

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111301.D
 Acq On : 12 Dec 2018 2:54
 Operator : JU/SJ
 Sample : J6193-09 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-121018-E

Manual Integrations
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Sohil
 12/12/2018 5:30:17 PM

Quant Time: Dec 12 04:47:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	265120	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1059258	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	461436	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	706082	20.00	ng	0.00
76) Chrysene-d12	13.95	240	578521	20.00	ng	0.00
87) Perylene-d12	15.39	264	466957	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	354824	21.13	ng	0.00
7) Phenol-d6	6.42	99	458069	21.95	ng	-0.02
23) Nitrobenzene-d5	7.35	82	257137	13.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	75986	18.59	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	482165	11.55	ng	-0.01
79) Terphenyl-d14	12.90	244	342996	14.22	ng	0.00
Target Compounds						
71) Phenanthrene	11.34	178	119692	3.361	ng	92
75) Fluoranthene	12.52	202	86074	2.646	ng	98
78) Pyrene	12.75	202	111027m	2.686	ng	

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

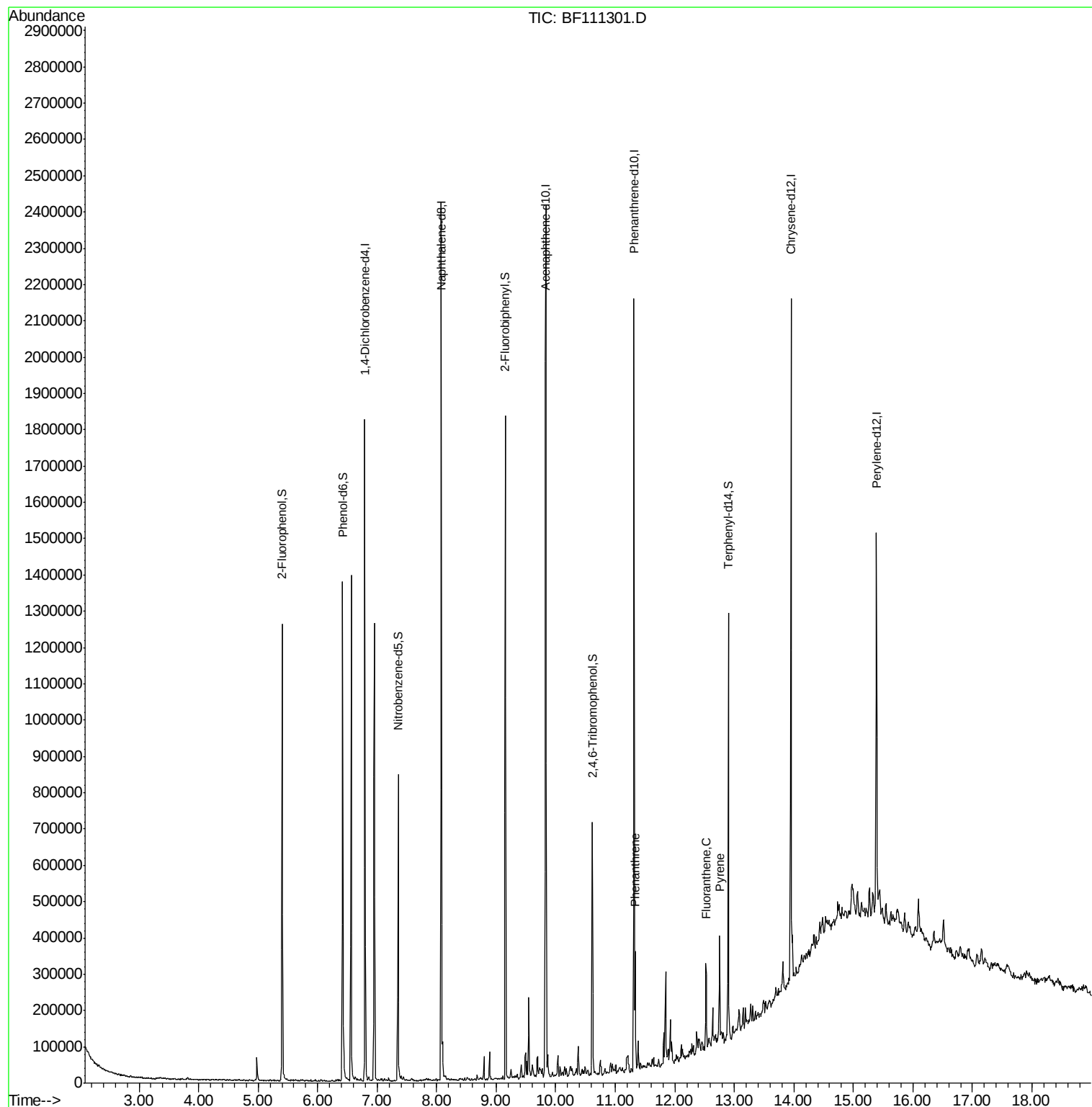
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111301.D
Acq On : 12 Dec 2018 2:54
Operator : JU/SJ
Sample : J6193-09 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

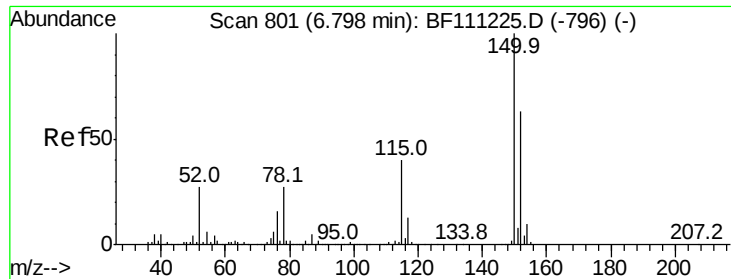
Instrument :
BNA_F
ClientSampleId :
CL-01-121018-E

