

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113837.D
 Acq On : 19 Apr 2019 00:51
 Operator : JU/SJ
 Sample : K2197-07 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041619-B

Manual Integrations
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Sohil
 4/23/2019 8:16:53 AM

Quant Time: Apr 19 04:51:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	137396	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	465895	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	225944	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	491455	20.00	ng	0.00
76) Chrysene-d12	14.04	240	526545	20.00	ng	0.00
87) Perylene-d12	15.52	264	420127	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	316372	38.29	ng	0.00
7) Phenol-d6	6.51	99	380114	36.89	ng	0.00
23) Nitrobenzene-d5	7.45	82	200060	26.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	109164	43.73	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	396459	26.76	ng	0.00
79) Terphenyl-d14	12.99	244	626116	24.93	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	36735	2.323	ng	100
75) Fluoranthene	12.62	202	103571	3.904	ng	97
78) Pyrene	12.85	202	102246	2.755	ng	98
88) Benzo(b)fluoranthene	15.09	252	68066m	2.599	ng	

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

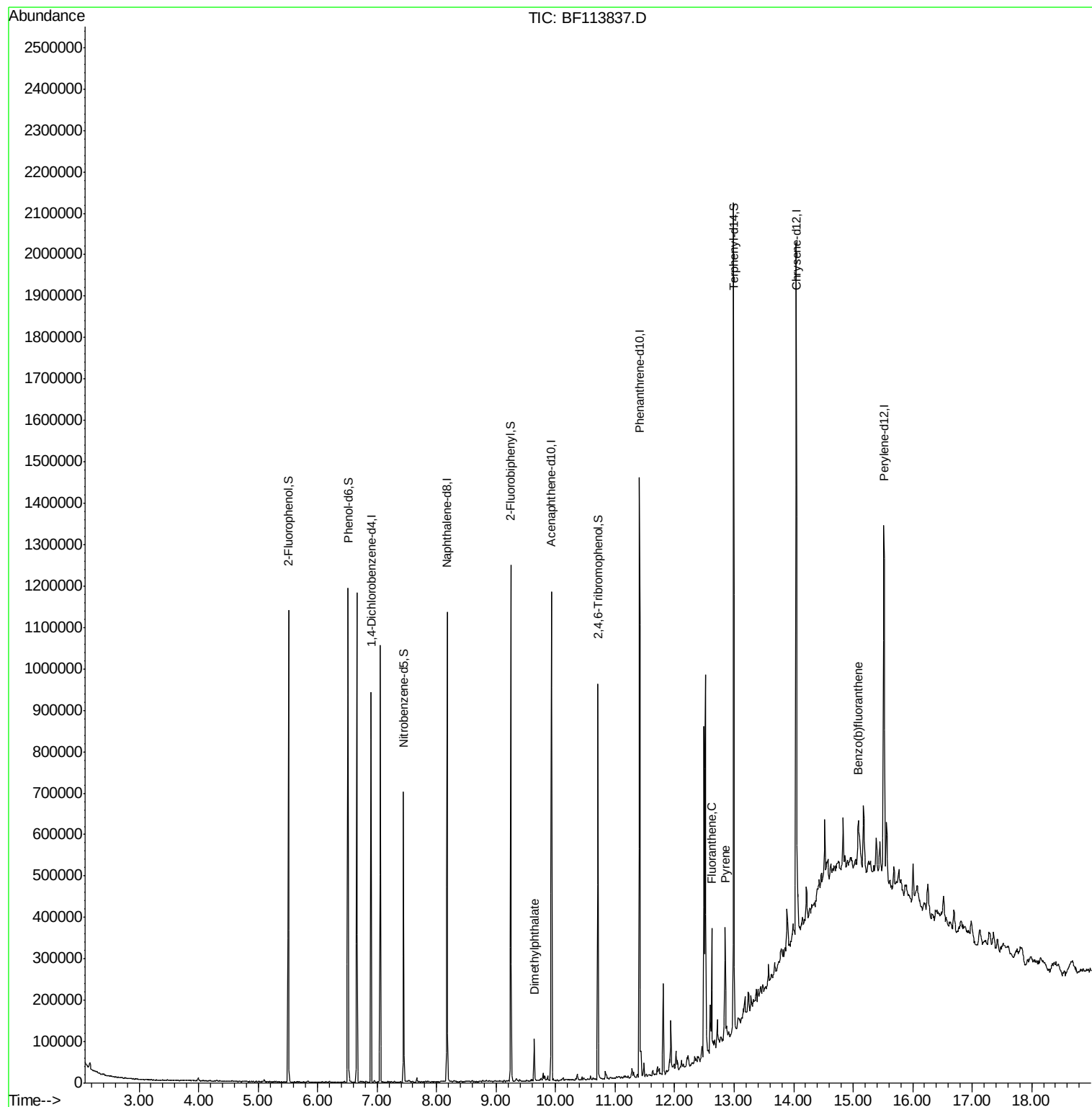
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
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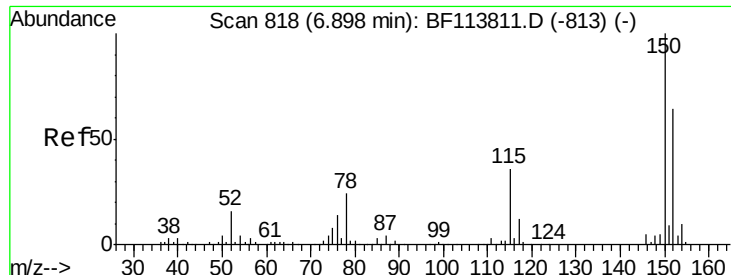
Instrument :
BNA_F
ClientSampleId :
CL-01-041619-B

