

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
 Data File : BF114352.D
 Acq On : 17 May 2019 16:20
 Operator : JU/SJ
 Sample : K2871-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(25.0-27)

Manual Integrations
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 5/21/2019 2:15:53 PM

Quant Time: May 18 05:25:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	200862	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	776562	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	363107	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	646503	20.00	ng	0.00
76) Chrysene-d12	14.03	240	436655	20.00	ng	0.01
87) Perylene-d12	15.54	264	461533	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1140486	91.37	ng	0.00
7) Phenol-d6	6.49	99	1560622	105.72	ng	0.00
23) Nitrobenzene-d5	7.41	82	911166	65.85	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	316984	84.44	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1368784	57.02	ng	0.00
79) Terphenyl-d14	12.96	244	1073353	50.67	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	215977	8.103	ng	Qvalue # 95
52) Acenaphthene	9.92	154	47827	2.171	ng	90
58) Fluorene	10.43	166	78115	3.130	ng	# 92
71) Phenanthrene	11.40	178	364526	11.589	ng	98
72) Anthracene	11.44	178	116878m	3.700	ng	
75) Fluoranthene	12.59	202	442685	13.070	ng	99
78) Pyrene	12.82	202	441140	12.559	ng	97
81) Benzo(a)anthracene	14.02	228	160118	5.669	ng	# 87
83) Chrysene	14.06	228	204004	7.369	ng	# 89
88) Benzo(b)fluoranthene	15.11	252	154315m	5.219	ng	
90) Benzo(a)pyrene	15.48	252	98457	3.784	ng	# 60

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

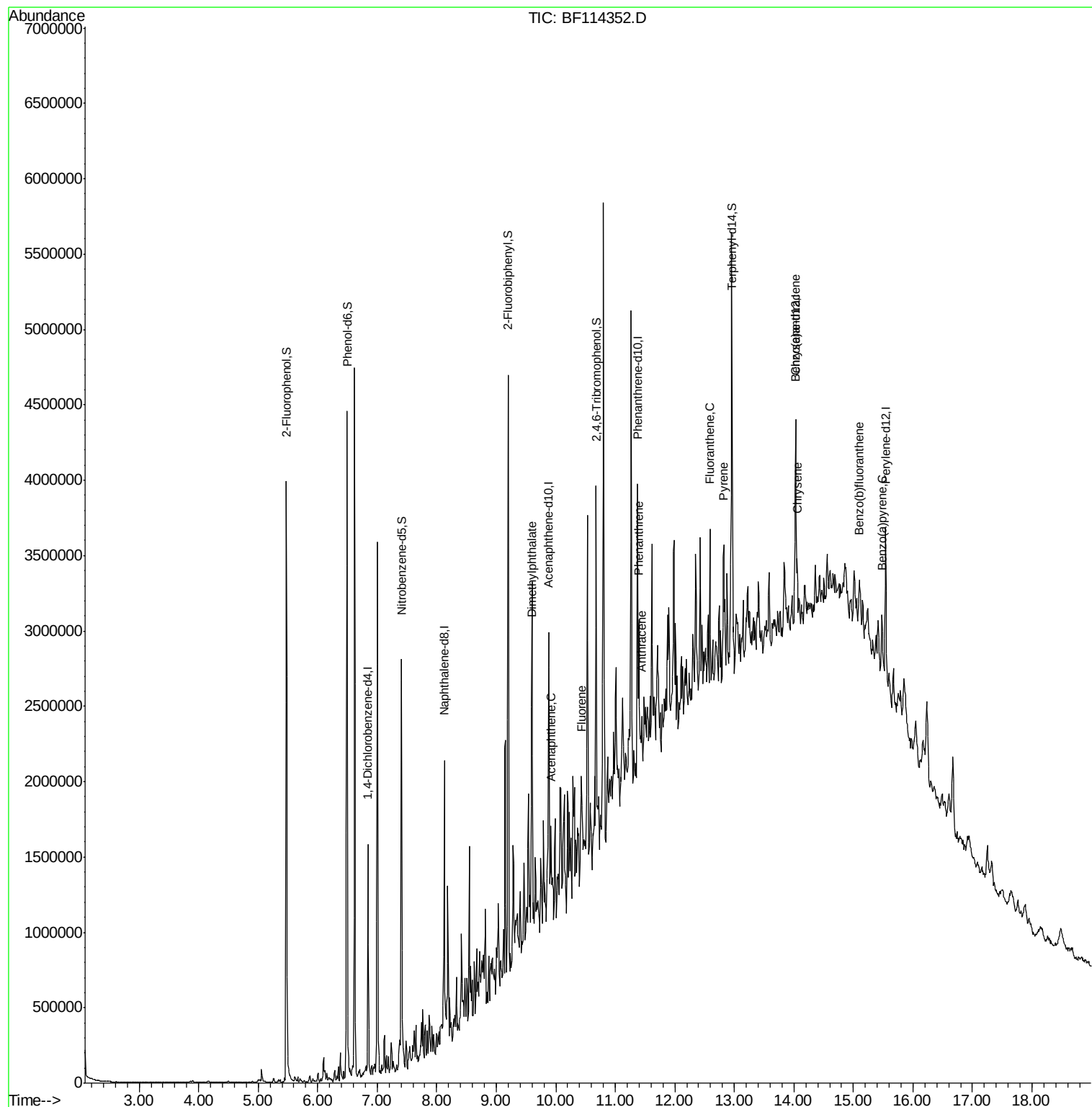
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114352.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

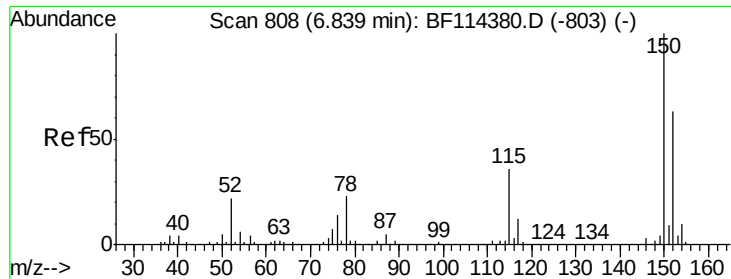
Instrument :
BNA_F
ClientSampleId :
SB-04(25.0-27)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

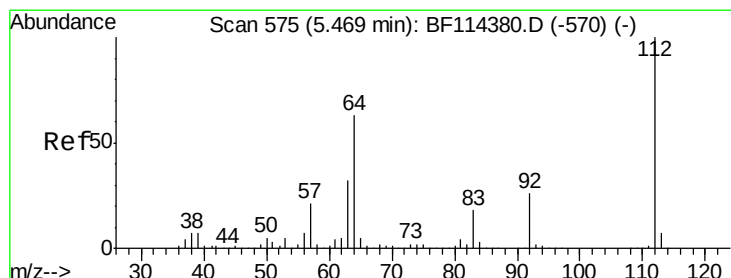
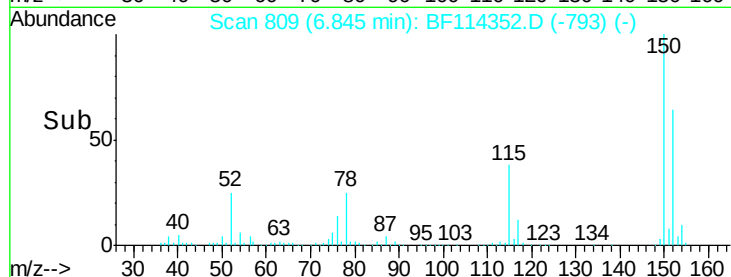
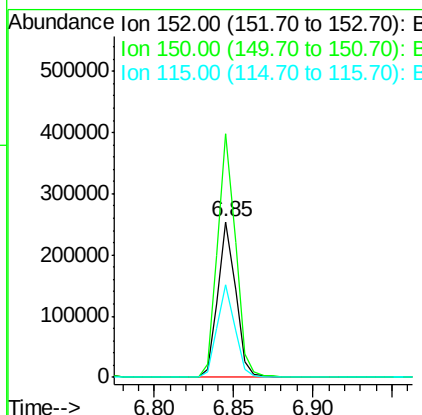
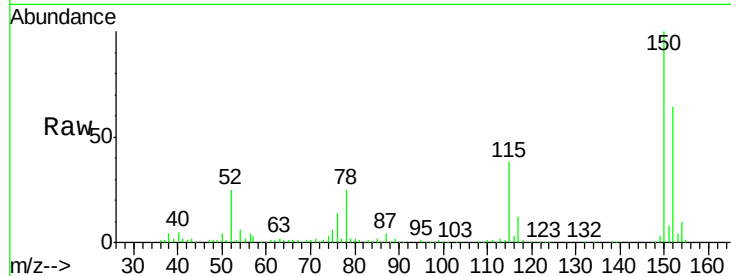
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Instrument :
BNA_F
ClientSampled :
SB-04(25.0-27)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.3	186.5
115	59.7	49.1	73.7

