

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113862.D
 Acq On : 19 Apr 2019 16:55
 Operator : JU/SJ
 Sample : K2202-03 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-041819-B

Manual Integrations
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 4/22/2019 7:26:51 PM

Quant Time: Apr 20 04:40:57 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	194141	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	671877	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	302102	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	550756	20.00	ng	0.02
76) Chrysene-d12	14.20	240	501355	20.00	ng	0.16
87) Perylene-d12	15.94	264	392808	20.00	ng	0.44
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	586837	50.26	ng	0.01
7) Phenol-d6	6.52	99	749474	51.47	ng	0.00
23) Nitrobenzene-d5	7.46	82	406394	36.83	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	174532	52.29	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	696445	35.16	ng	0.00
79) Terphenyl-d14	13.04	244	729778	30.52	ng	0.04
Target Compounds						
50) Dimethylphthalate	9.65	163	77740	3.677	ng	Qvalue 100
71) Phenanthrene	11.45	178	84928	3.028	ng	98
75) Fluoranthene	12.65	202	160482	5.398	ng	96
78) Pyrene	12.89	202	177239	5.016	ng	97
81) Benzo(a)anthracene	14.19	228	94753	3.233	ng	94
83) Chrysene	14.23	228	83192	2.860	ng	98
88) Benzo(b)fluoranthene	15.47	252	94233m	3.848	ng	
90) Benzo(a)pyrene	15.87	252	70429m	3.253	ng	
92) Benzo(g,h,i)perylene	17.94	276	41659	2.127	ng	# 90

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

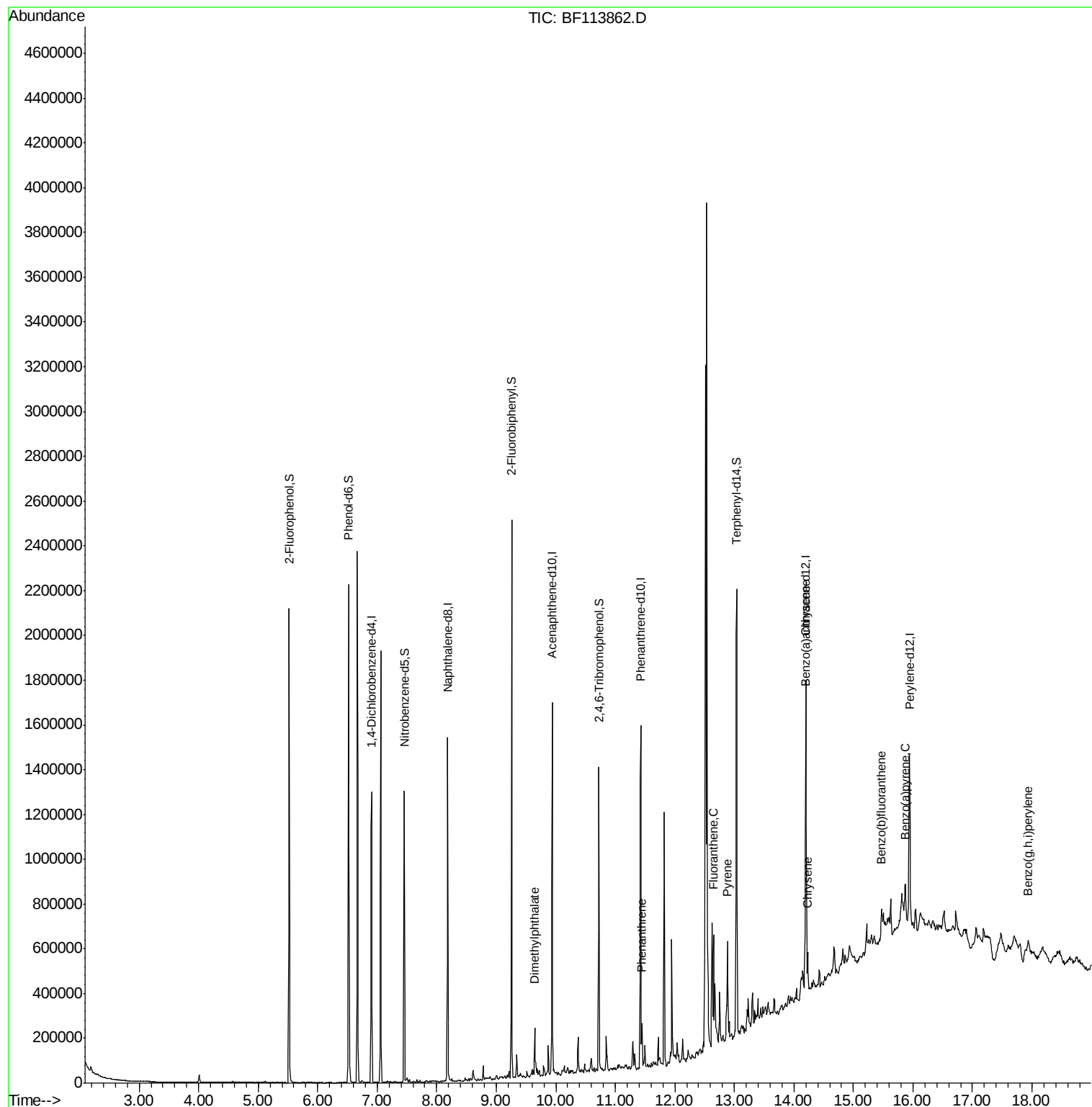
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

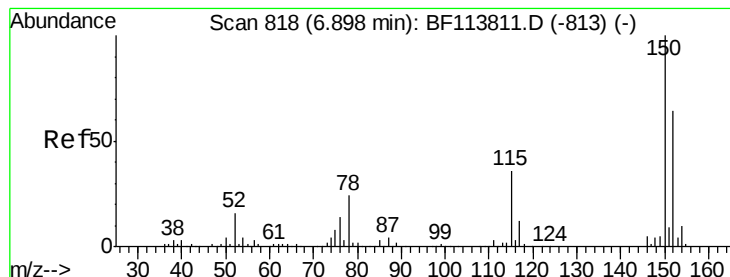
Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

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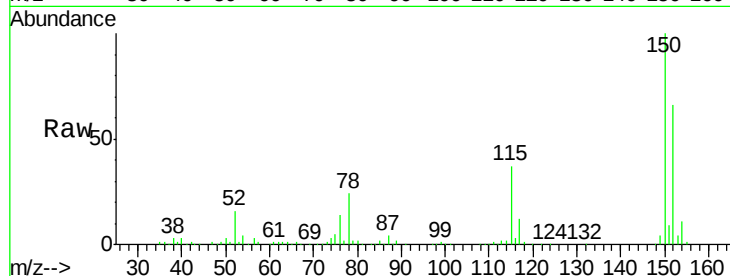
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF113862.D
 Acq: 19 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-041819-B

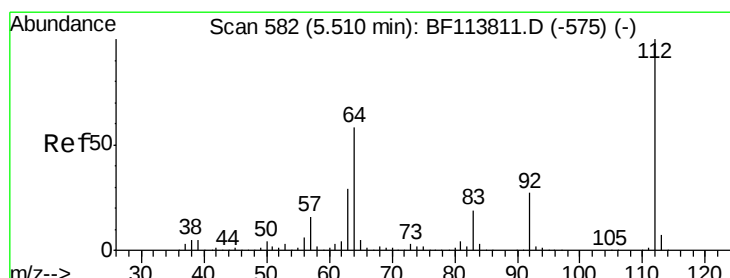
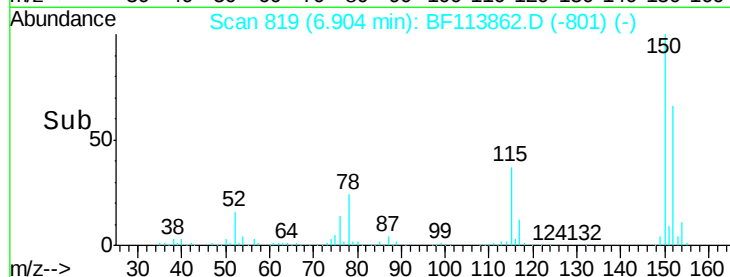
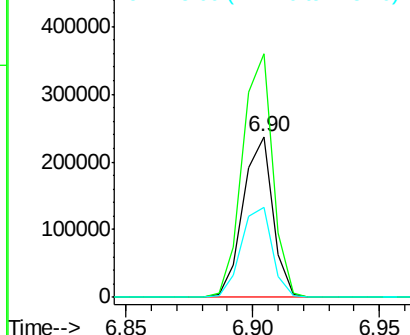
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	194141		
150	151.2	125.9	188.9	
115	56.0	45.9	68.9	

