

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
 Data File : BF111792.D
 Acq On : 28 Dec 2018 16:50
 Operator : JU/SJ
 Sample : J6193-13 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-122718-B

Manual Integrations
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Quant Time: Dec 29 01:41:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	152479	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	533106	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	213611	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	341920	20.00	ng	0.01
76) Chrysene-d12	14.07	240	386847	20.00	ng	0.02
87) Perylene-d12	15.56	264	316356	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	463655	51.83	ng	0.02
7) Phenol-d6	6.54	99	568490	49.94	ng	0.02
23) Nitrobenzene-d5	7.46	82	350438	38.26	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	115590	45.80	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	577662	39.42	ng	0.00
79) Terphenyl-d14	13.01	244	519109	25.45	ng	0.01
Target Compounds						
10) Phenol	6.55	94	38023	2.960	ng	91
50) Dimethylphthalate	9.65	163	74453	4.766	ng	99
71) Phenanthrene	11.45	178	41400	2.283	ng	98
75) Fluoranthene	12.64	202	70166	3.821	ng	94
78) Pyrene	12.87	202	72904	2.669	ng	95
88) Benzo(b)fluoranthene	15.12	252	37204m	2.012	ng	

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

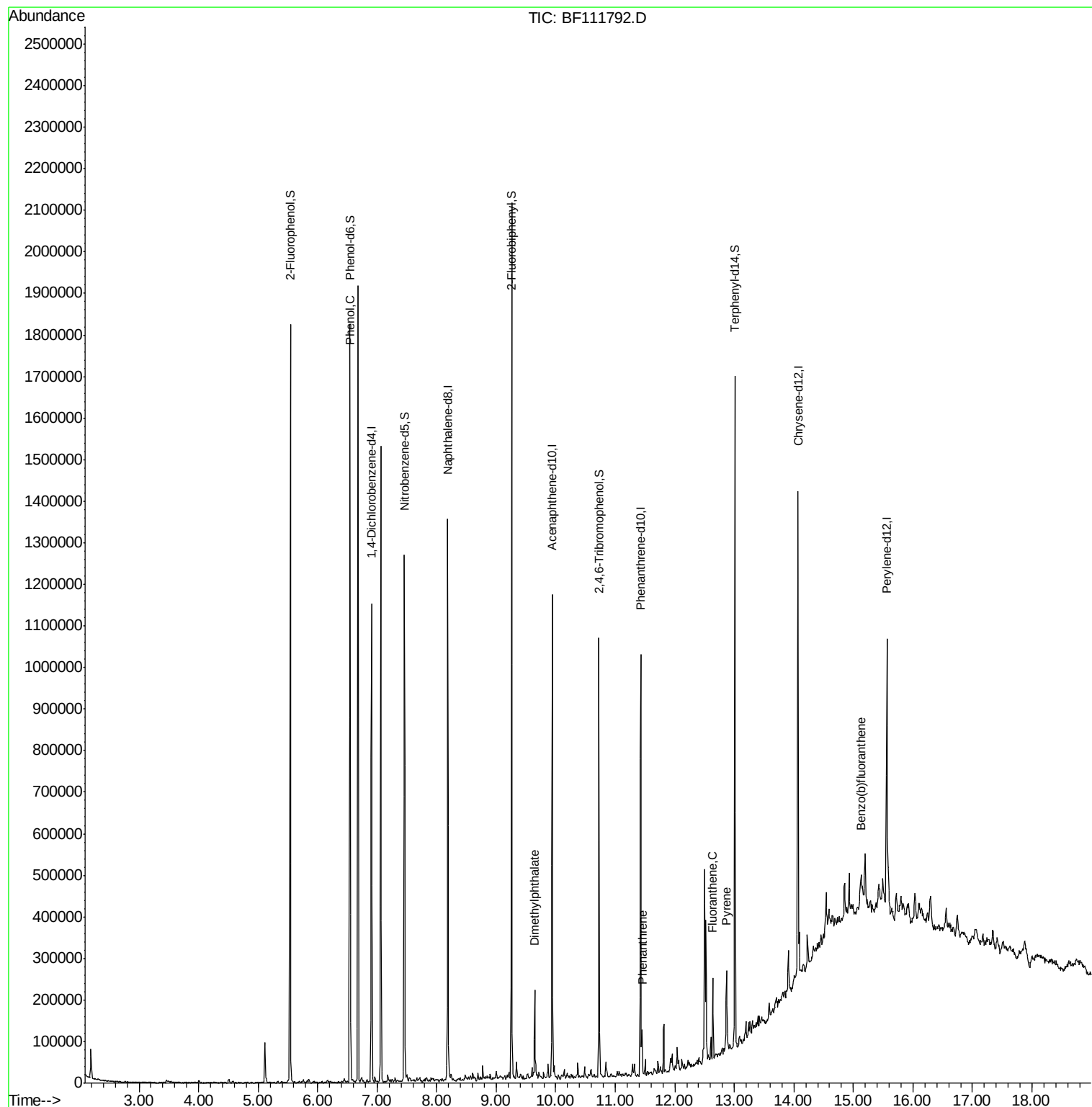
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
Data File : BF111792.D
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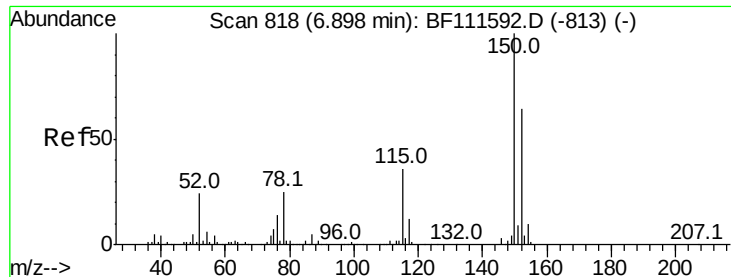
Instrument :
BNA_F
ClientSampleId :
CL-02-122718-B

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Quant Time: Dec 29 01:41:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration





#1

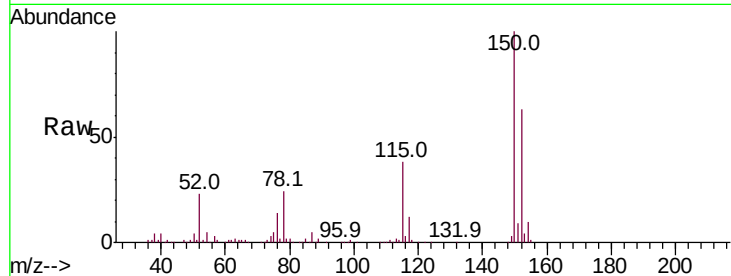
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111792.D
Acq: 28 Dec 2018 16:50

Instrument :
BNA_F
ClientSampleId :
CL-02-122718-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.6	189.8
115	59.1	50.7	76.1

