

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113408.D
 Acq On : 29 Mar 2019 11:49
 Operator : JU/SJ
 Sample : K2155-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0328-S-DH-5-B

Manual Integrations
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 4/1/2019 5:46:24 PM

Quant Time: Mar 29 13:08:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	180964	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	696507	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	341589	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	682088	20.00	ng	0.00
76) Chrysene-d12	13.84	240	500315	20.00	ng	0.00
87) Perylene-d12	15.24	264	501589	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1245538	112.54	ng	0.00
7) Phenol-d6	6.36	99	1624062	116.00	ng	0.00
23) Nitrobenzene-d5	7.27	82	1016484	86.62	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	484354	114.79	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1684836	75.29	ng	0.00
79) Terphenyl-d14	12.80	244	1718764	75.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	117701	4.650	ng	Qvalue 100
71) Phenanthrene	11.23	178	130540	3.854	ng	98
74) Di-n-butylphthalate	11.77	149	83277	2.187	ng	98
75) Fluoranthene	12.42	202	220968	5.771	ng	97
78) Pyrene	12.65	202	199276	5.748	ng	99
81) Benzo(a)anthracene	13.83	228	81589	2.849	ng	99
83) Chrysene	13.86	228	73485	2.526	ng	97
84) Bis(2-ethylhexyl)phthalate	13.82	149	57507	3.070	ng	96
86) Indeno(1,2,3-cd)pyrene	16.60	276	56564	2.266	ng	93
88) Benzo(b)fluoranthene	14.85	252	92664m	2.974	ng	
90) Benzo(a)pyrene	15.19	252	72353	2.619	ng	# 96
92) Benzo(g,h,i)perylene	17.00	276	53490	2.221	ng	98

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

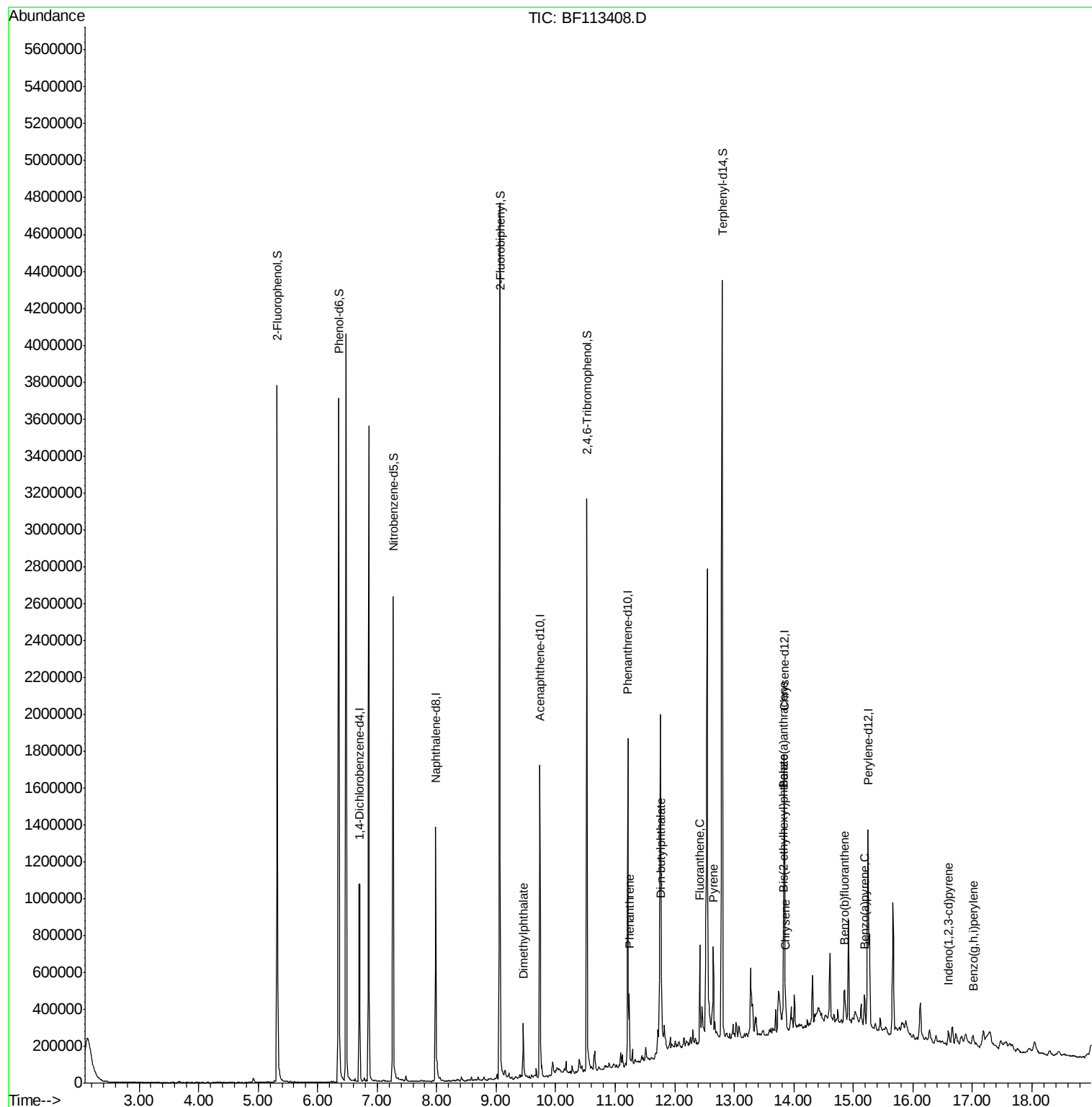
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113408.D
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#1

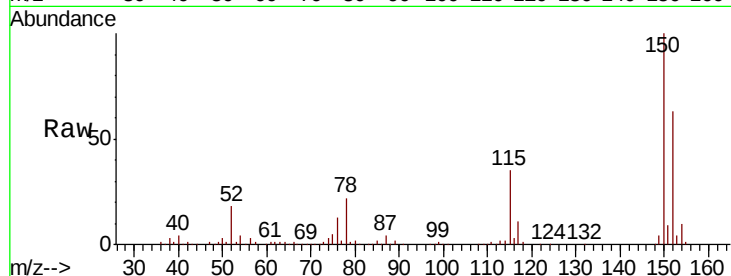
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113408.D
Acq: 29 Mar 2019 11:49

Instrument :
BNA_F
ClientSampleId :
SSSI-0328-S-DH-5-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.7	187.1
115	54.9	46.0	69.0

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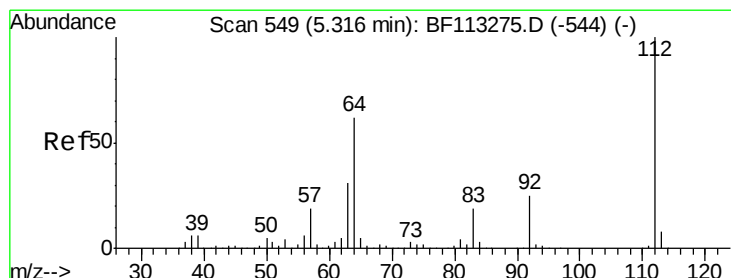
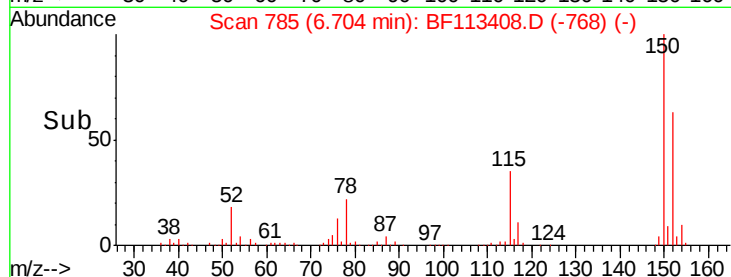
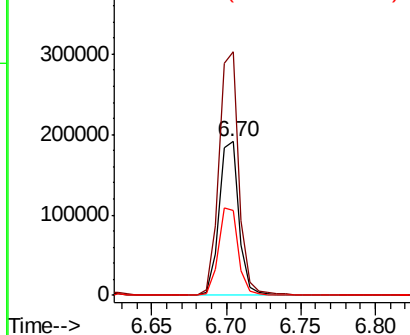


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

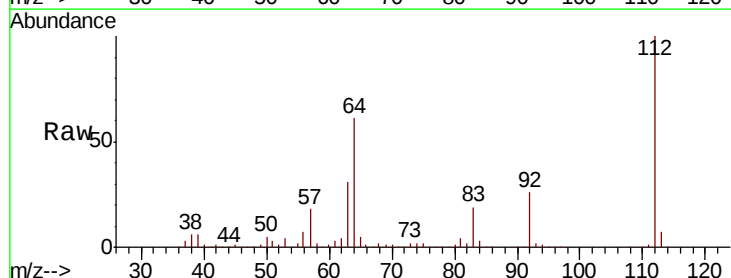
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.542 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113408.D
Acq: 29 Mar 2019 11:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	49.2	73.8
63	30.8	24.9	37.3

