

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113564.D
 Acq On : 4 Apr 2019 1:18
 Operator : JU/SJ
 Sample : K2203-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-040219-A

Manual Integrations
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Sohil
 4/4/2019 10:58:00 AM

Quant Time: Apr 04 06:12:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	151280	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	530755	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	225911	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	404630	20.00	ng	0.00
76) Chrysene-d12	13.84	240	344791	20.00	ng	0.00
87) Perylene-d12	15.25	264	268932	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	819525	92.38	ng	0.00
7) Phenol-d6	6.33	99	1066643	97.55	ng	0.00
23) Nitrobenzene-d5	7.25	82	617794	68.18	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	223697	82.43	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1088484	77.57	ng	0.00
79) Terphenyl-d14	12.79	244	1042409	61.55	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.35	94	31821	2.548	ng	78
50) Dimethylphthalate	9.44	163	97253	5.840	ng	100
71) Phenanthrene	11.23	178	248488	12.359	ng	98
72) Anthracene	11.28	178	83260	4.070	ng	99
75) Fluoranthene	12.42	202	730574	33.909	ng	99
78) Pyrene	12.64	202	713345	27.191	ng	99
81) Benzo(a)anthracene	13.83	228	401572	20.190	ng	97
83) Chrysene	13.87	228	360842	17.897	ng	98
86) Indeno(1,2,3-cd)pyrene	16.62	276	158005	8.488	ng	93
88) Benzo(b)fluoranthene	14.86	252	425986m	25.877	ng	
89) Benzo(k)fluoranthene	14.88	252	97370m	6.591	ng	
90) Benzo(a)pyrene	15.20	252	272155	18.605	ng	99
91) Dibenzo(a,h)anthracene	16.62	278	42533	3.109	ng	# 81
92) Benzo(g,h,i)perylene	17.03	276	146123	10.465	ng	99