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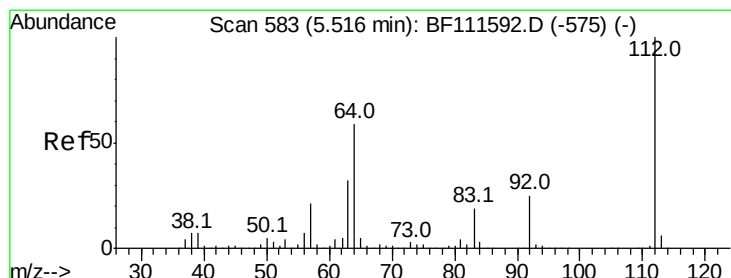
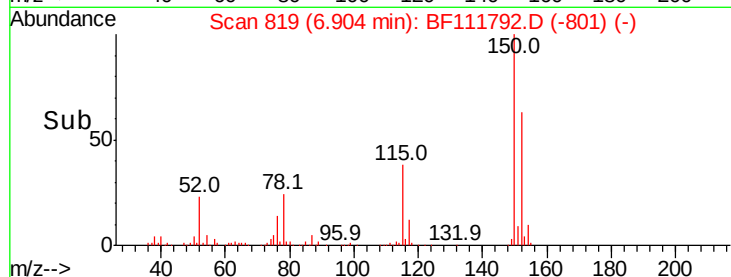
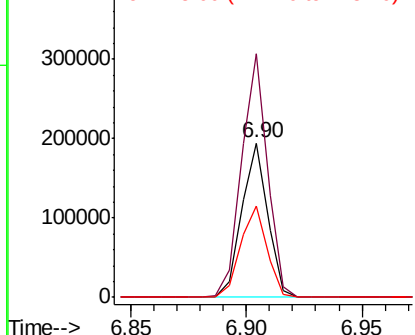


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

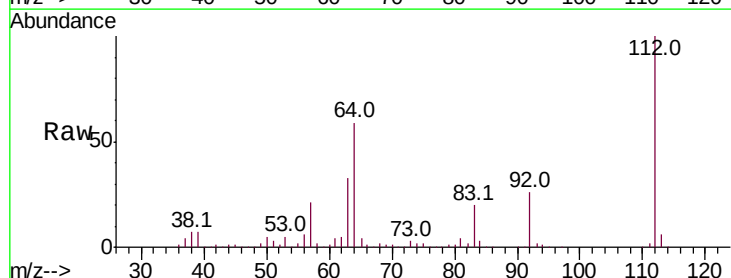
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.831 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111792.D
Acq: 28 Dec 2018 16:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	51.8	77.6
63	33.1	26.8	40.2

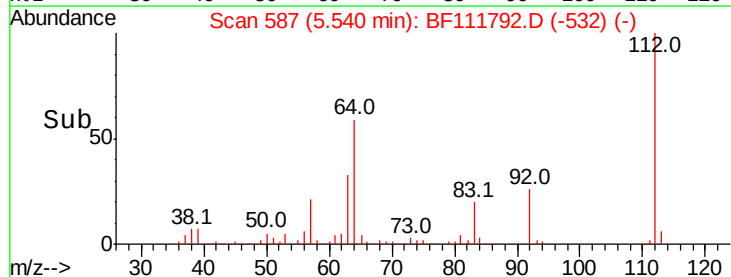
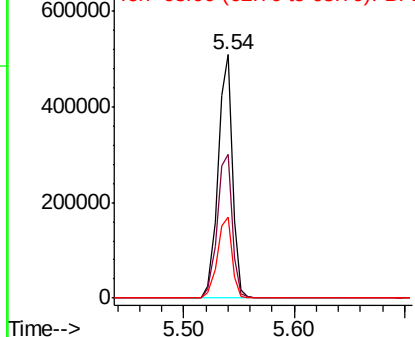


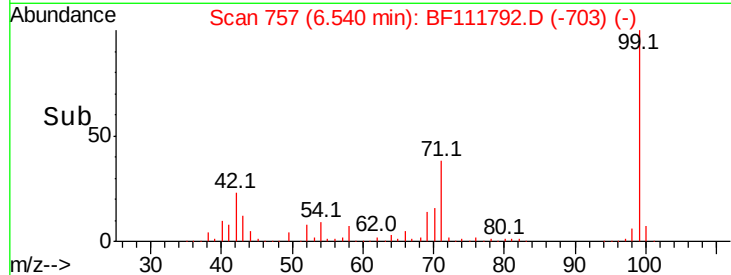
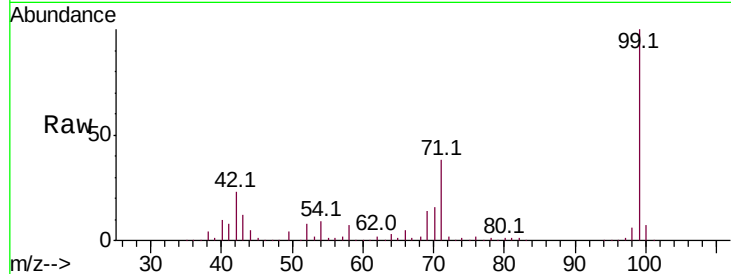
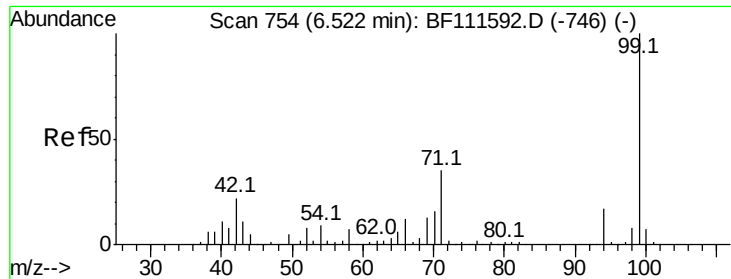
Abundance

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: 49.936 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111792.D

Acq: 28 Dec 2018 16:50

Tot Ion	99	Resp	568490
Ion Ratio	Lower	Upper	
99	100		
42	23.2	17.4	26.0
71	38.0	26.1	39.1

Instrument :