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#1

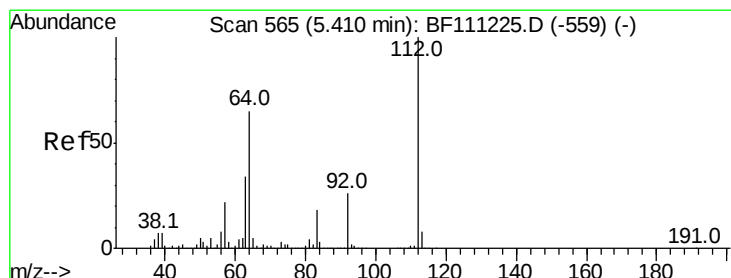
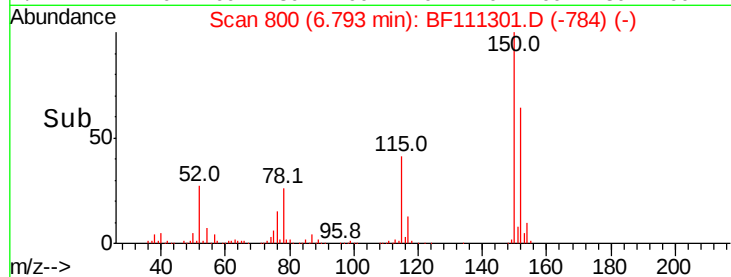
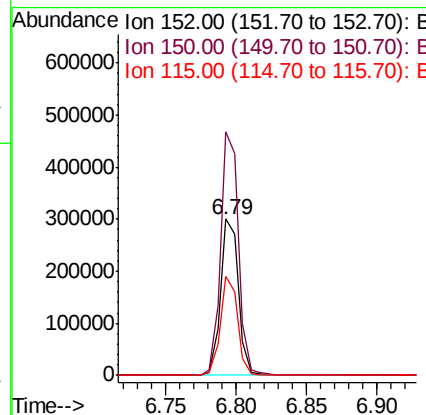
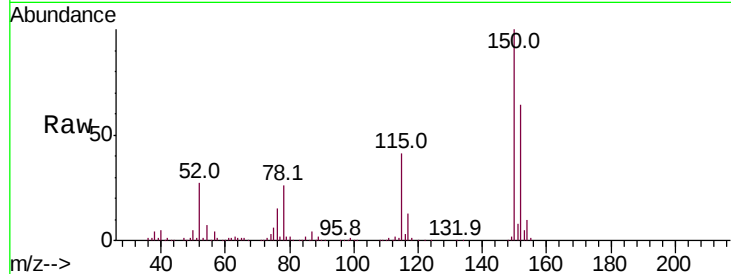
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF111301.D
Acq: 12 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-E

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.6	189.8
115	63.6	50.7	76.1

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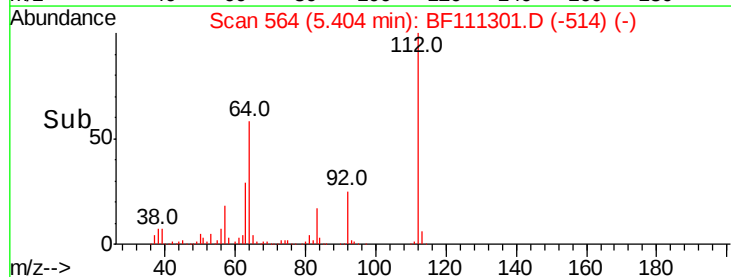
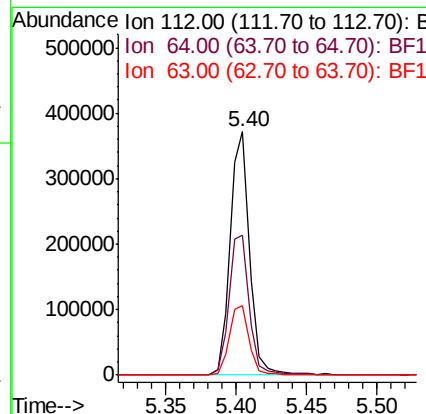
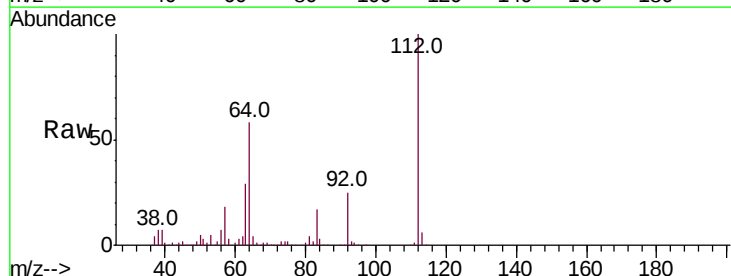
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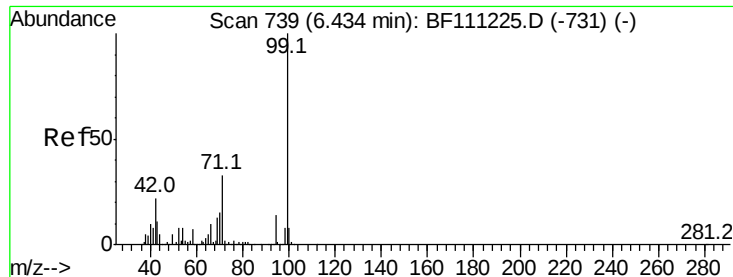


#5

2-Fluorophenol
Concen: 21.134 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111301.D
Acq: 12 Dec 2018 2:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	51.8	77.6
63	28.6	26.8	40.2





#7

Phenol-d6

Concen: 21.954 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF111301.D

Acq: 12 Dec 2018 2:54

Instrument :