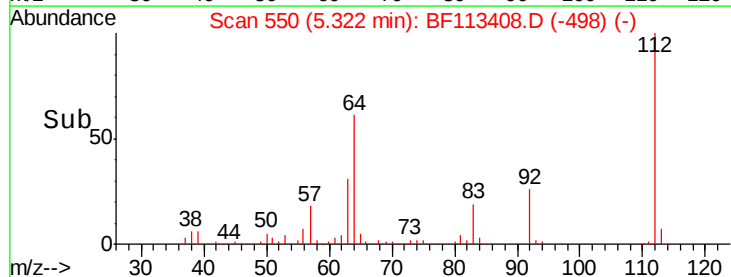
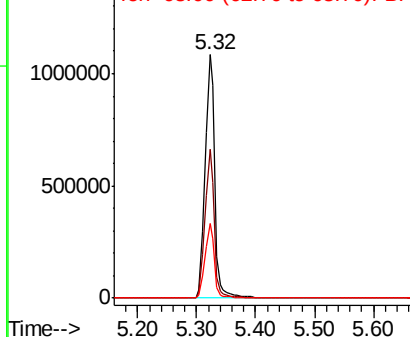


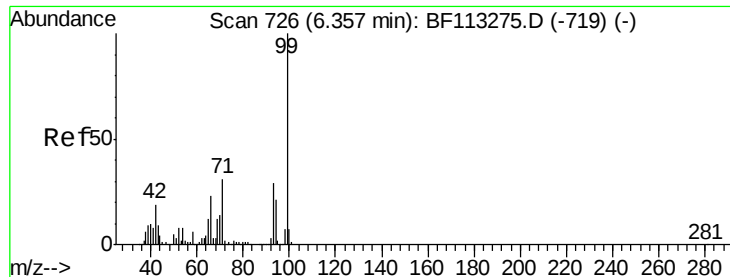
Abundance

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: 115.998 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113408.D

Acq: 29 Mar 2019 11:49

Instrument :

BNA_F

ClientSampleId :

SSSI-0328-S-DH-5-B

Tgt Ion: 99 Resp: 1624062

Ion Ratio Lower Upper

99 100

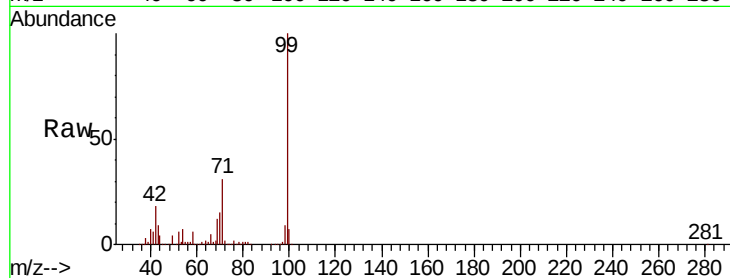
42 17.9 14.8 22.2

71 31.4 24.9 37.3

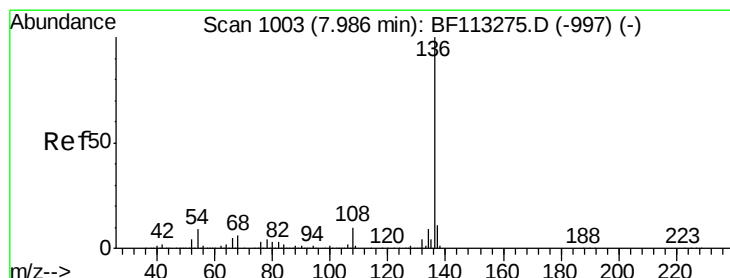
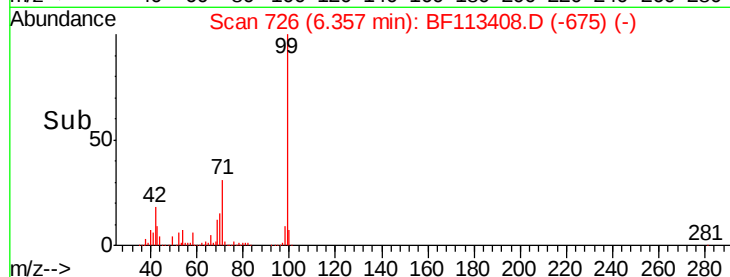
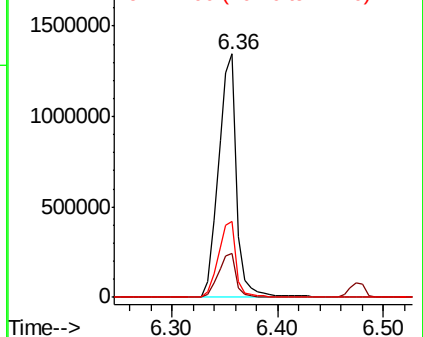
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113408.D

Acq: 29 Mar 2019 11:49

Tgt Ion: 136 Resp: 696507

Ion Ratio Lower Upper

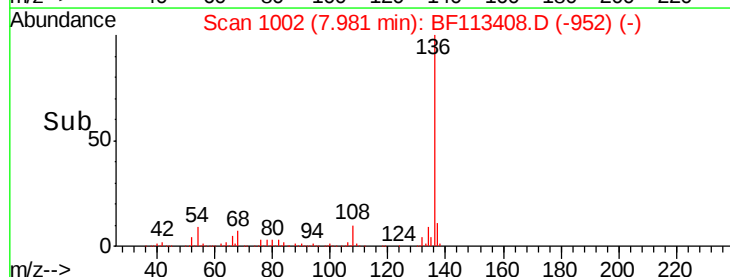
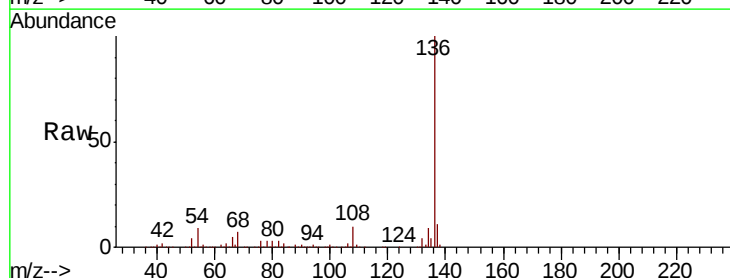
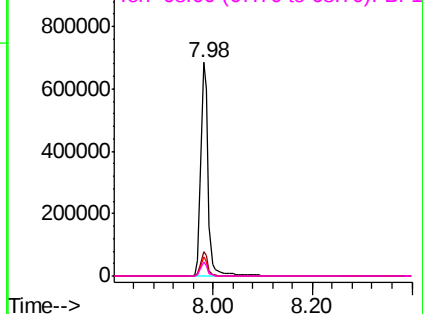
136 100

137 11.4 8.9 13.3

54 8.7 7.0 10.6

68 6.5 4.8 7.2

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





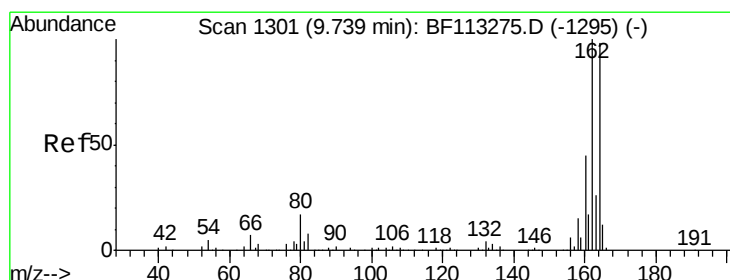
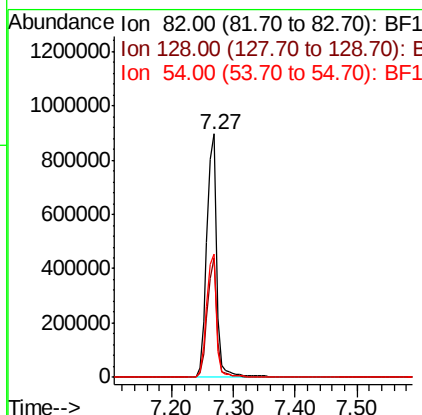
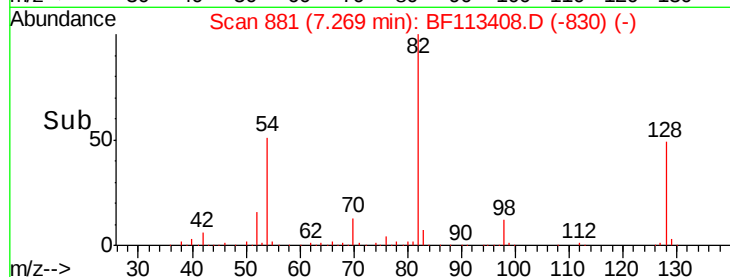
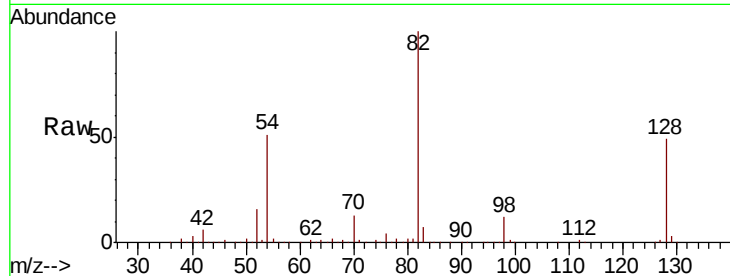
#23
 Nitrobenzene-d5
 Concen: 86.621 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113408.D
 Acq: 29 Mar 2019 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0328-S-DH-5-B

