

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
 Data File : BF114050.D
 Acq On : 30 Apr 2019 18:49
 Operator : JU/SJ
 Sample : K2194-17 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-I

Manual Integrations
 APPROVED

Sohil
 5/1/2019 11:59:00 AM

Quant Time: May 01 05:50:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	111031	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	455591	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	183996	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	339517	20.00	ng	0.00
76) Chrysene-d12	14.06	240	267859	20.00	ng	-0.01
87) Perylene-d12	15.54	264	193621	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	331671	51.09	ng	0.00
7) Phenol-d6	6.52	99	361721	44.41	ng	0.00
23) Nitrobenzene-d5	7.45	82	187130	25.36	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	90249	40.26	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	439007	37.32	ng	-0.01
79) Terphenyl-d14	13.00	244	519643	39.77	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	59156	4.446	ng	98
71) Phenanthrene	11.44	178	58945	3.455	ng	98
75) Fluoranthene	12.63	202	117625	6.319	ng	98
78) Pyrene	12.86	202	121940	6.510	ng	99
81) Benzo(a)anthracene	14.04	228	51928	3.290	ng	# 91
83) Chrysene	14.08	228	43273m	2.815	ng	
88) Benzo(b)fluoranthene	15.10	252	46964m	3.834	ng	
90) Benzo(a)pyrene	15.47	252	28625	2.702	ng	# 63

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

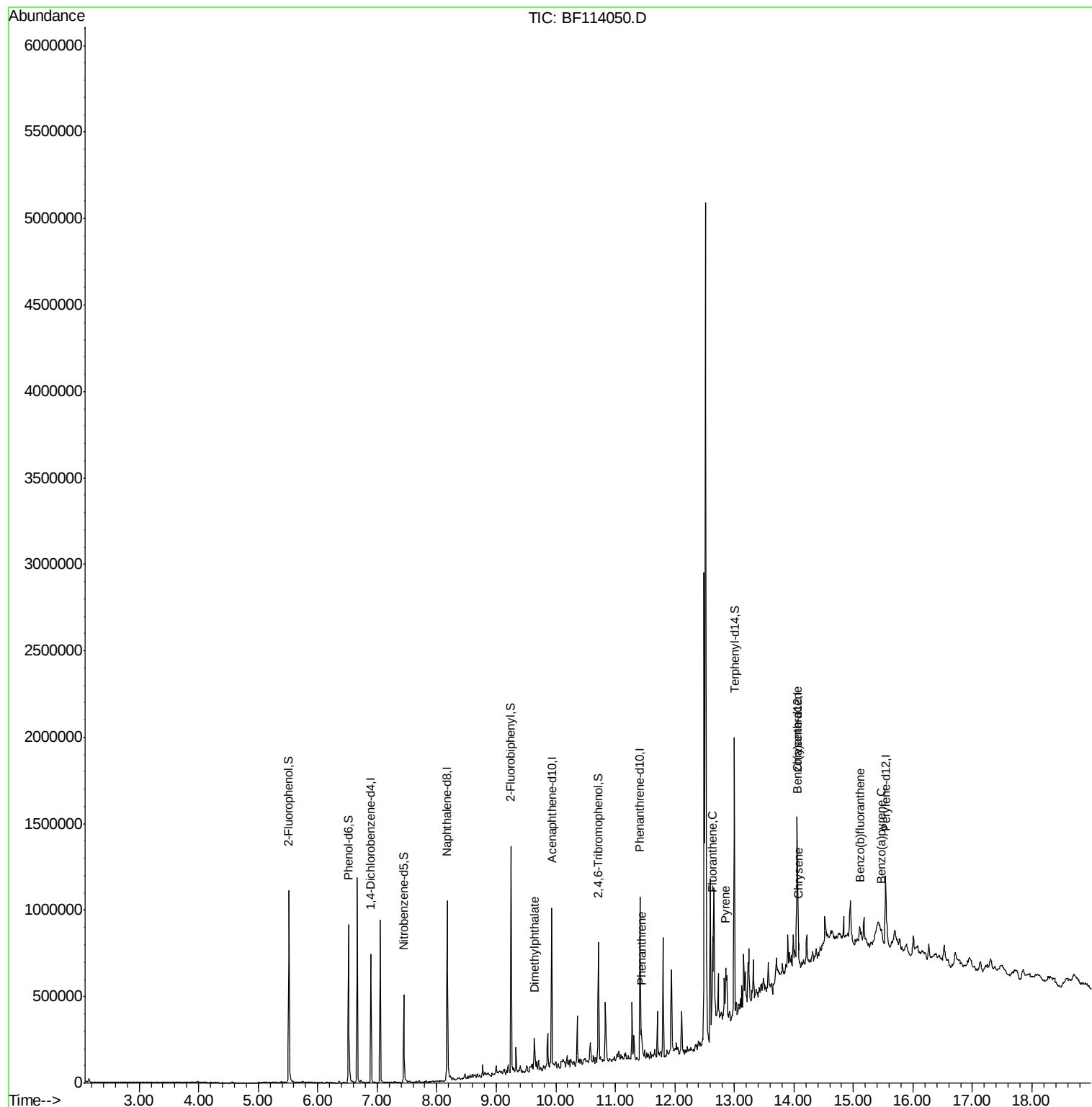
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114050.D
Acq On : 30 Apr 2019 18:49
Operator : JU/SJ
Sample : K2194-17 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

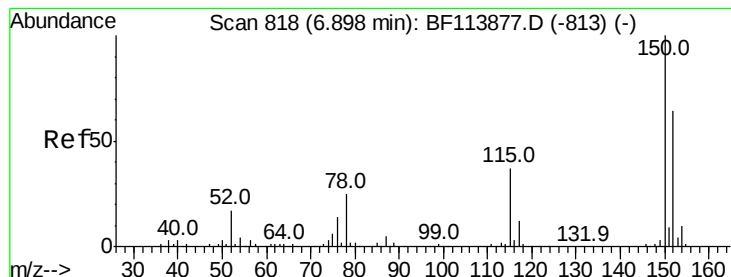
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-I