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#1

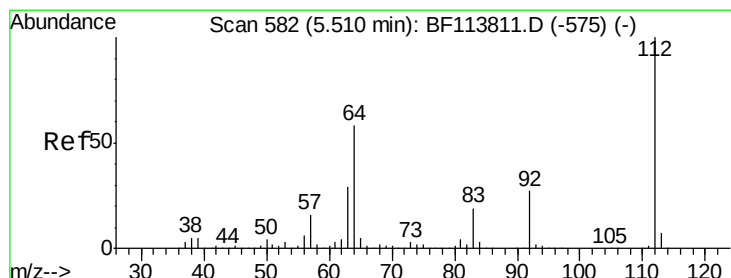
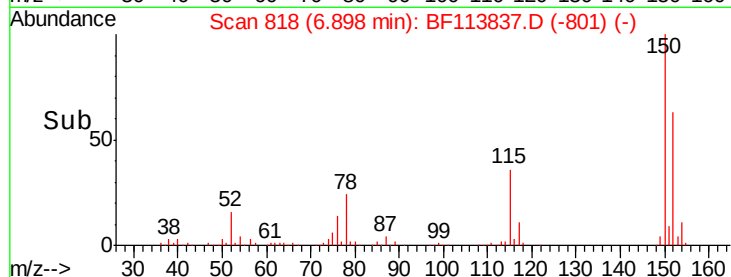
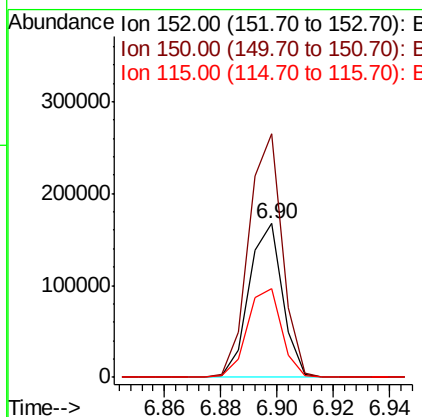
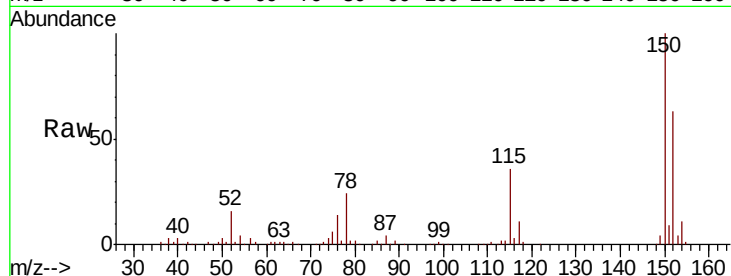
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113837.D
Acq: 19 Apr 2019 00:51

Instrument :
BNA_F
ClientSampleId :
CL-01-041619-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.9	188.9
115	57.7	45.9	68.9

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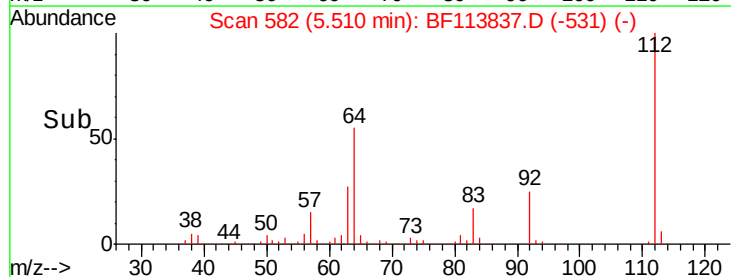
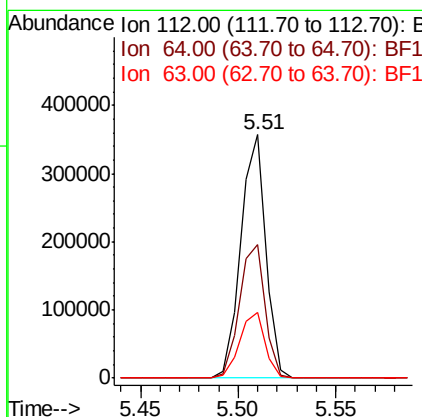
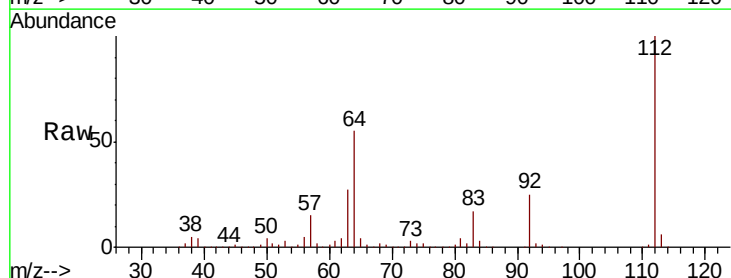
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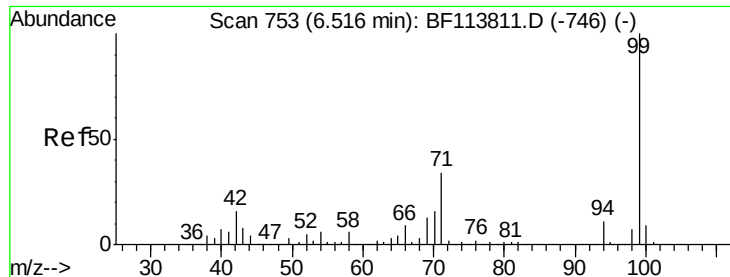


#5

2-Fluorophenol
Concen: 38.288 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF113837.D
Acq: 19 Apr 2019 00:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.6	69.8
63	26.8	23.1	34.7





#7

Phenol-d6

Concen: 36.888 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF113837.D

Acq: 19 Apr 2019 00:51

Instrument :