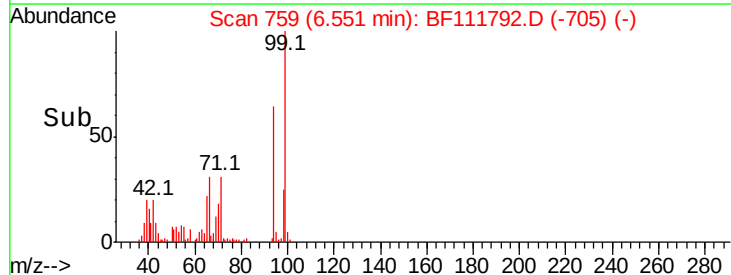
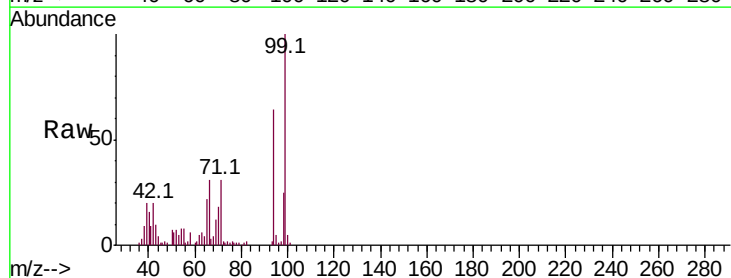
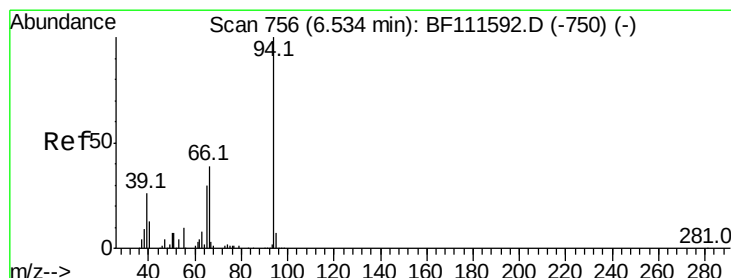
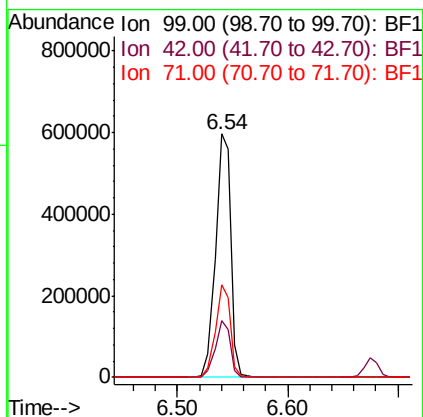
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ClientSampled :

CL-02-122718-B

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#10

Phenol

Concen: 2.960 ng

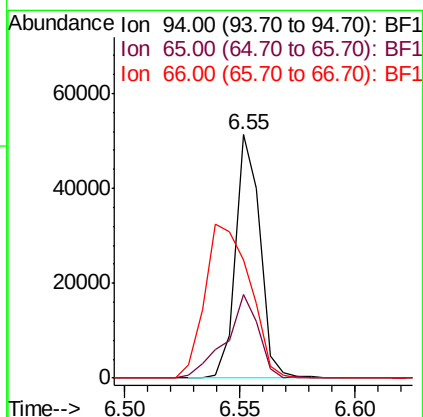
RT: 6.55 min Scan# 759

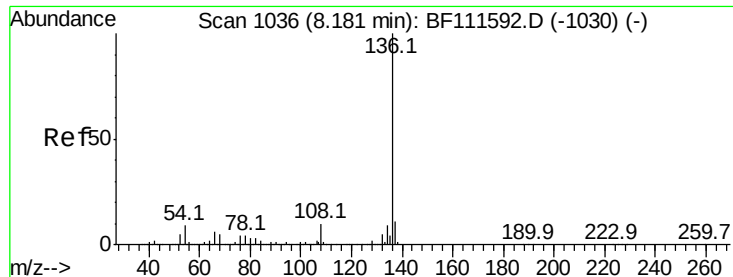
Delta R.T. 0.02 min

Lab File: BF111792.D

Acq: 28 Dec 2018 16:50

Tgt Ion	94	Resp	38023
Ion Ratio	Lower	Upper	
94	100		
65	34.5	11.7	51.7
66	48.5	21.0	61.0





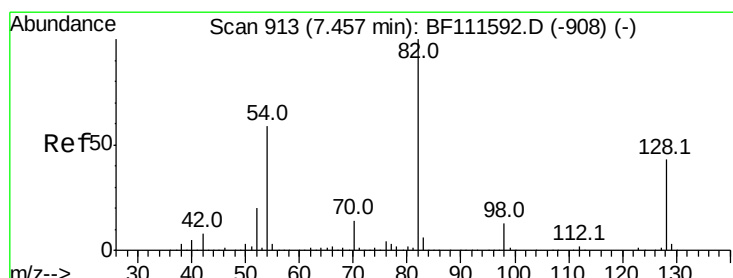
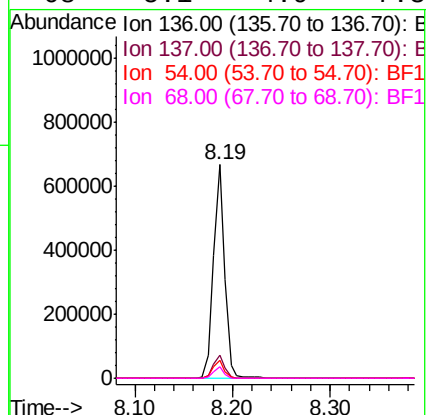
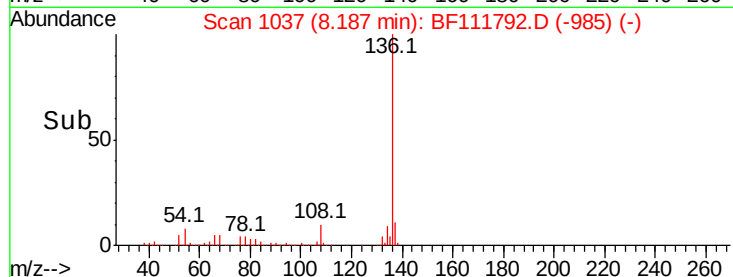
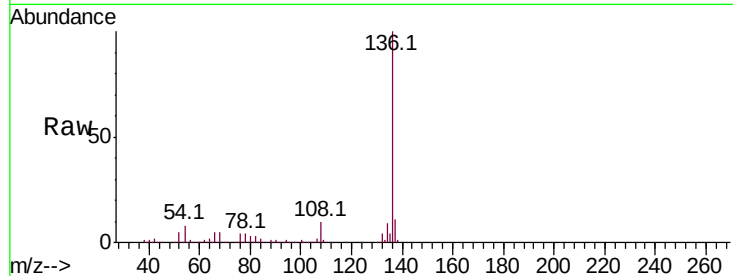
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111792.D
Acq: 28 Dec 2018 16:50

Instrument :
BNA_F
ClientSampleId :
CL-02-122718-B

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	8.3	7.7	11.5	
68	5.1	4.9	7.3	