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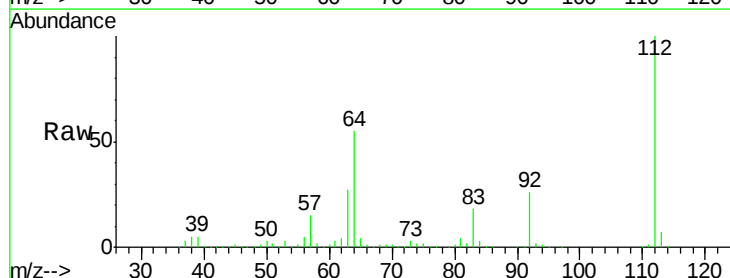


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

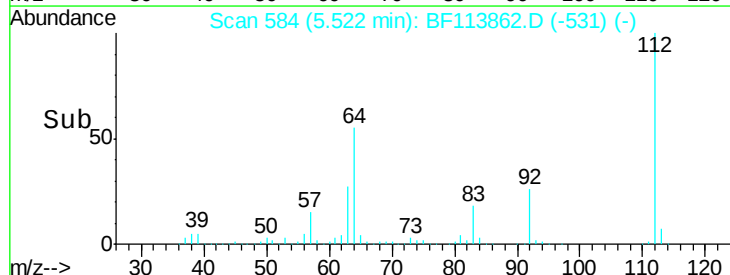
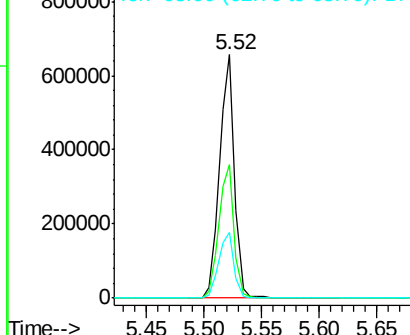


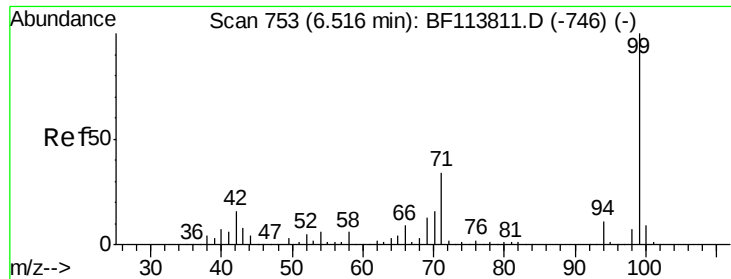
#5
 2-Fluorophenol
 Concen: 50.261 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF113862.D
 Acq: 19 Apr 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	586837		
64	54.8	46.6	69.8	
63	27.0	23.1	34.7	



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: 51.473 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF113862.D

Acq: 19 Apr 2019 16:55

Instrument :

BNA_F

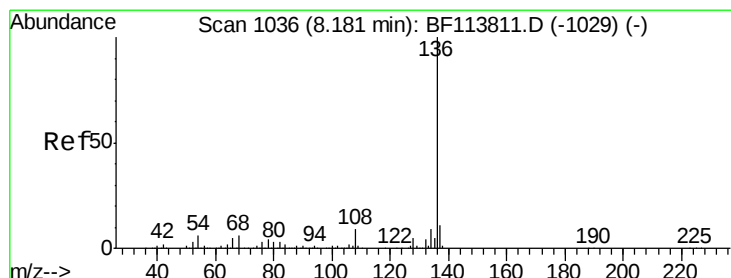
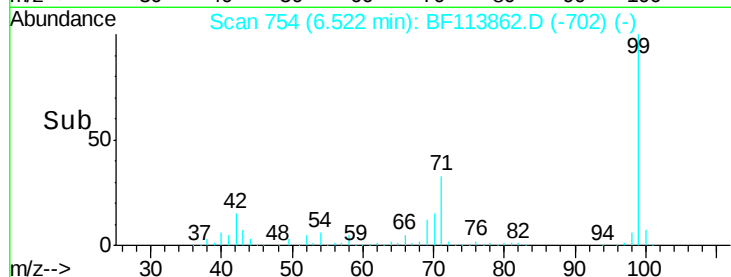
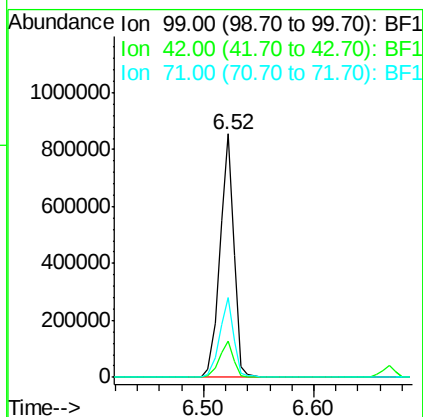
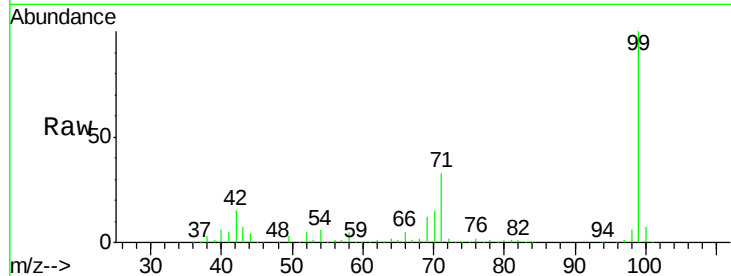
ClientSampleId :

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Tgt Ion:	99	Resp:	749474
Ion Ratio	Lower	Upper	
99	100		
42	15.1	12.5	18.7
71	33.0	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

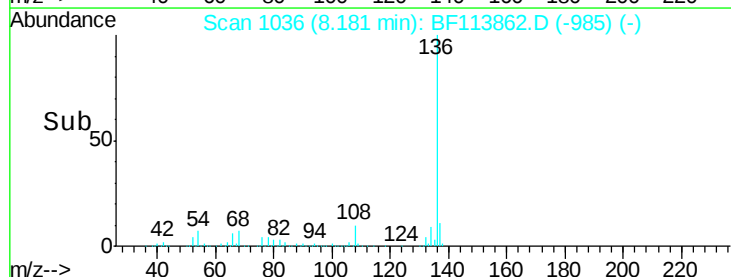
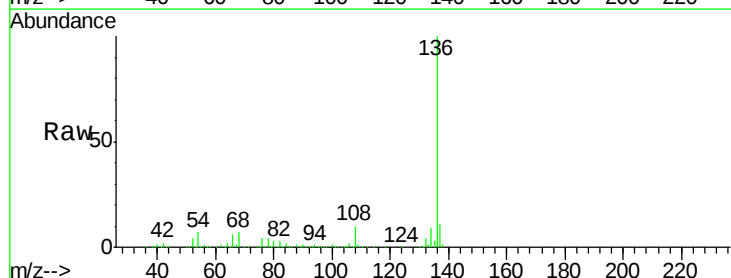
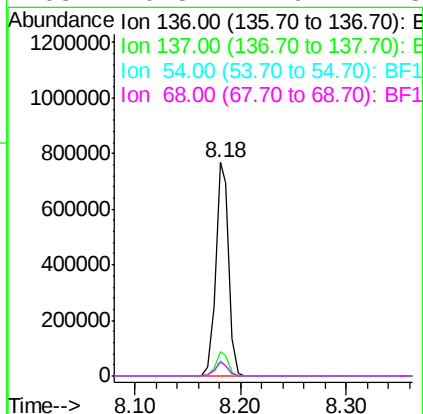
RT: 8.18 min Scan# 1036