BNA_F

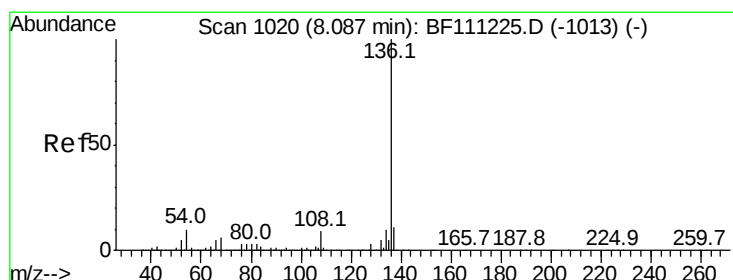
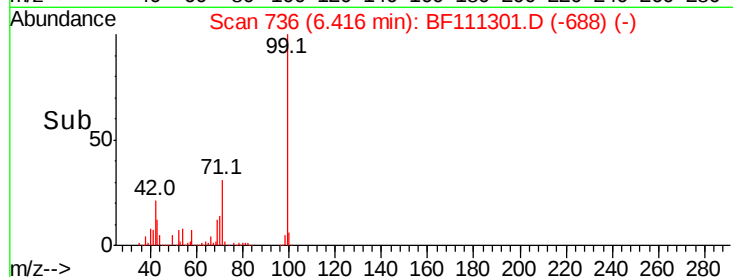
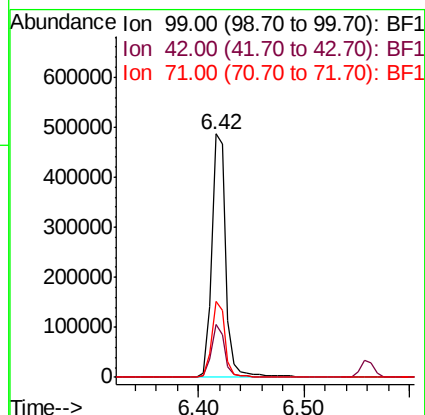
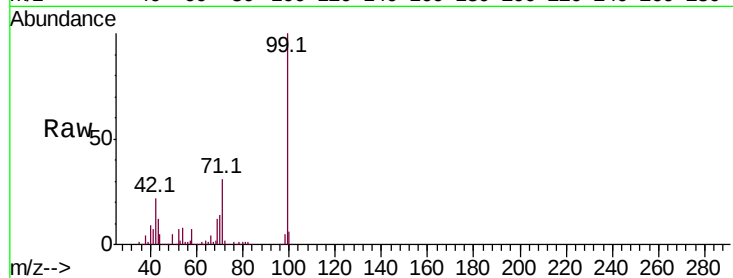
ClientSampleId :

CL-01-121018-E

Tot Ion:	99	Resp:	458069
Ion Ratio	Lower	Upper	
99	100		
42	21.5	17.4	26.0
71	31.2	26.1	39.1

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#21

Naphthalene-d8

Concen: 20.000 ng

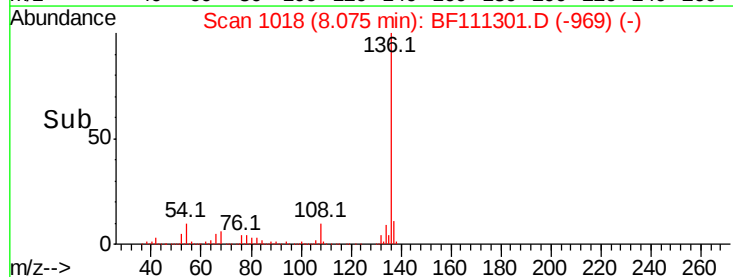
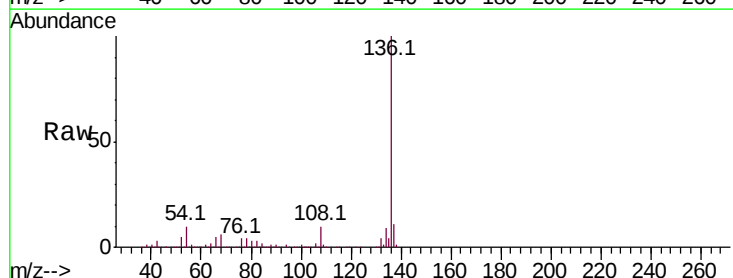
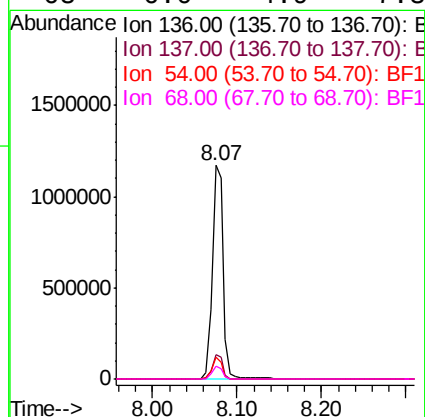
RT: 8.07 min Scan# 1018

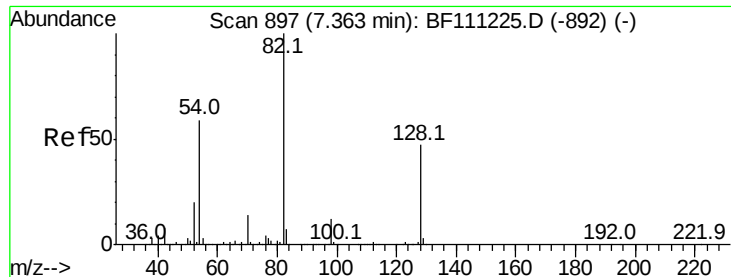
Delta R.T. -0.01 min

Lab File: BF111301.D

Acq: 12 Dec 2018 2:54

Tgt Ion:	136	Resp:	1059258
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	10.4	7.7	11.5
68	6.0	4.9	7.3