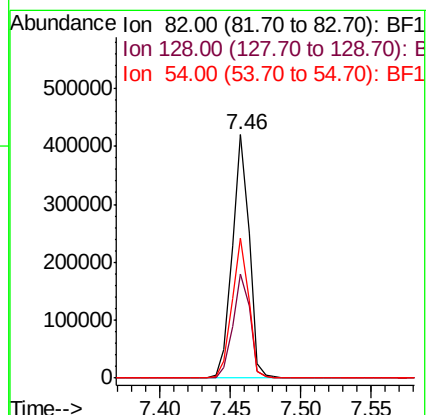
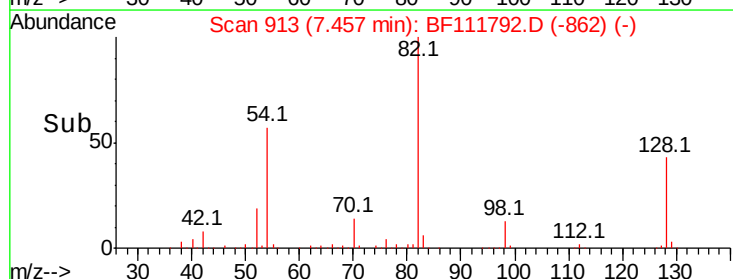
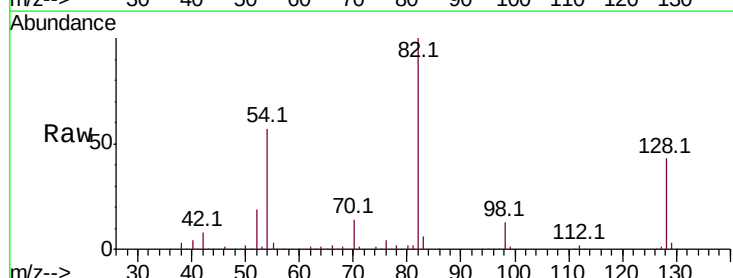
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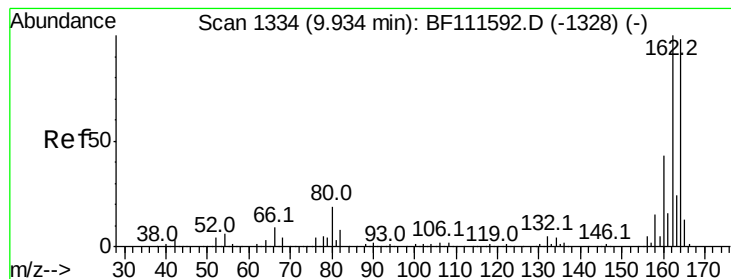
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#23
Nitrobenzene-d5
Concen: 38.263 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF111792.D
Acq: 28 Dec 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.0	37.4	56.2	
54	57.2	47.6	71.4	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111792.D

Acq: 28 Dec 2018 16:50

Instrument :

BNA_F

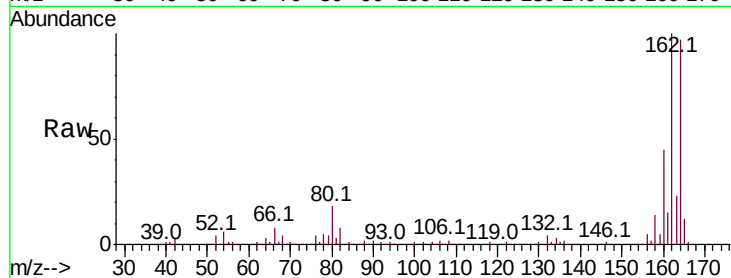
ClientSampleId :

CL-02-122718-B

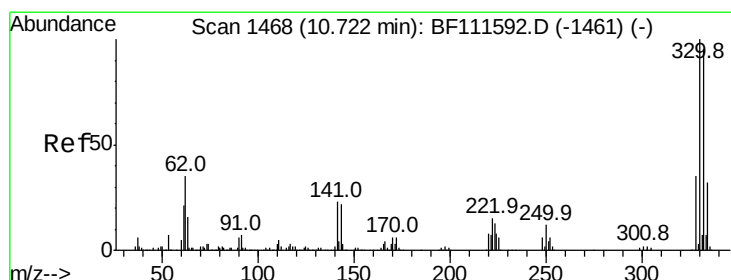
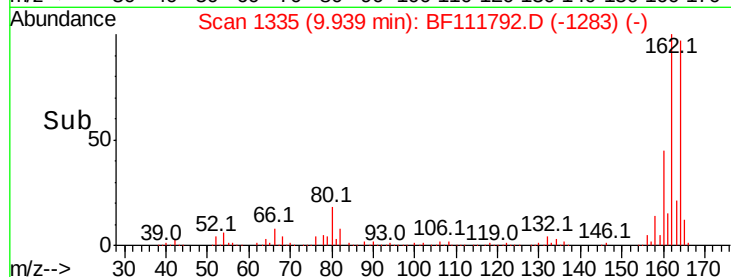
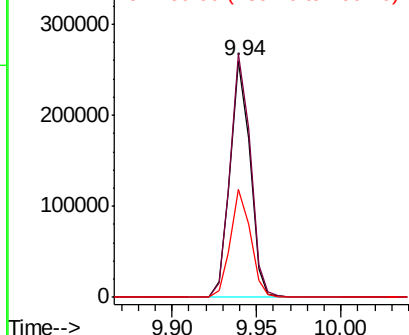
Tot Ion:	164	Resp:	213611
Ion Ratio	Lower	Upper	
164	100		
162	103.0	81.4	122.0
160	45.9	35.7	53.5

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 45.797 ng

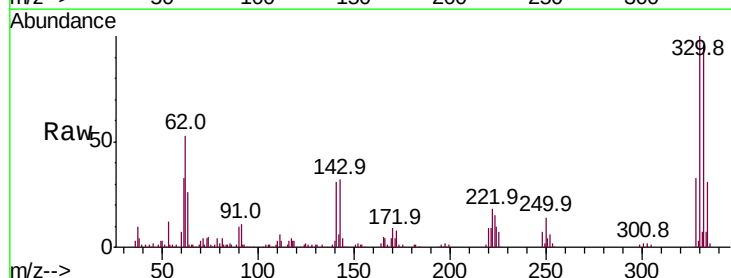
RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

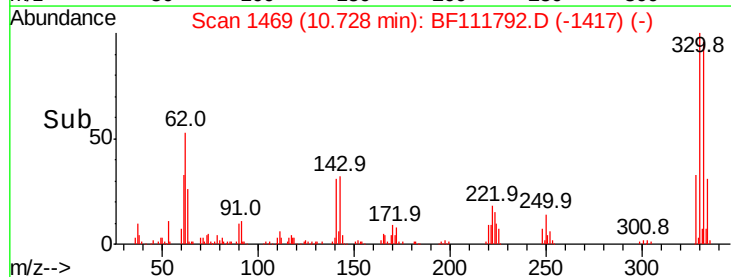
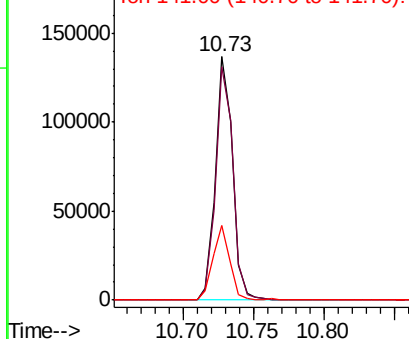
Lab File: BF111792.D