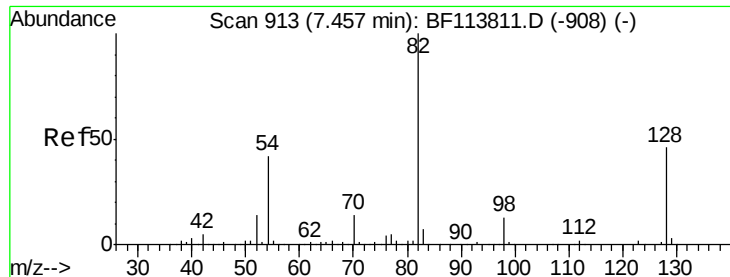
Delta R.T. -0.00 min

Lab File: BF113862.D

Acq: 19 Apr 2019 16:55

Tgt Ion:	136	Resp:	671877
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.6	12.8
54	7.1	5.0	7.6
68	6.8	4.9	7.3





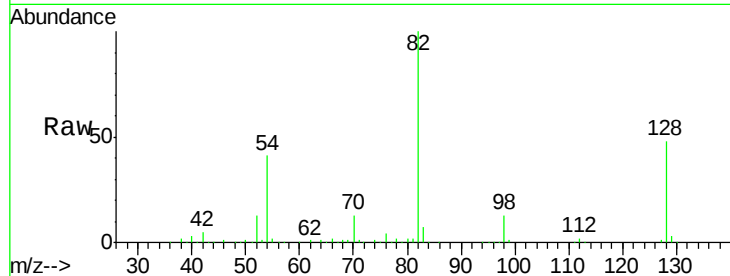
#23
Nitrobenzene-d5
Concen: 36.834 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

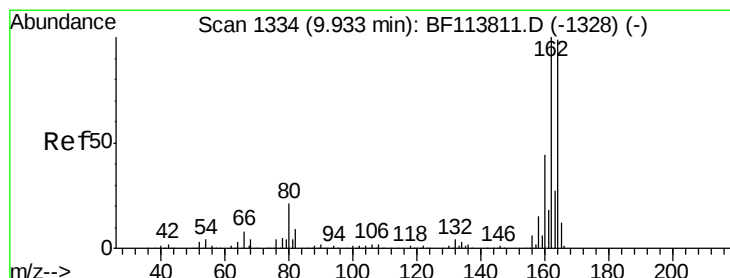
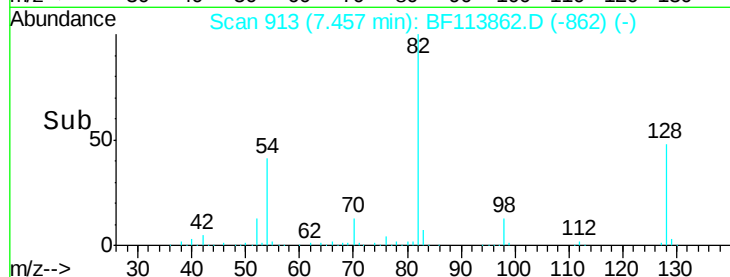
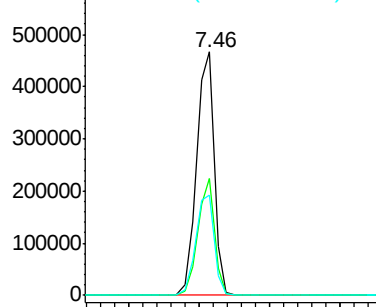
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	406394		
128	48.2	36.8	55.2	
54	41.3	33.8	50.6	

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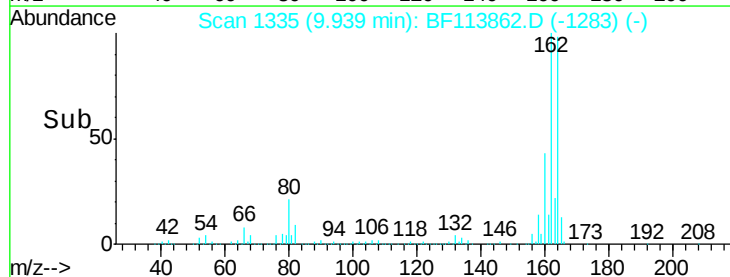
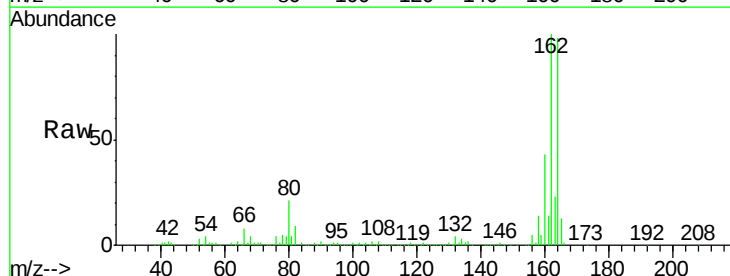
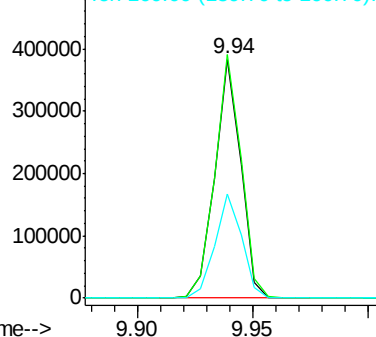
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

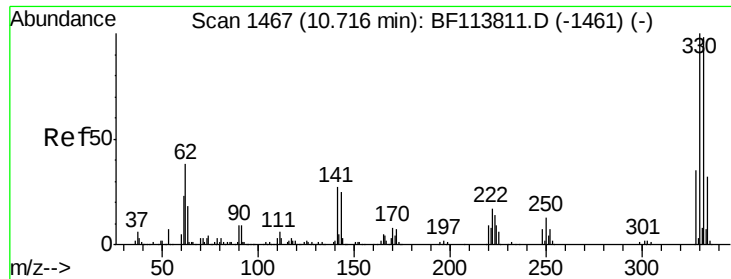


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	302102		
162	101.9	81.1	121.7	
160	43.5	35.8	53.6	

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





#42

2,4,6-Tribromophenol

Concen: 52.291 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF113862.D

Acq: 19 Apr 2019 16:55

Instrument :

BNA_F

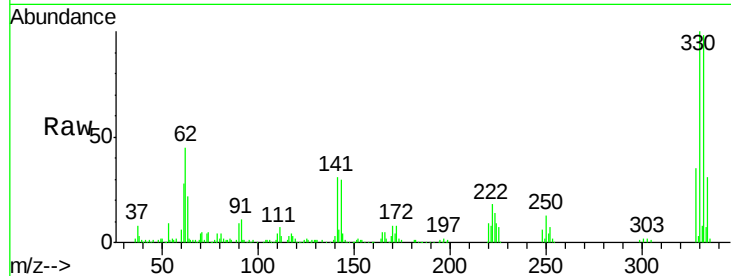
ClientSampleId :