BNA_F

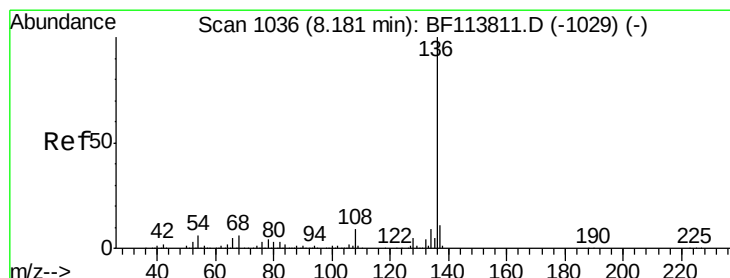
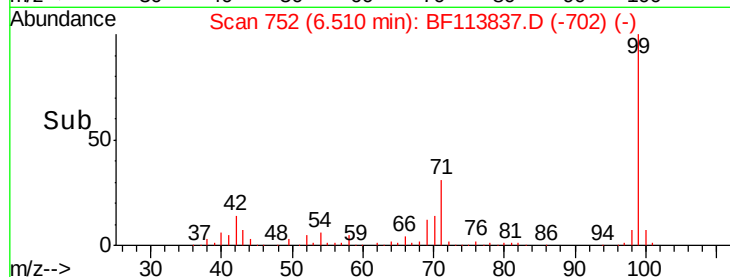
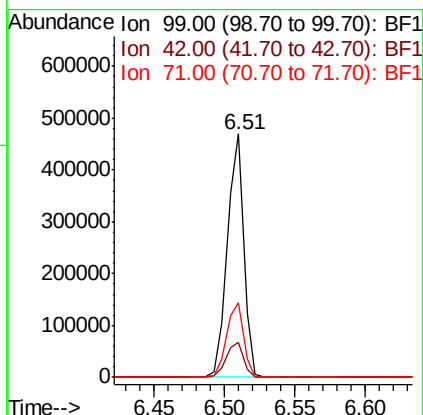
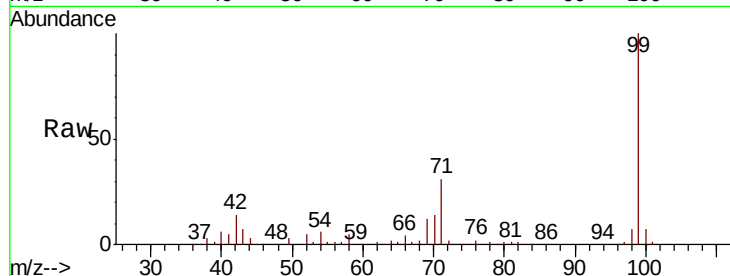
ClientSampleId :

CL-01-041619-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		380114		
42	14.2	12.5	18.7		
71	30.8	26.9	40.3		

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#21

Naphthalene-d8

Concen: 20.000 ng

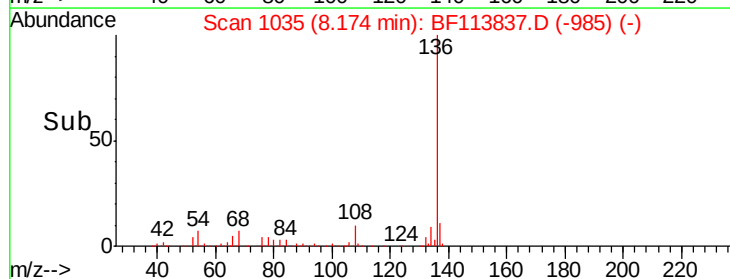
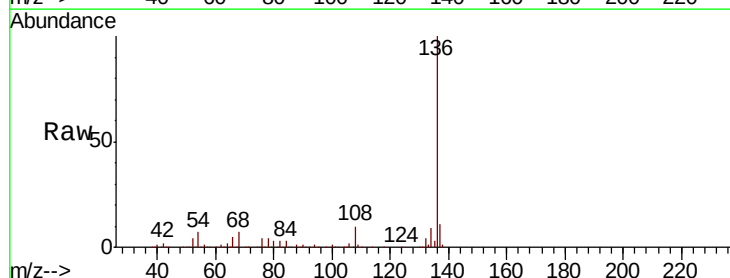
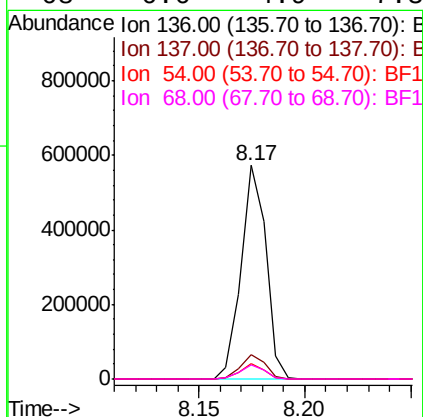
RT: 8.17 min Scan# 1035

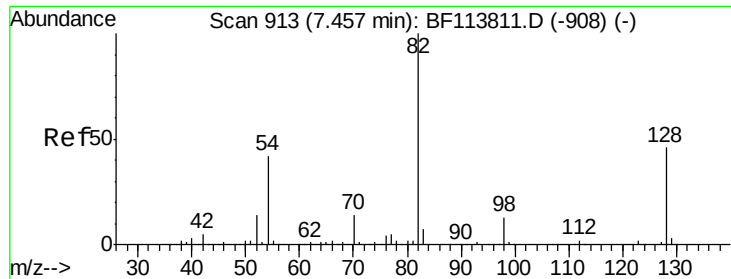
Delta R.T. -0.01 min

Lab File: BF113837.D

Acq: 19 Apr 2019 00:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		465895		
137	11.2	8.6	12.8		
54	7.1	5.0	7.6		
68	6.6	4.9	7.3		