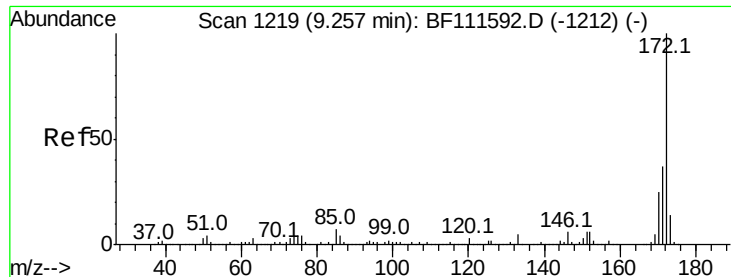
Acq: 28 Dec 2018 16:50

Tgt Ion:	330	Resp:	115590
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.0	114.0
141	30.3	31.0	46.6#



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





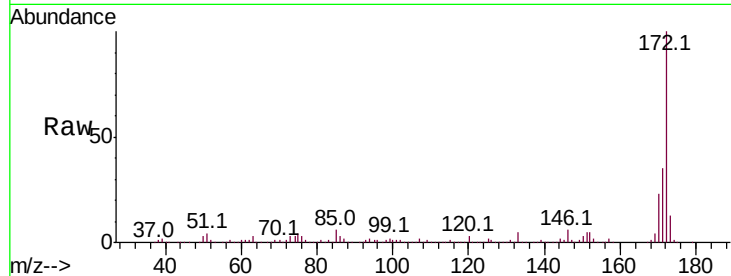
#45
2-Fluorobiphenyl
Concen: 39.417 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111792.D
Acq: 28 Dec 2018 16:50

Instrument :
BNA_F
ClientSampleId :
CL-02-122718-B

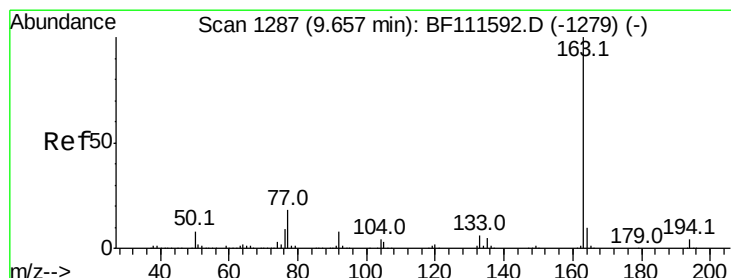
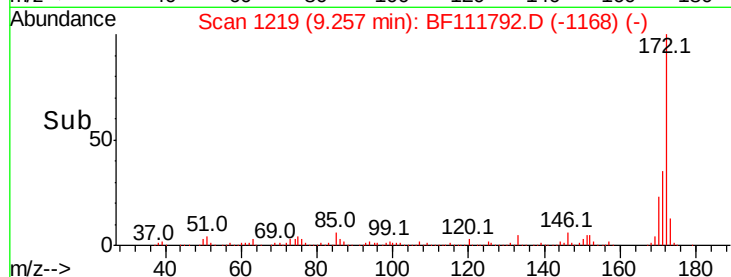
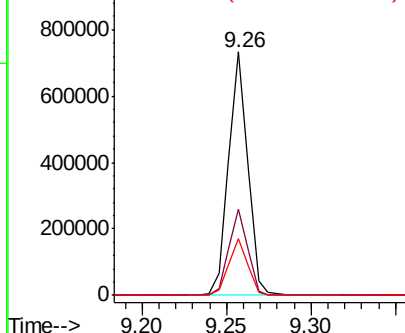
Tot Ion	Ratio	Resp	Lower	Upper
172	100	577662		
171	35.3		33.0	49.4
170	23.2		22.3	33.5

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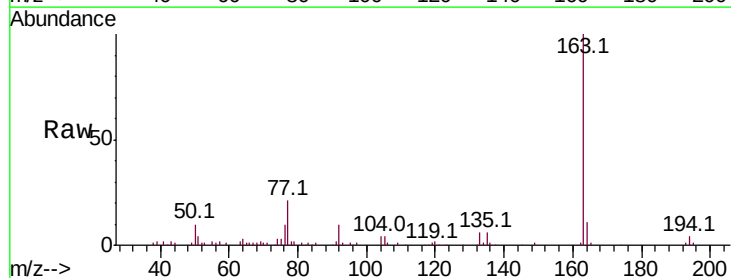


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

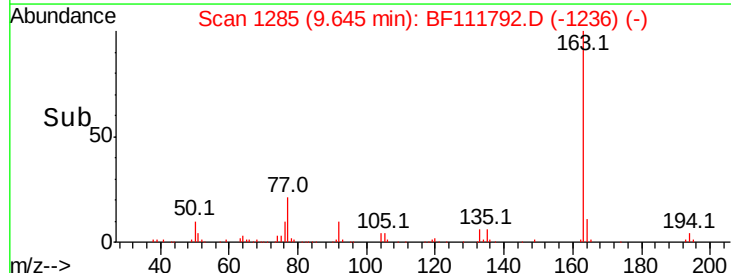
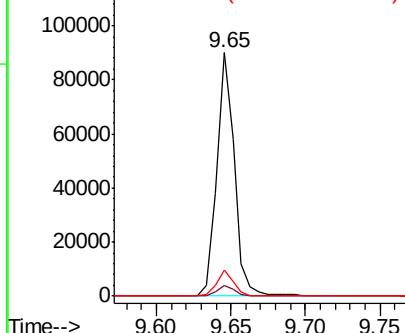


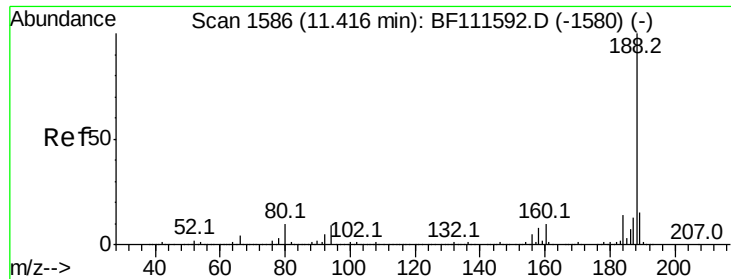
#50
Dimethylphthalate
Concen: 4.766 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111792.D
Acq: 28 Dec 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	74453		
194	4.4		3.0	4.6
164	10.8		8.9	13.3