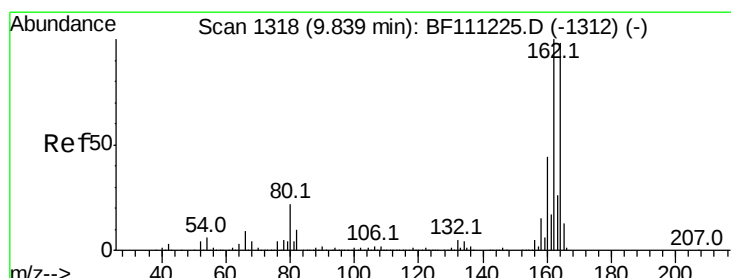
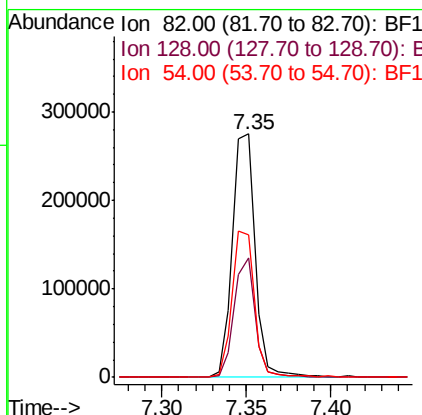
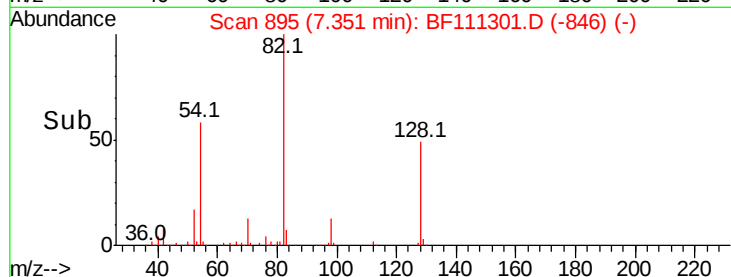
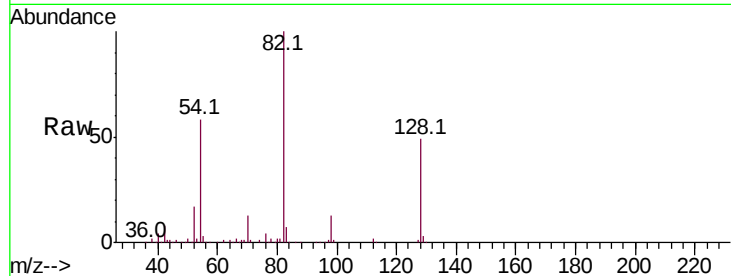
#23
Nitrobenzene-d5
Concen: 13.616 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111301.D
Acq: 12 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-E

Tot Ion	Ratio	Resp	Lower	Upper
82	100	257137		
128	49.3	37.4	56.2	
54	58.3	47.6	71.4	

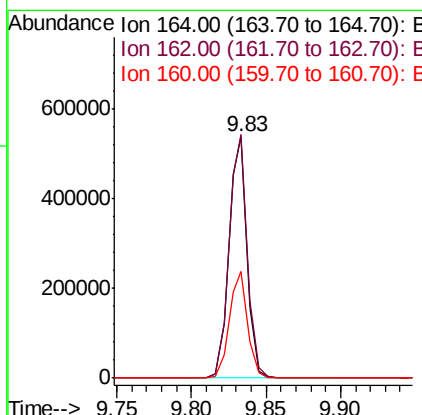
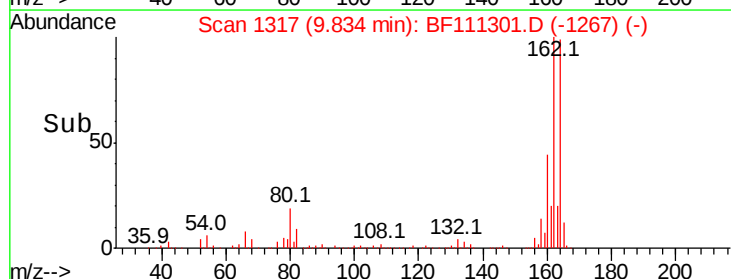
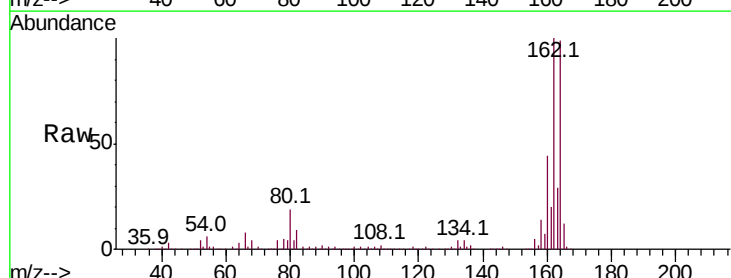
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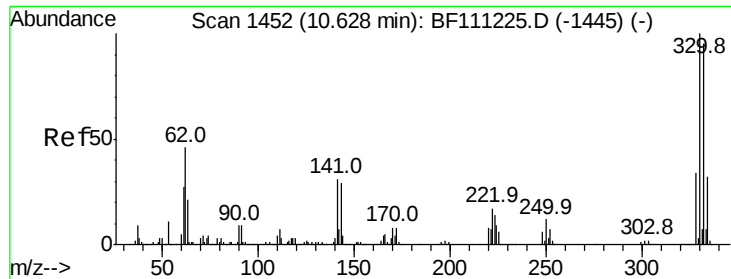
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111301.D
Acq: 12 Dec 2018 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	461436		
162	100.8	81.4	122.0	
160	44.3	35.7	53.5	





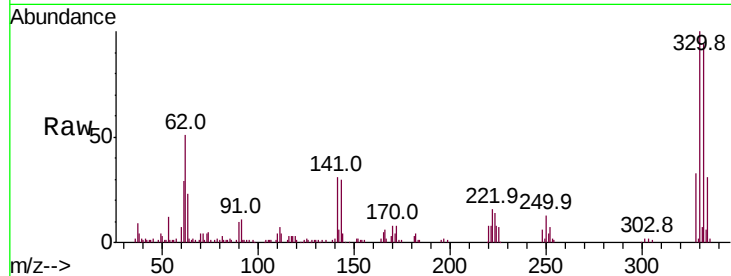
#42
 2,4,6-Tribromophenol
 Concen: 18.590 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111301.D
 Acq: 12 Dec 2018 2:54