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

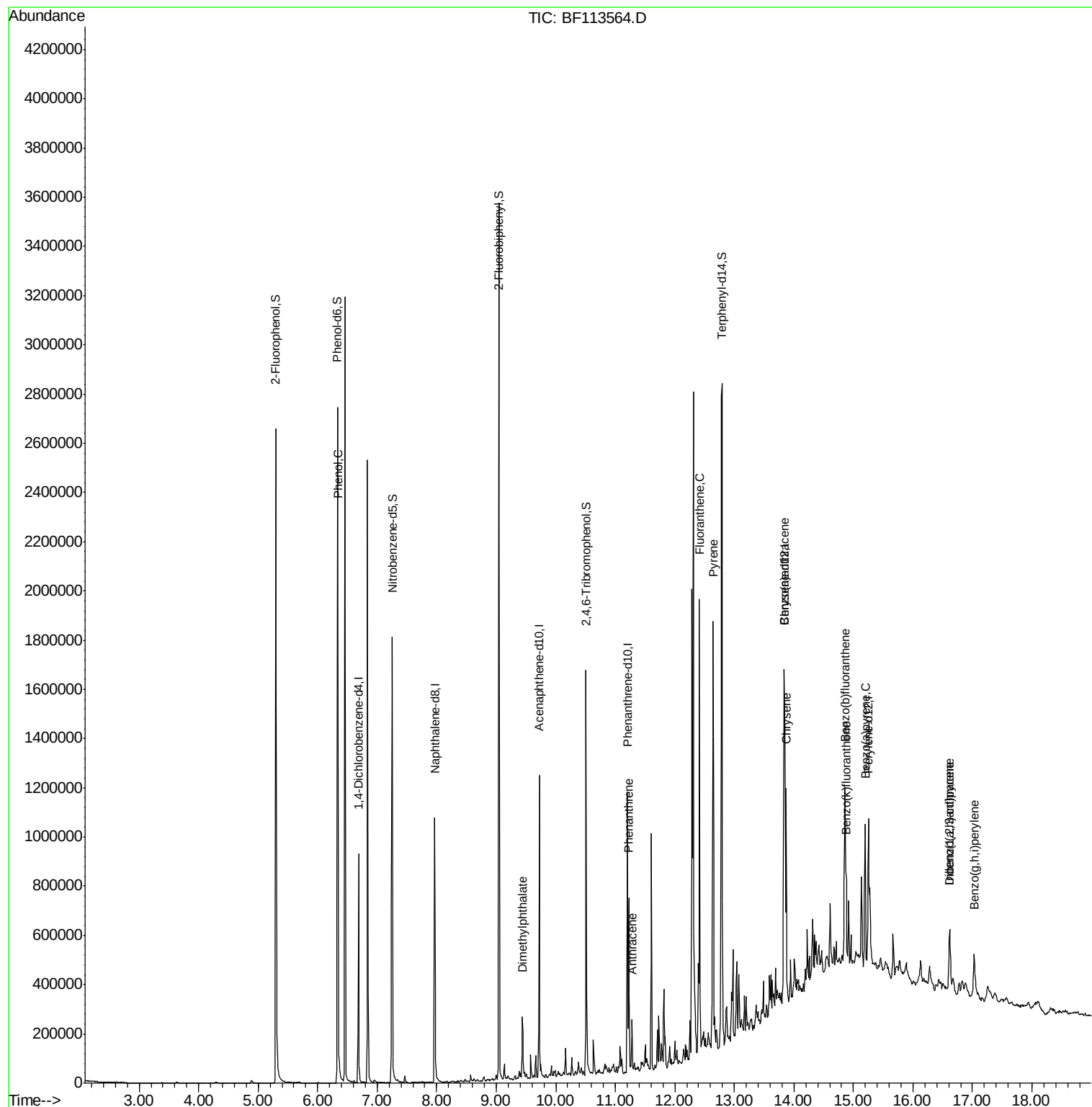
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
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Operator : JU/SJ
Sample : K2203-01
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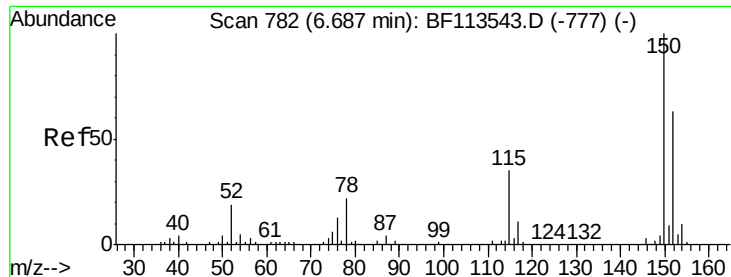
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
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#1

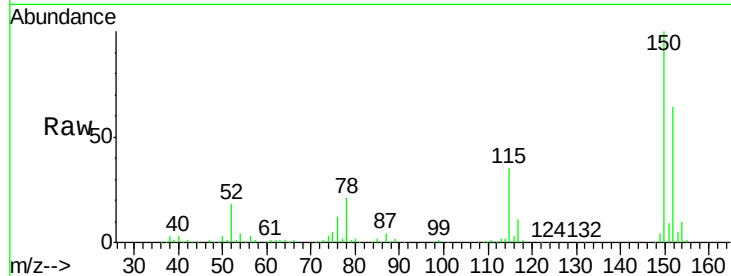
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SU-03-040219-A