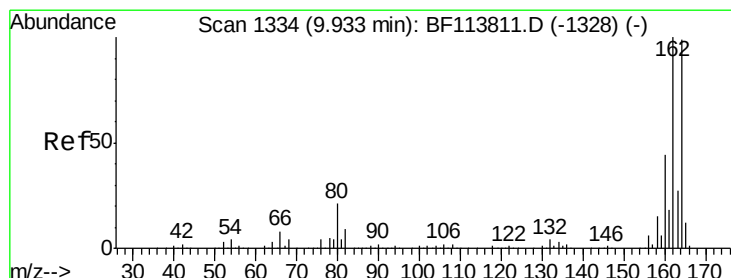
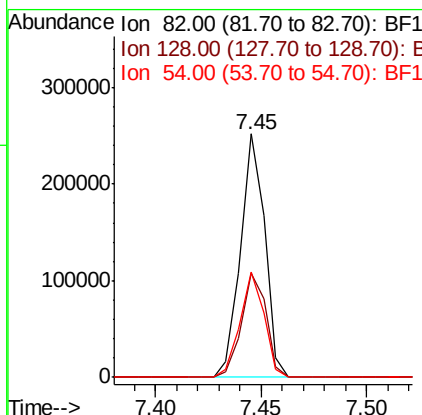
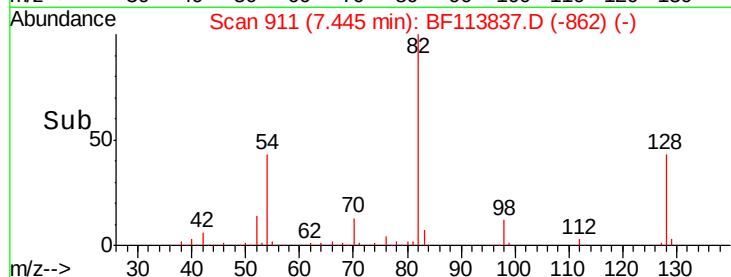
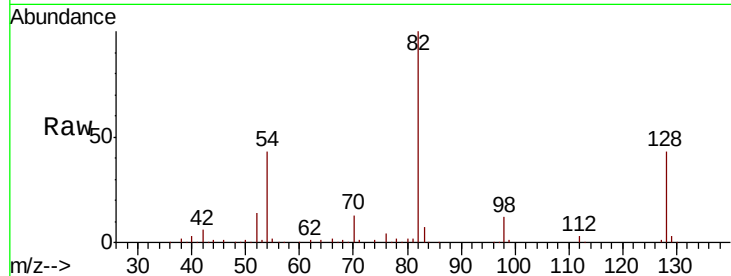
#23
 Nitrobenzene-d5
 Concen: 26.150 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF113837.D
 Acq: 19 Apr 2019 00:51

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041619-B

Tot Ion	82	Resp	200060
Ion Ratio	100	Lower	Upper
128	43.0	36.8	55.2
54	43.1	33.8	50.6

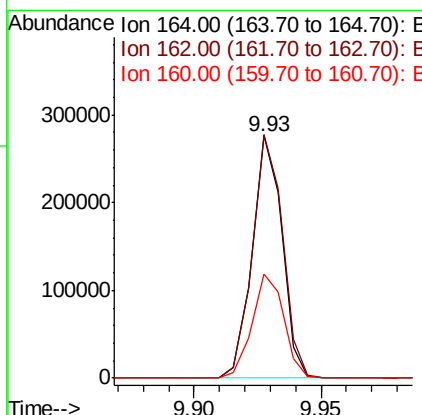
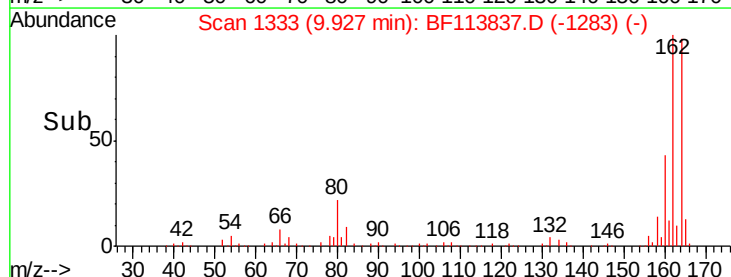
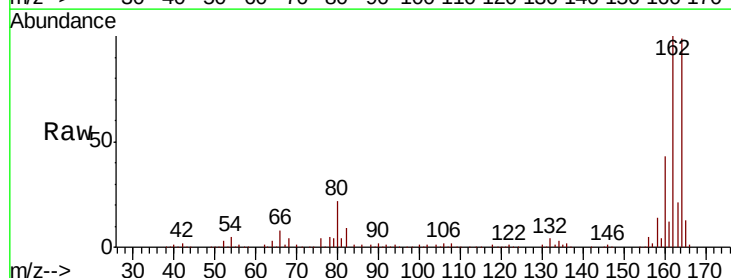
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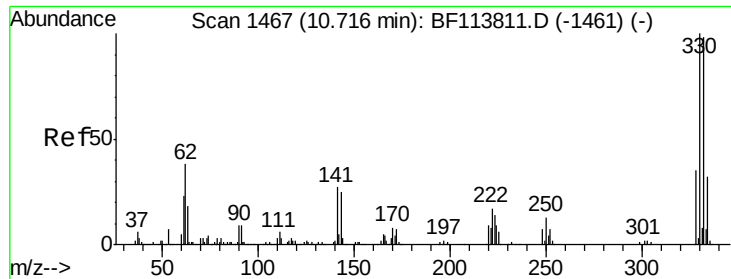
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF113837.D
 Acq: 19 Apr 2019 00:51

Tgt Ion	164	Resp	225944
Ion Ratio	100	Lower	Upper
162	100.7	81.1	121.7
160	43.2	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 43.731 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF113837.D

Acq: 19 Apr 2019 00:51

Instrument :

BNA_F

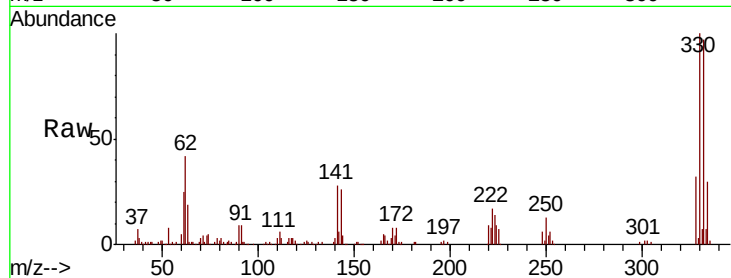
ClientSampleId :