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

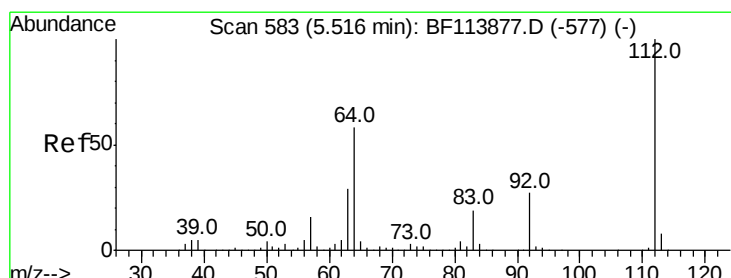
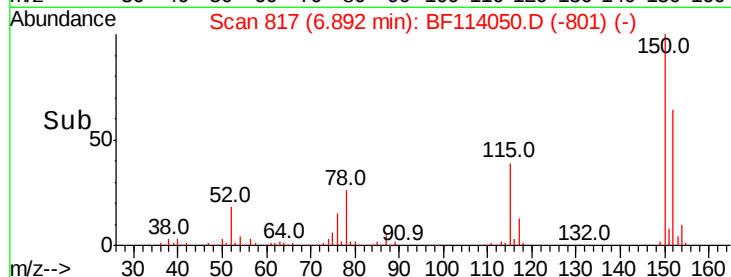
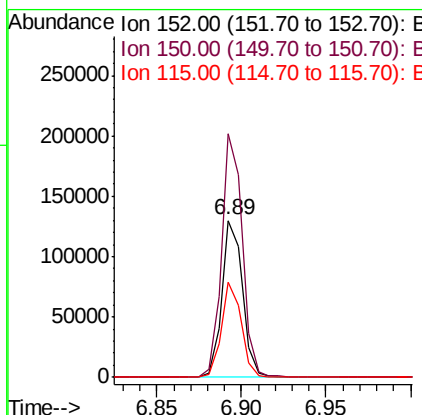
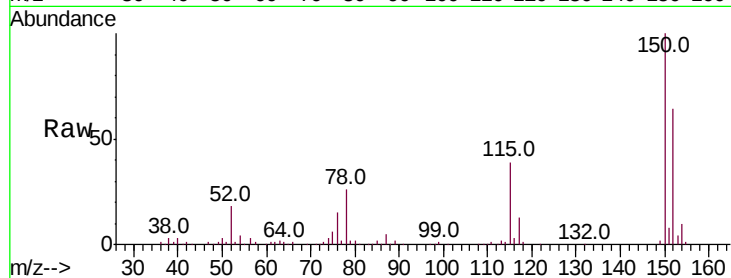
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-I

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.9	188.9
115	60.3	45.9	68.9

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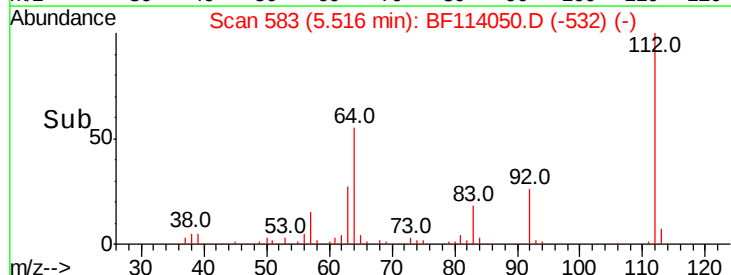
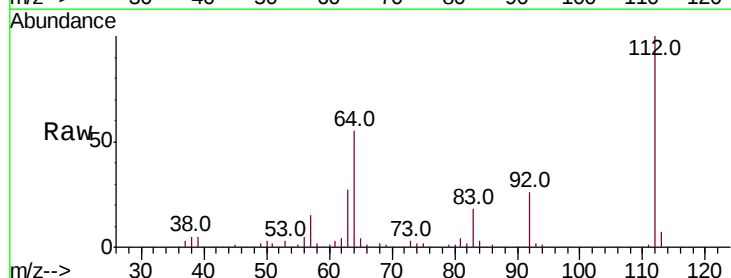
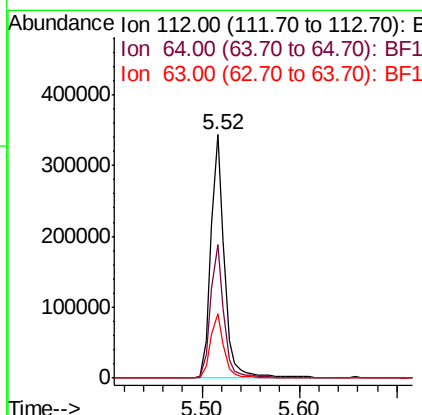
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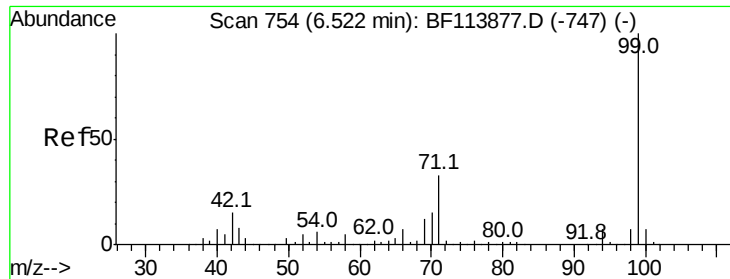


#5

2-Fluorophenol
Concen: 51.092 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.6	69.8
63	26.6	23.1	34.7





#7

Phenol-d6

Concen: 44.412 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF114050.D

Acq: 30 Apr 2019 18:49

Instrument :

BNA_F

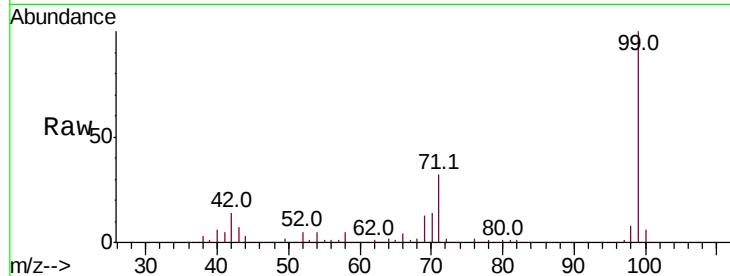
ClientSampleId :

JC-03-042919-I

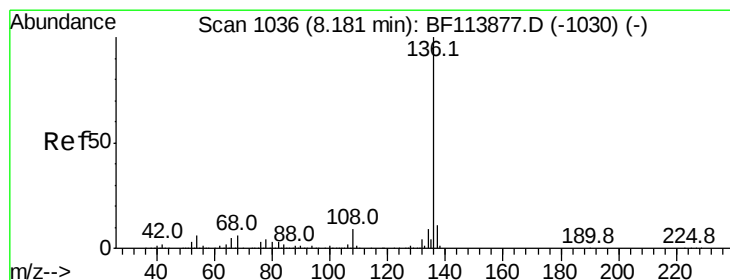
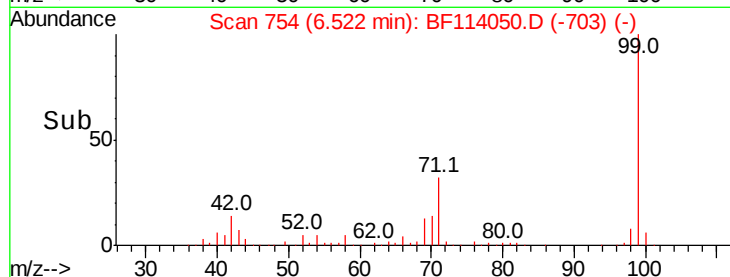
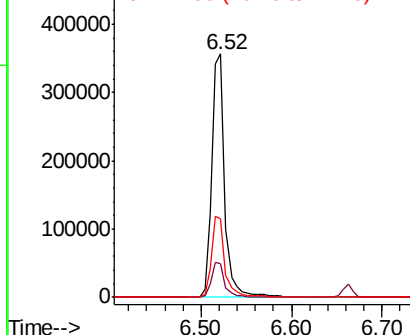
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		361721		
42	13.8	12.5	18.7		
71	32.2	26.9	40.3		

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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: 8.17 min Scan# 1035