Tgt Ion: 82 Resp: 1016484
 Ion Ratio Lower Upper
 82 100
 128 49.2 36.5 54.7
 54 50.8 42.2 63.2

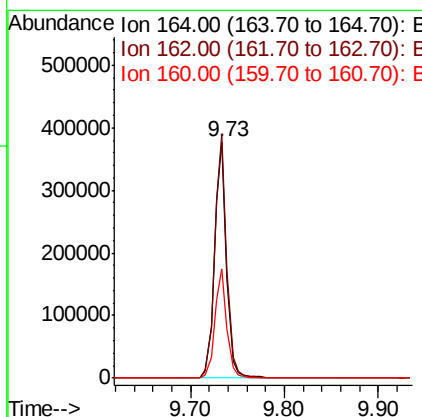
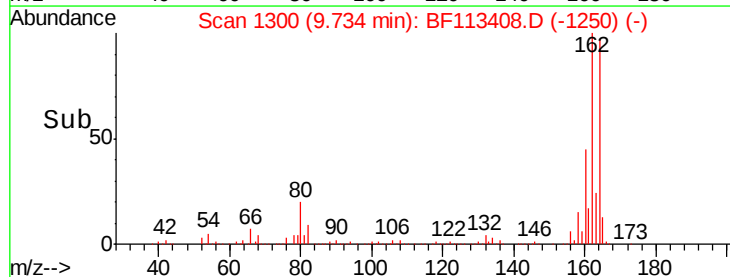
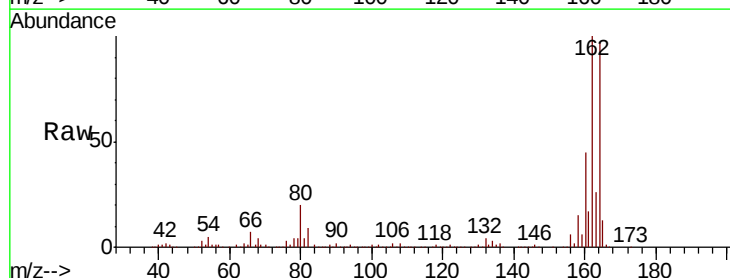
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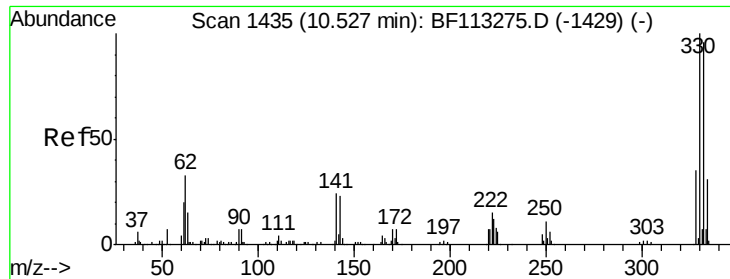
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113408.D
 Acq: 29 Mar 2019 11:49

Tgt Ion: 164 Resp: 341589
 Ion Ratio Lower Upper
 164 100
 162 103.0 81.8 122.6
 160 46.1 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 114.792 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113408.D

Acq: 29 Mar 2019 11:49

Instrument :

BNA_F

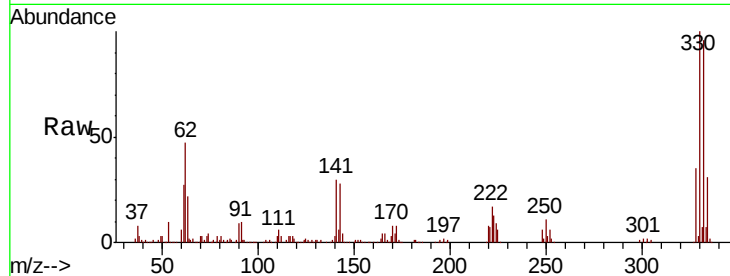
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SSSI-0328-S-DH-5-B

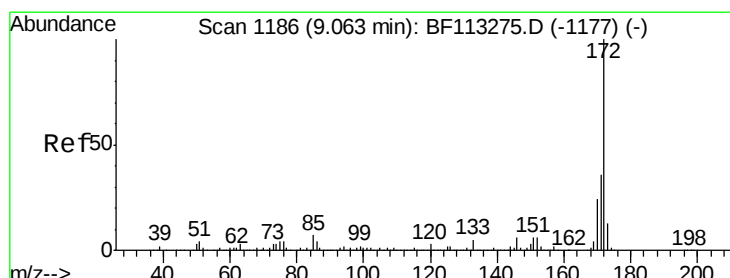
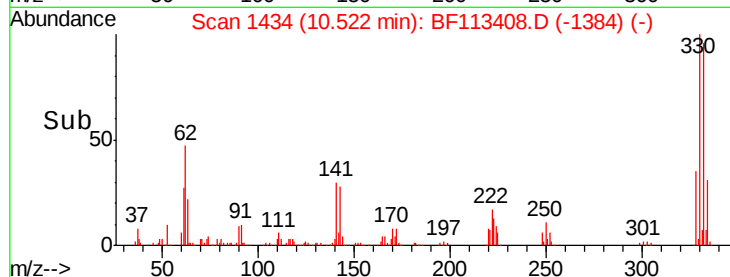
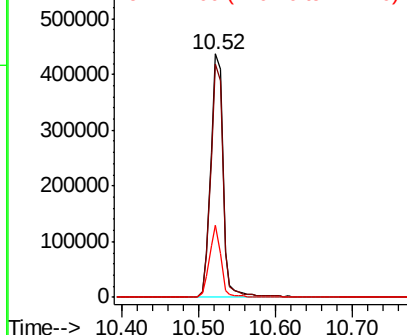
Tgt Ion:	330	Resp:	484354
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.8	116.6
141	27.3	22.7	34.1

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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: 75.294 ng

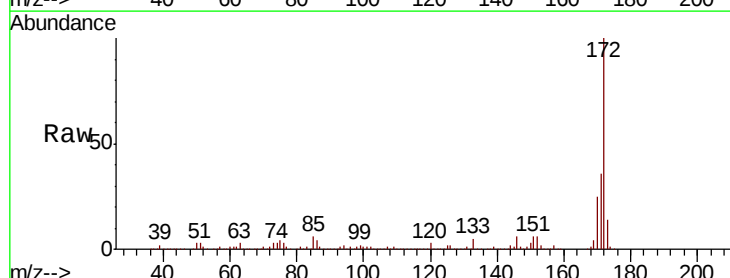
RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

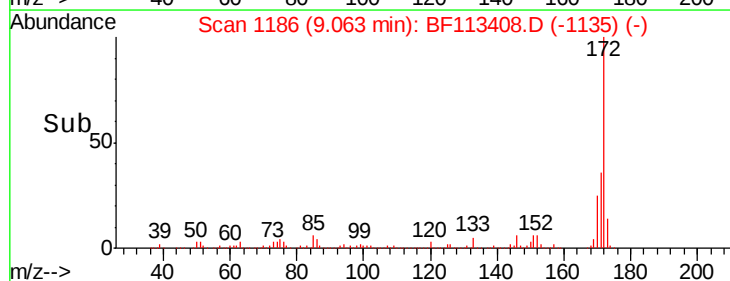
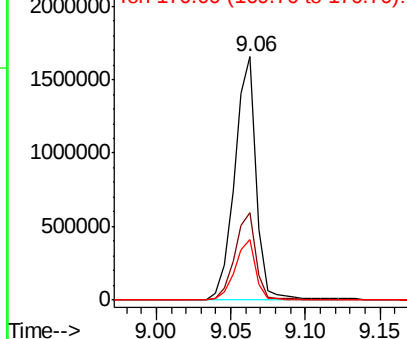
Lab File: BF113408.D