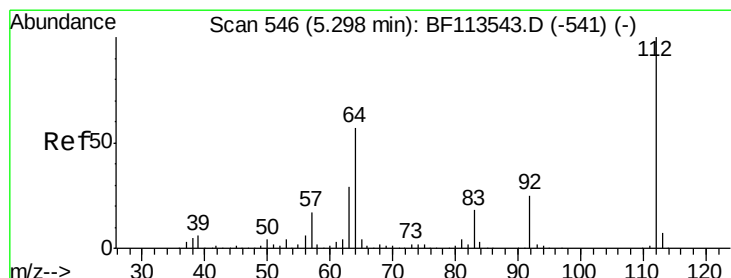
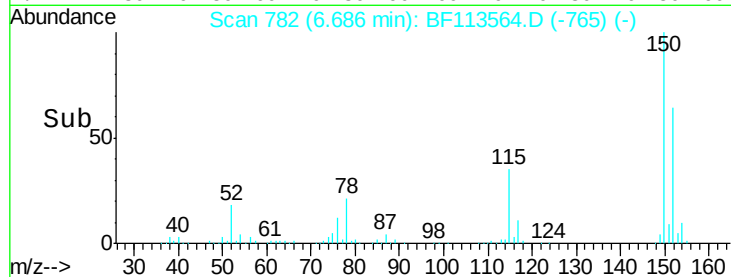
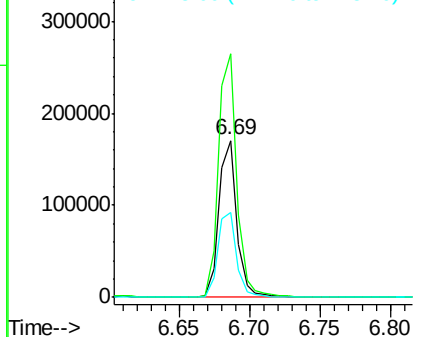
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.7	187.1
115	53.8	46.0	69.0

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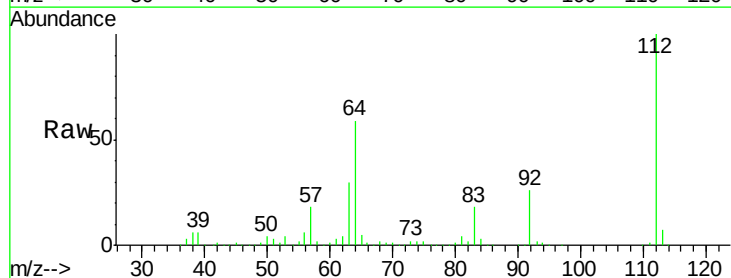
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



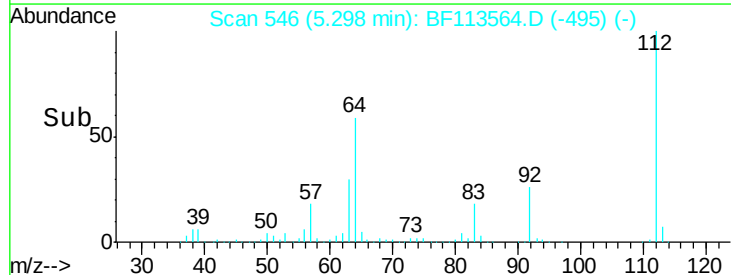
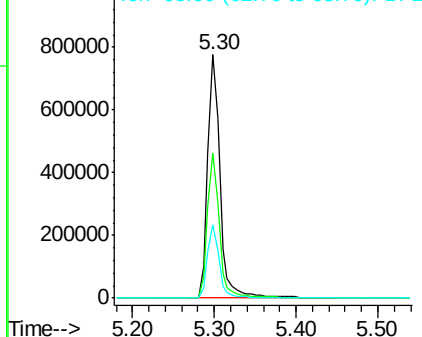
#5

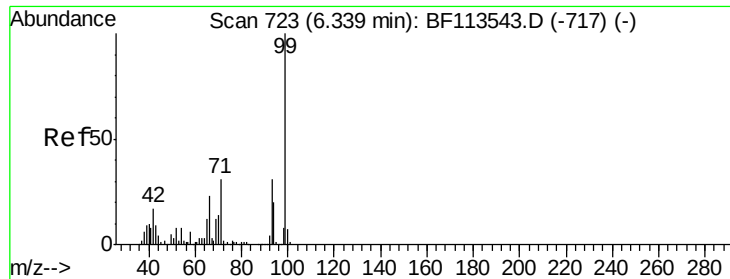
2-Fluorophenol
Concen: 92.377 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	49.2	73.8
63	30.0	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: 97.551 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113564.D

Acq: 4 Apr 2019 1:18

Instrument :

BNA_F

ClientSampleId :