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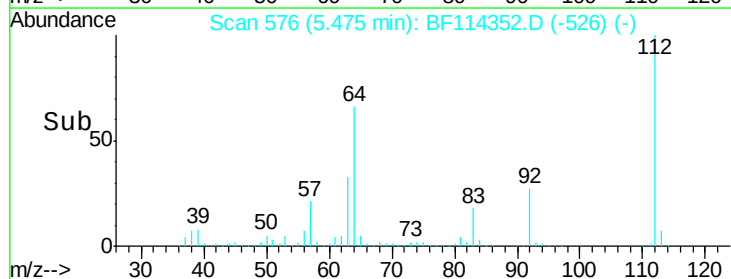
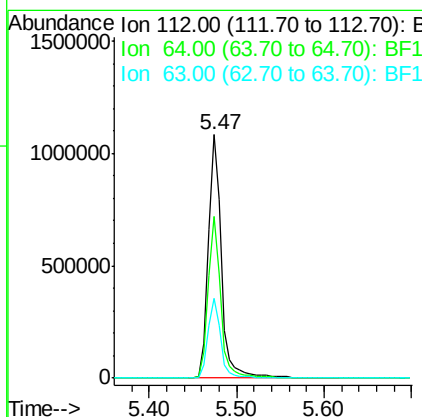
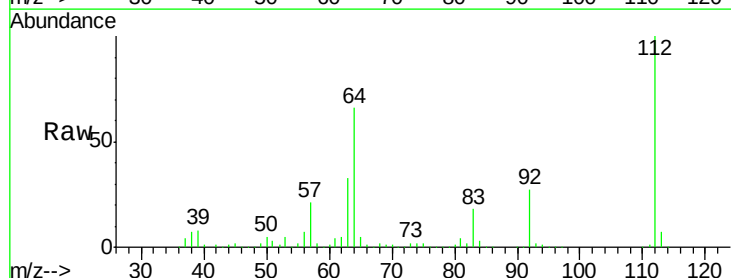
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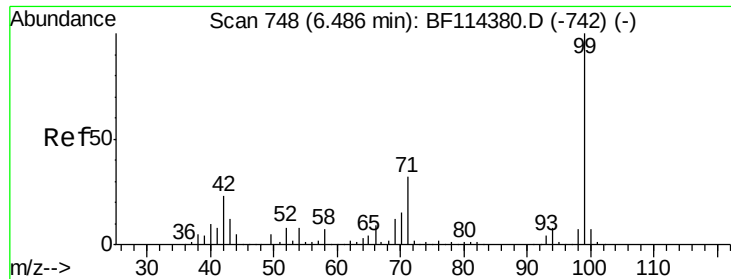


#5

2-Fluorophenol
Concen: 91.373 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	49.0	73.6
63	32.8	24.6	37.0





#7

Phenol-d6

Concen: 105.716 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114352.D

Acq: 17 May 2019 16:20

Instrument :

BNA_F

ClientSampleId :

SB-04(25.0-27)

Tgt Ion: 99 Resp: 1560622

Ion Ratio Lower Upper

99 100

42 21.7 17.9 26.9

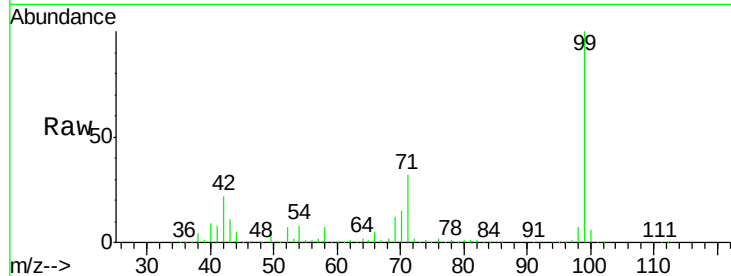
71 32.3 26.2 39.2

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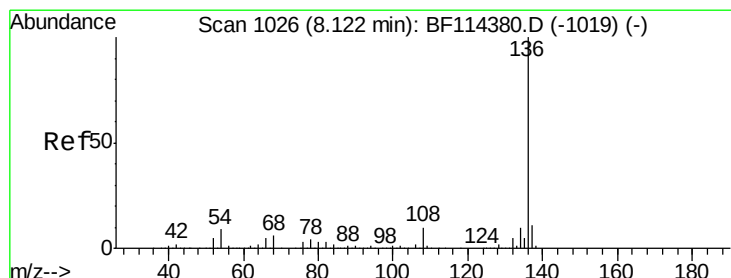
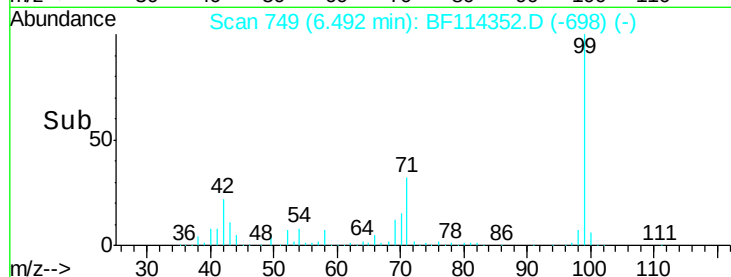
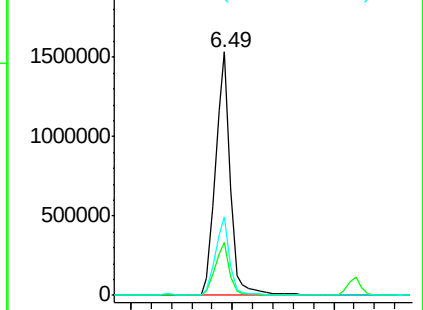
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114352.D

Acq: 17 May 2019 16:20

Tgt Ion: 136 Resp: 776562

Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.5 7.8 11.8

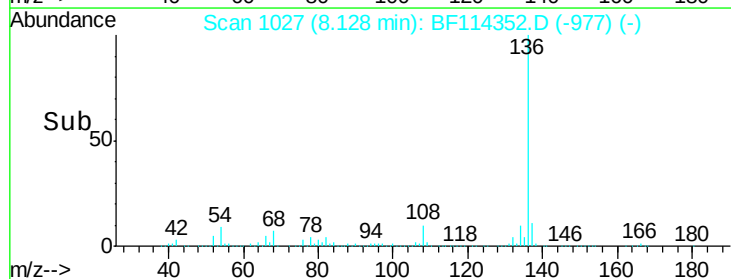
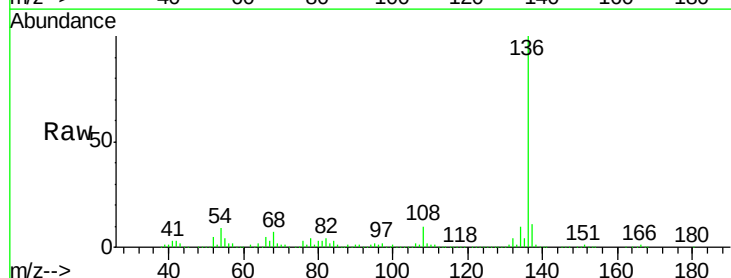
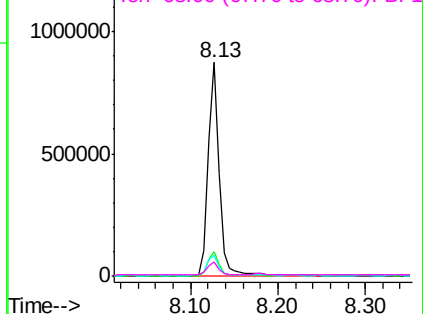
68 6.8 5.1 7.7

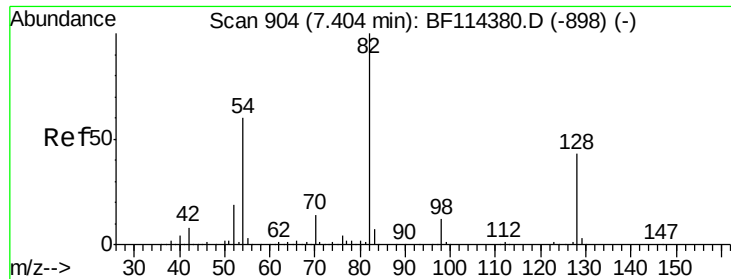
Abundance Ion 136.00 (135.70 to 136.70): E