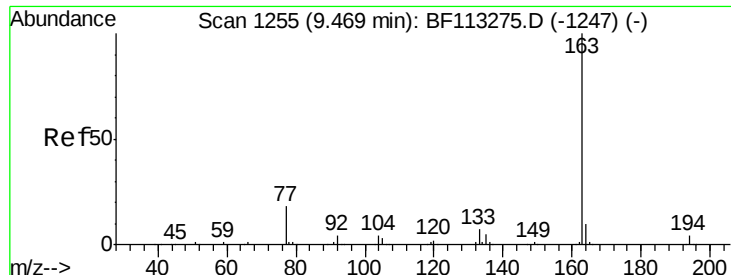
Acq: 29 Mar 2019 11:49

Tgt Ion:	172	Resp:	1684836
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.0	43.6
170	24.8	19.5	29.3



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





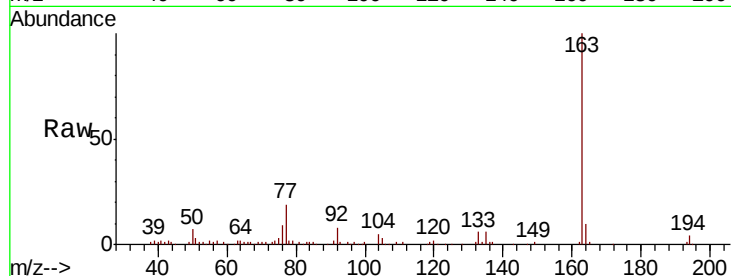
#50
Dimethylphthalate
Concen: 4.650 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113408.D
Acq: 29 Mar 2019 11:49

Instrument :
BNA_F
ClientSampleId :
SSSI-0328-S-DH-5-B

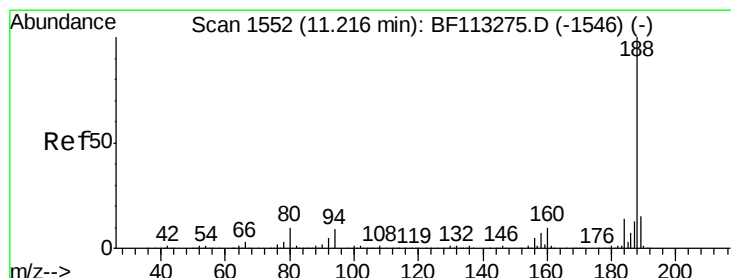
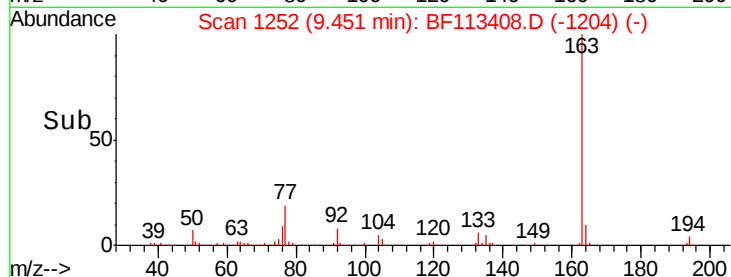
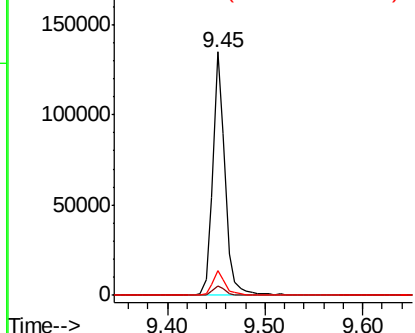
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.2	8.1	12.1

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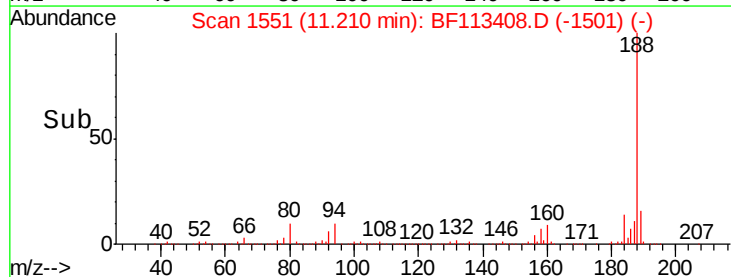
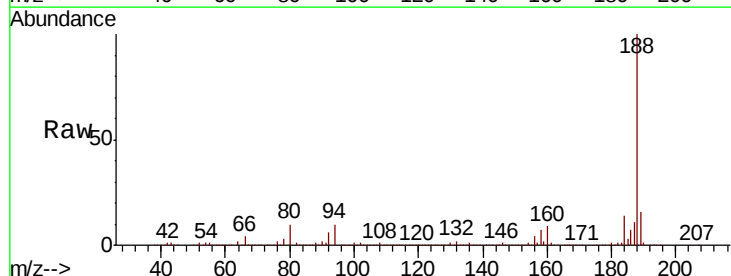
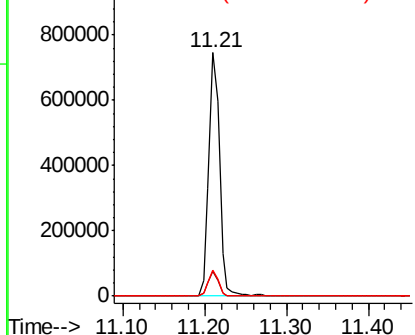
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

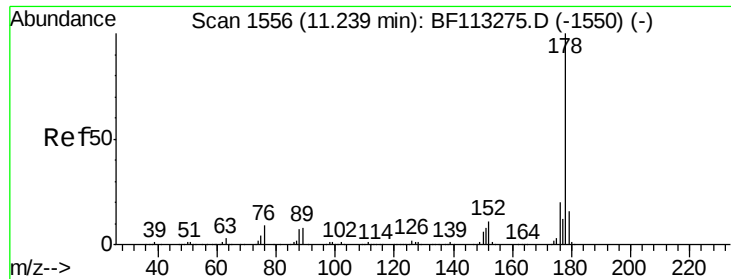


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113408.D
Acq: 29 Mar 2019 11:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.0	10.6
80	10.4	7.7	11.5

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: 3.854 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF113408.D

Acq: 29 Mar 2019 11:49

Instrument :

BNA_F

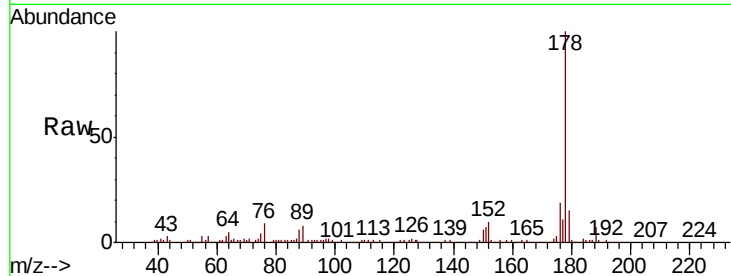
ClientSampleId :

SSSI-0328-S-DH-5-B

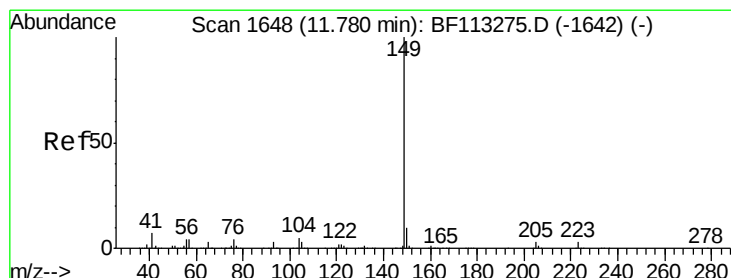
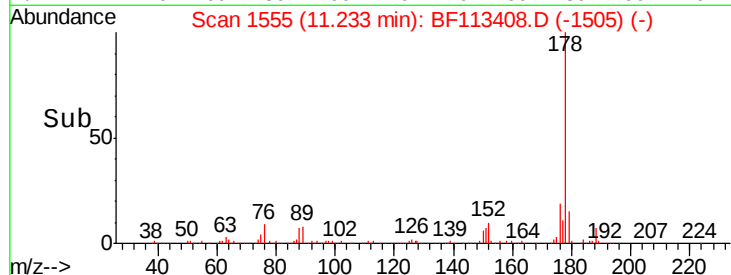
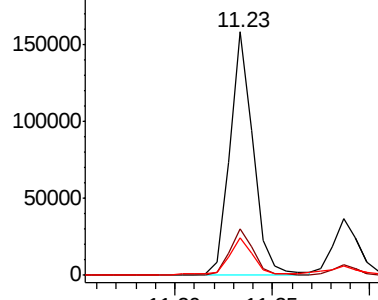
Tgt Ion:	178	Resp:	130540
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.2	24.2
179	15.3	12.7	19.1