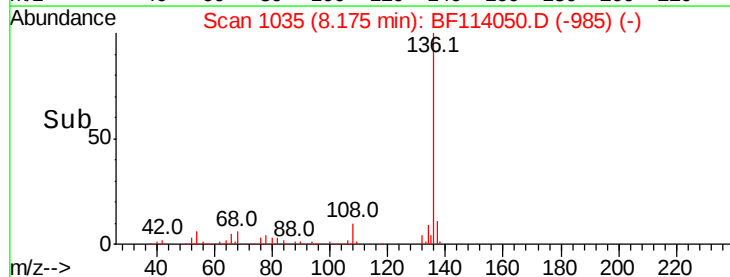
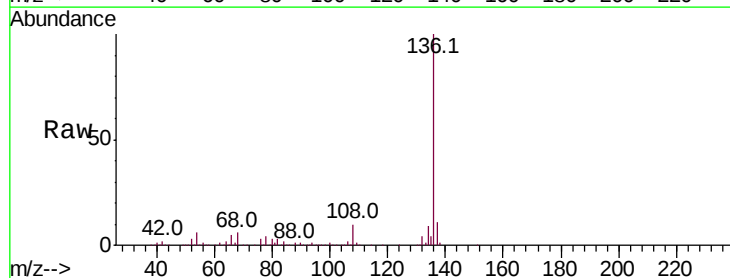
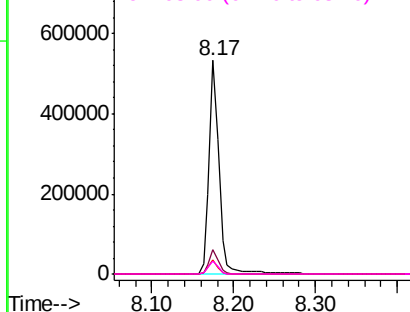
Delta R.T. -0.01 min

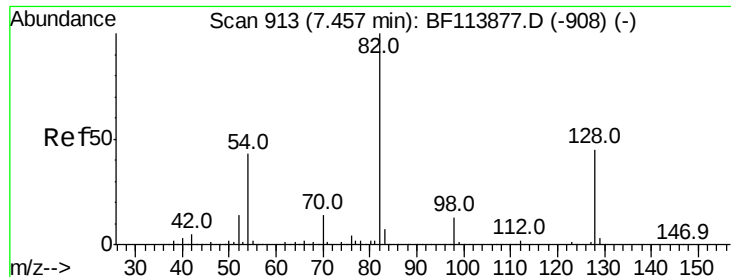
Lab File: BF114050.D

Acq: 30 Apr 2019 18:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		455591		
137	11.2	8.6	12.8		
54	6.4	5.0	7.6		
68	6.3	4.9	7.3		

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





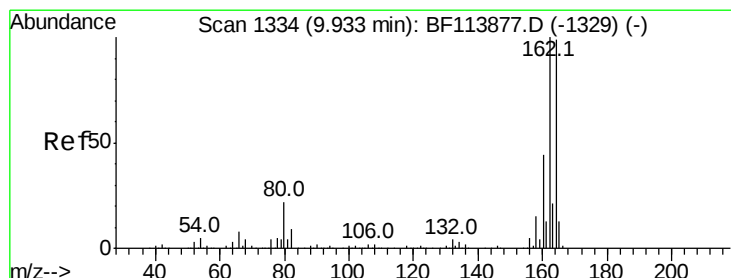
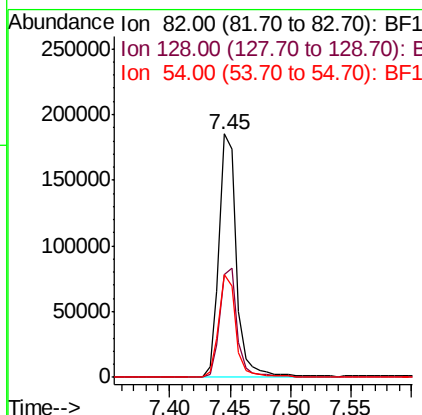
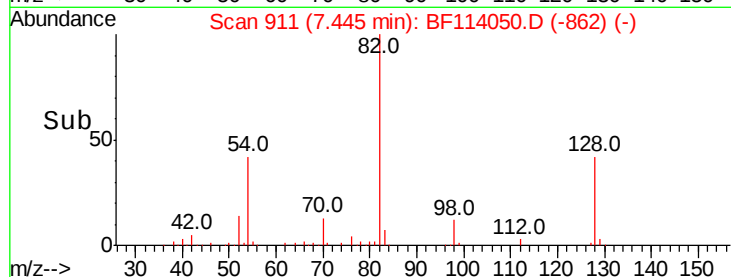
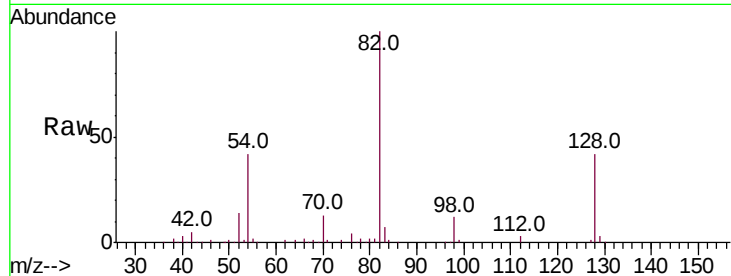
#23
Nitrobenzene-d5
Concen: 25.361 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.5	36.8	55.2	
54	42.3	33.8	50.6	

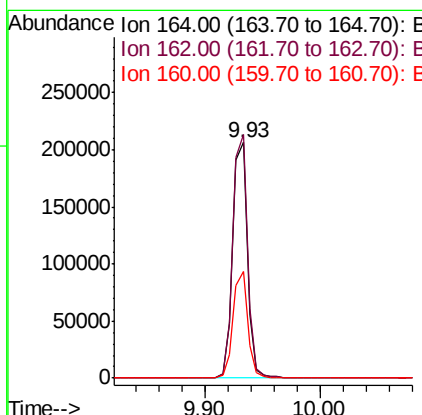
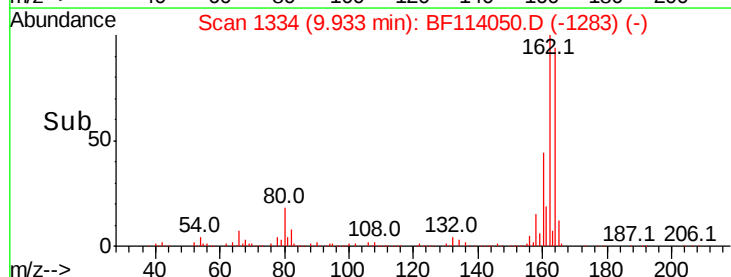
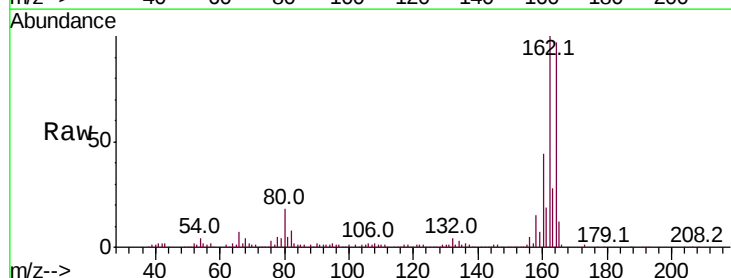
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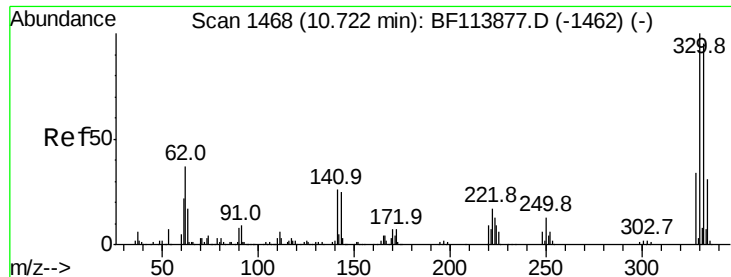
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.2	81.1	121.7	
160	45.0	35.8	53.6	