SU-03-040219-A

Tgt Ion: 99 Resp: 1066643

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

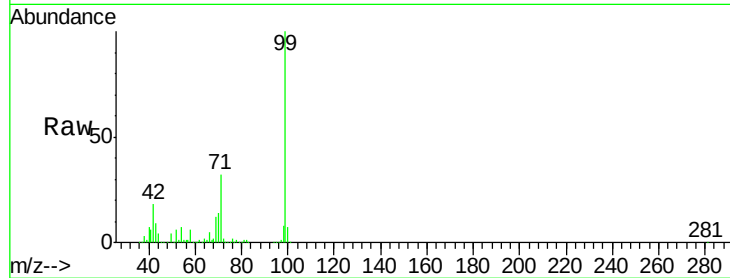
71 31.5 24.9 37.3

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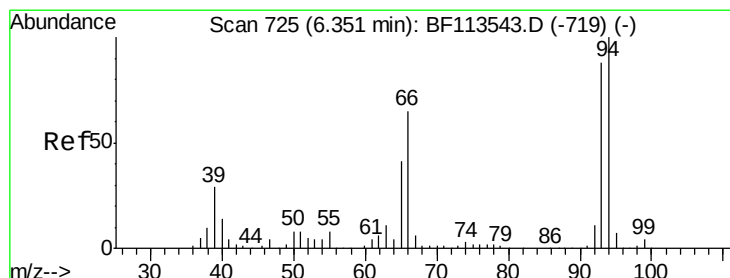
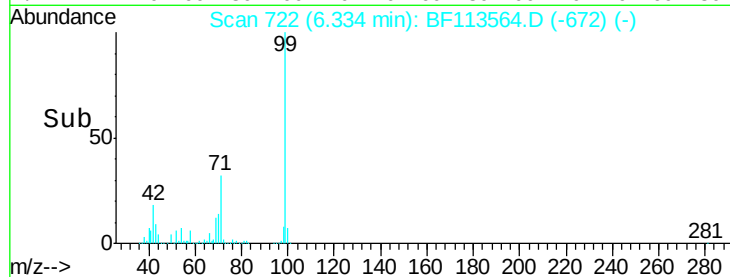
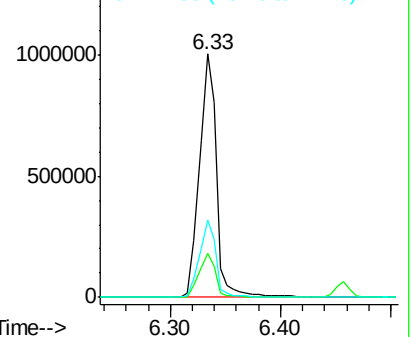
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.548 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113564.D

Acq: 4 Apr 2019 1:18

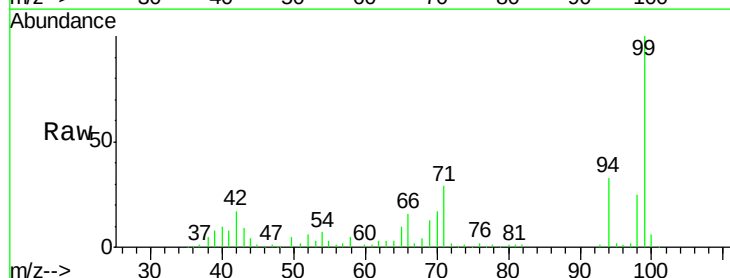
Tgt Ion: 94 Resp: 31821

Ion Ratio Lower Upper

94 100

65 29.1 21.4 61.4

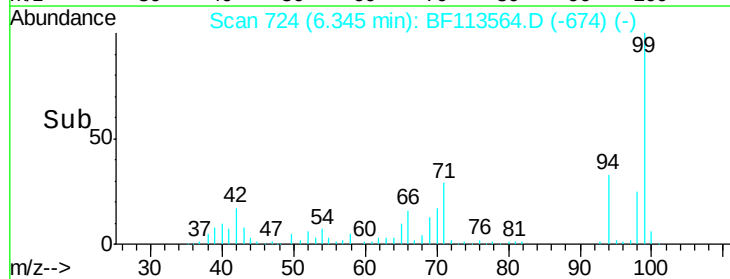
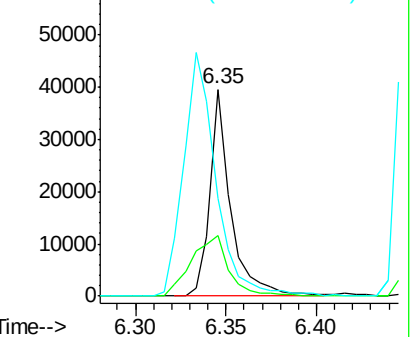
66 47.4 46.4 86.4