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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



#74

Di-n-butylphthalate

Concen: 2.187 ng

RT: 11.77 min Scan# 1647

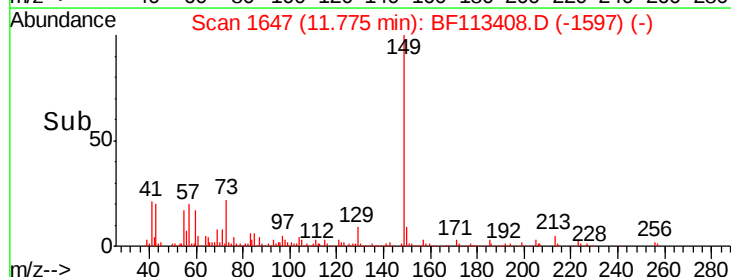
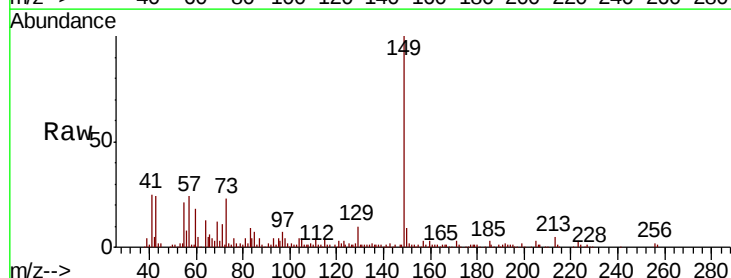
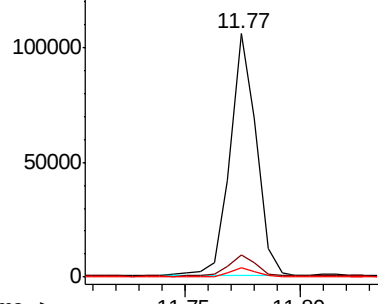
Delta R.T. -0.01 min

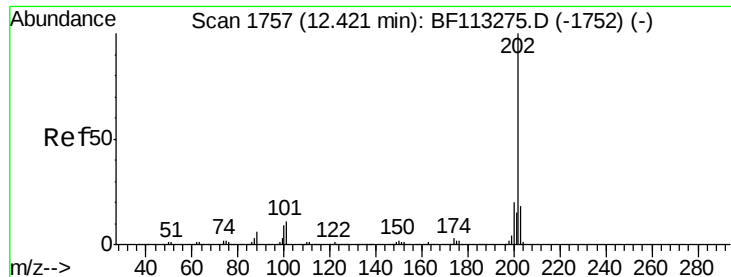
Lab File: BF113408.D

Acq: 29 Mar 2019 11:49

Tgt Ion:	149	Resp:	83277
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	4.1	3.7	5.5

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 5.771 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BF113408.D

Acq: 29 Mar 2019 11:49

Instrument :

BNA_F

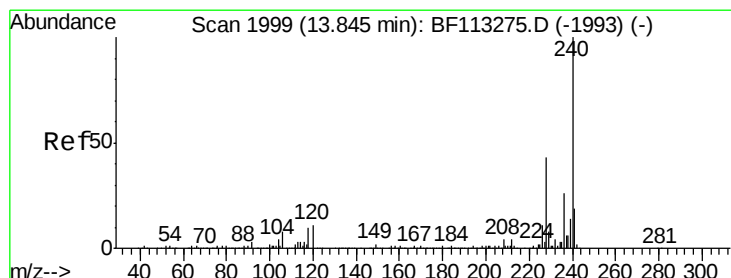
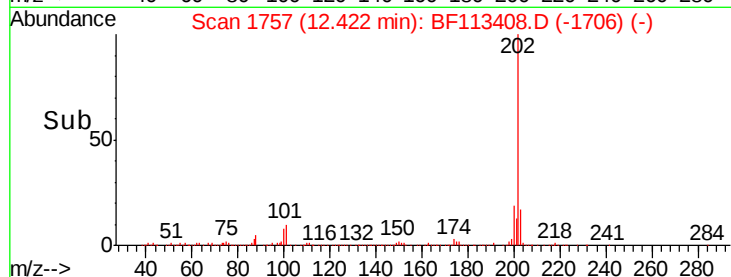
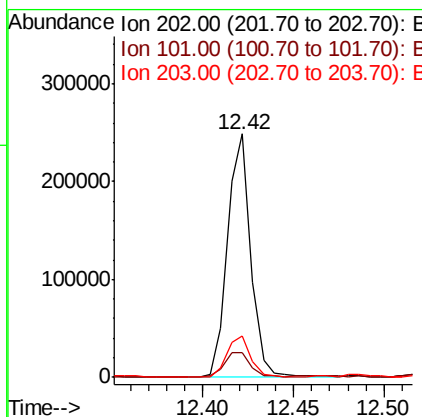
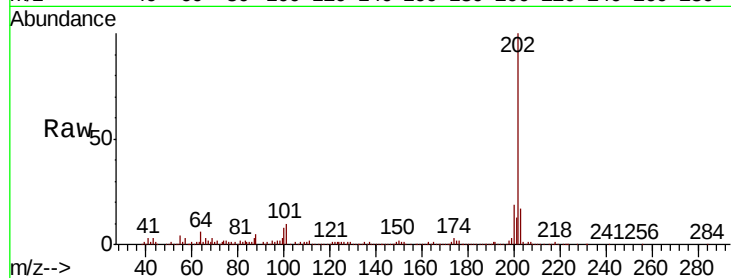
ClientSampleId :

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Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		220968		
101	10.1	0.0	31.4		
203	17.1	0.0	38.0		

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#76

Chrysene-d12

Concen: 20.000 ng

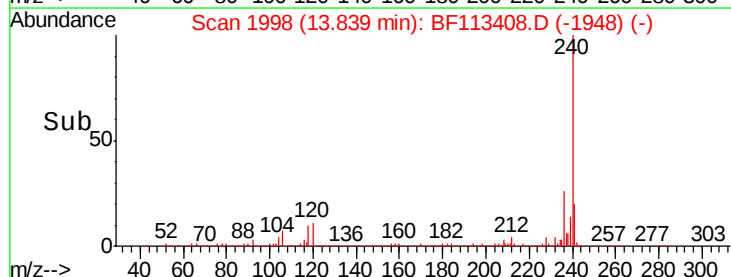
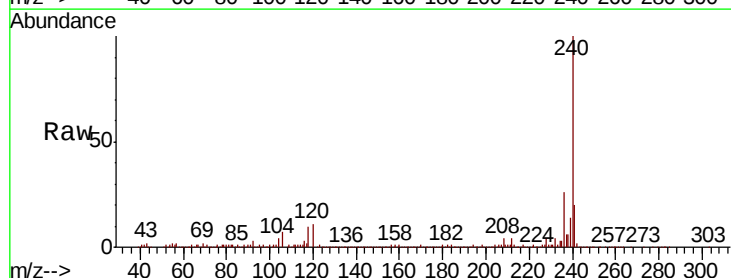
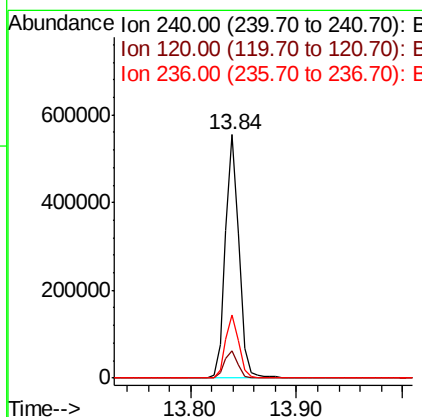
RT: 13.84 min Scan# 1998

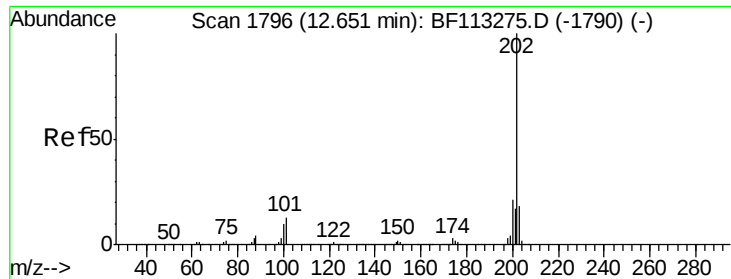
Delta R.T. -0.01 min

Lab File: BF113408.D

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Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		500315		
120	11.3	8.8	13.2		
236	25.7	20.9	31.3		