SA-06-041819-B

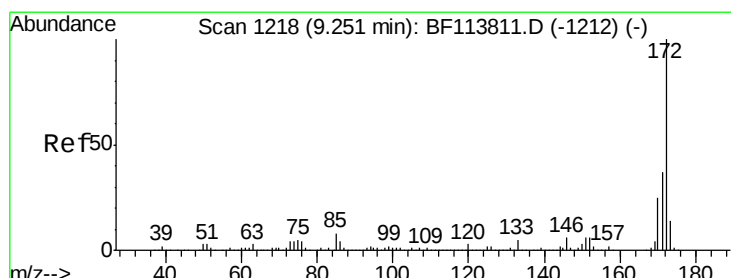
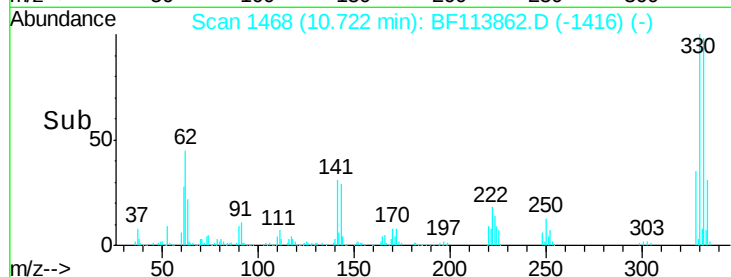
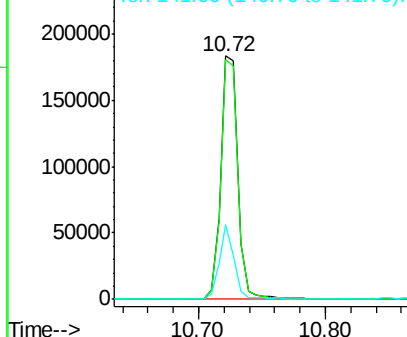
Tgt Ion:	330	Resp:	174532
Ion Ratio	Lower	Upper	
330	100		
332	98.3	77.5	116.3
141	26.2	22.2	33.2

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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: 35.157 ng

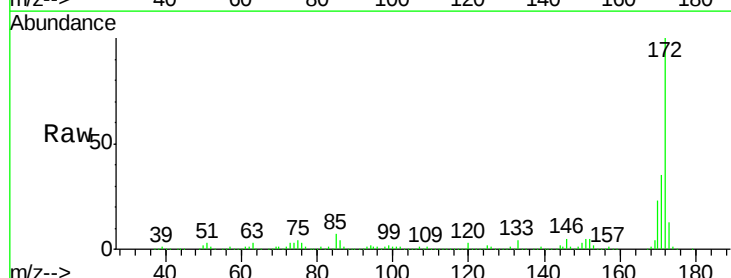
RT: 9.26 min Scan# 1219

Delta R.T. 0.01 min

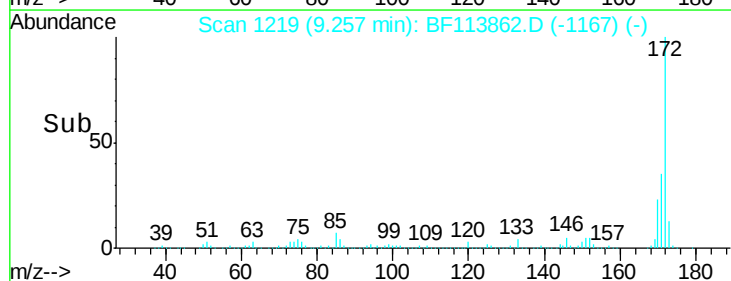
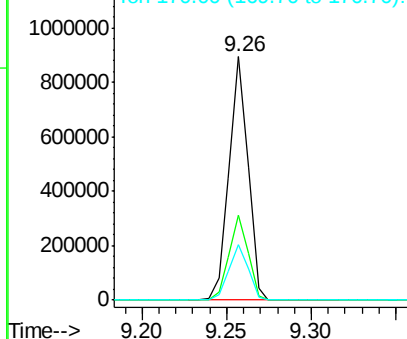
Lab File: BF113862.D

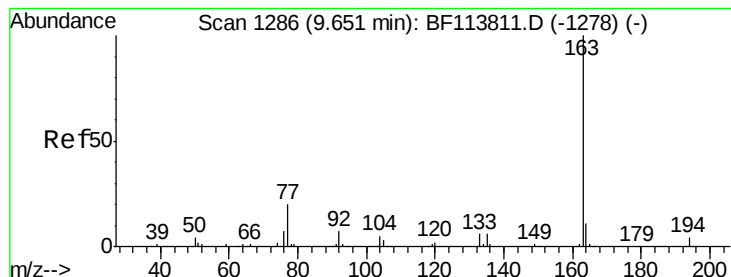
Acq: 19 Apr 2019 16:55

Tgt Ion:	172	Resp:	696445
Ion Ratio	Lower	Upper	
172	100		
171	35.1	29.4	44.0
170	22.9	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: 3.677 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF113862.D

Acq: 19 Apr 2019 16:55

Instrument :

BNA_F

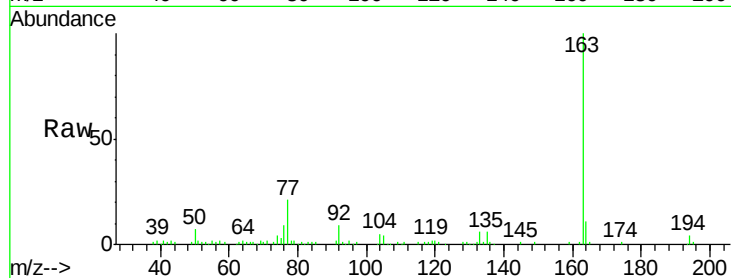
ClientSampleId :

SA-06-041819-B

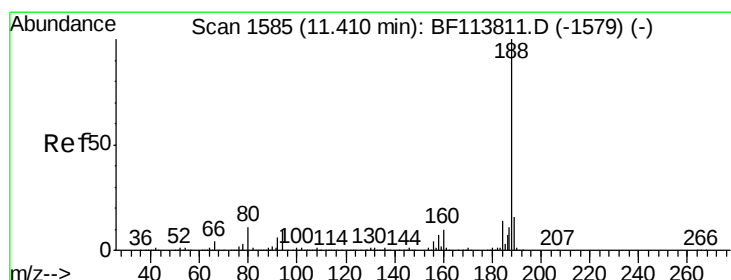
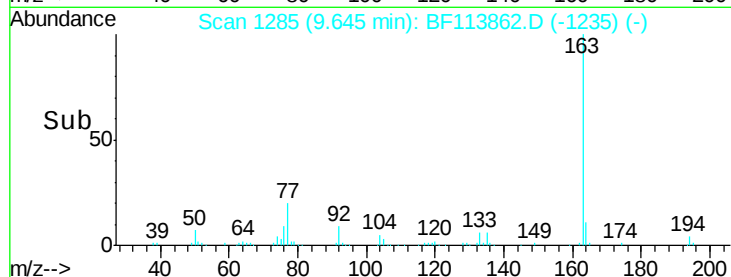
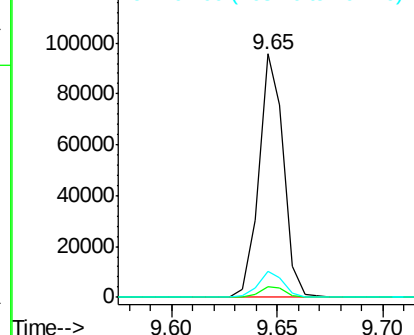
Tgt Ion:	163	Resp:	77740
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	10.7	8.5	12.7

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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

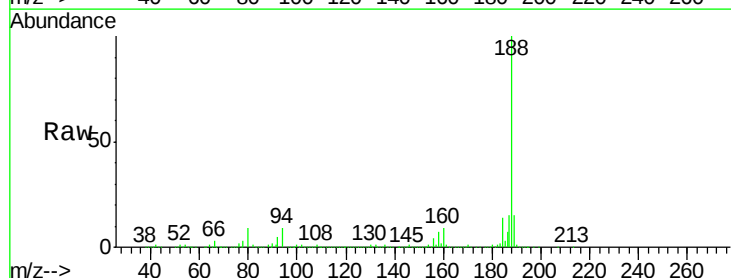
RT: 11.43 min Scan# 1588

Delta R.T. 0.02 min

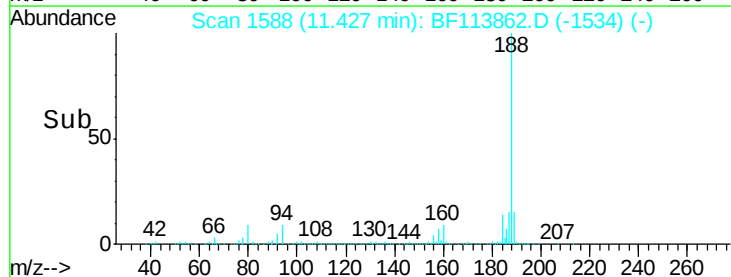
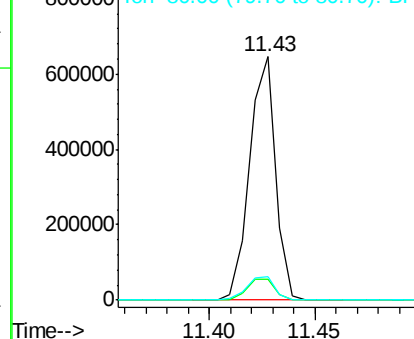
Lab File: BF113862.D