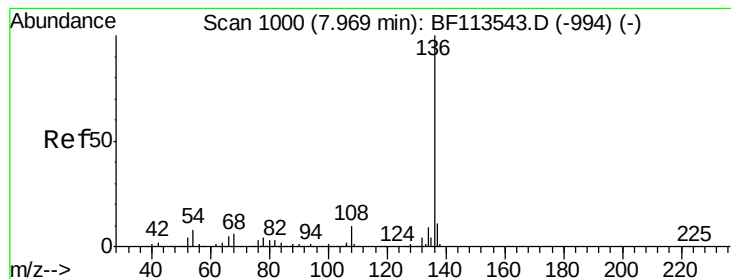


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF113564.D

Acq: 4 Apr 2019 1:18

Instrument :

BNA_F

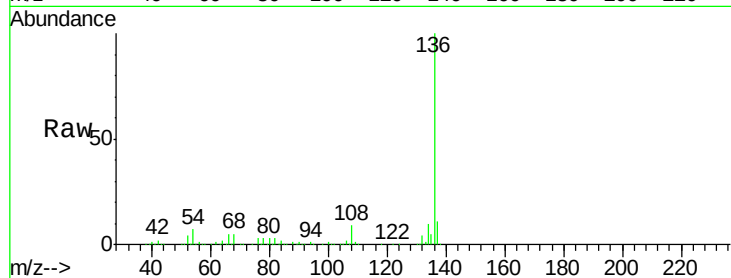
ClientSampleId :

SU-03-040219-A

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.4	7.0	10.6
68	5.4	4.8	7.2

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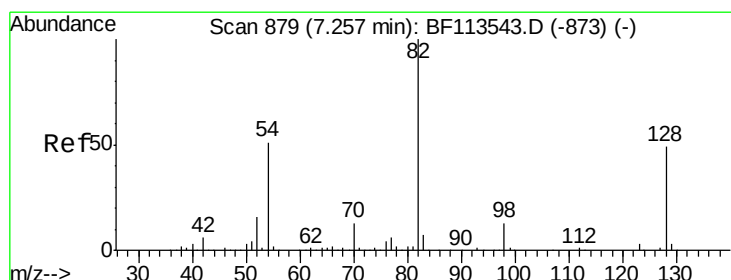
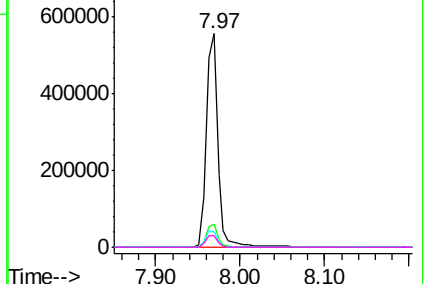
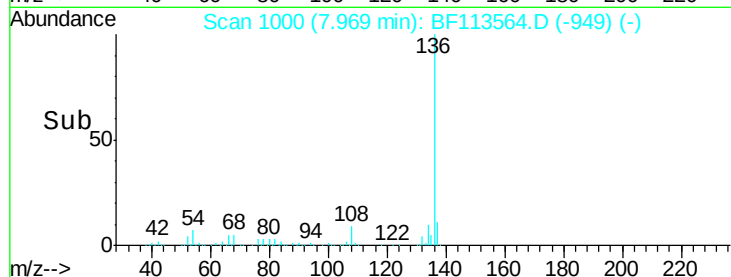