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





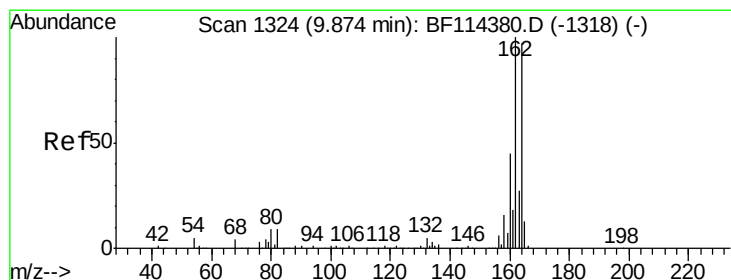
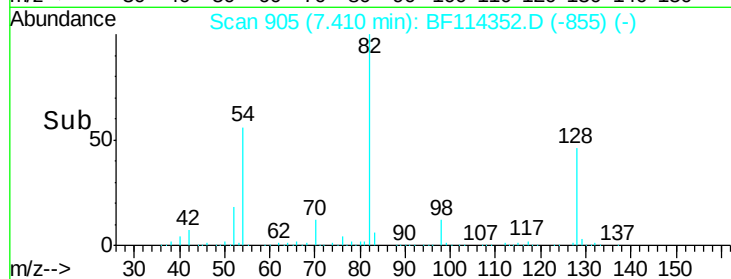
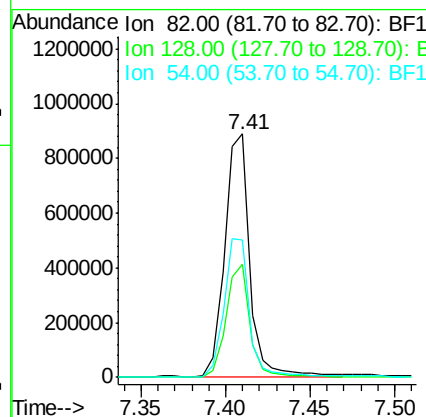
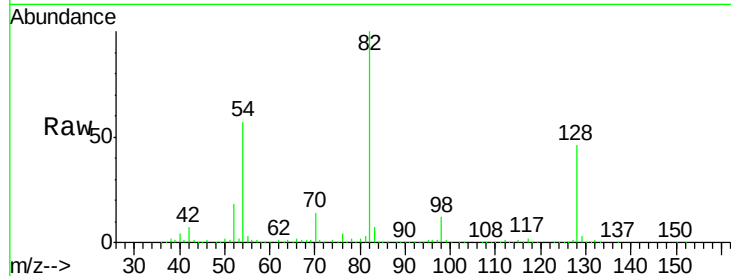
#23
 Nitrobenzene-d5
 Concen: 65.848 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114352.D
 Acq: 17 May 2019 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(25.0-27)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	911166		
128	46.4	35.5	53.3	
54	56.5	48.5	72.7	

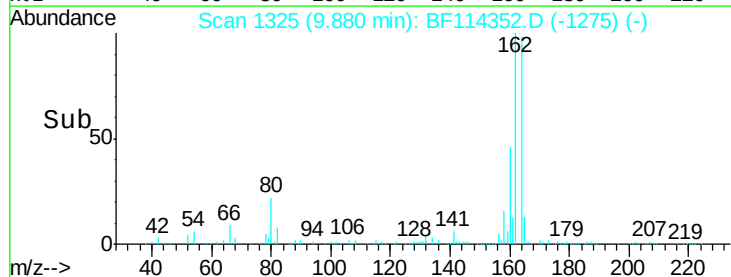
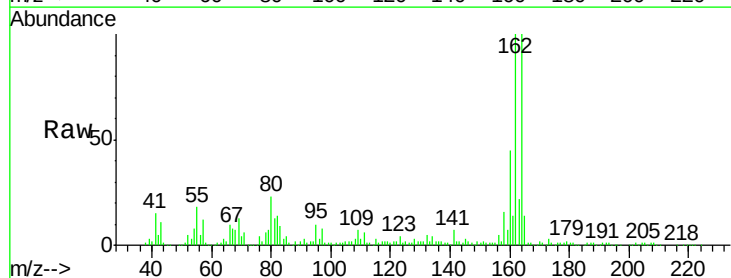
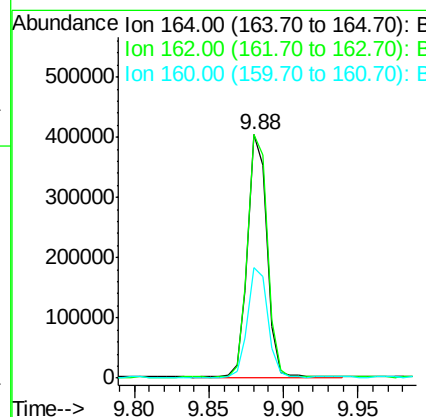
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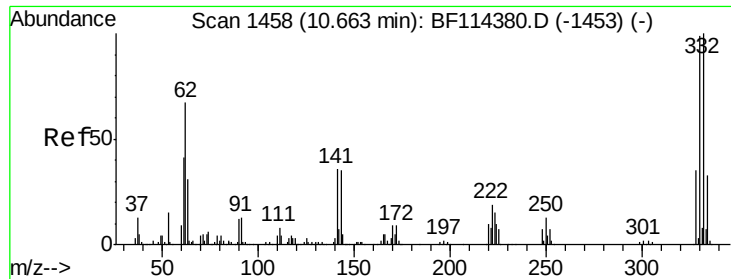
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF114352.D
 Acq: 17 May 2019 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	363107		
162	100.1	80.6	120.8	
160	45.5	36.5	54.7	





#42

2,4,6-Tribromophenol

Concen: 84.441 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114352.D

Acq: 17 May 2019 16:20

Instrument :

BNA_F

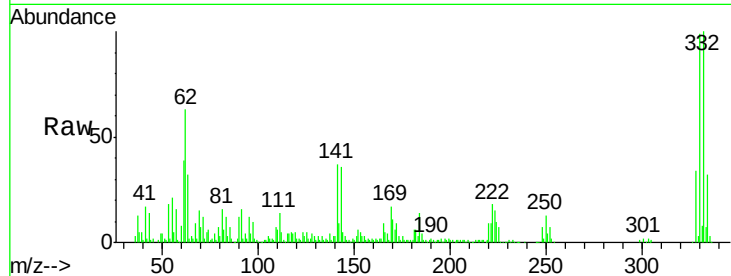
ClientSampleId :

SB-04(25.0-27)

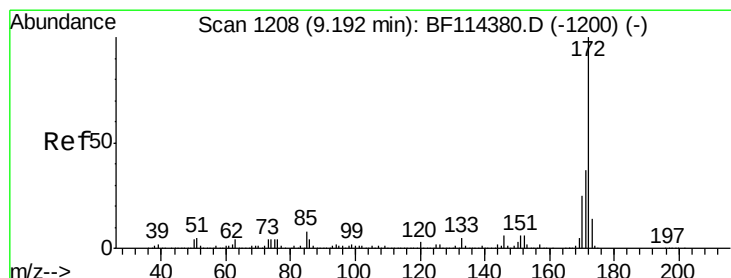
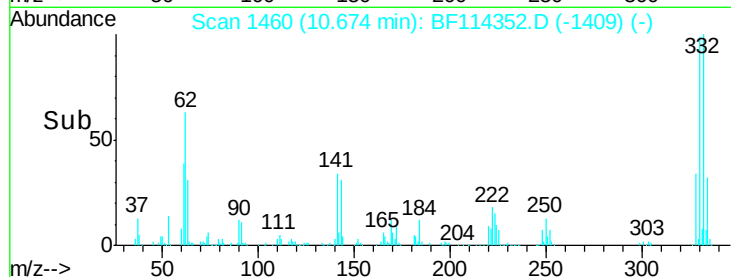
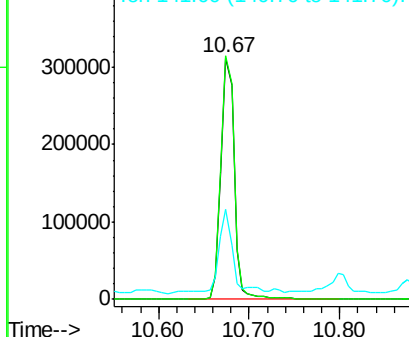
Tgt Ion:	330	Resp:	316984
Ion Ratio	Lower	Upper	
330	100		
332	101.5	81.4	122.2
141	30.8	26.6	40.0

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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: 57.022 ng