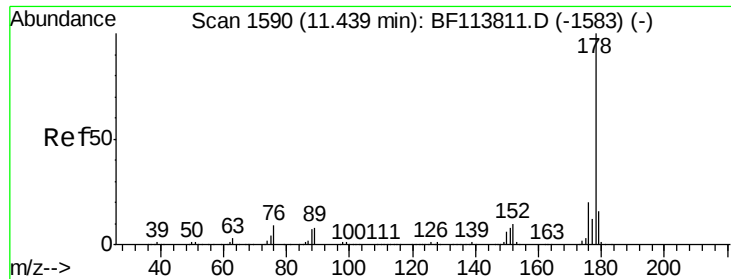
Acq: 19 Apr 2019 16:55

Tgt Ion:	188	Resp:	550756
Ion Ratio	Lower	Upper	
188	100		
94	8.8	8.2	12.4
80	9.5	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





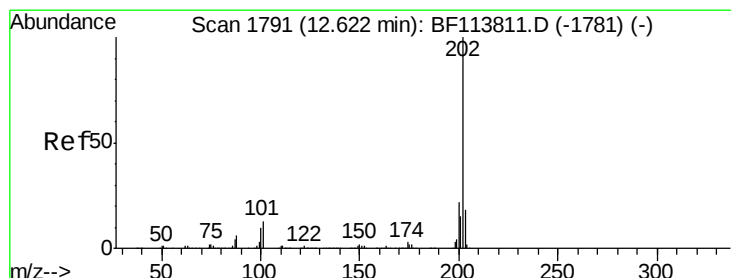
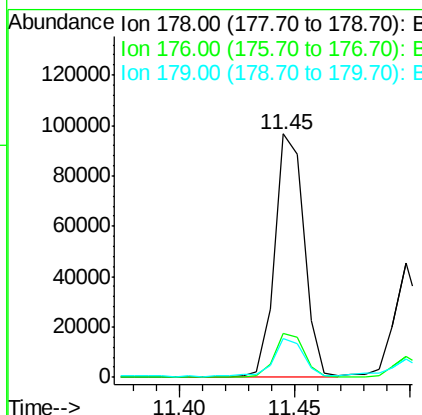
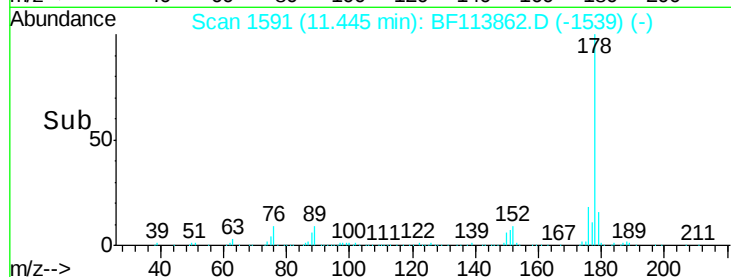
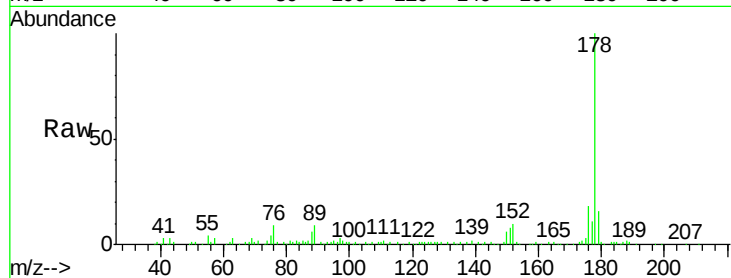
#71
Phenanthrene
Concen: 3.028 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Instrument :
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ClientSampleId :
SA-06-041819-B

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.1	24.1
179	16.1	12.8	19.2

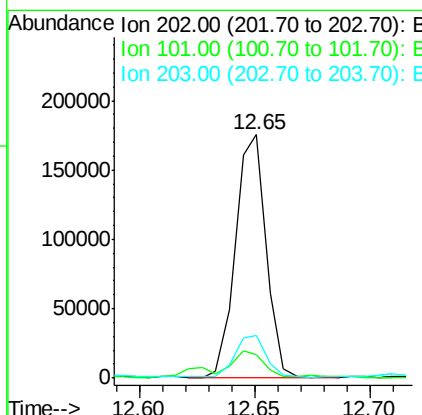
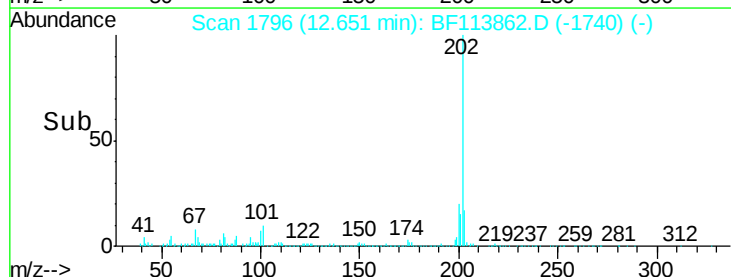
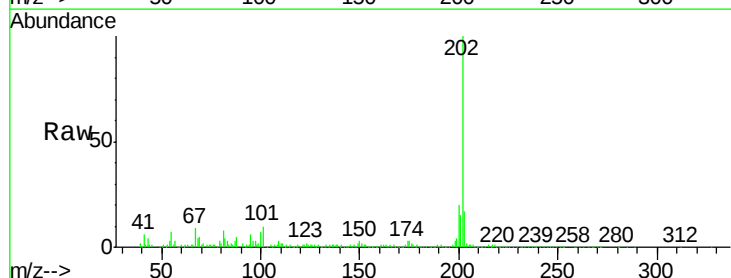
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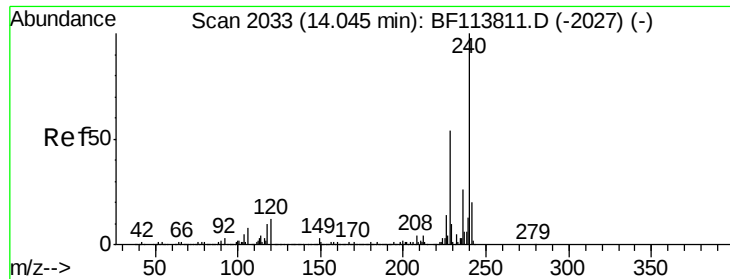
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#75
Fluoranthene
Concen: 5.398 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.03 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	32.9
203	17.3	0.0	38.2