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





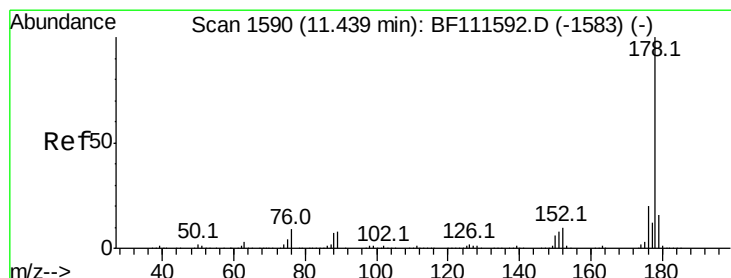
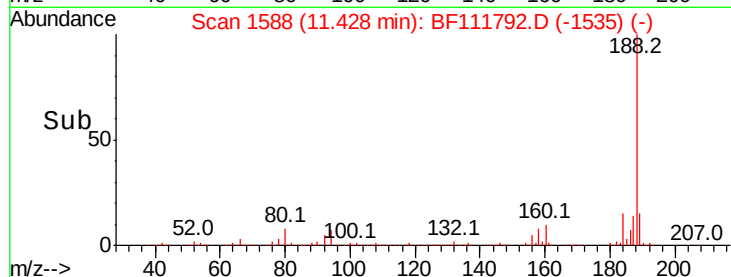
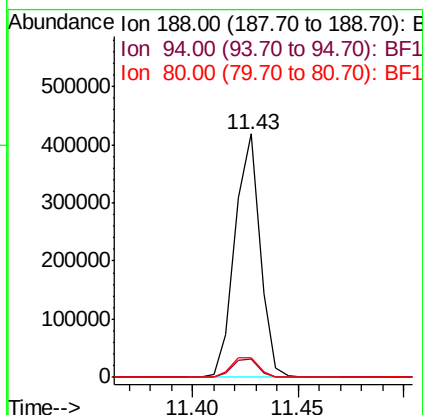
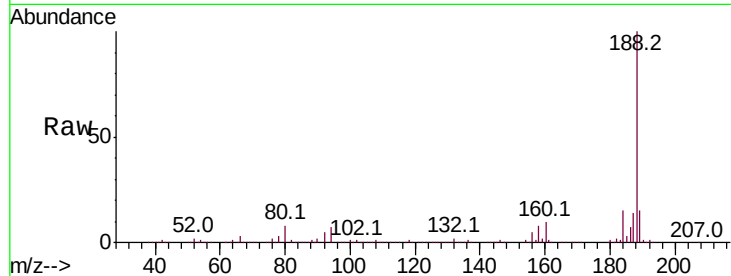
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF111792.D
 Acq: 28 Dec 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-122718-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.3	9.6	14.4#	
80	8.3	9.8	14.6#	

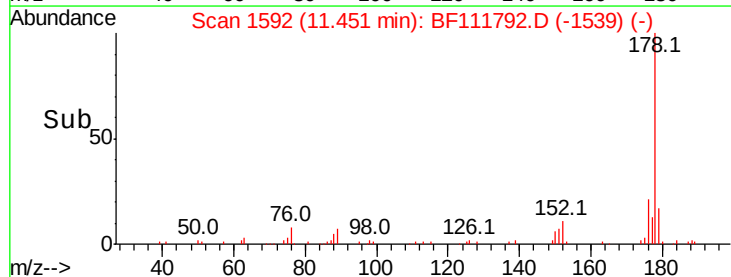
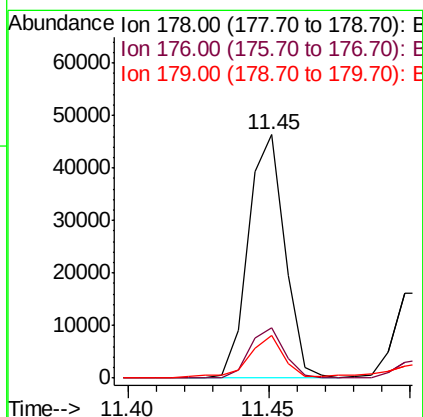
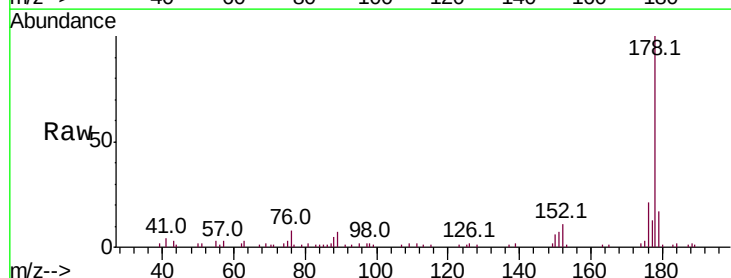
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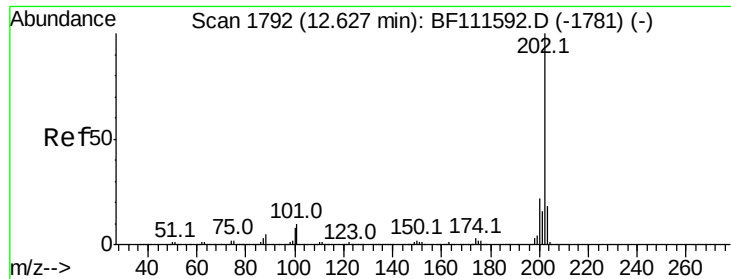
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#71
 Phenanthrene
 Concen: 2.283 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF111792.D
 Acq: 28 Dec 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.8	18.1	27.1	
179	17.5	14.0	21.0	





#75

Fluoranthene

Concen: 3.821 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF111792.D

Acq: 28 Dec 2018 16:50

Instrument :

BNA_F

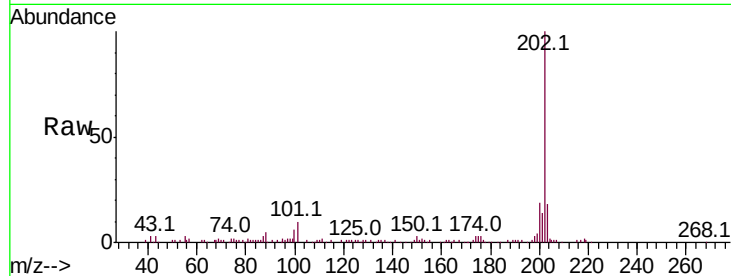
ClientSampleId :