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-121018-E

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.0	114.0
141	39.8	31.0	46.6

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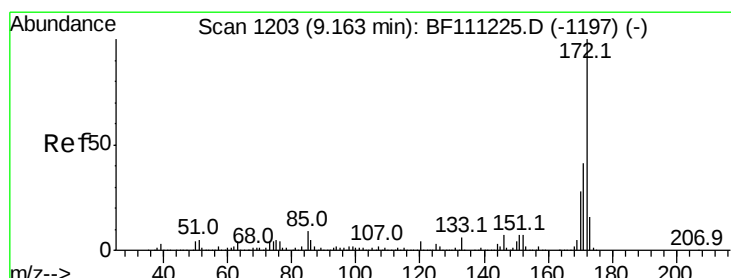
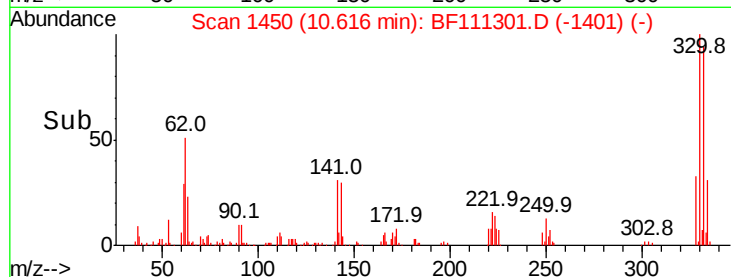
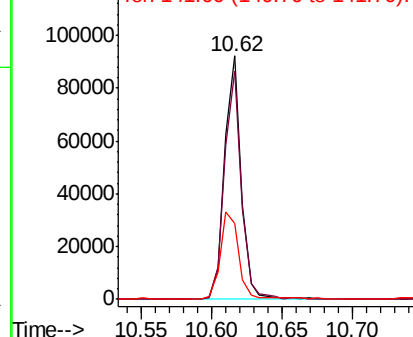


Abundance

Ion 329.80 (329.50 to 330.50): E

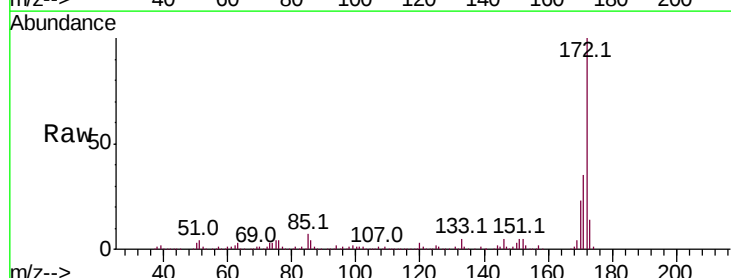
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 11.547 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111301.D
 Acq: 12 Dec 2018 2:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	33.0	49.4
170	23.0	22.3	33.5

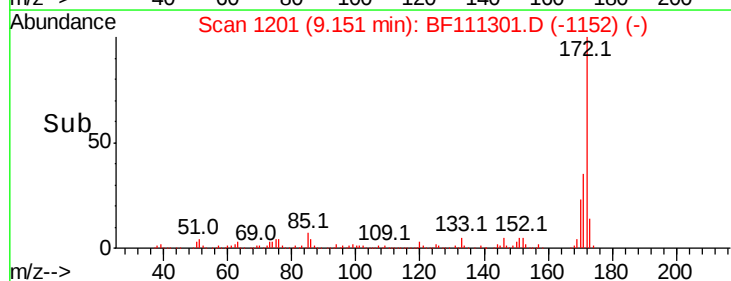
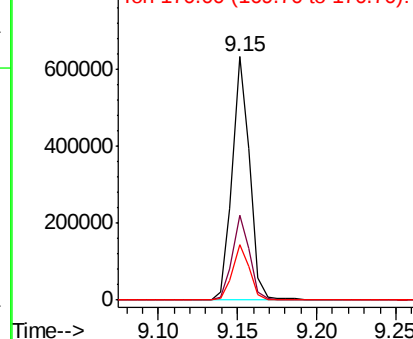


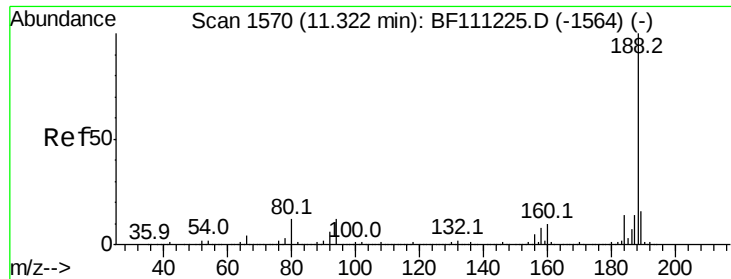
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF111301.D

Acq: 12 Dec 2018 2:54

Instrument :

BNA_F

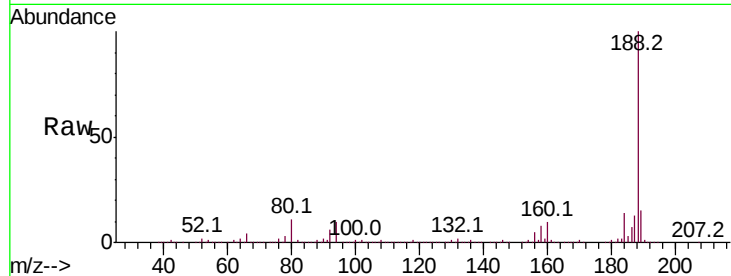
ClientSampleId :

CL-01-121018-E

Tot Ion:	188	Resp:	706082
Ion Ratio	Lower	Upper	
188	100		
94	10.1	9.6	14.4
80	10.9	9.8	14.6