CL-01-041619-B

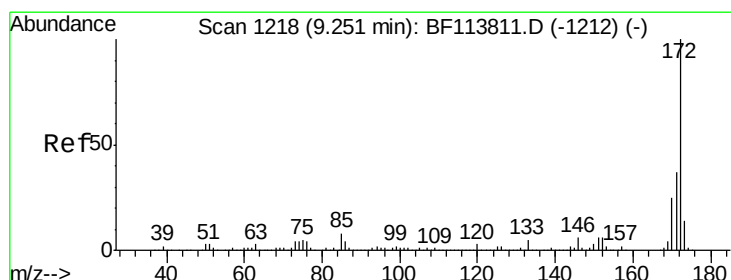
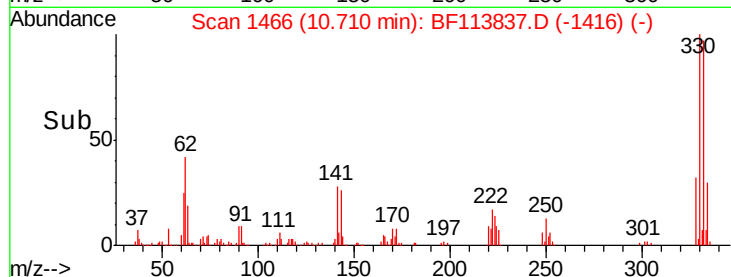
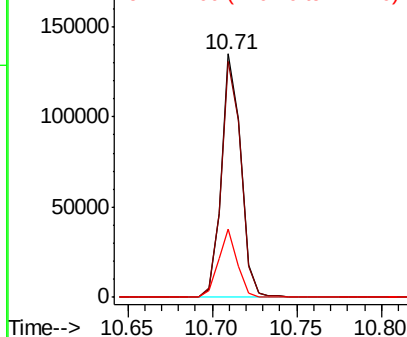
Tot Ion:	330	Resp:	109164
Ion Ratio	Lower	Upper	
330	100		
332	98.0	77.5	116.3
141	27.2	22.2	33.2

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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: 26.760 ng

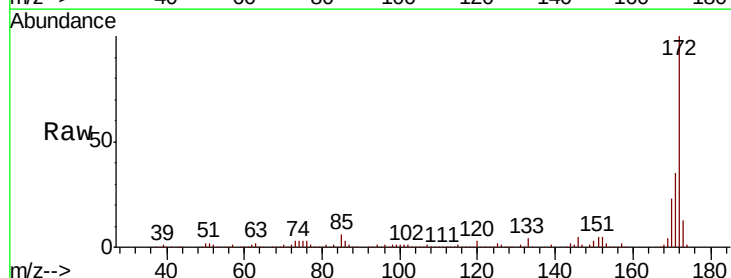
RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

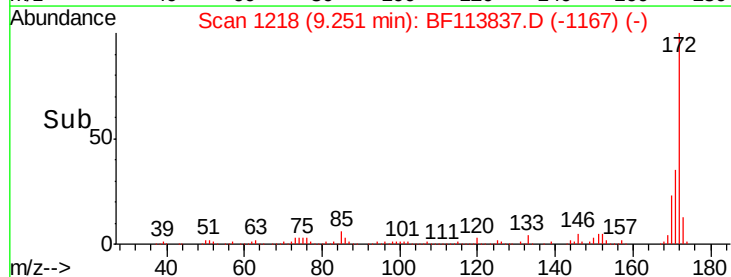
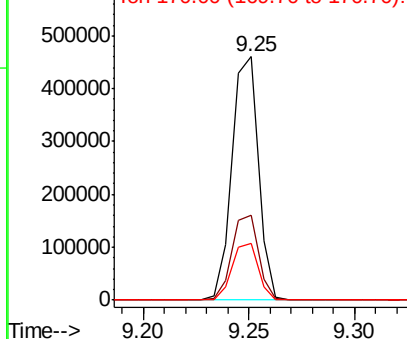
Lab File: BF113837.D

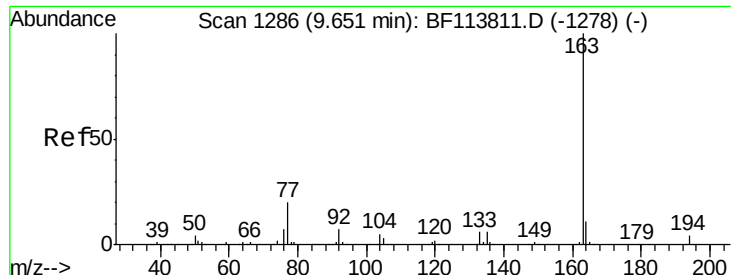
Acq: 19 Apr 2019 00:51

Tgt Ion:	172	Resp:	396459
Ion Ratio	Lower	Upper	
172	100		
171	35.0	29.4	44.0
170	23.4	19.9	29.9



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





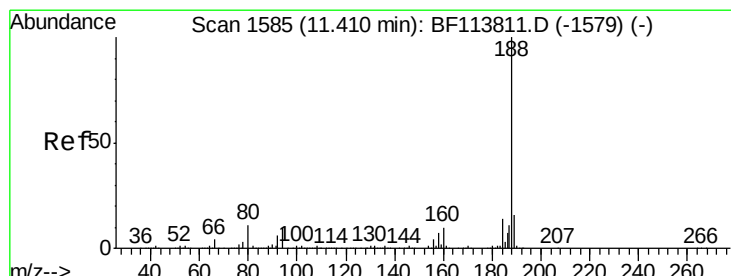
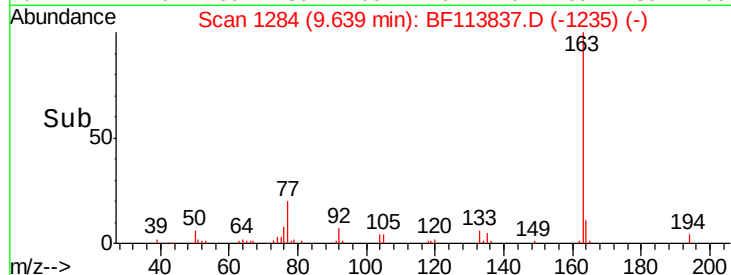
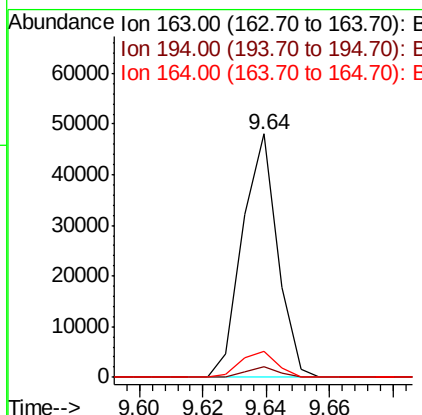
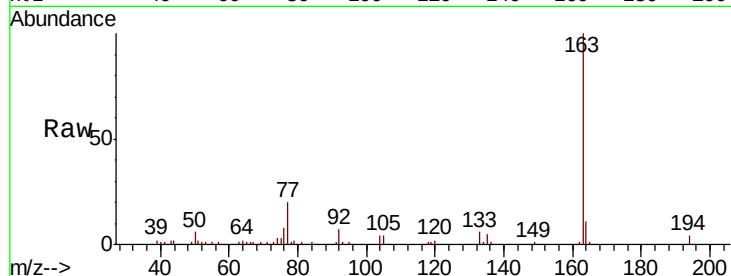
#50
Dimethylphthalate
Concen: 2.323 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF113837.D
Acq: 19 Apr 2019 00:51