CL-02-122718-B

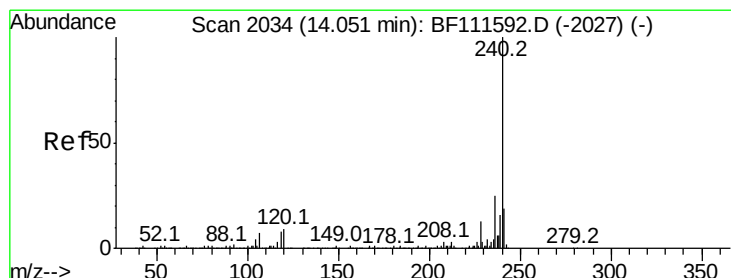
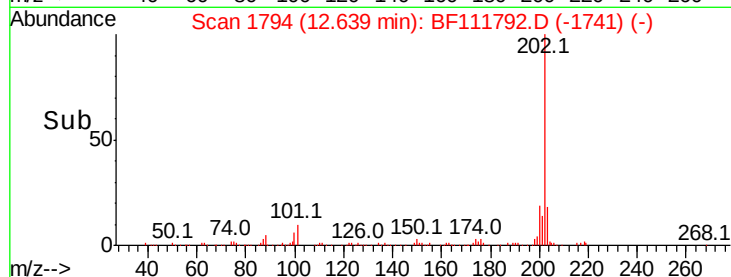
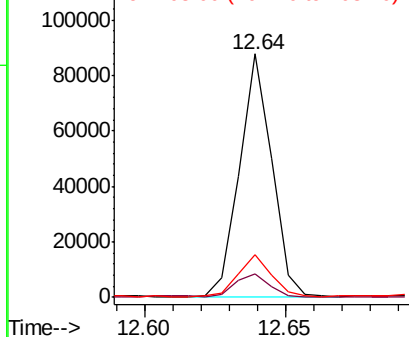
Tot Ion:	202	Resp:	70166
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	33.8
203	17.5	0.0	38.6

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

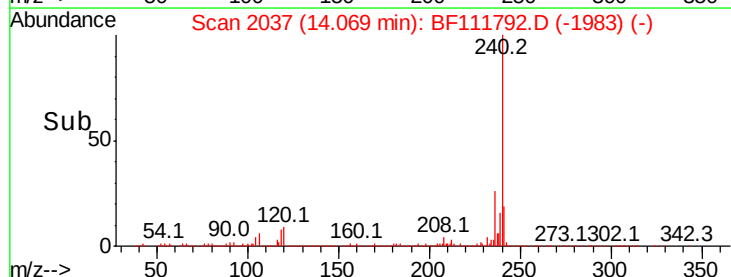
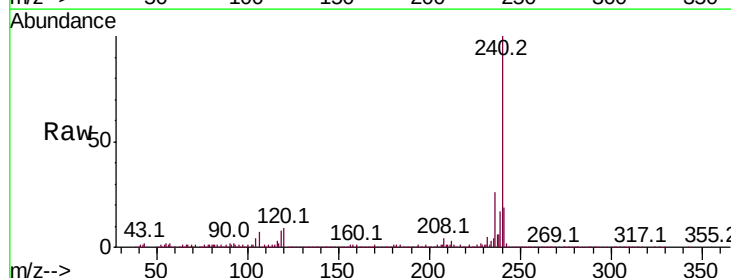
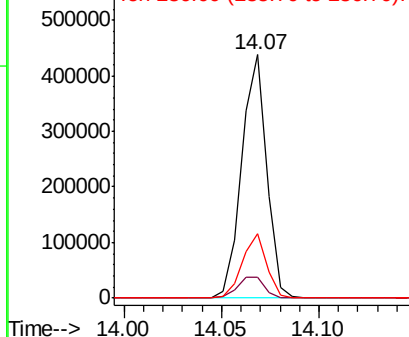
Delta R.T. 0.02 min

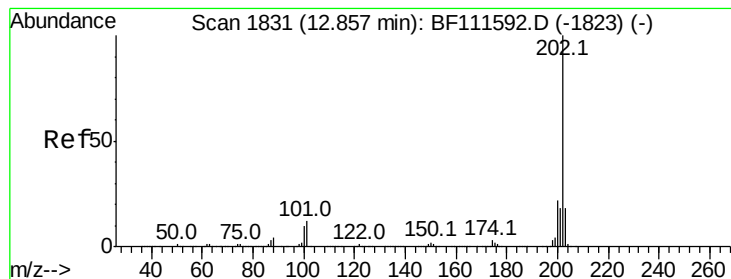
Lab File: BF111792.D

Acq: 28 Dec 2018 16:50

Tgt Ion:	240	Resp:	386847
Ion Ratio	Lower	Upper	
240	100		
120	8.8	12.2	18.2#
236	26.3	20.2	30.2

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.669 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF111792.D

Acq: 28 Dec 2018 16:50

Instrument :

BNA_F

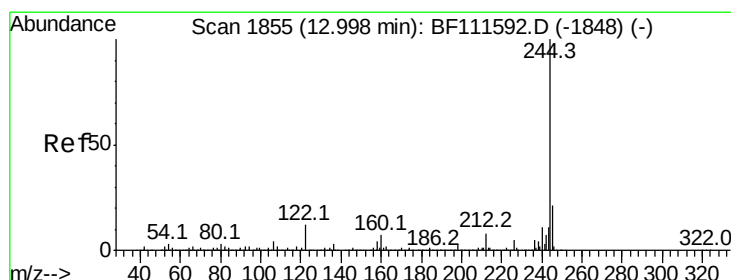
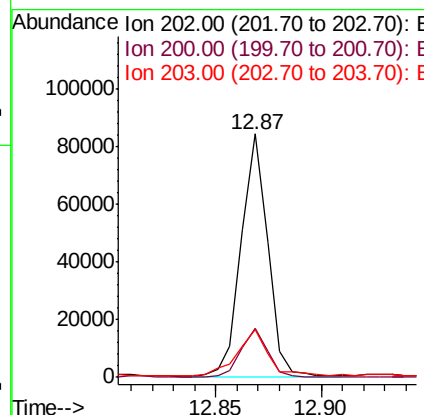
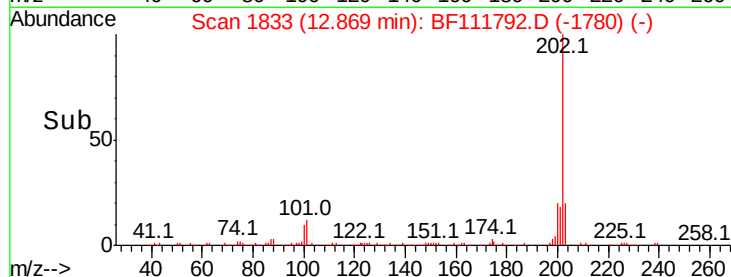
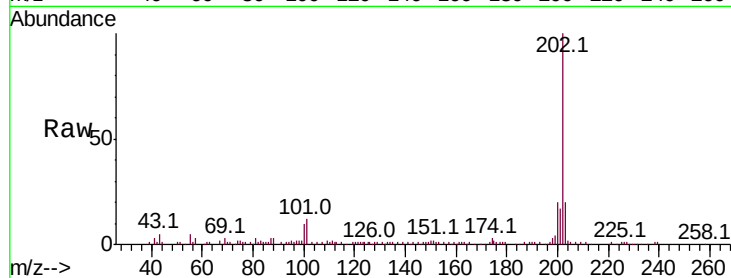
ClientSampleId :