RT: 9.20 min Scan# 1210

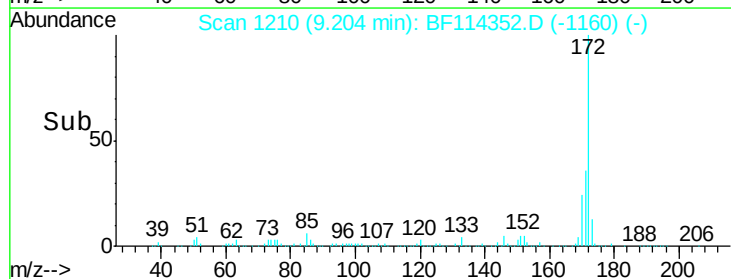
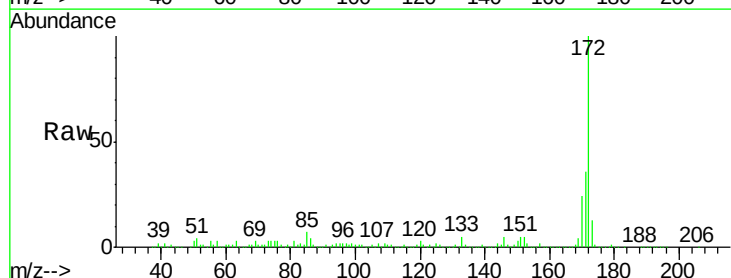
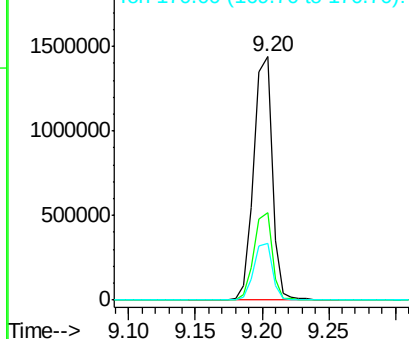
Delta R.T. -0.01 min

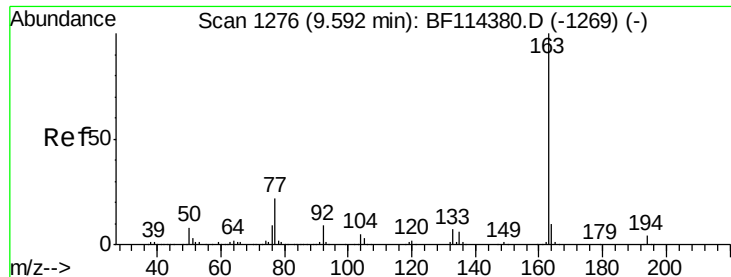
Lab File: BF114352.D

Acq: 17 May 2019 16:20

Tgt Ion:	172	Resp:	1368784
Ion Ratio	Lower	Upper	
172	100		
171	35.8	30.7	46.1
170	23.5	20.5	30.7

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: 8.103 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF114352.D

Acq: 17 May 2019 16:20

Instrument :

BNA_F

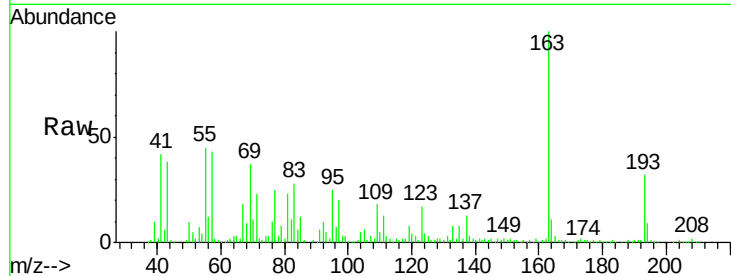
ClientSampleId :

SB-04(25.0-27)

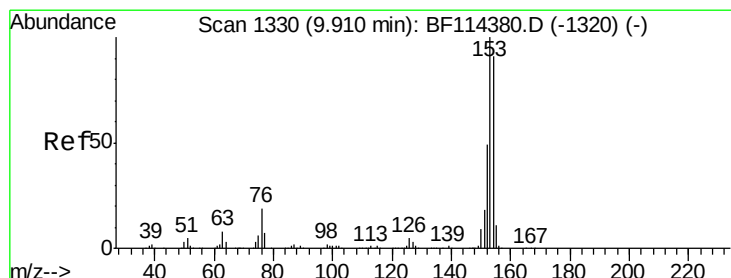
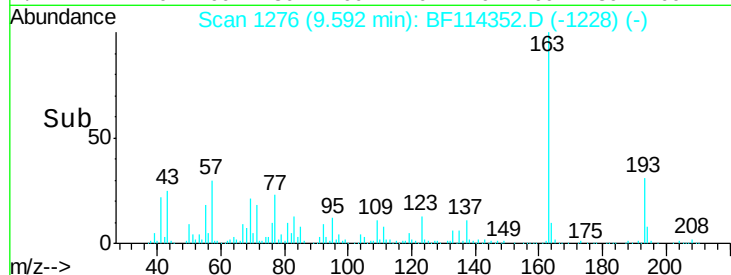
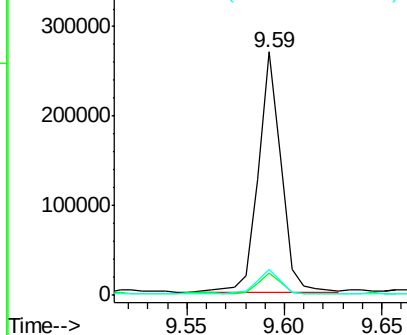
Tgt Ion:	163	Resp:	215977
Ion Ratio	Lower	Upper	
163	100		
194	8.9	3.4	5.0#
164	10.6	8.2	12.2

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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



#52

Acenaphthene

Concen: 2.171 ng

RT: 9.92 min Scan# 1331

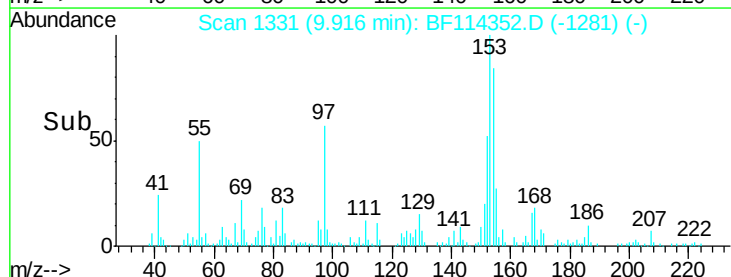
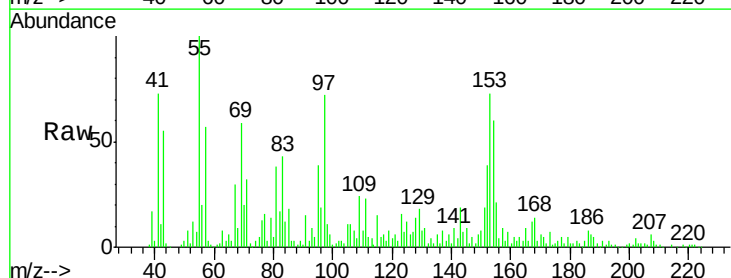
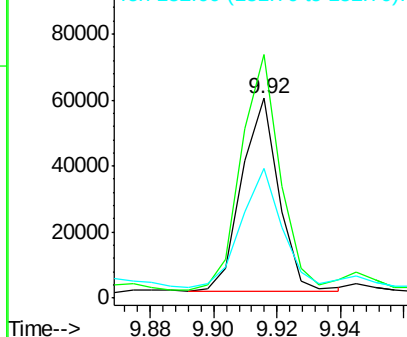
Delta R.T. -0.01 min

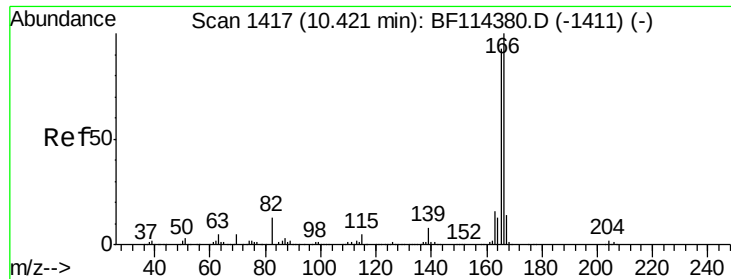
Lab File: BF114352.D

Acq: 17 May 2019 16:20

Tgt Ion:	154	Resp:	47827
Ion Ratio	Lower	Upper	
154	100		
153	121.8	90.5	135.7
152	64.6	43.4	65.2