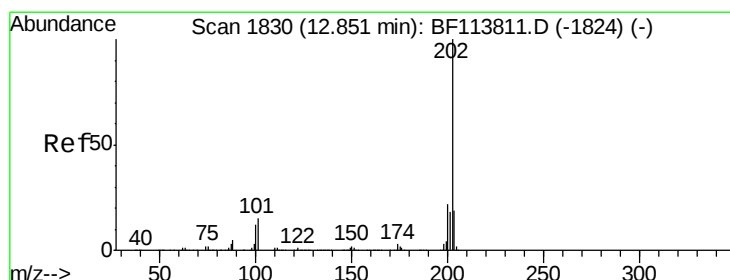
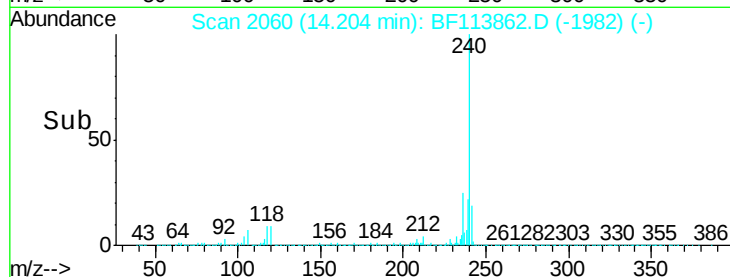
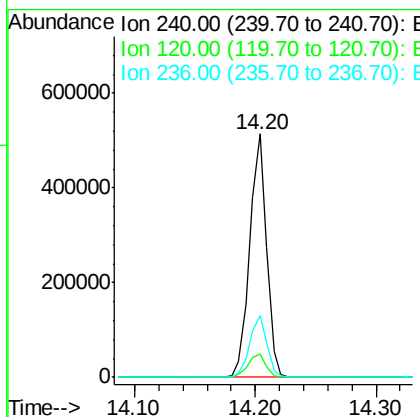
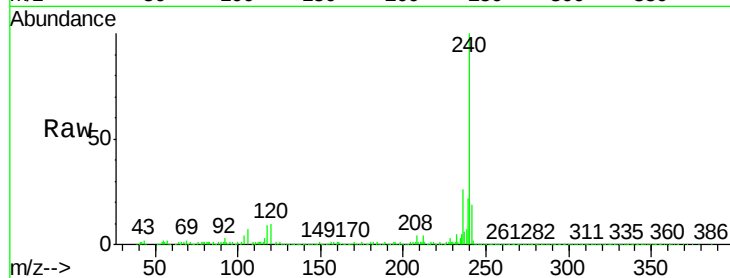
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2060
Delta R.T. 0.16 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	501355		
120	9.6	9.3	13.9	
236	25.7	21.2	31.8	

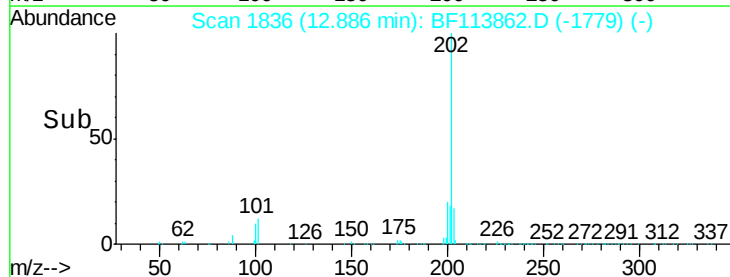
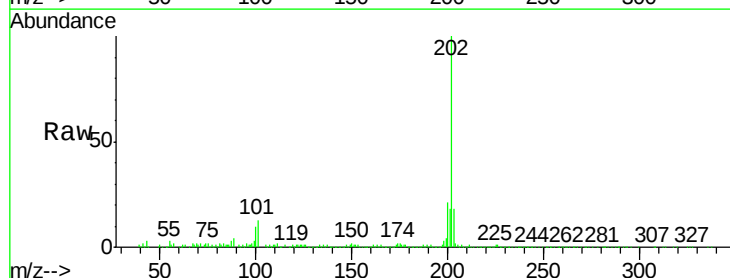
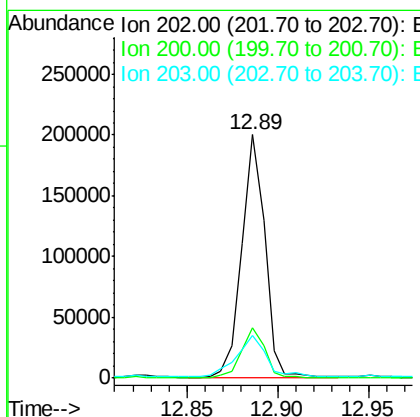
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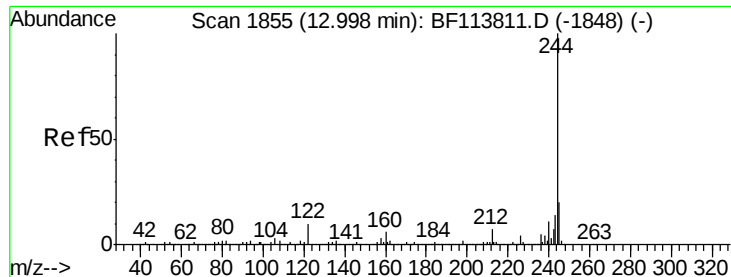
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#78
Pyrene
Concen: 5.016 ng
RT: 12.89 min Scan# 1836
Delta R.T. 0.04 min
Lab File: BF113862.D
Acq: 19 Apr 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	177239		
200	20.7	17.7	26.5	
203	17.7	15.0	22.6	





#79

Terphenyl-d14

Concen: 30.523 ng

RT: 13.04 min Scan# 1862

Delta R.T. 0.04 min

Lab File: BF113862.D

Acq: 19 Apr 2019 16:55

Instrument :

BNA_F

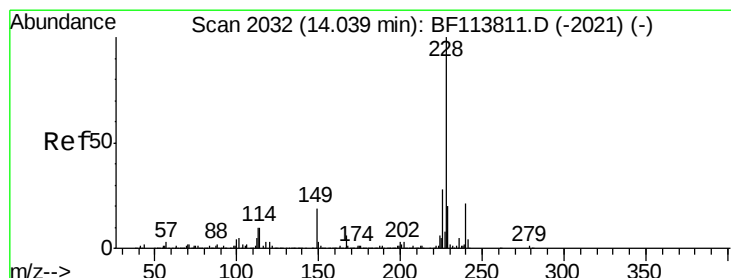
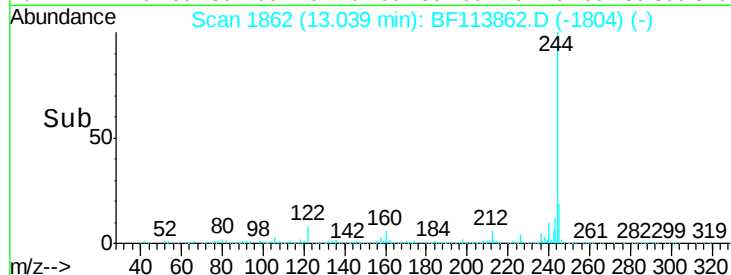
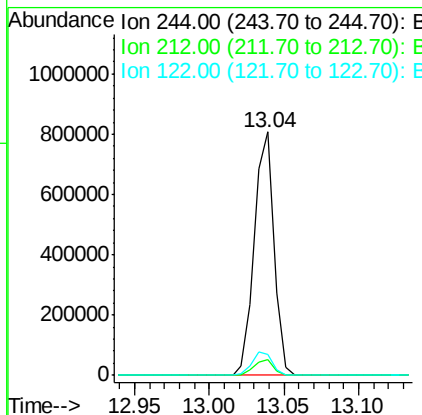
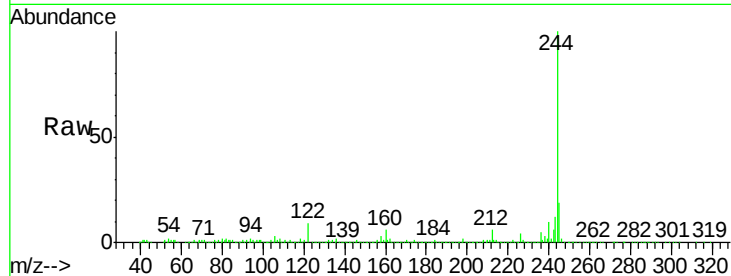
ClientSampleId :

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Tgt Ion:	244	Resp:	729778
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.2
122	8.5	7.6	11.4