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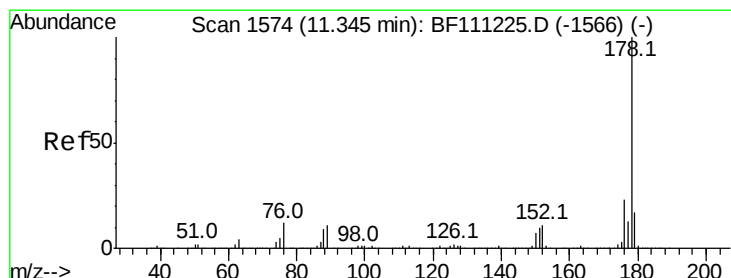
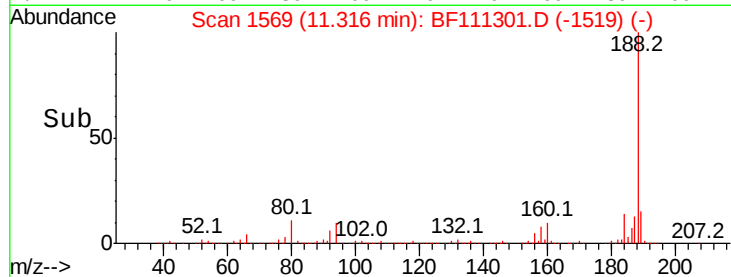
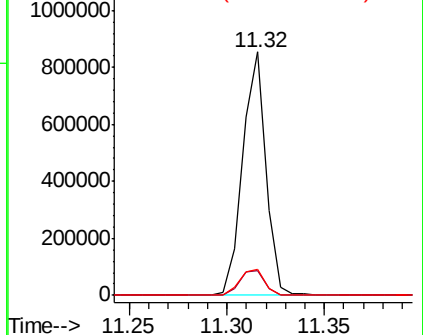
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 3.361 ng

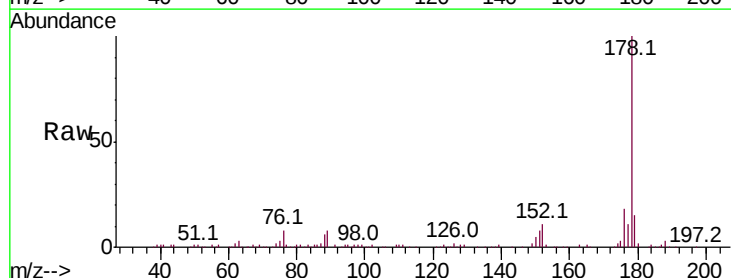
RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF111301.D

Acq: 12 Dec 2018 2:54

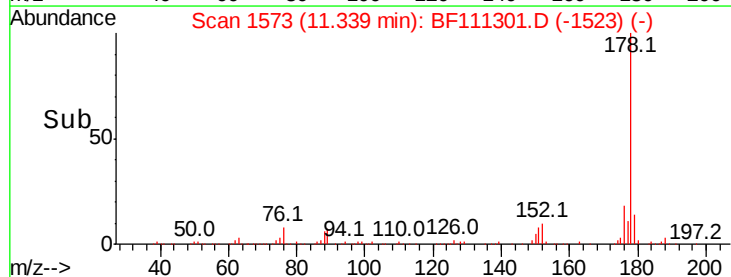
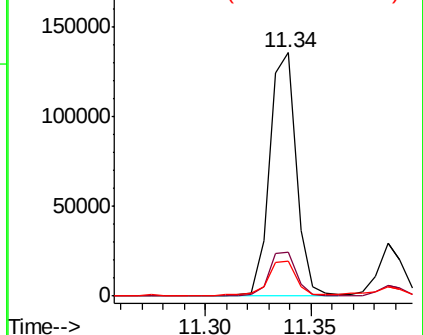
Tgt Ion:	178	Resp:	119692
Ion Ratio	Lower	Upper	
178	100		
176	18.2	18.1	27.1
179	14.5	14.0	21.0

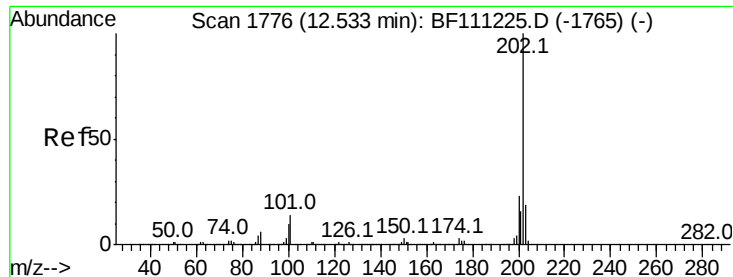


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.646 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111301.D

Acq: 12 Dec 2018 2:54

Instrument :

BNA_F

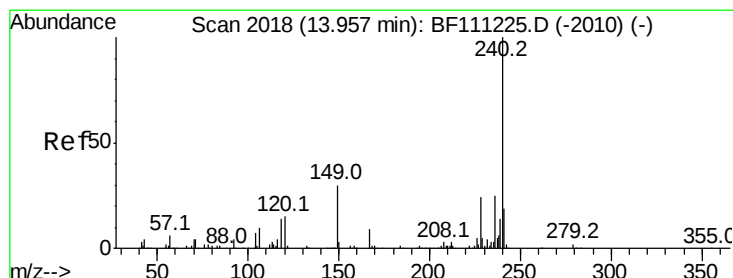
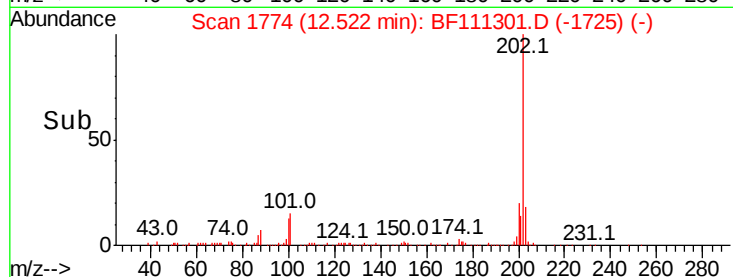
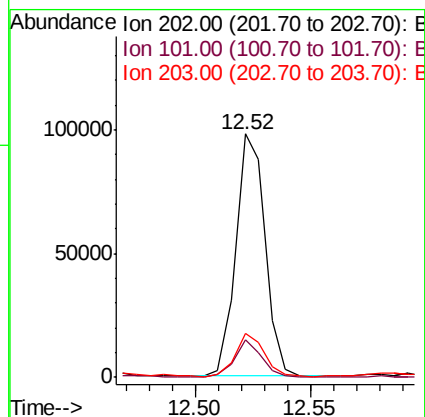
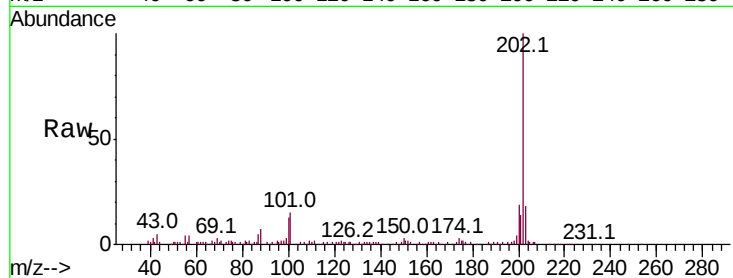
ClientSampleId :