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





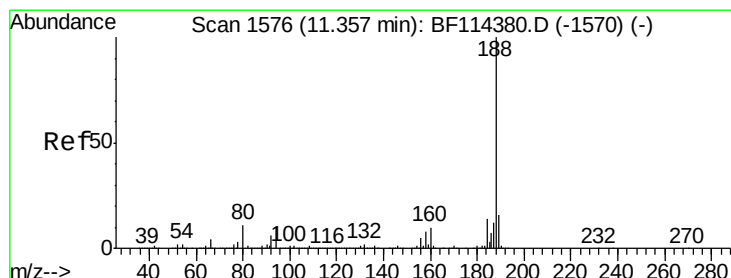
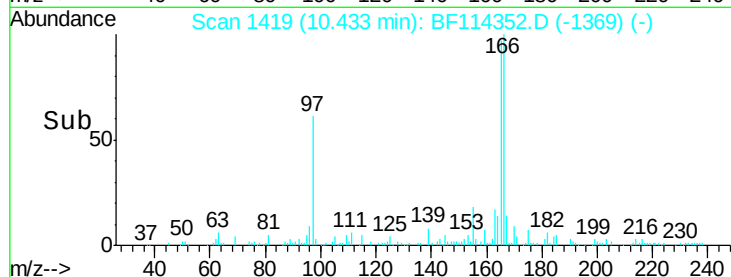
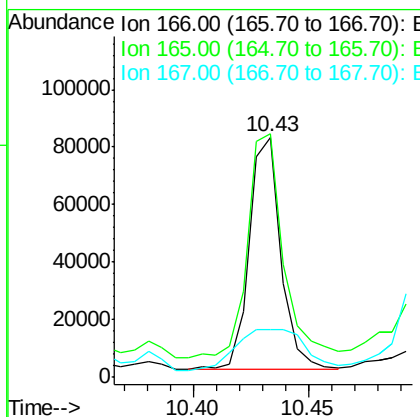
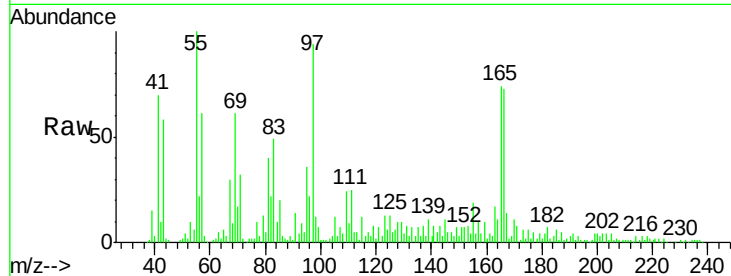
#58
 Fluorene
 Concen: 3.130 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF114352.D
 Acq: 17 May 2019 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(25.0-27)

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	78115		
165	101.5	76.1	114.1	
167	19.7	11.1	16.7#	

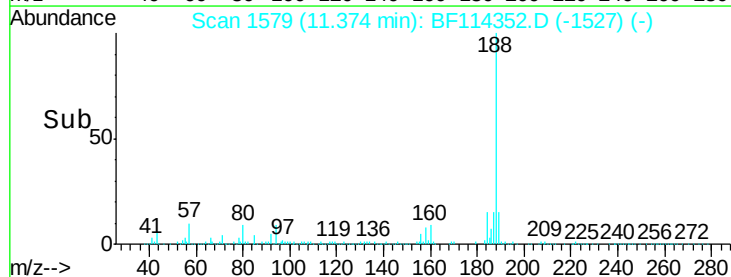
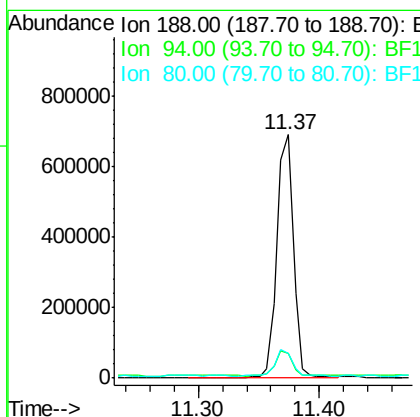
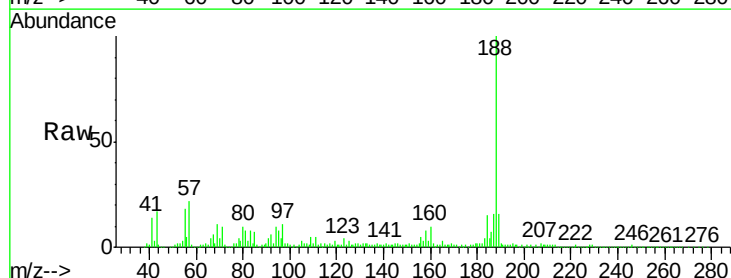
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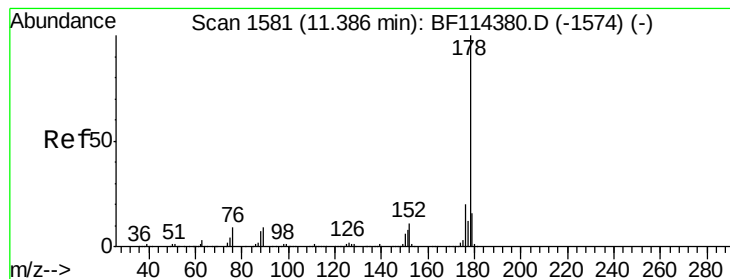
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: BF114352.D
 Acq: 17 May 2019 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	646503		
94	10.1	8.4	12.6	
80	10.4	9.2	13.8	





#71

Phenanthrene

Concen: 11.589 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF114352.D

Acq: 17 May 2019 16:20

Instrument :

BNA_F

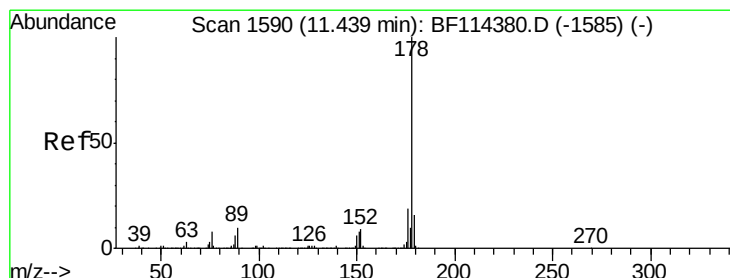
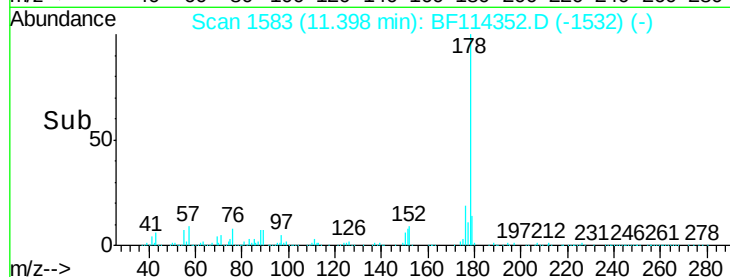
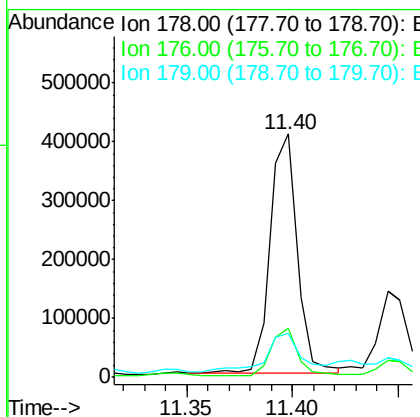
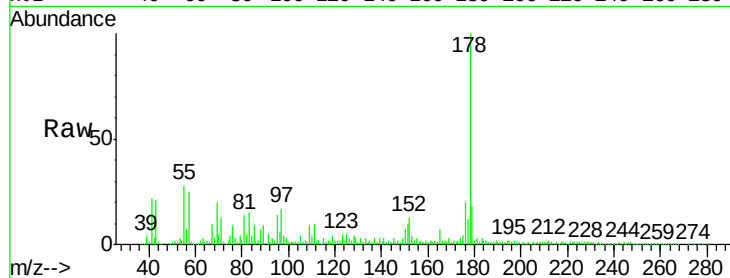
ClientSampled :

SB-04(25.0-27)

Tgt Ion:	178	Resp:	364526
Ion Ratio	Lower	Upper	
178	100		
176	20.0	16.4	24.6
179	18.2	13.2	19.8