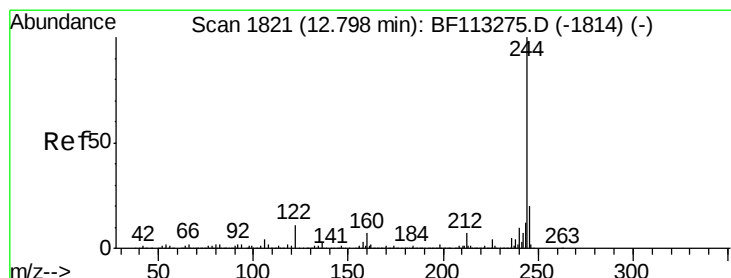
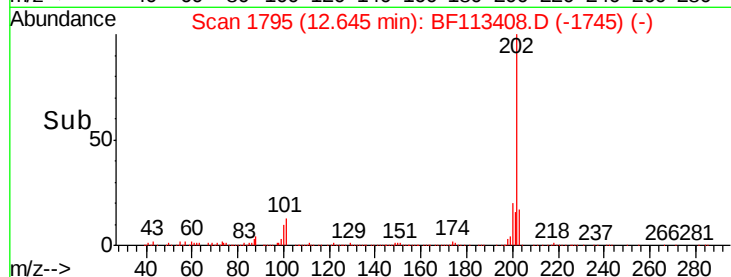
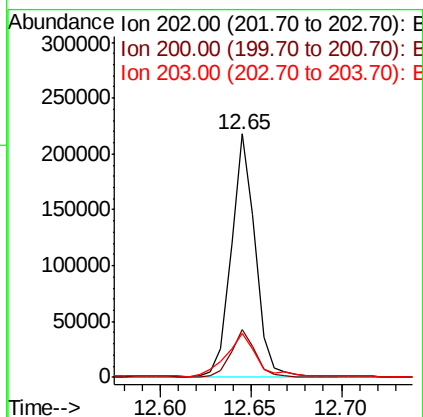
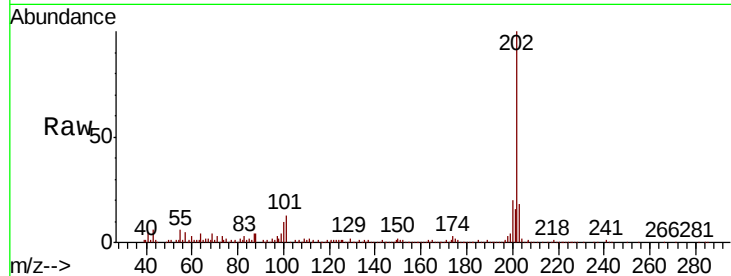
#78
 Pyrene
 Concen: 5.748 ng
 RT: 12.65 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BF113408.D
 Acq: 29 Mar 2019 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0328-S-DH-5-B

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	199276		
200	19.8	16.8	25.2	
203	17.9	14.4	21.6	

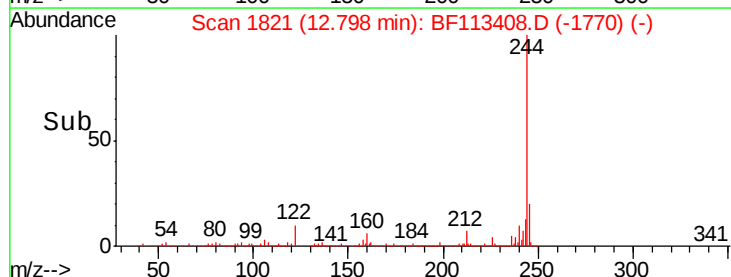
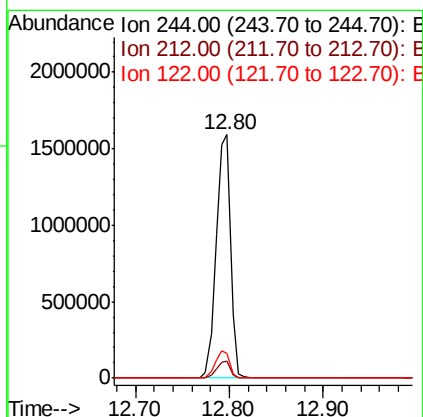
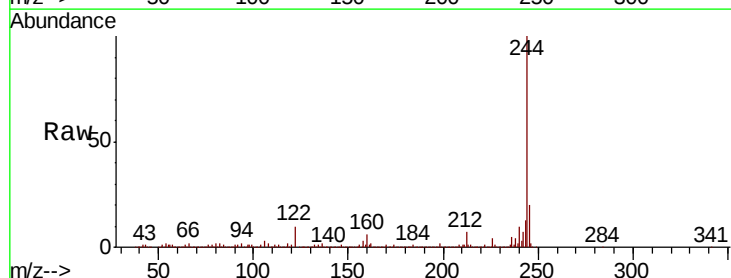
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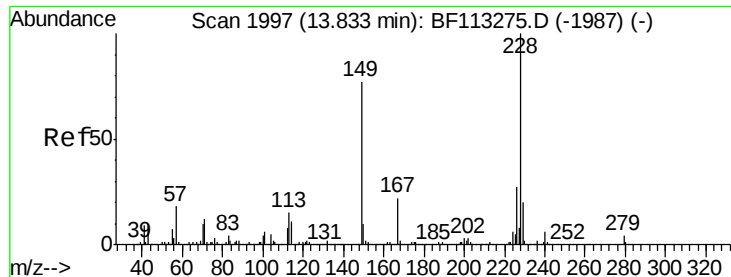
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#79
 Terphenyl-d14
 Concen: 75.721 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF113408.D
 Acq: 29 Mar 2019 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1718764		
212	6.8	5.5	8.3	
122	10.0	8.6	13.0	





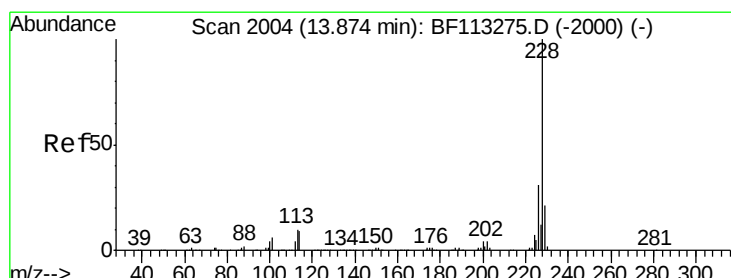
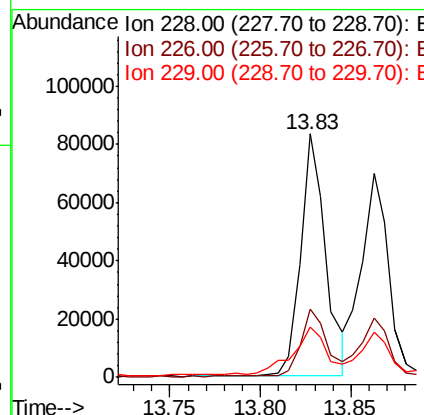
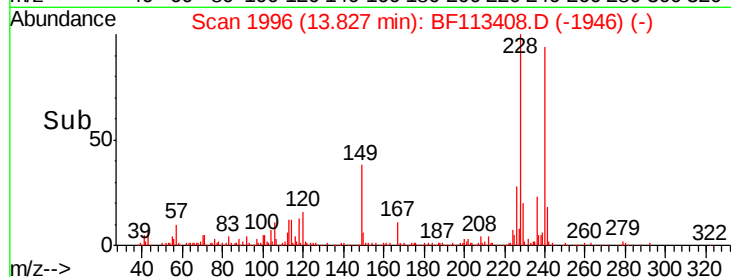
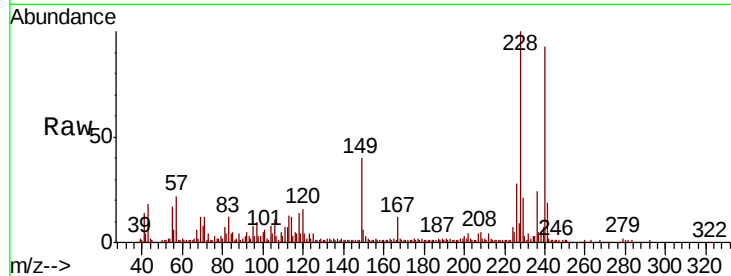
#81
Benzo(a)anthracene
Concen: 2.849 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF113408.D
Acq: 29 Mar 2019 11:49