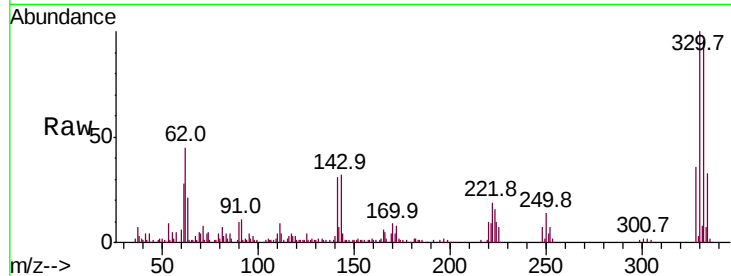
#42
 2,4,6-Tribromophenol
 Concen: 40.264 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF114050.D
 Acq: 30 Apr 2019 18:49

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-I

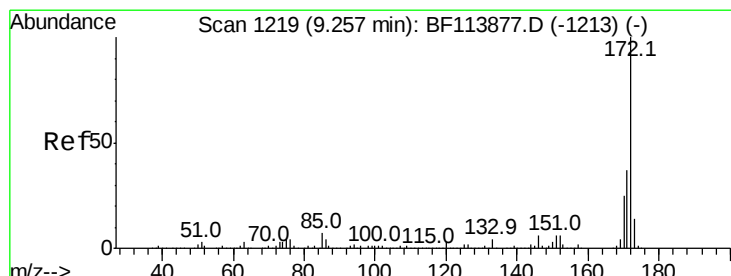
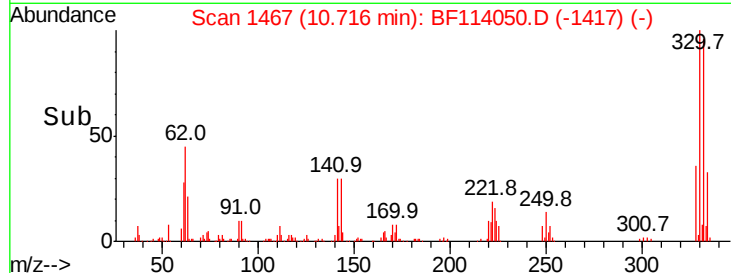
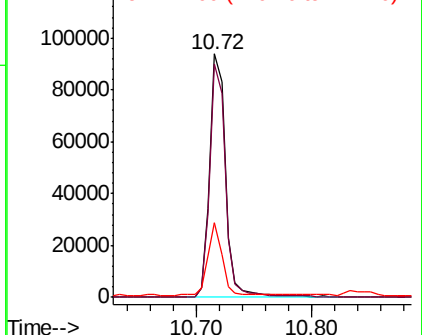
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.5	116.3
141	27.0	22.2	33.2

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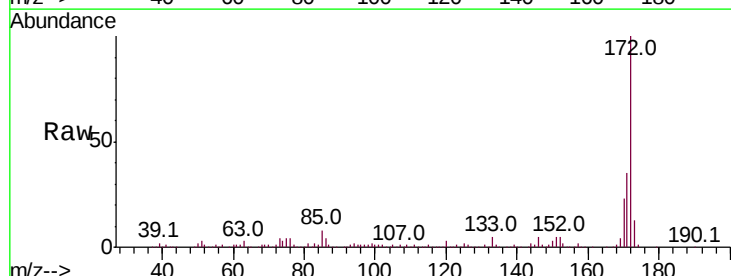


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

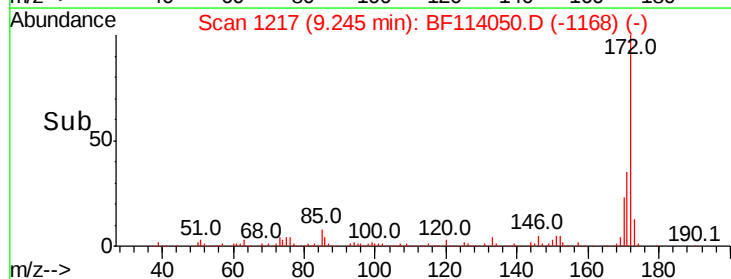
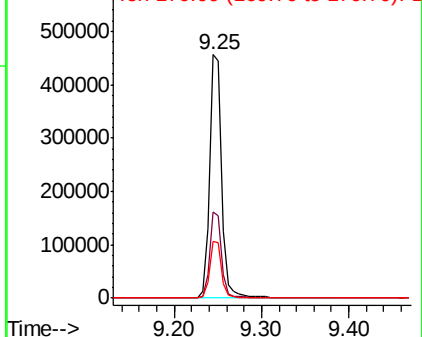


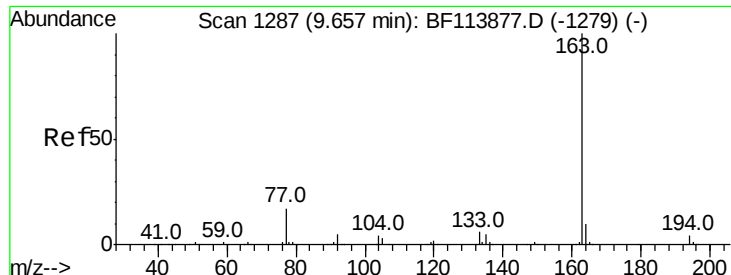
#45
 2-Fluorobiphenyl
 Concen: 37.317 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF114050.D
 Acq: 30 Apr 2019 18:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.0
170	23.5	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





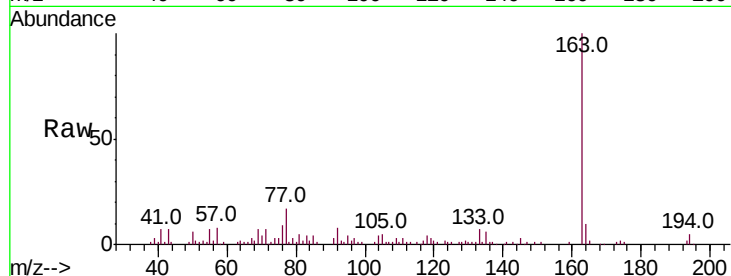
#50
Dimethylphthalate
Concen: 4.446 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	59156		
194	4.9		3.4	5.2
164	10.0		8.5	12.7