Manual Integrations
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#72

Anthracene

Concen: 3.700 ng m

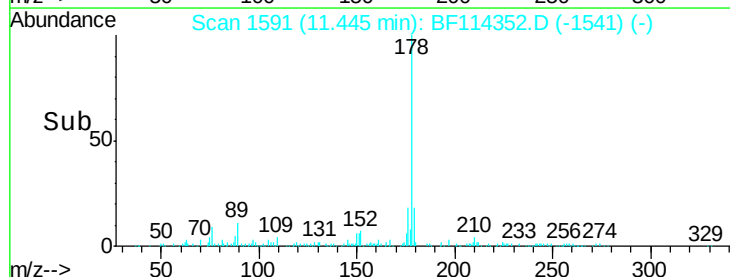
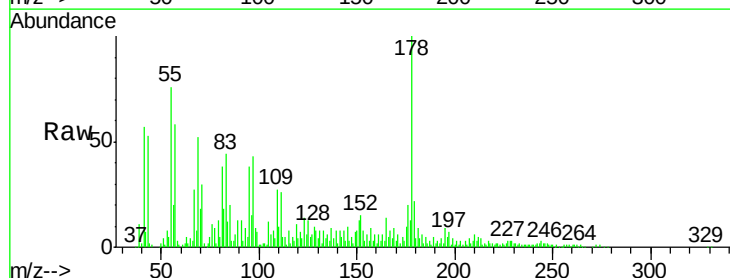
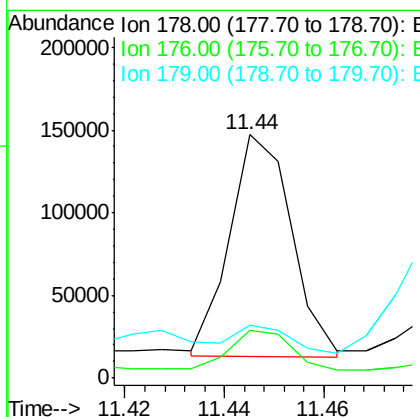
RT: 11.44 min Scan# 1591

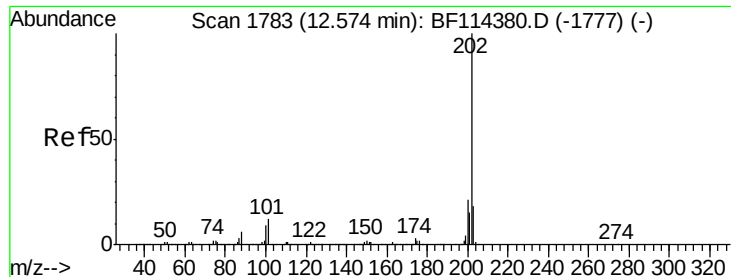
Delta R.T. -0.01 min

Lab File: BF114352.D

Acq: 17 May 2019 16:20

Tgt Ion:	178	Resp:	116878
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.8	23.8
179	22.0	13.0	19.4#





#75

Fluoranthene

Concen: 13.070 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF114352.D

Acq: 17 May 2019 16:20

Instrument :

BNA_F

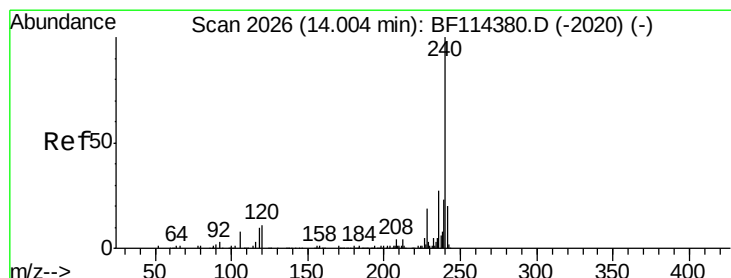
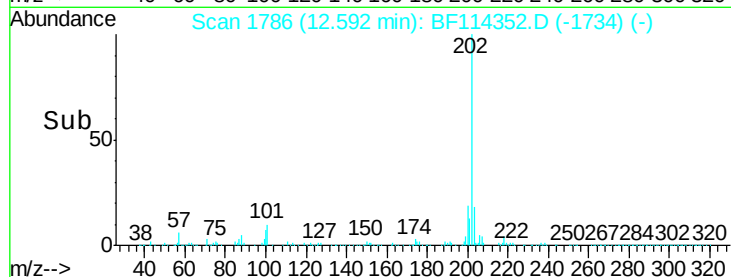
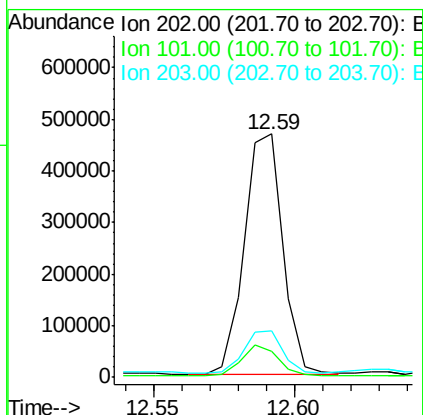
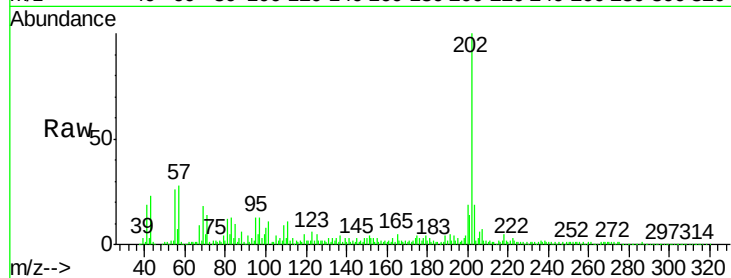
ClientSampleId :

SB-04(25.0-27)

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	442685		
101	10.8	0.0	31.0	
203	19.0	0.0	38.4	

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#76

Chrysene-d12

Concen: 20.000 ng

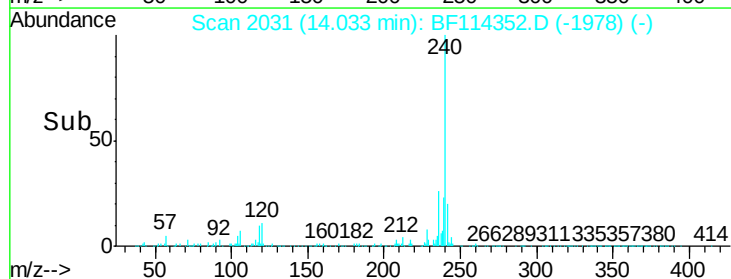
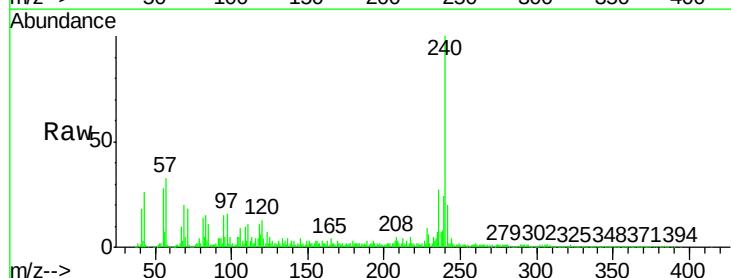
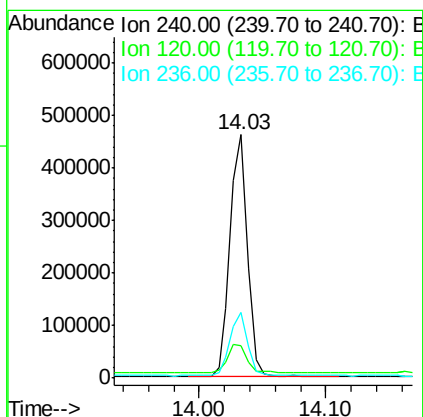
RT: 14.03 min Scan# 2031

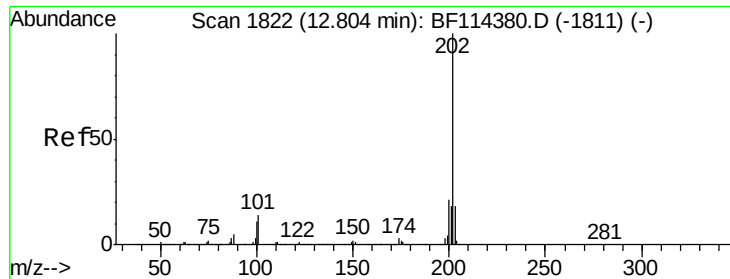
Delta R.T. 0.01 min

Lab File: BF114352.D

Acq: 17 May 2019 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	436655		
120	13.3	8.3	12.5#	
236	27.0	20.8	31.2	