Instrument :
BNA_F
ClientSampleId :
SSSI-0328-S-DH-5-B

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	20.5	16.2	24.4

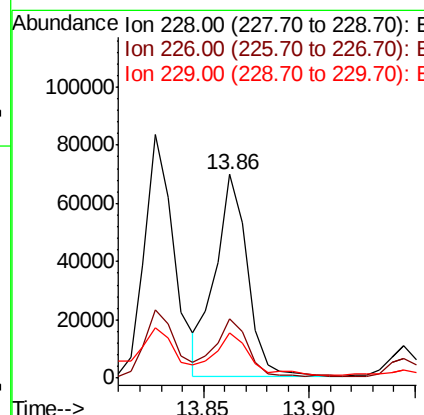
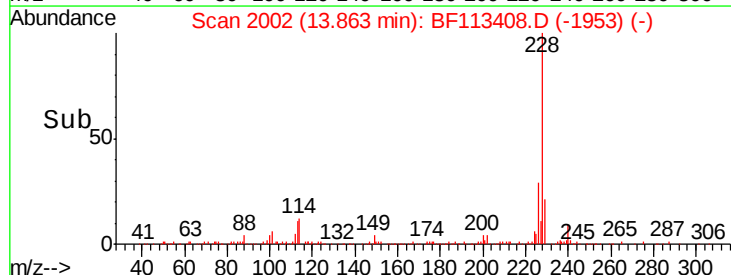
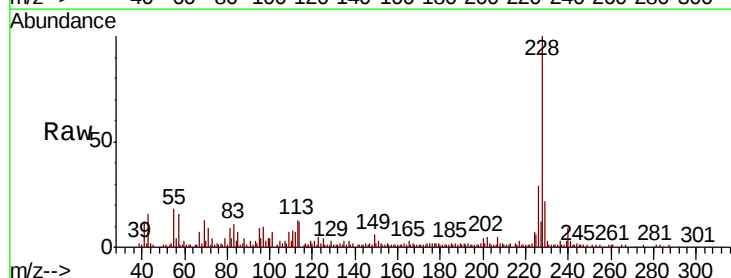
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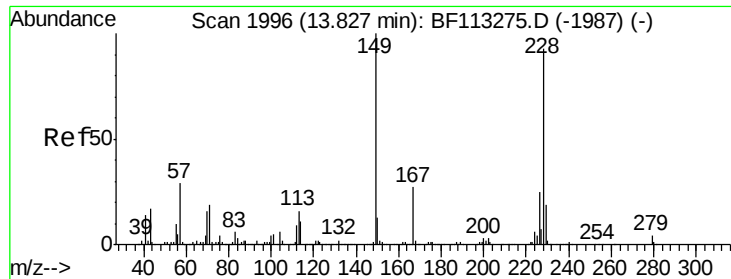
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#83
Chrysene
Concen: 2.526 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113408.D
Acq: 29 Mar 2019 11:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.3	36.5
229	22.0	16.3	24.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.070 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF113408.D

Acq: 29 Mar 2019 11:49

Instrument :

BNA_F

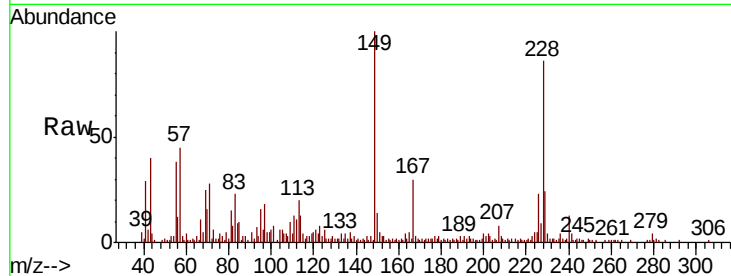
ClientSampleId :

SSSI-0328-S-DH-5-B

Tgt Ion:	149	Resp:	57507
Ion Ratio	Lower	Upper	
149	100		
167	29.9	21.8	32.8
279	3.8	2.9	4.3

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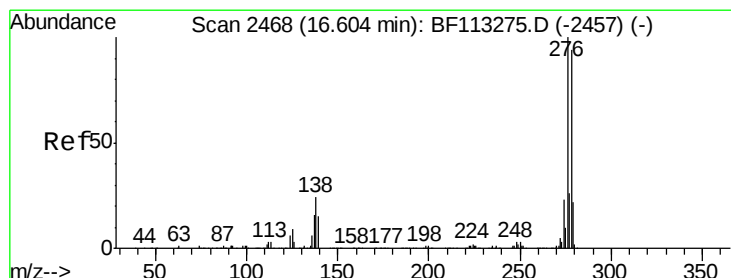
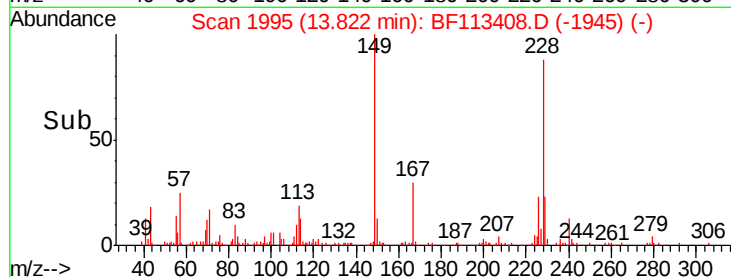
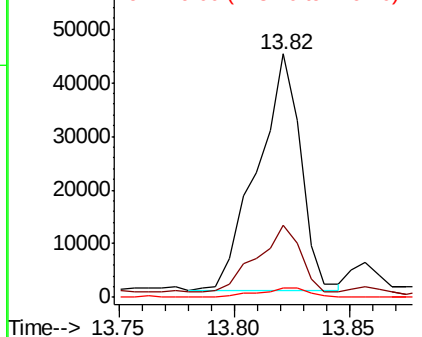


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.266 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BF113408.D

Acq: 29 Mar 2019 11:49

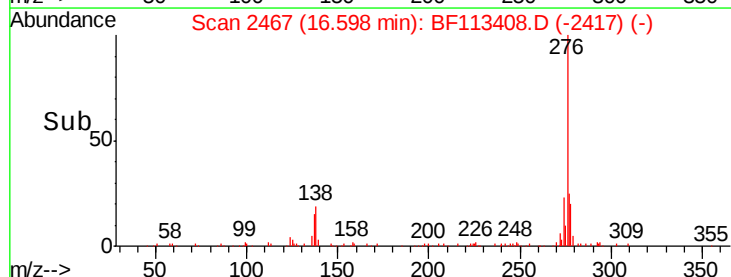
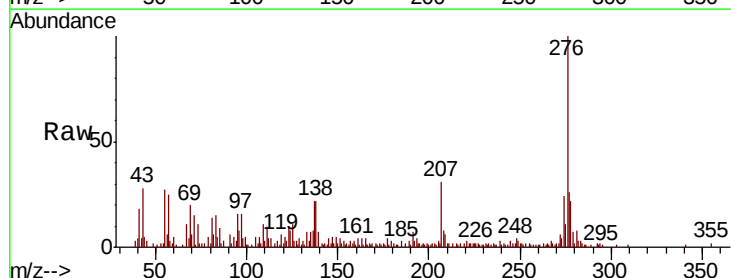
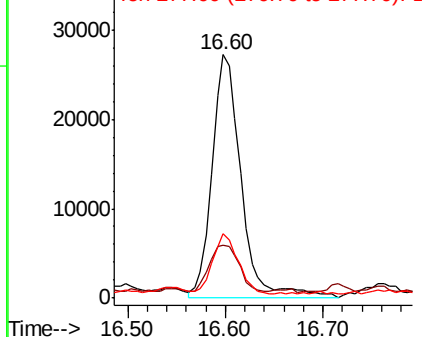
Tgt Ion:	276	Resp:	56564
Ion Ratio	Lower	Upper	
276	100		
138	19.4	18.1	27.1
277	21.6	20.2	30.4

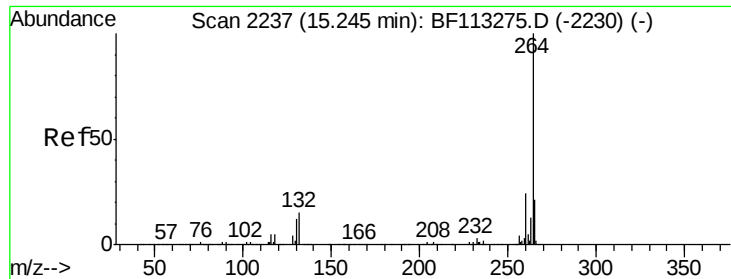
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BF113408.D

Acq: 29 Mar 2019 11:49

Instrument :