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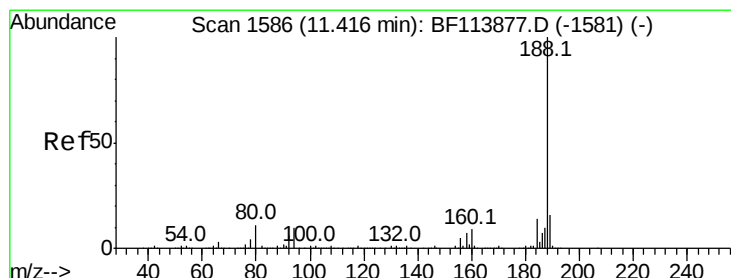
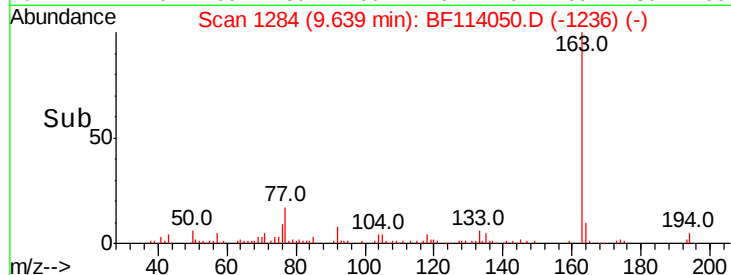
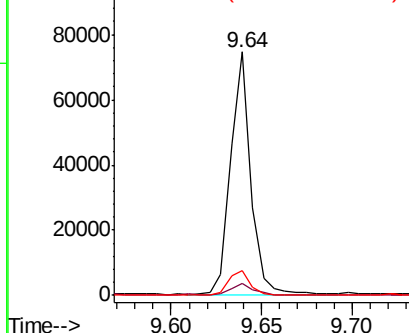


Abundance

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



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

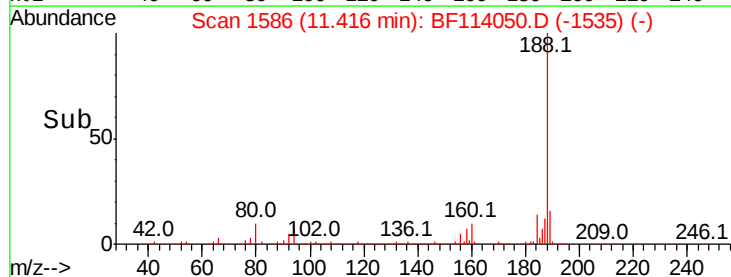
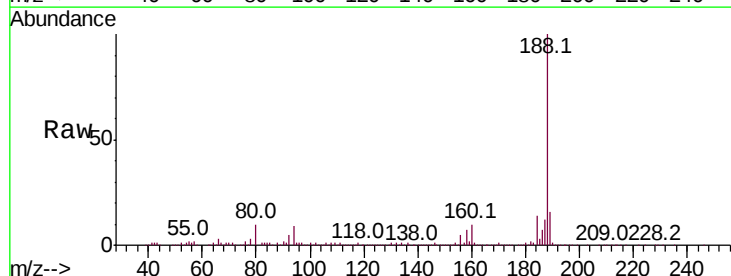
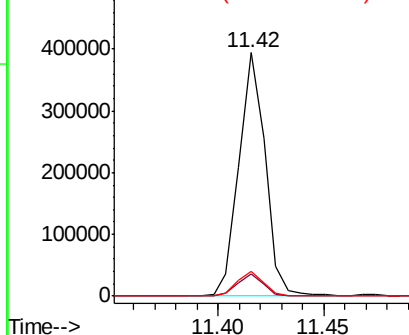
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	339517		
94	9.3		8.2	12.4
80	10.4		9.0	13.6

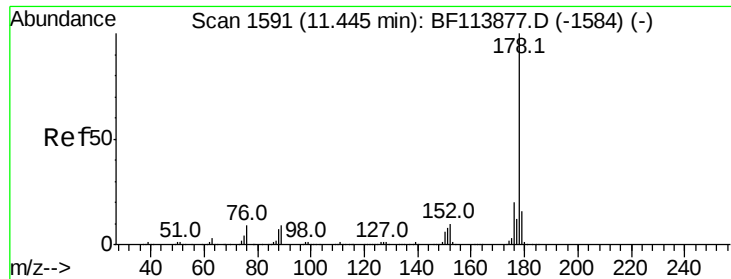
Abundance

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: 3.455 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF114050.D

Acq: 30 Apr 2019 18:49

Instrument :

BNA_F

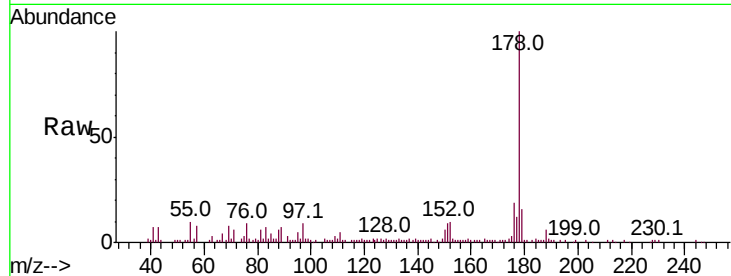
ClientSampleId :

JC-03-042919-I

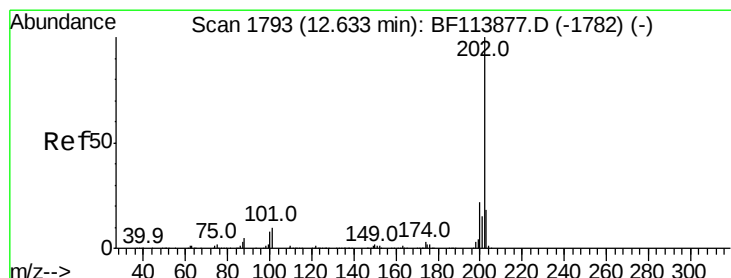
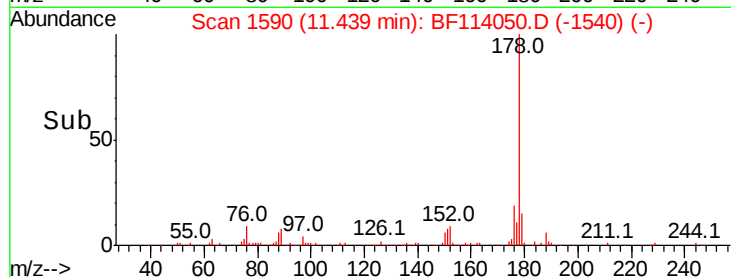
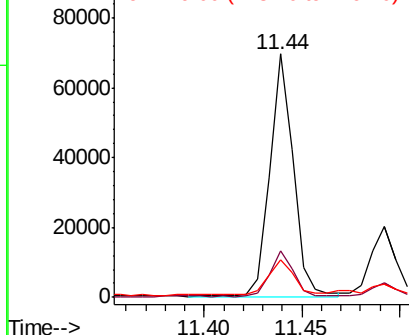
Tot Ion:	178	Resp:	58945
Ion Ratio	Lower	Upper	
178	100		
176	19.2	16.1	24.1
179	15.5	12.8	19.2

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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: 6.319 ng

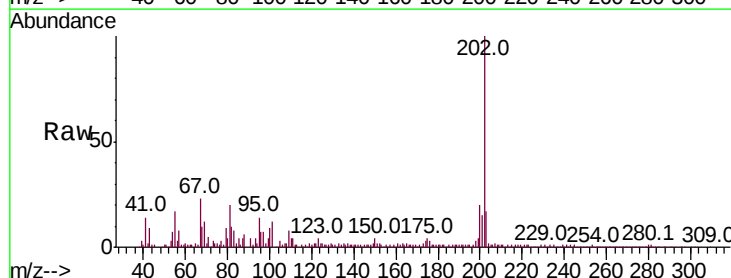
RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