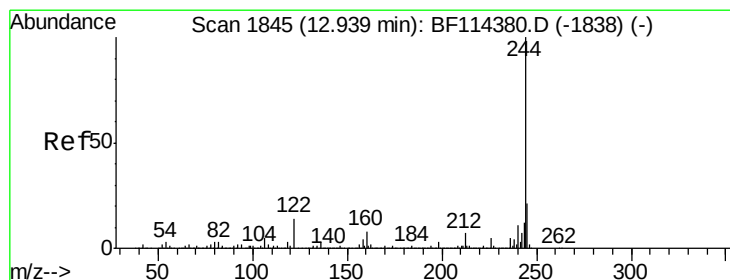
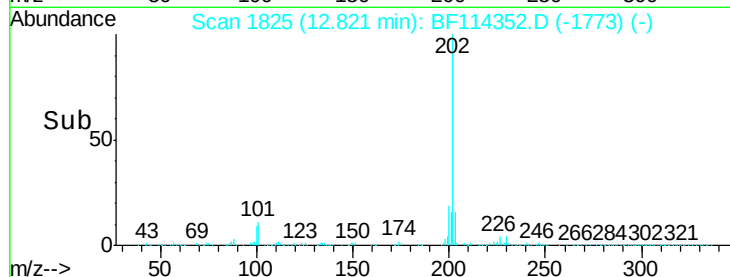
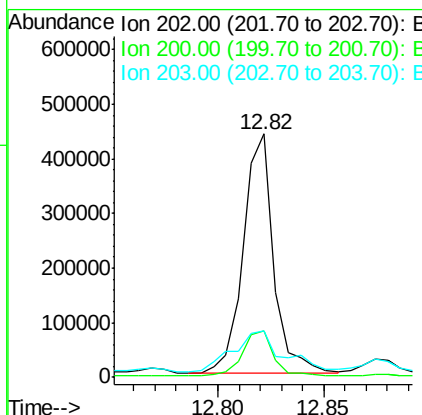
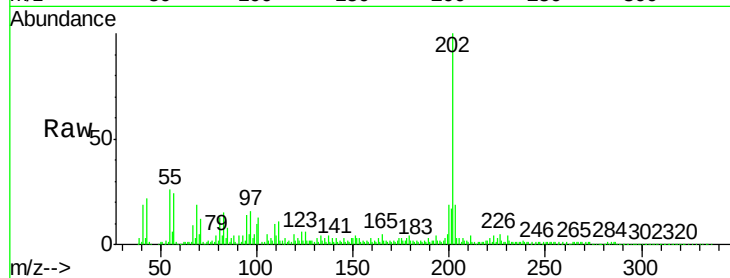
#78
 Pyrene
 Concen: 12.559 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BF114352.D
 Acq: 17 May 2019 16:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(25.0-27)

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	19.4	16.9	25.3	
203	18.9	14.5	21.7	

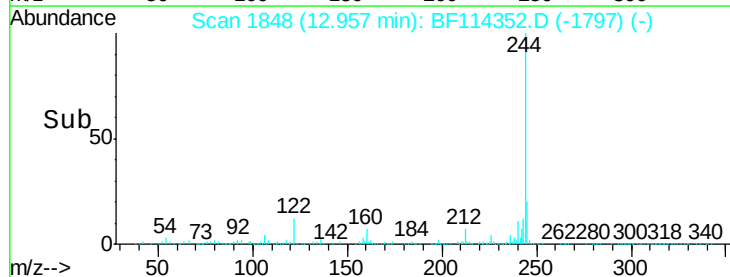
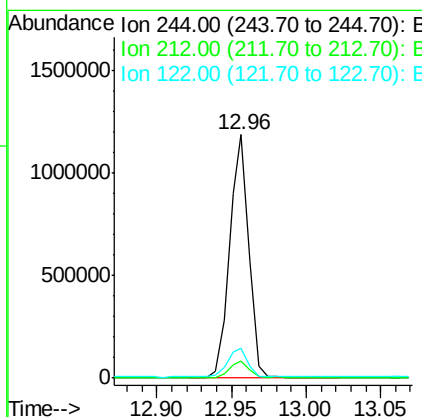
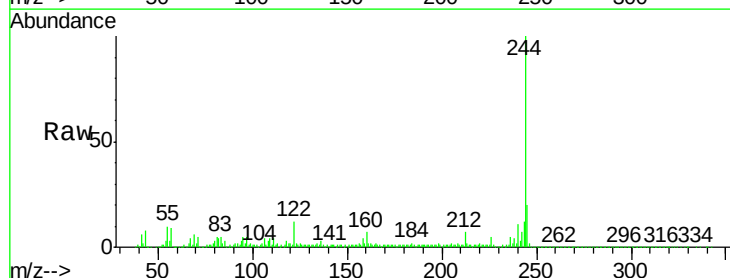
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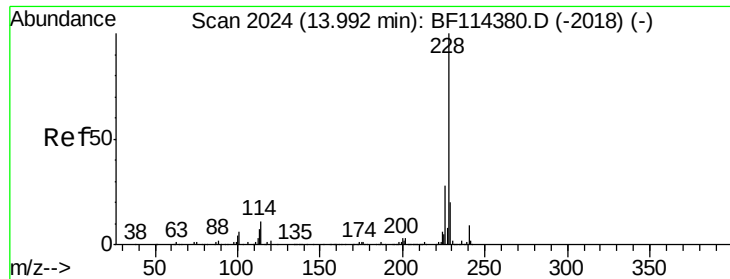
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#79
 Terphenyl-d14
 Concen: 50.673 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF114352.D
 Acq: 17 May 2019 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.0	5.8	8.6	
122	12.0	9.4	14.2	





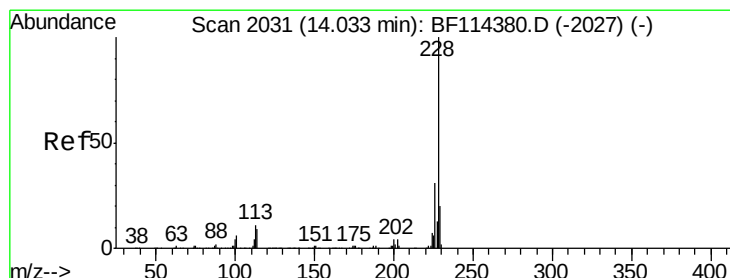
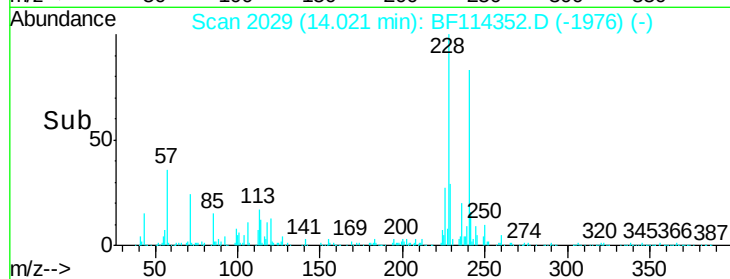
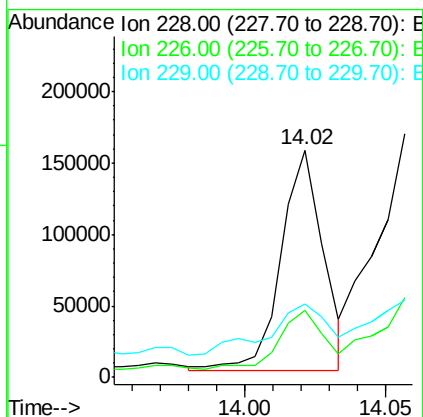
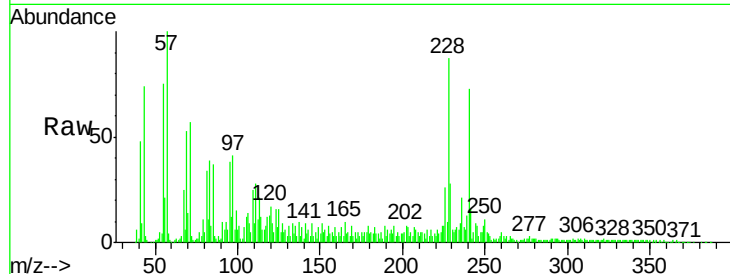
#81
Benzo(a)anthracene
Concen: 5.669 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Instrument :
BNA_F
ClientSampleId :
SB-04(25.0-27)

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	160118		
226	29.3	22.2	33.2	
229	32.4	16.4	24.6	