CL-02-122718-B

Tot Ion:	202	Resp:	72904
Ion Ratio	Lower	Upper	
202	100		
200	20.3	19.0	28.4
203	19.9	15.2	22.8

Manual Integrations
APPROVED

Sohil
1/2/2019 2:51:36 PM



#79

Terphenyl-d14

Concen: 25.448 ng

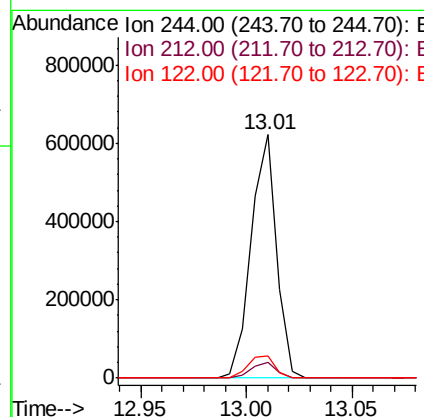
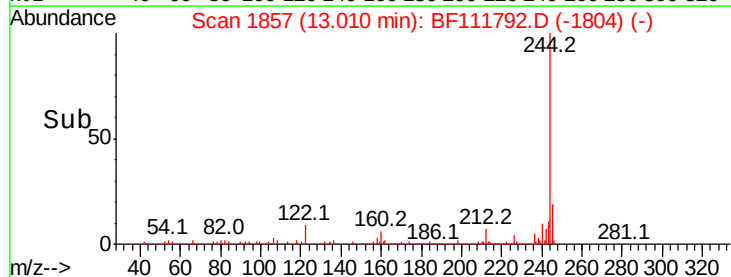
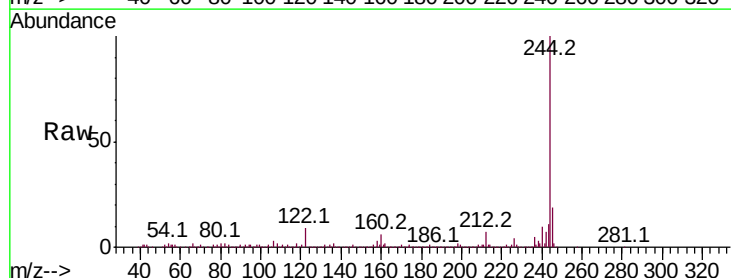
RT: 13.01 min Scan# 1857

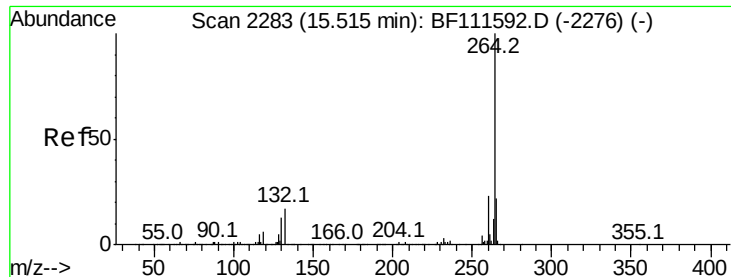
Delta R.T. 0.01 min

Lab File: BF111792.D

Acq: 28 Dec 2018 16:50

Tgt Ion:	244	Resp:	519109
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.7	8.5
122	9.1	13.1	19.7#





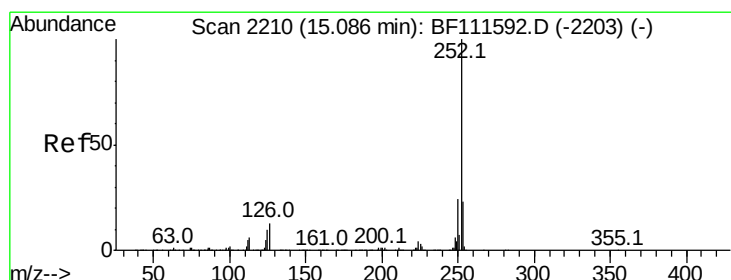
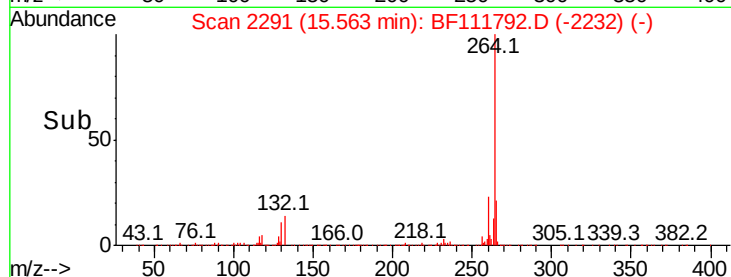
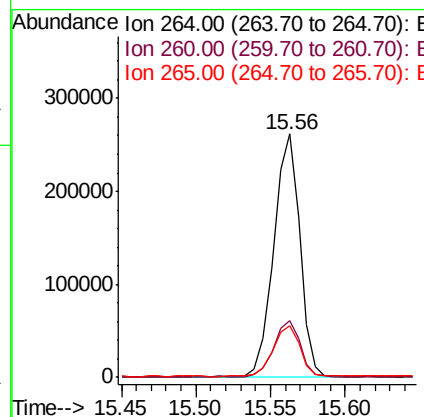
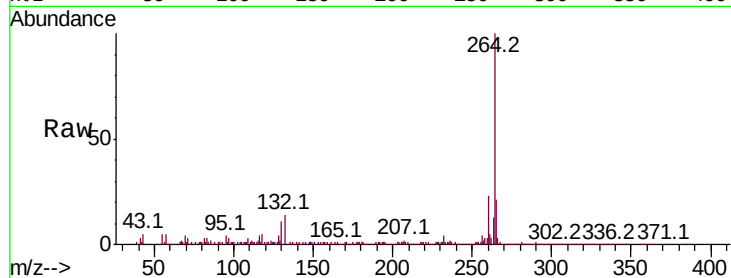
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.05 min
Lab File: BF111792.D
Acq: 28 Dec 2018 16:50

Instrument :
BNA_F
ClientSampled :
CL-02-122718-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	21.0	17.7	26.5

Manual Integrations
APPROVED

Sohil
1/2/2019 2:51:36 PM



#88
Benzo(b)fluoranthene
Concen: 2.012 ng m
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF111792.D
Acq: 28 Dec 2018 16:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.9	18.2	27.2#
125	24.0	10.4	15.6#