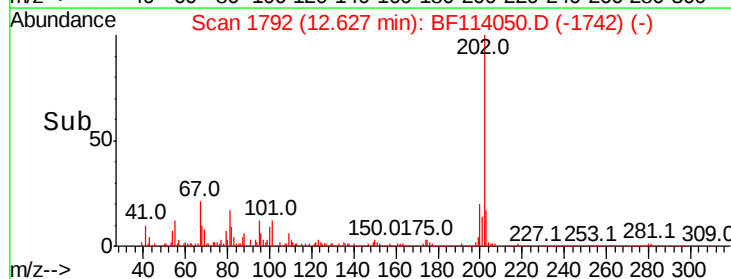
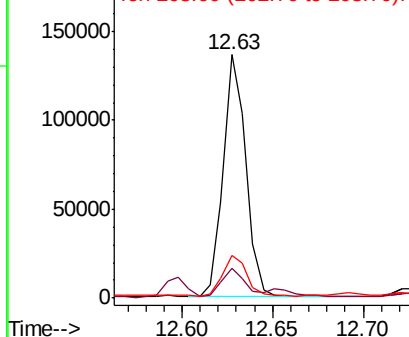
Lab File: BF114050.D

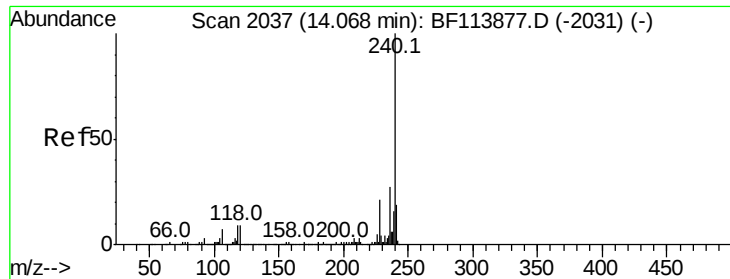
Acq: 30 Apr 2019 18:49

Tgt Ion:	202	Resp:	117625
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	32.9
203	17.3	0.0	38.2



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





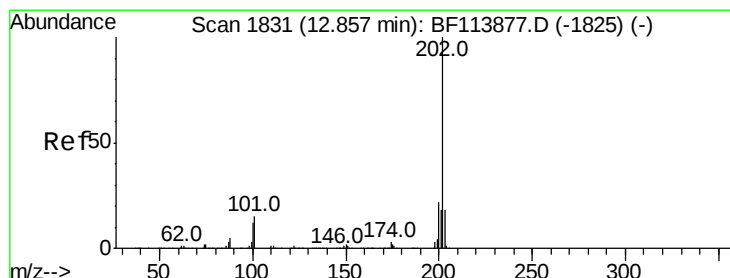
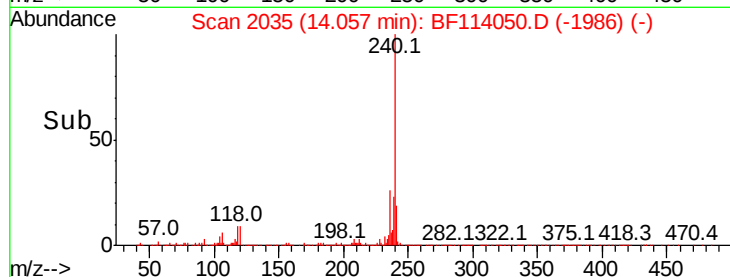
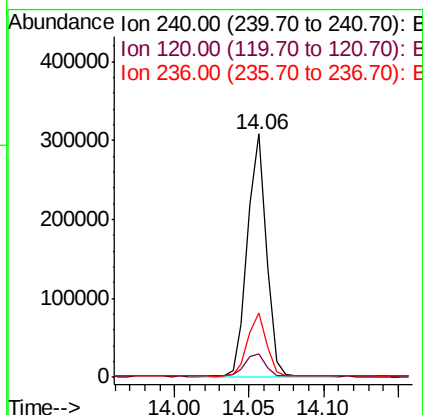
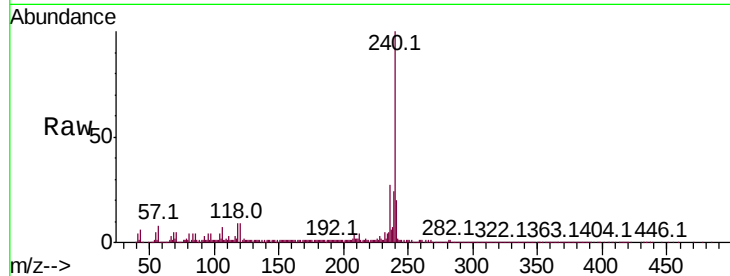
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-I

Tot Ion	Ratio	Resp	Lower	Upper
240	100	267859		
120	9.5		9.3	13.9
236	26.5		21.2	31.8

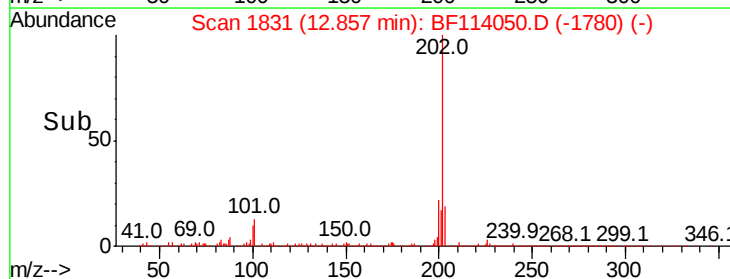
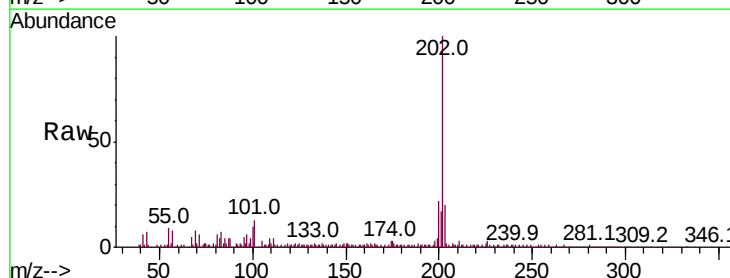
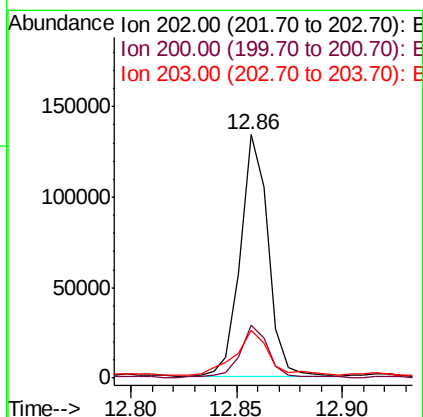
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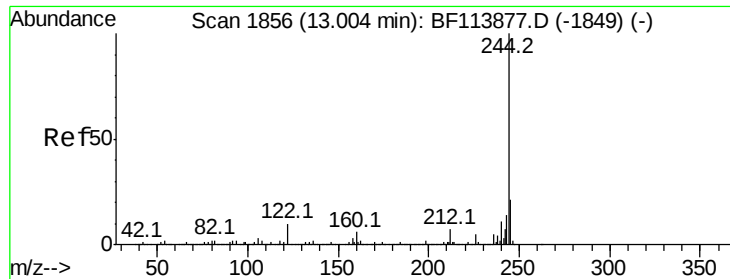
Sohil
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#78
Pyrene
Concen: 6.510 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	121940		
200	21.8		17.7	26.5
203	19.7		15.0	22.6