Instrument :
BNA_F
ClientSampleId :
CL-01-041619-B

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.6	8.5	12.7

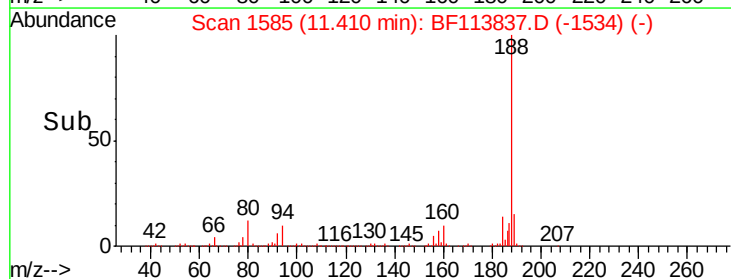
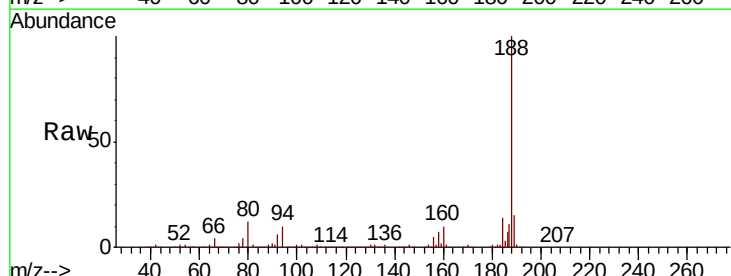
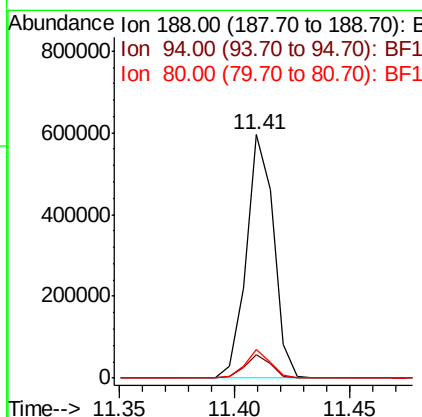
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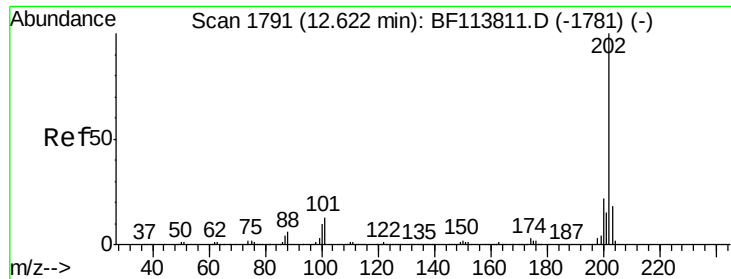
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF113837.D
Acq: 19 Apr 2019 00:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.4
80	11.6	9.0	13.6





#75

Fluoranthene

Concen: 3.904 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF113837.D

Acq: 19 Apr 2019 00:51

Instrument :

BNA_F

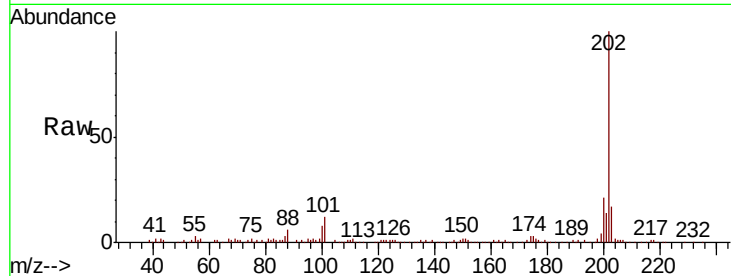
ClientSampleId :

CL-01-041619-B

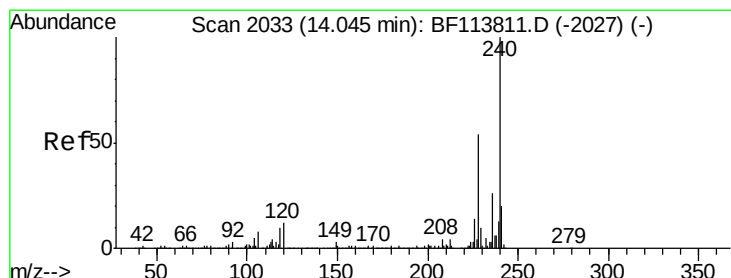
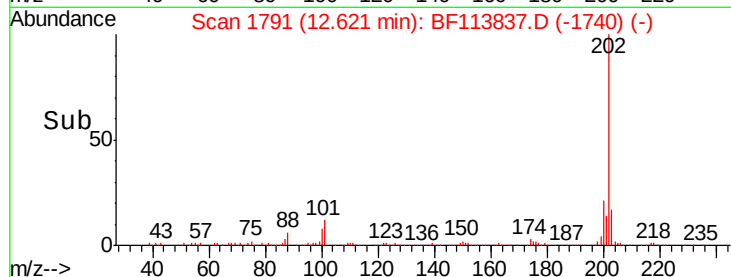
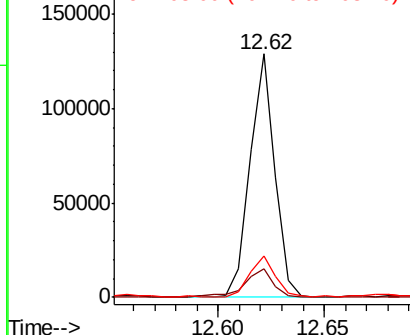
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.6	0.0	32.9		
203	17.0	0.0	38.2		