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#81

Benzo(a)anthracene

Concen: 3.233 ng

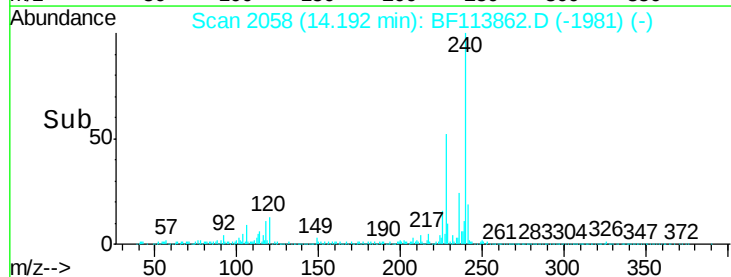
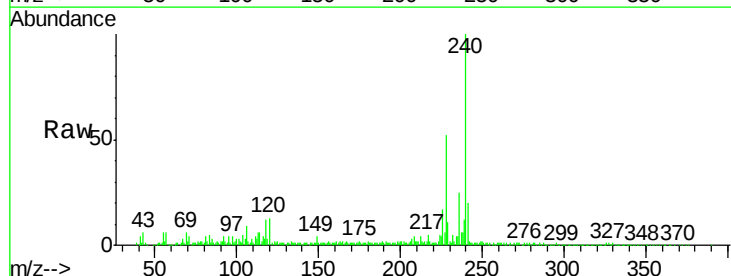
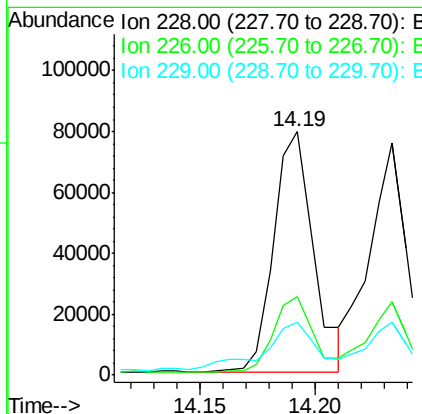
RT: 14.19 min Scan# 2058

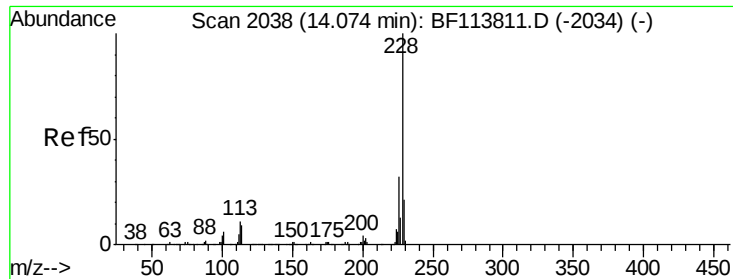
Delta R.T. 0.15 min

Lab File: BF113862.D

Acq: 19 Apr 2019 16:55

Tgt Ion:	228	Resp:	94753
Ion Ratio	Lower	Upper	
228	100		
226	32.0	22.2	33.2
229	21.8	16.0	24.0





#83

Chrysene

Concen: 2.860 ng

RT: 14.23 min Scan# 2065

Delta R.T. 0.16 min

Lab File: BF113862.D

Acq: 19 Apr 2019 16:55

Instrument :

BNA_F

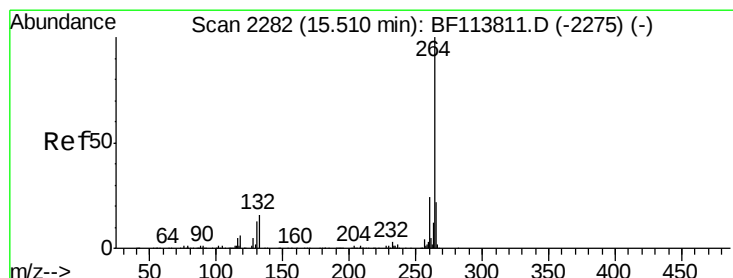
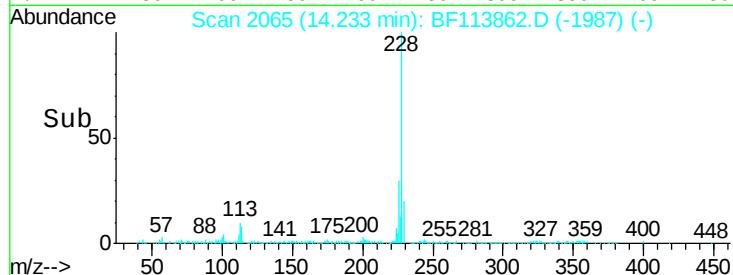
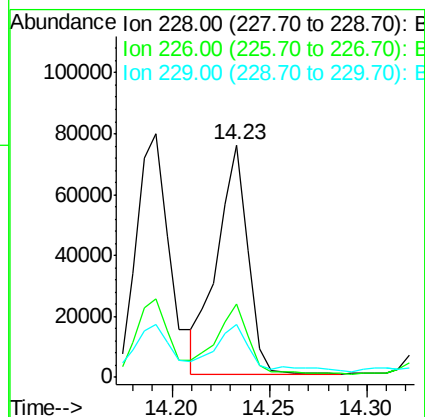
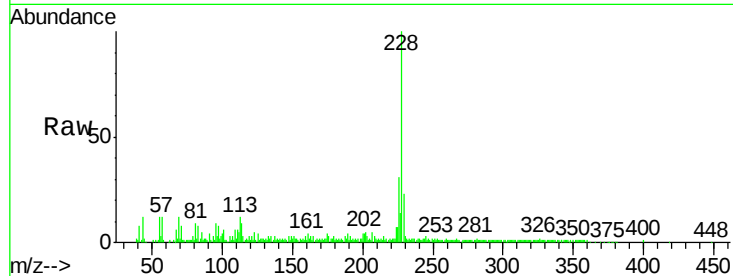
ClientSampled :

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Tgt Ion:	228	Resp:	83192
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.2	37.8
229	22.7	16.7	25.1

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#87

Perylene-d12

Concen: 20.000 ng

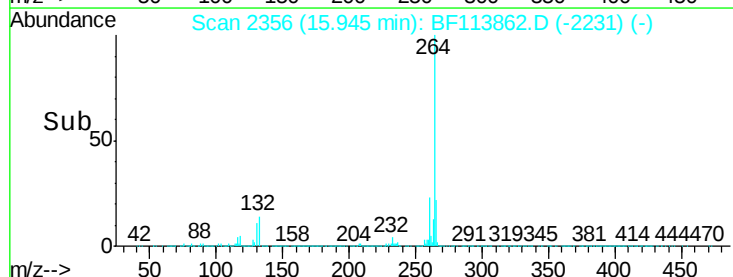
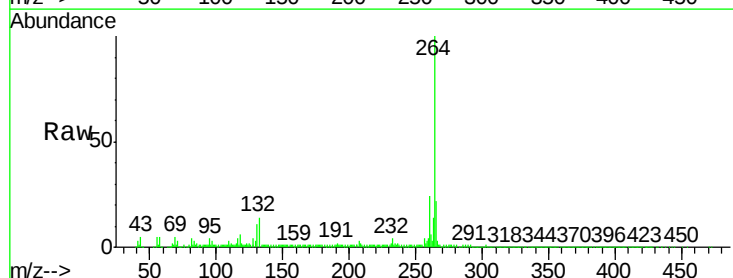
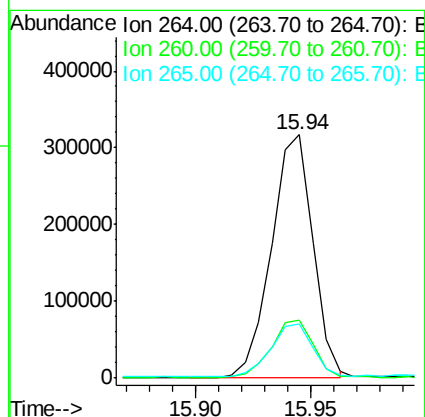
RT: 15.94 min Scan# 2356

