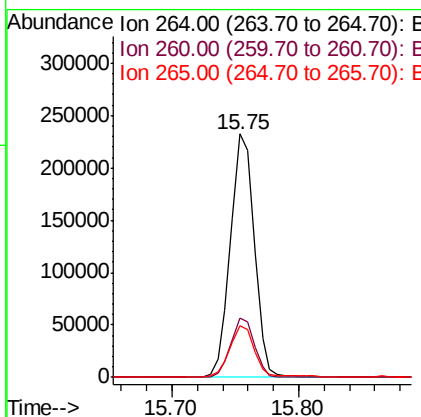
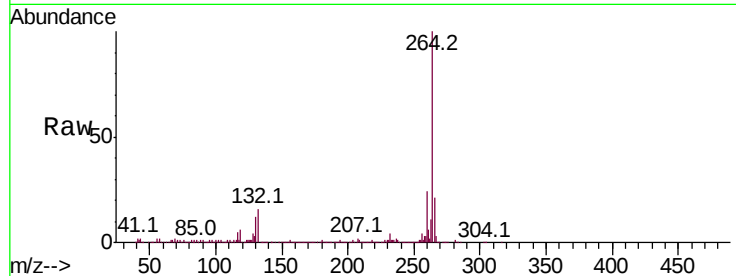
ClientSampleId :

CL-01-082018-E

Tot Ion:	264	Resp:	303520
Ion Ratio		Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.5	26.3

Manual Integrations
APPROVED

Sohil
8/22/2018 4:03:27 PM



#87

Benzo(b)fluoranthene

Concen: 2.402 ng m

RT: 15.29 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BF108364.D

Acq: 22 Aug 2018 3:31

Tgt Ion:	252	Resp:	43562
Ion Ratio		Lower	Upper
252	100		
253	24.3	17.0	25.6
125	12.0	9.0	13.6