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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

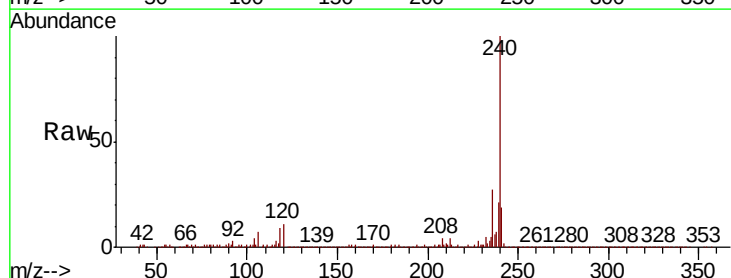
RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

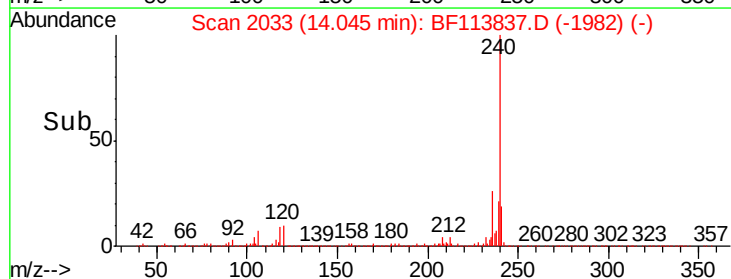
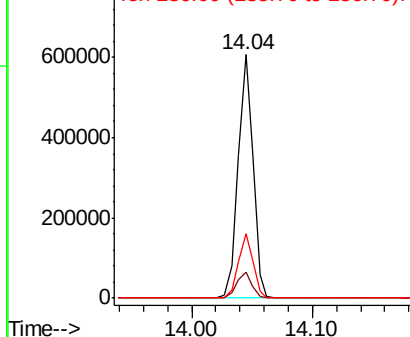
Lab File: BF113837.D

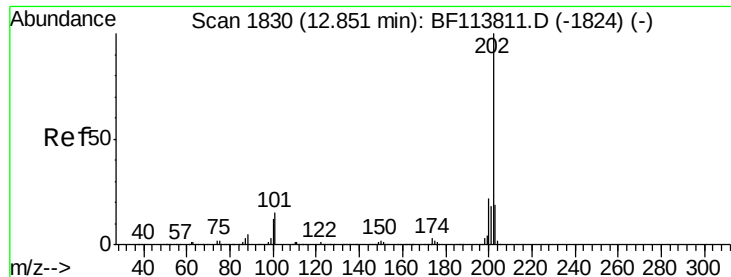
Acq: 19 Apr 2019 00:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	10.6	9.3	13.9		
236	26.5	21.2	31.8		



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: 2.755 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF113837.D

Acq: 19 Apr 2019 00:51

Instrument :

BNA_F

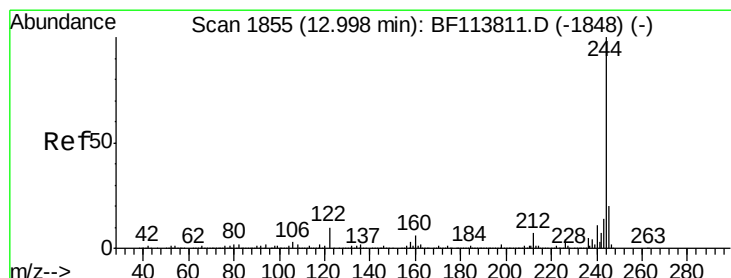
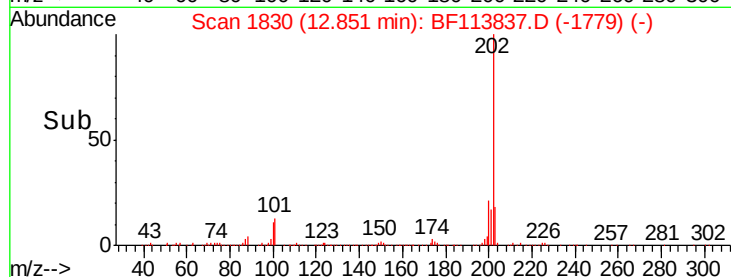
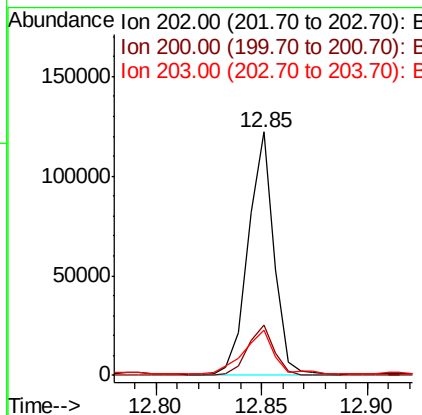
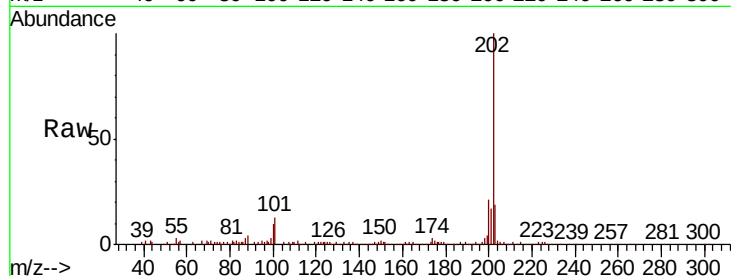
ClientSampleId :

CL-01-041619-B

Tot Ion:	202	Resp:	102246
Ion Ratio		Lower	Upper
202	100		
200	20.8	17.7	26.5
203	18.6	15.0	22.6