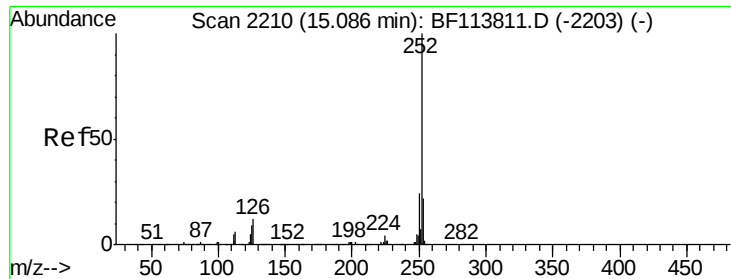
Delta R.T. 0.44 min

Lab File: BF113862.D

Acq: 19 Apr 2019 16:55

Tgt Ion:	264	Resp:	392808
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.9	28.3
265	22.1	17.3	25.9





#88

Benzo(b)fluoranthene

Concen: 3.848 ng m

RT: 15.47 min Scan# 2276

Delta R.T. 0.39 min

Lab File: BF113862.D

Acq: 19 Apr 2019 16:55

Instrument :

BNA_F

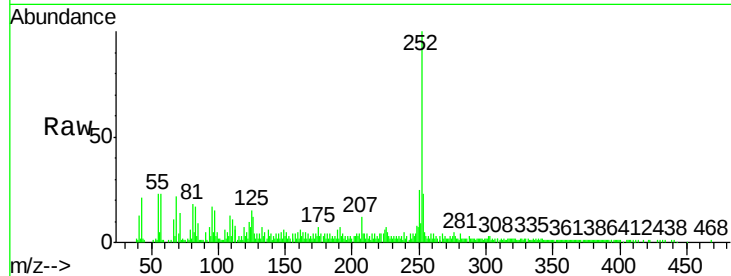
ClientSampleId :

SA-06-041819-B

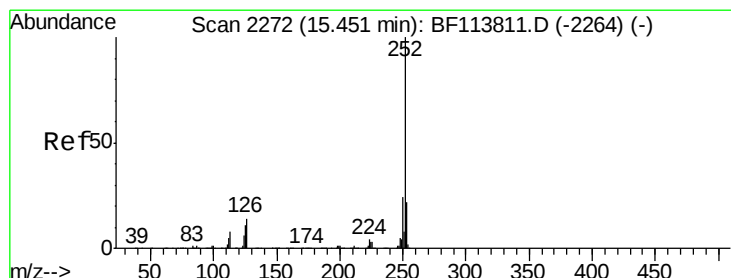
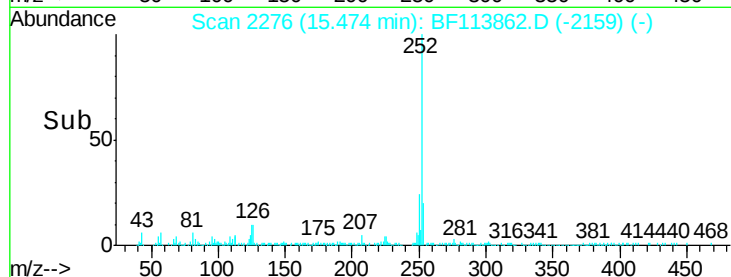
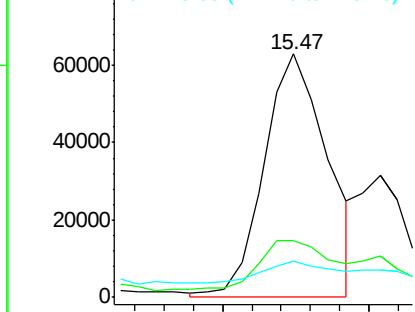
Tgt Ion:	252	Resp:	94233
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.6
125	14.9	7.0	10.6#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 3.253 ng m

RT: 15.87 min Scan# 2344

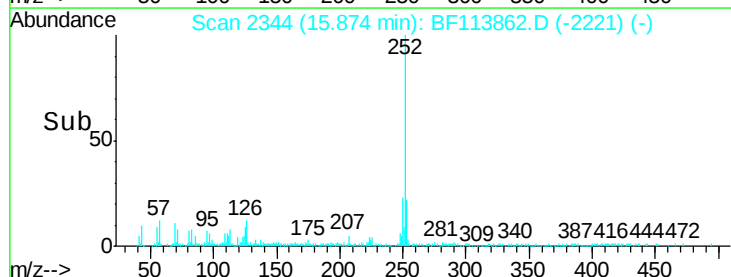
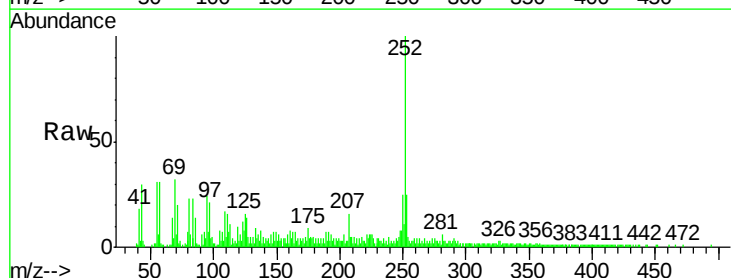
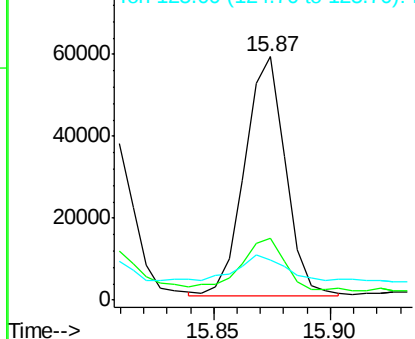
Delta R.T. 0.42 min

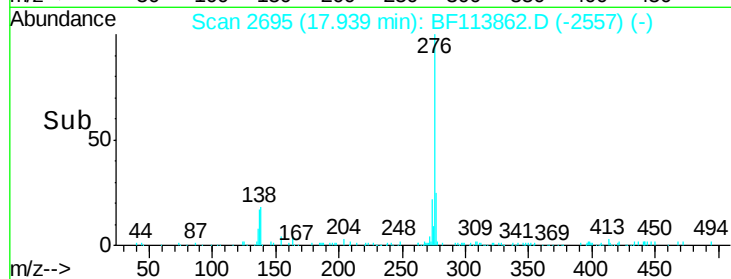
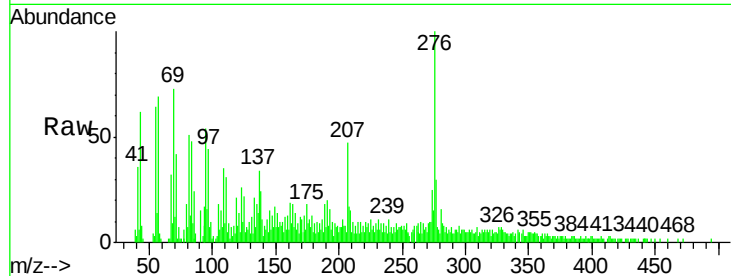
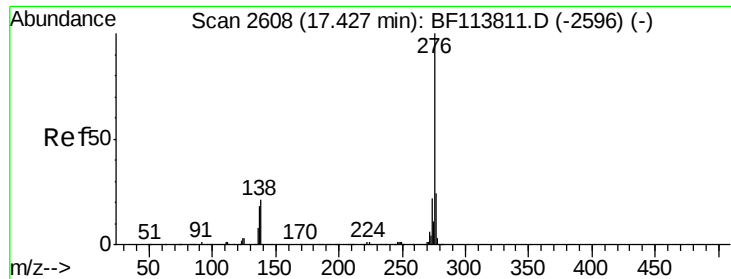
Lab File: BF113862.D

Acq: 19 Apr 2019 16:55

Tgt Ion:	252	Resp:	70429
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.5	26.3
125	16.2	8.5	12.7#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#92
 Benzo(g,h,i)perylene
 Concen: 2.127 ng
 RT: 17.94 min Scan# 2695
 Delta R.T. 0.51 min
 Lab File: BF113862.D
 Acq: 19 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-041819-B

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.2	19.0	28.4#
138	23.6	16.6	25.0

Manual Integrations
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