CL-01-121018-E

Tot Ion:	202	Resp:	86074
Ion Ratio	Lower	Upper	
202	100		
101	15.2	0.0	33.8
203	18.0	0.0	38.6

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#76

Chrysene-d12

Concen: 20.000 ng

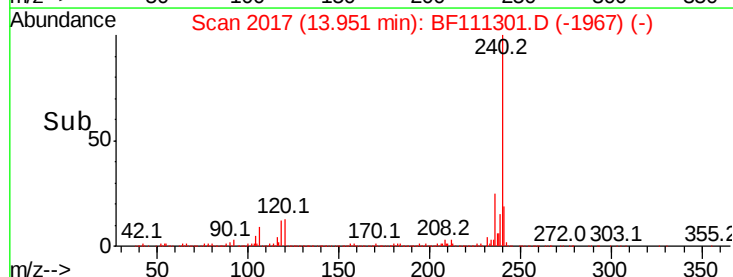
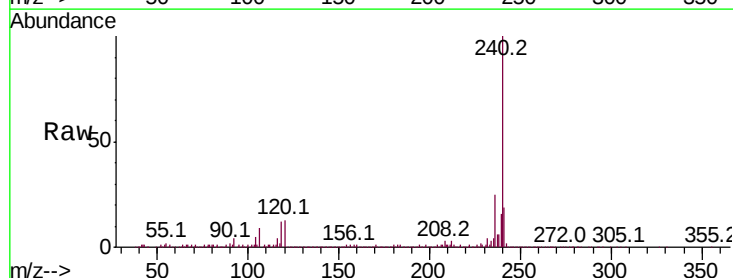
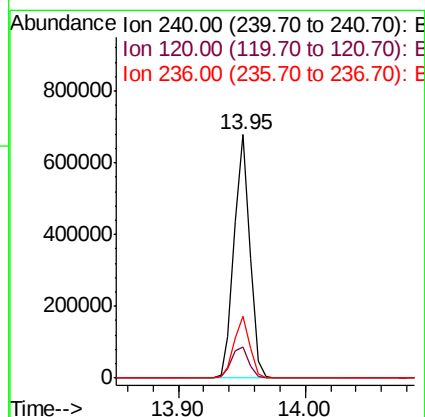
RT: 13.95 min Scan# 2017

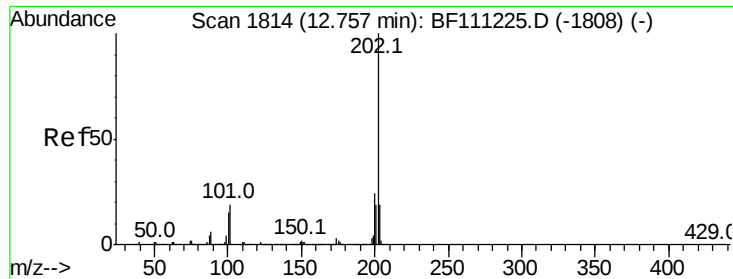
Delta R.T. -0.01 min

Lab File: BF111301.D

Acq: 12 Dec 2018 2:54

Tgt Ion:	240	Resp:	578521
Ion Ratio	Lower	Upper	
240	100		
120	12.8	12.2	18.2
236	25.2	20.2	30.2





#78

Pvrene

Concen: 2.686 ng/mL

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111301.D

Acq: 12 Dec 2018 2:54

Instrument :

BNA_F

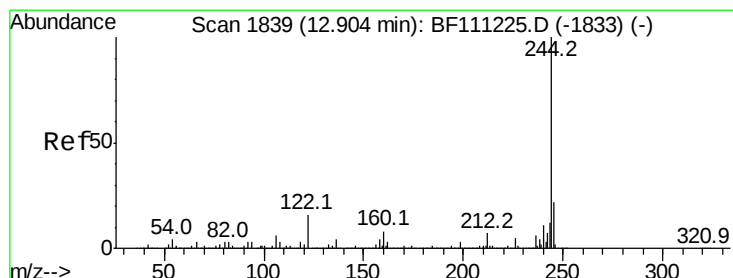
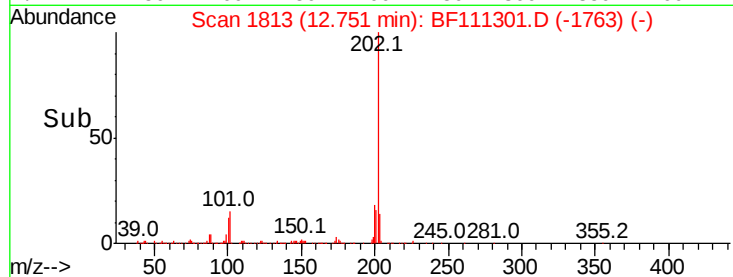
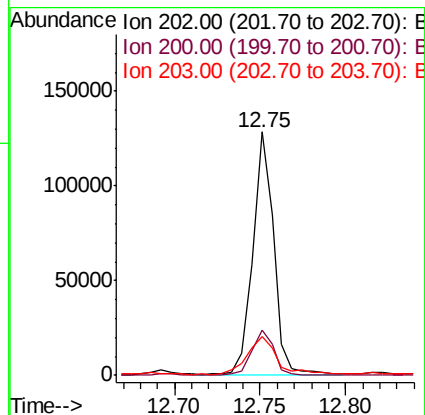
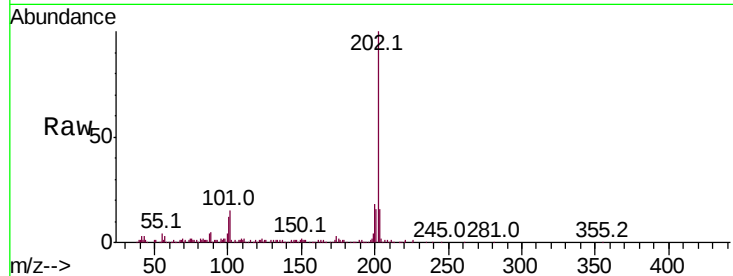
ClientSampleId :