Manual Integrations
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#79

Terphenyl-d14

Concen: 24.935 ng

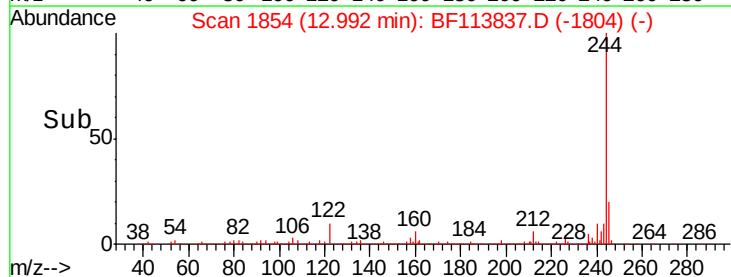
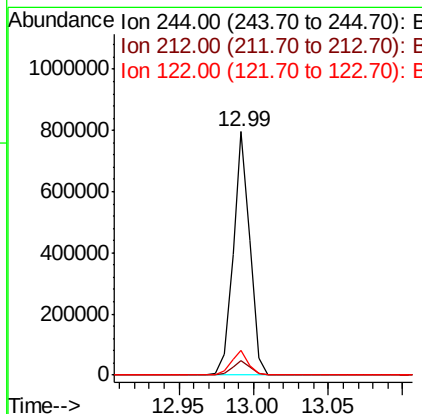
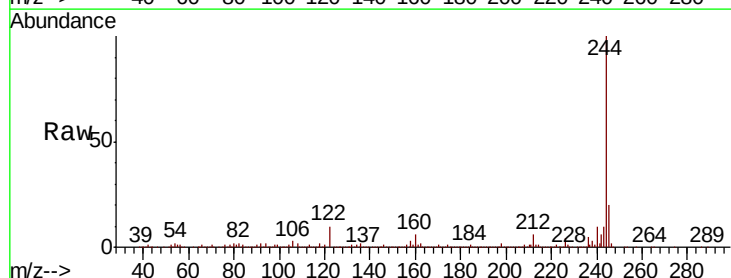
RT: 12.99 min Scan# 1854

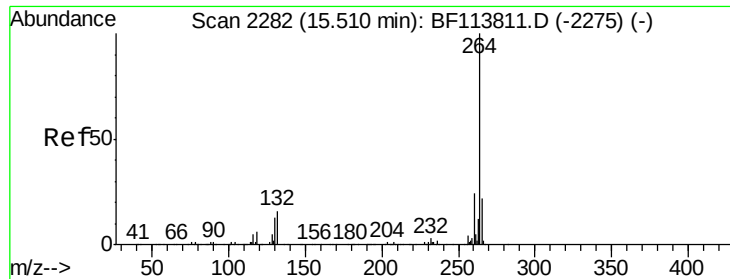
Delta R.T. -0.01 min

Lab File: BF113837.D

Acq: 19 Apr 2019 00:51

Tgt Ion:	244	Resp:	626116
Ion Ratio		Lower	Upper
244	100		
212	6.0	5.4	8.2
122	10.0	7.6	11.4





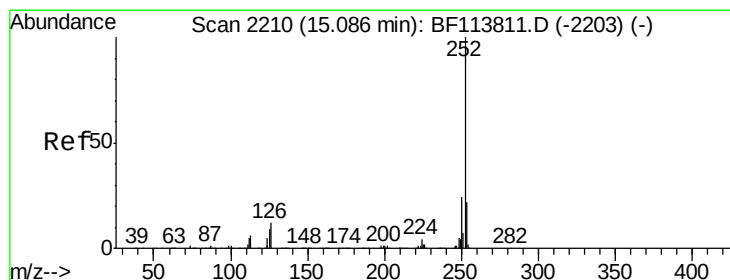
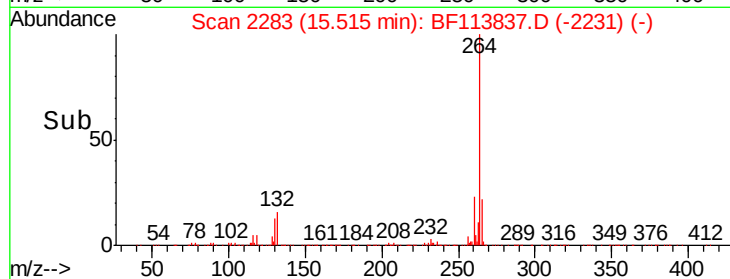
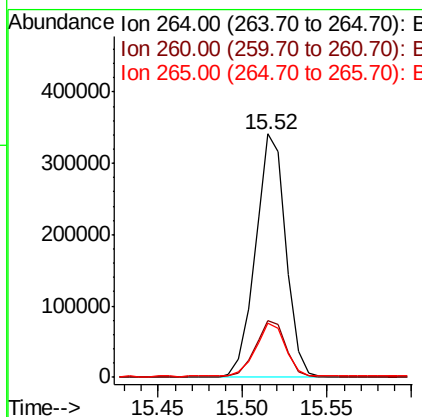
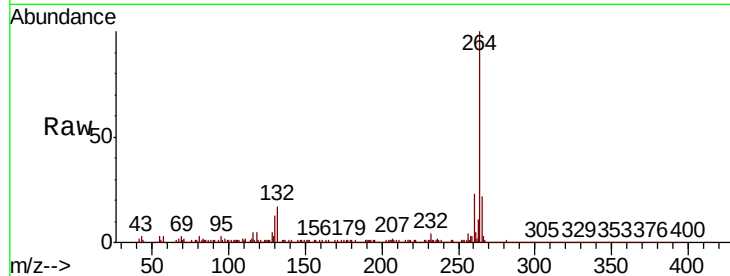
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF113837.D
Acq: 19 Apr 2019 00:51

Instrument :
BNA_F
ClientSampleId :
CL-01-041619-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	22.0	17.3	25.9

Manual Integrations
APPROVED

Sohil
4/23/2019 8:16:53 AM



#88
Benzo(b)fluoranthene
Concen: 2.599 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF113837.D
Acq: 19 Apr 2019 00:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.7	17.8	26.6#
125	17.4	7.0	10.6#