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.181 ng

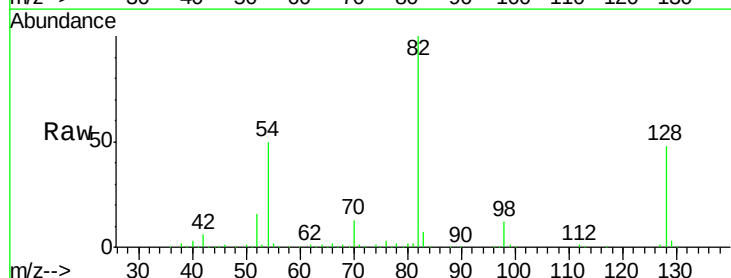
RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF113564.D

Acq: 4 Apr 2019 1:18

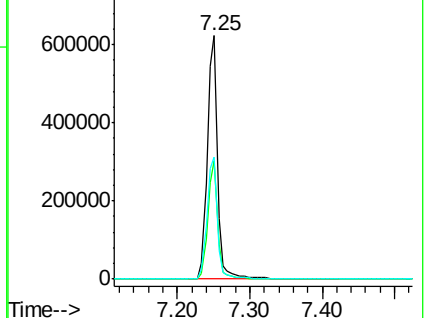
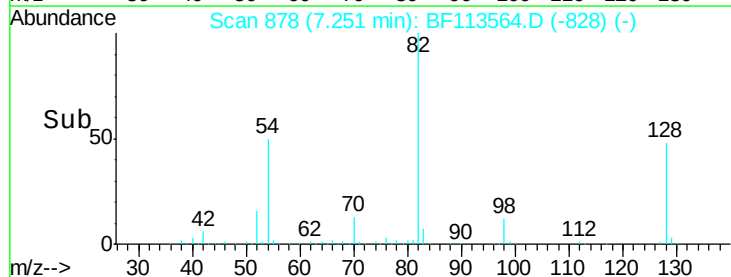
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.5	54.7
54	50.2	42.2	63.2

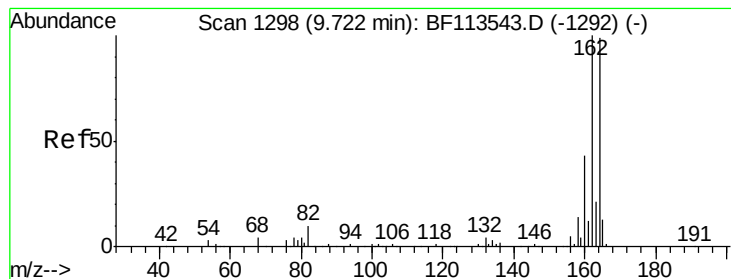


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF113564.D

Acq: 4 Apr 2019 1:18

Instrument :

BNA_F

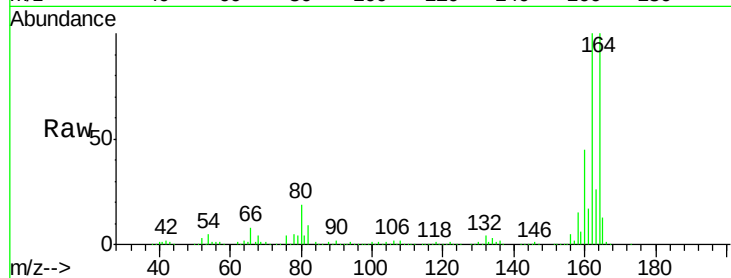
ClientSampleId :