#79

Terphenyl-d14

Concen: 39.772 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF114050.D

Acq: 30 Apr 2019 18:49

Instrument :

BNA_F

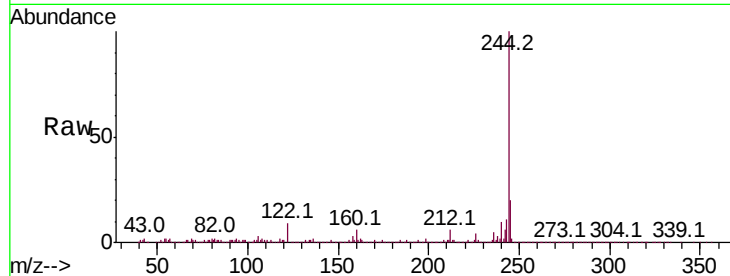
ClientSampleId :

JC-03-042919-I

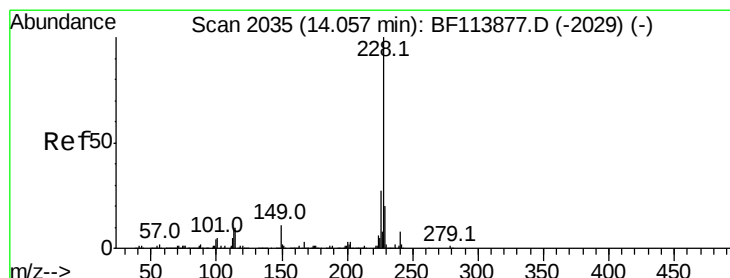
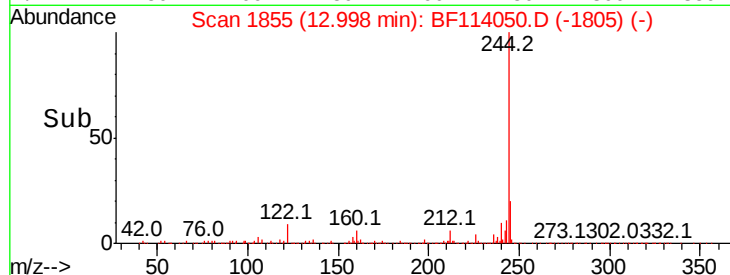
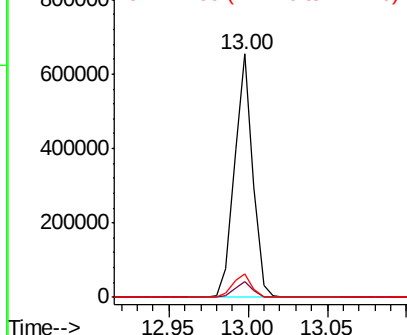
Tot Ion:	244	Resp:	519643
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.2
122	9.5	7.6	11.4

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 3.290 ng

RT: 14.04 min Scan# 2033

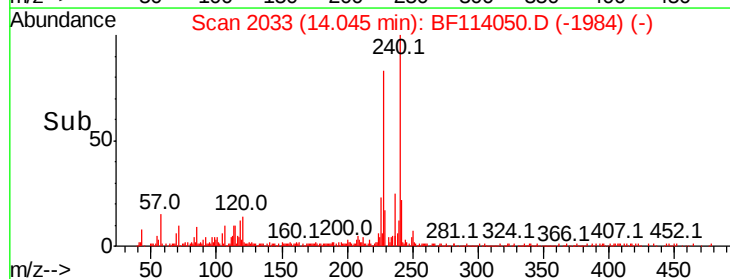
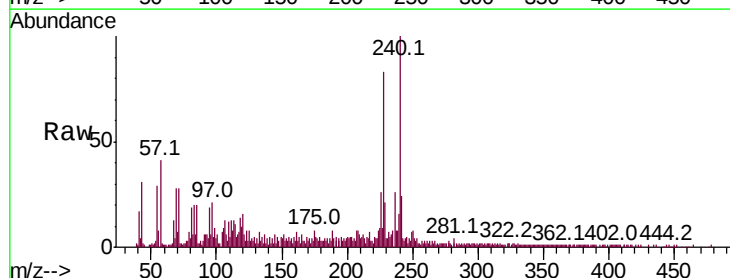
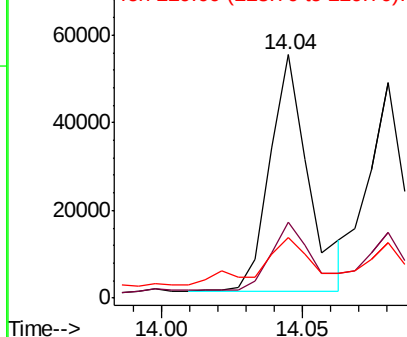
Delta R.T. -0.01 min

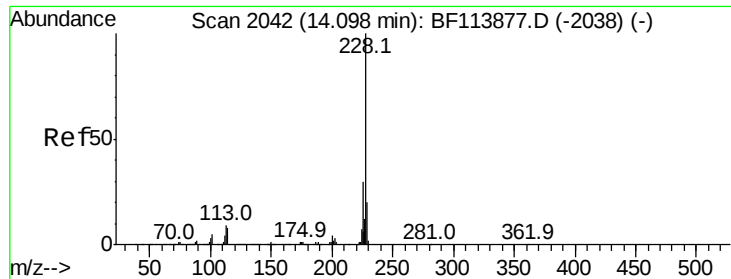
Lab File: BF114050.D

Acq: 30 Apr 2019 18:49

Tgt Ion:	228	Resp:	51928
Ion Ratio	Lower	Upper	
228	100		
226	31.3	22.2	33.2
229	25.0	16.0	24.0#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