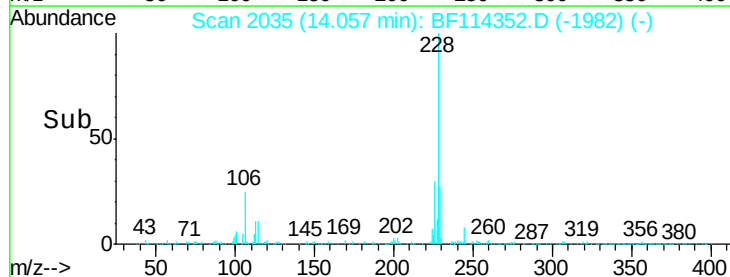
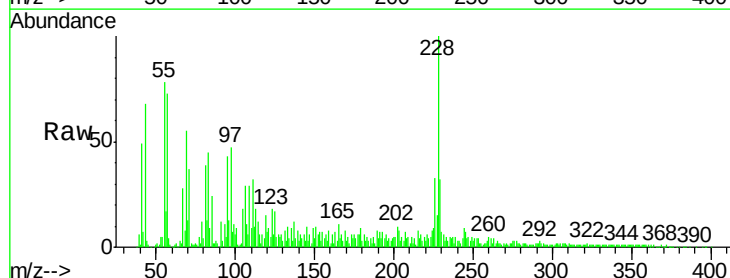
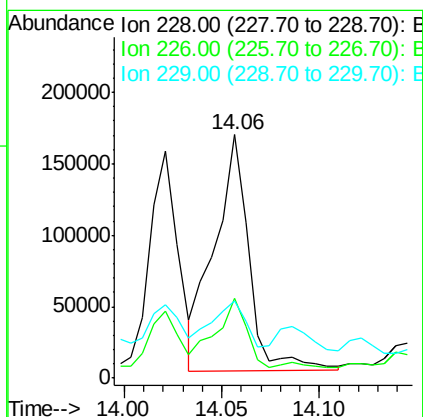
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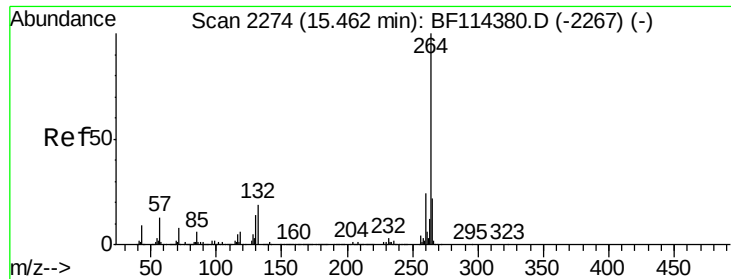
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#83
Chrysene
Concen: 7.369 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF114352.D
Acq: 17 May 2019 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	204004		
226	32.9	25.0	37.6	
229	31.8	17.0	25.6	





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.04 min

Lab File: BF114352.D

Acq: 17 May 2019 16:20

Instrument :

BNA_F

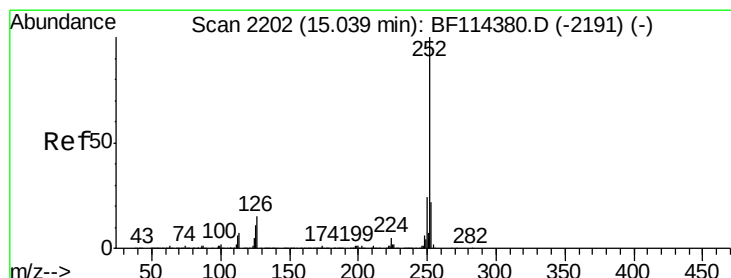
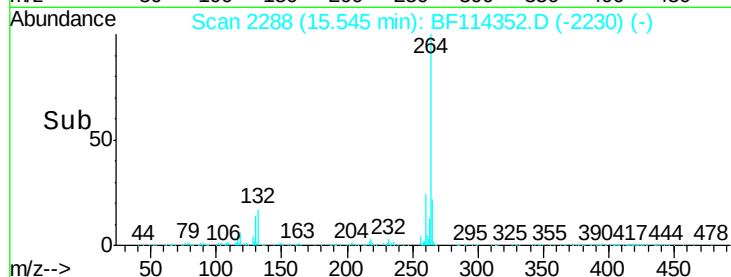
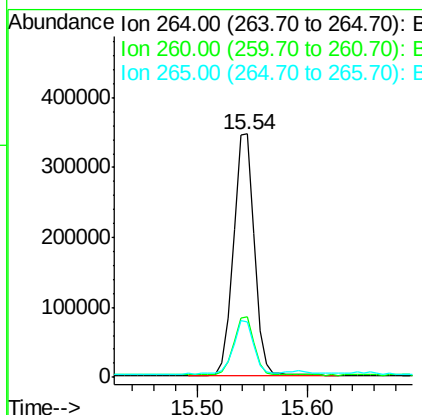
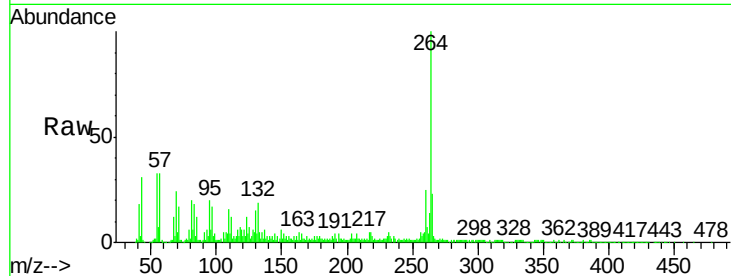
ClientSampleId :

SB-04(25.0-27)

Tgt Ion:	264	Resp:	461533
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.4	29.0
265	22.7	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 5.219 ng m

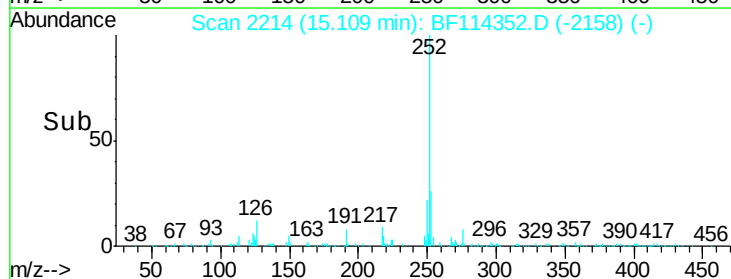
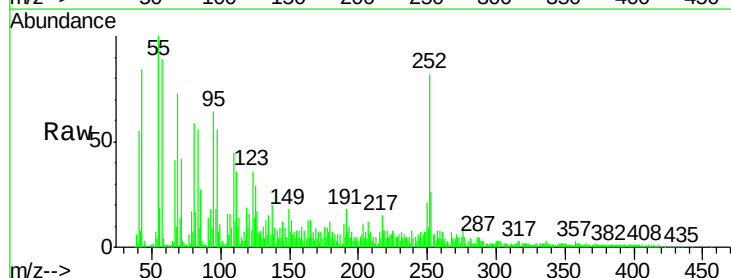
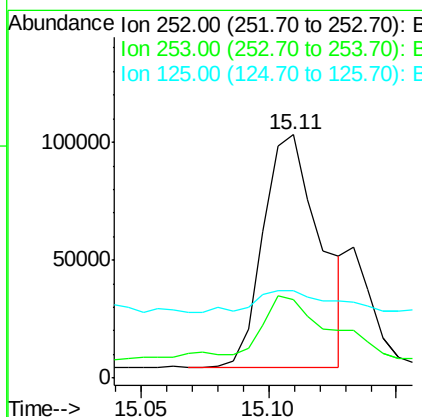
RT: 15.11 min Scan# 2214

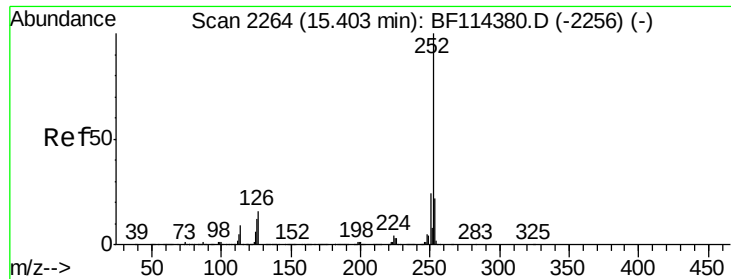
Delta R.T. 0.03 min

Lab File: BF114352.D

Acq: 17 May 2019 16:20

Tgt Ion:	252	Resp:	154315
Ion Ratio	Lower	Upper	
252	100		
253	32.4	17.8	26.8#
125	36.0	8.3	12.5#





#90

Benzo(a)pyrene

Concen: 3.784 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.04 min

Lab File: BF114352.D

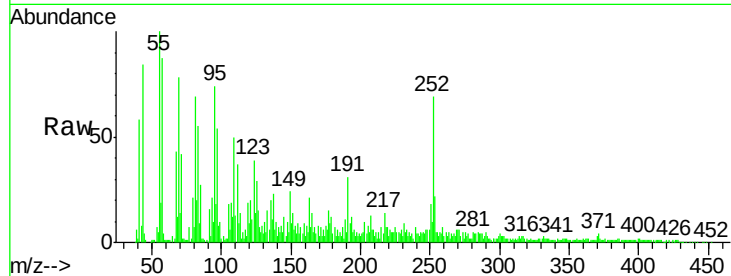
Acq: 17 May 2019 16:20

Instrument :

BNA_F

ClientSampleId :

SB-04(25.0-27)



Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.8	18.1	27.1#
125	42.2	9.5	14.3#

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