SU-03-040219-A

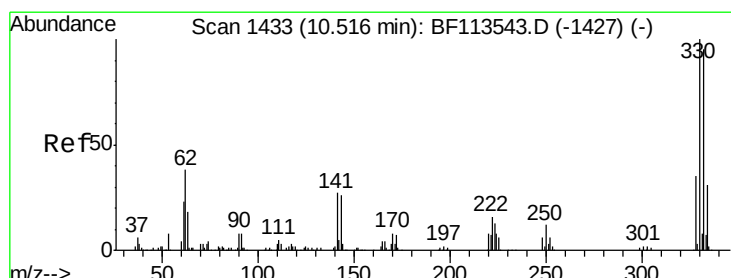
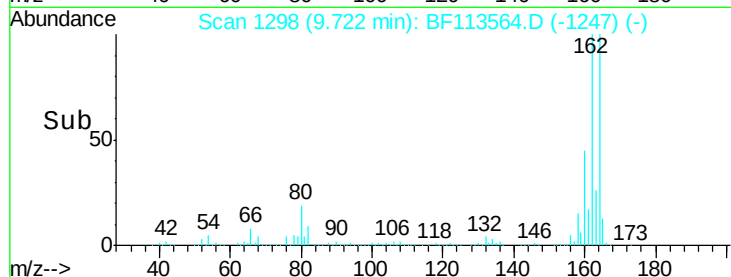
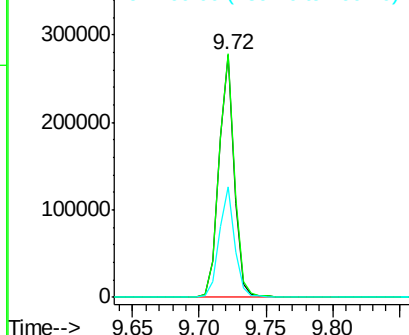
Tgt Ion:	164	Resp:	225911
Ion Ratio	Lower	Upper	
164	100		
162	100.3	81.8	122.6
160	45.4	36.4	54.6

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



#42

2,4,6-Tribromophenol

Concen: 82.431 ng

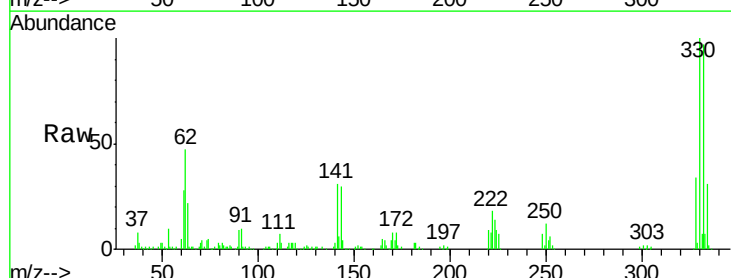
RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

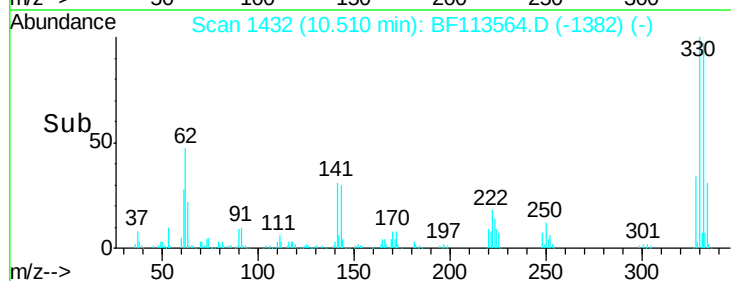
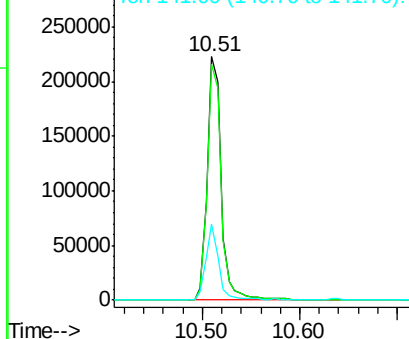
Lab File: BF113564.D

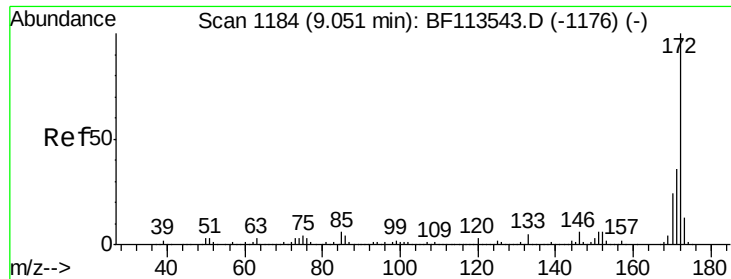
Acq: 4 Apr 2019 1:18

Tgt Ion:	330	Resp:	223697
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.8	116.6
141	29.0	22.7	34.1