CL-01-121018-E

Tot Ion:	202	Resp:	111027
Ion Ratio	Lower	Upper	
202	100		
200	18.4	19.0	28.4#
203	15.7	15.2	22.8

Manual Integrations
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#79

Terphenyl-d14

Concen: 14.221 ng/mL

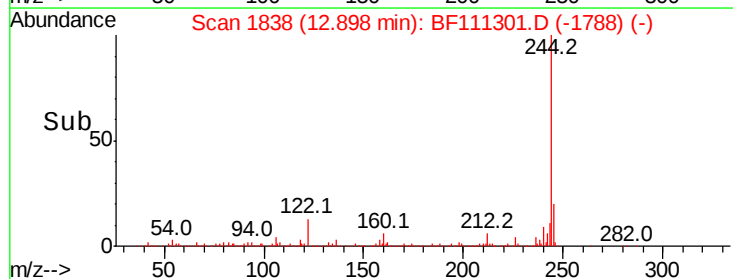
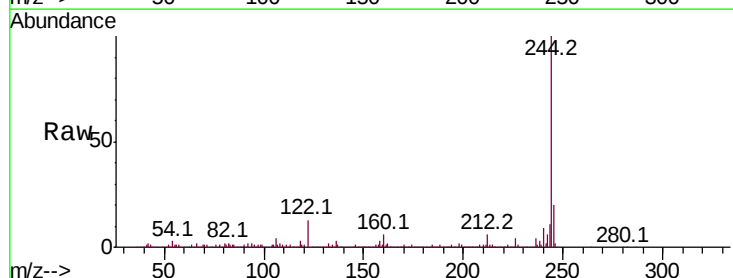
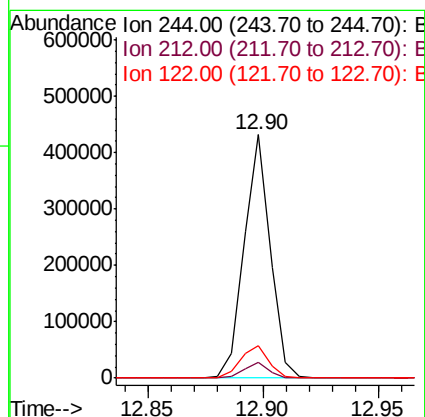
RT: 12.90 min Scan# 1838

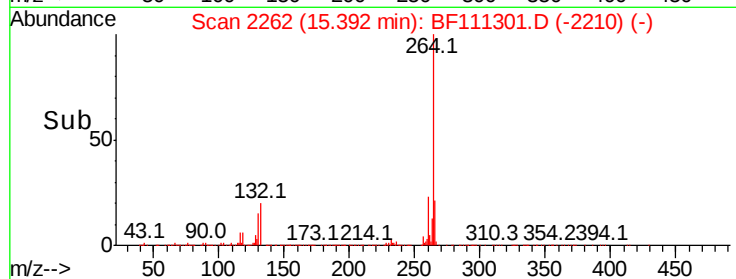
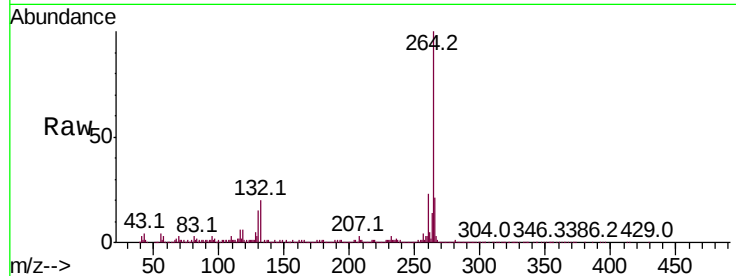
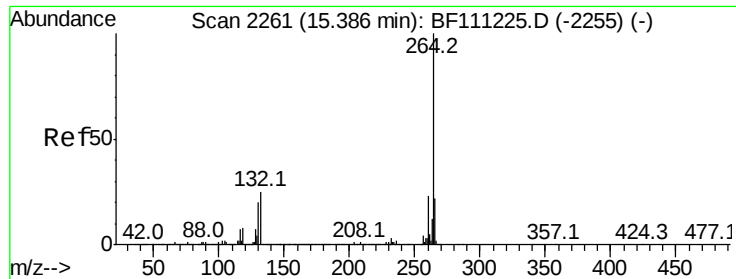
Delta R.T. -0.01 min

Lab File: BF111301.D

Acq: 12 Dec 2018 2:54

Tgt Ion:	244	Resp:	342996
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.7	8.5
122	13.1	13.1	19.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111301.D
Acq: 12 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
CL-01-121018-E

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.2	18.3	27.5
265	21.3	17.7	26.5

Manual Integrations
APPROVED

Sohil
12/12/2018 5:30:17 PM