BNA_F

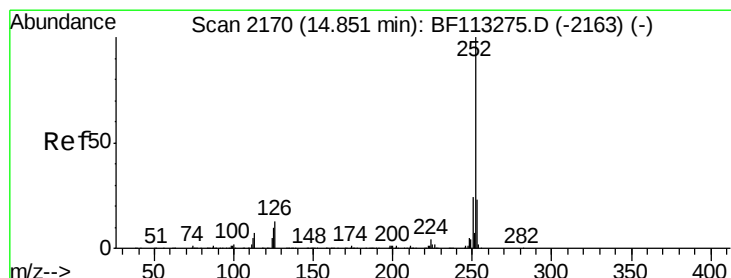
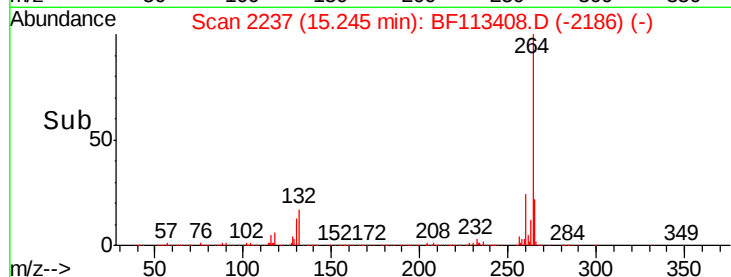
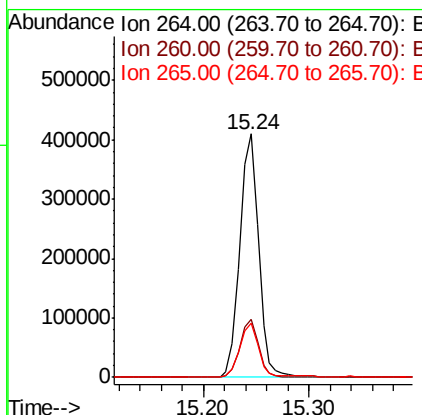
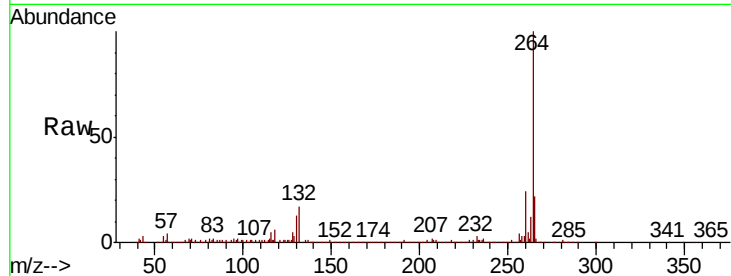
ClientSampleId :

SSSI-0328-S-DH-5-B

Tgt Ion:	264	Resp:	501589
Ion Ratio		Lower	Upper
264	100		
260	23.8	19.1	28.7
265	22.0	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 2.974 ng m

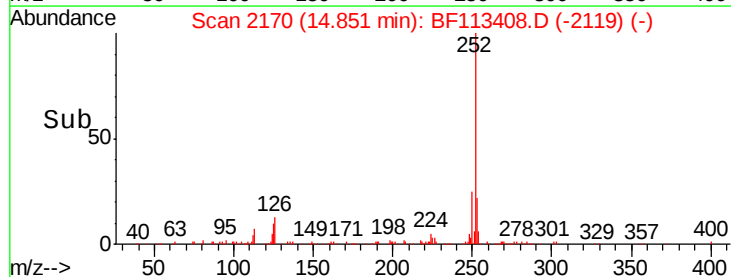
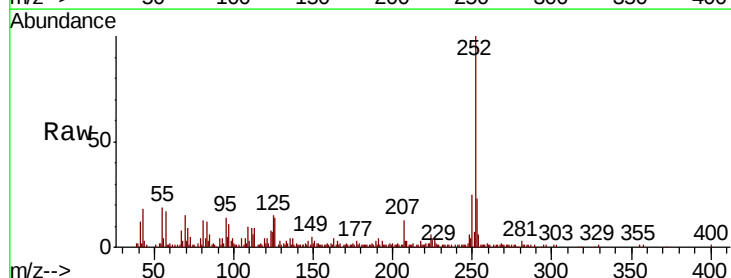
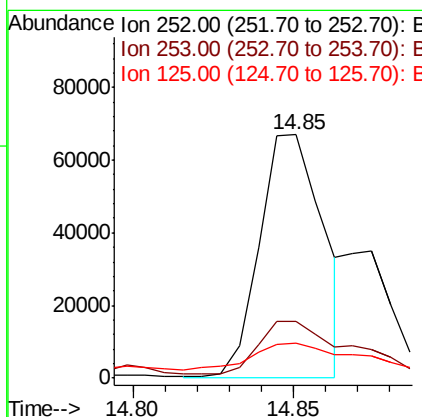
RT: 14.85 min Scan# 2170

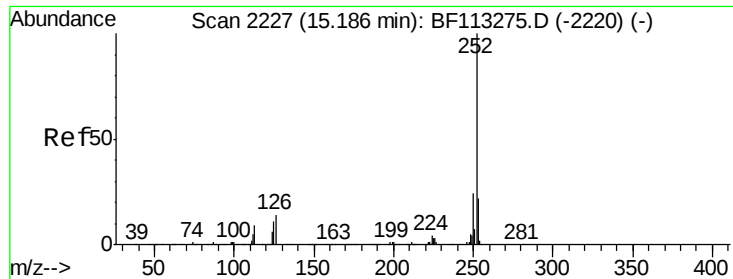
Delta R.T. 0.00 min

Lab File: BF113408.D

Acq: 29 Mar 2019 11:49

Tgt Ion:	252	Resp:	92664
Ion Ratio		Lower	Upper
252	100		
253	23.4	18.0	27.0
125	14.6	7.6	11.4#





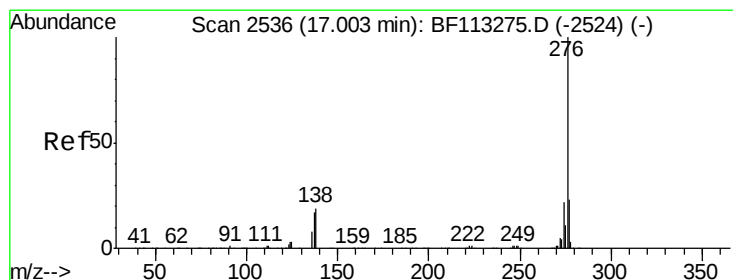
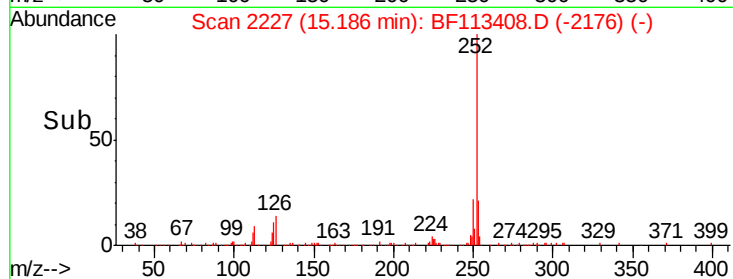
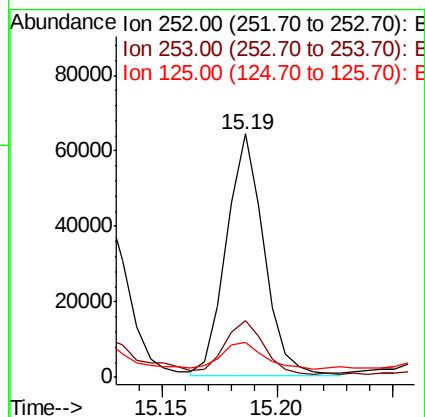
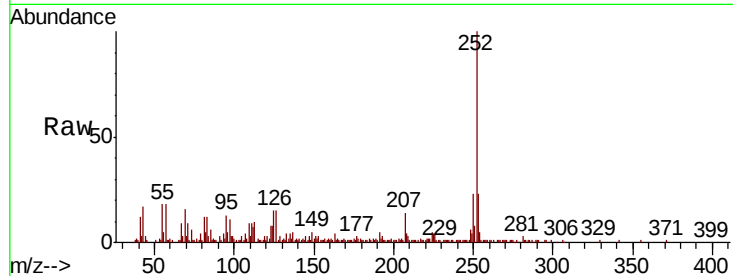
#90
Benzo(a)pyrene
Concen: 2.619 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF113408.D
Acq: 29 Mar 2019 11:49

Instrument :
BNA_F
ClientSampleId :
SSSI-0328-S-DH-5-B

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	14.6	8.8	13.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.221 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.00 min
Lab File: BF113408.D
Acq: 29 Mar 2019 11:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	21.2	15.6	23.4