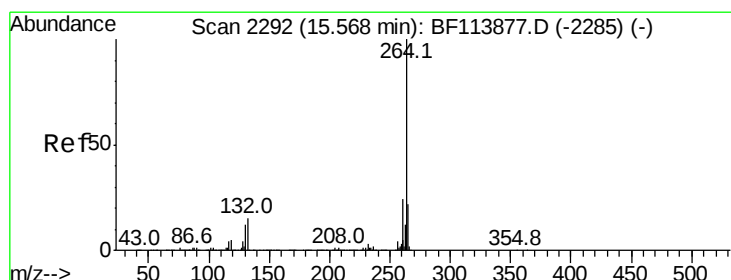
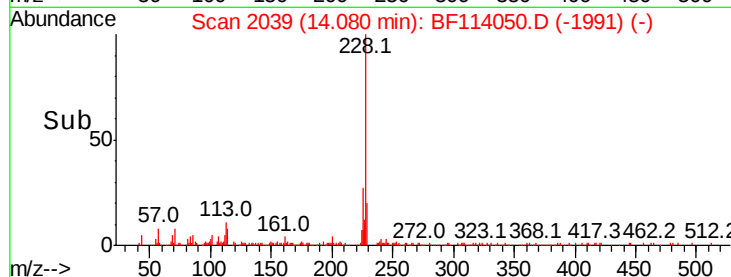
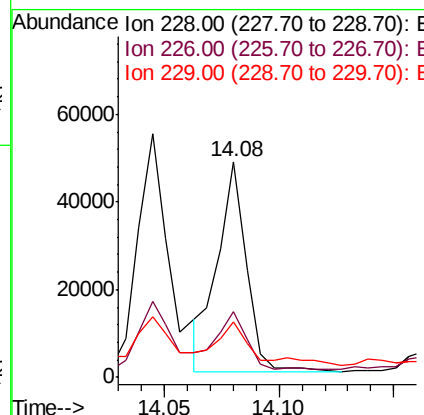
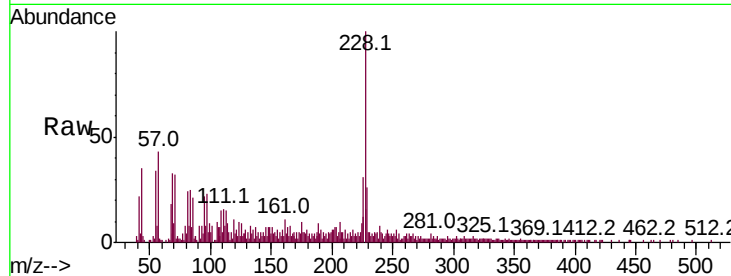
#83
Chrysene
Concen: 2.815 ng/ml
RT: 14.08 min Scan# 2039
Delta R.T. -0.02 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-I

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.2	37.8
229	25.7	16.7	25.1

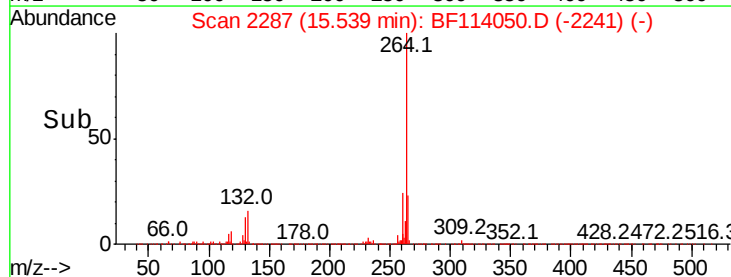
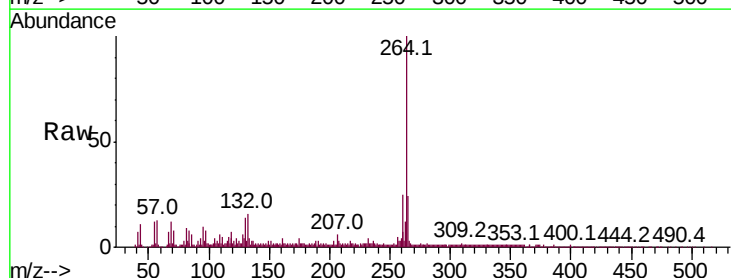
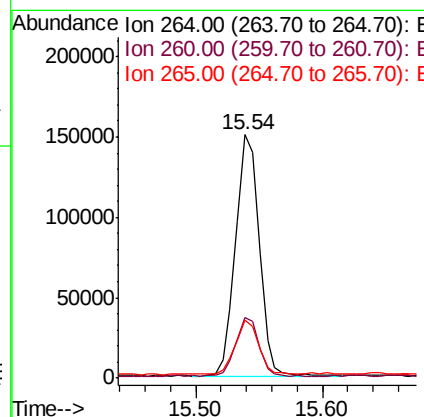
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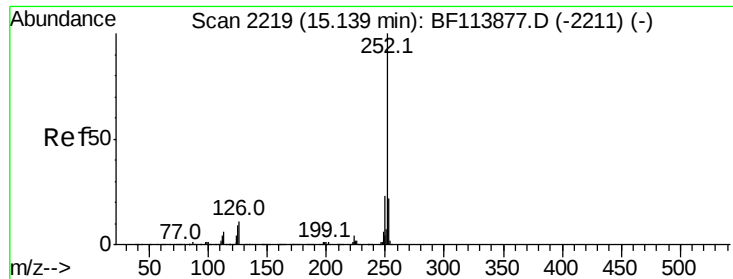
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.03 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.9	28.3
265	23.9	17.3	25.9





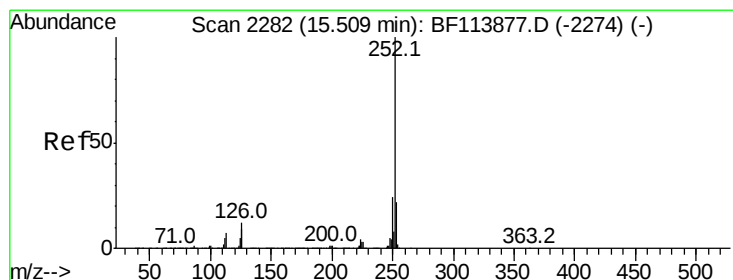
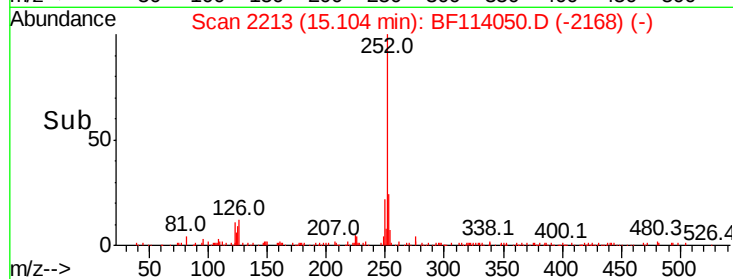
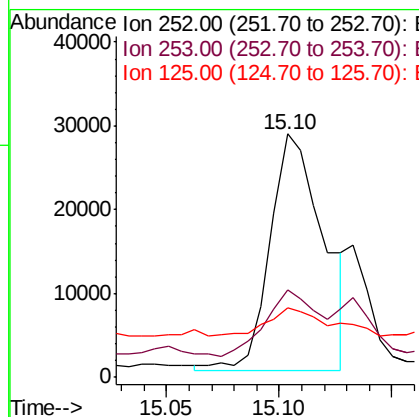
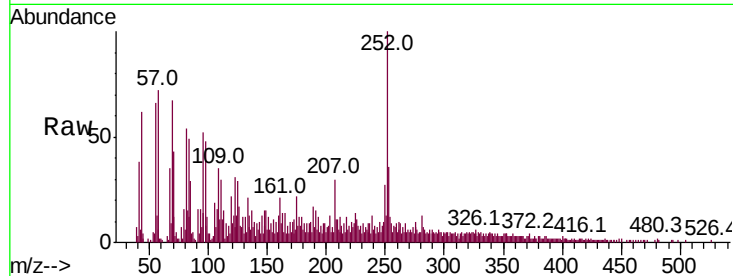
#88
Benzo(b)fluoranthene
Concen: 3.834 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-I

Tot Ion	Ratio	Lower	Upper
252	100		
253	36.2	17.8	26.6#
125	28.7	7.0	10.6#

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.702 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.04 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.8	17.5	26.3#
125	35.3	8.5	12.7#