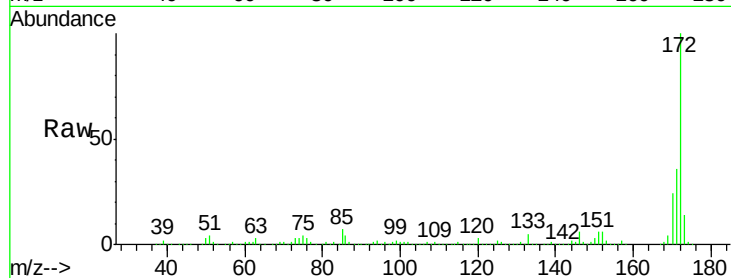
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#45
 2-Fluorobiphenyl
 Concen: 77.568 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113564.D
 Acq: 4 Apr 2019 1:18

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-040219-A

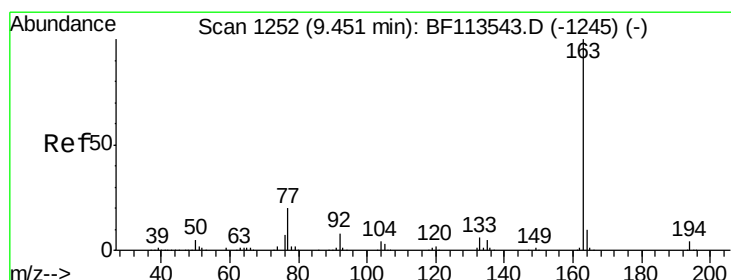
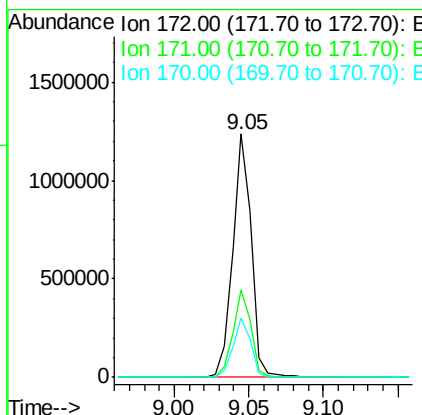
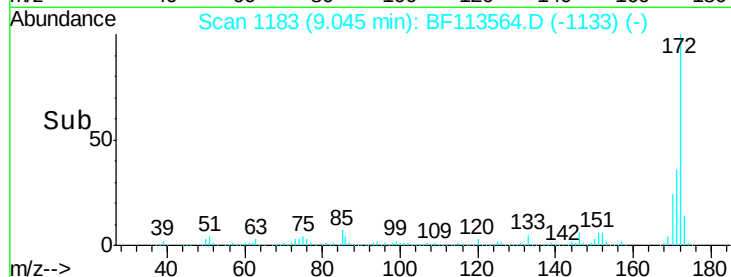


Tgt Ion:172 Resp: 1088484

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.2	19.5	29.3

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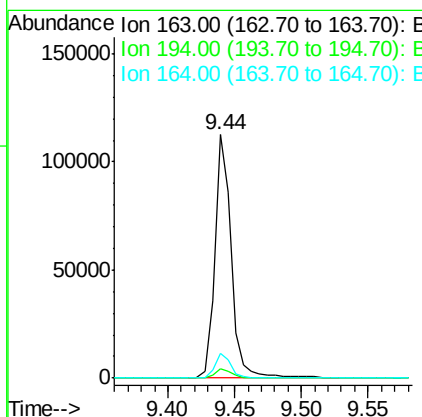
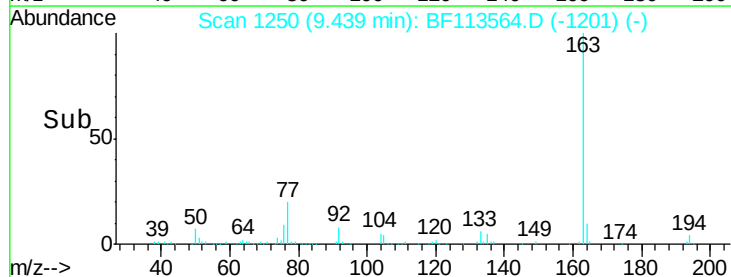
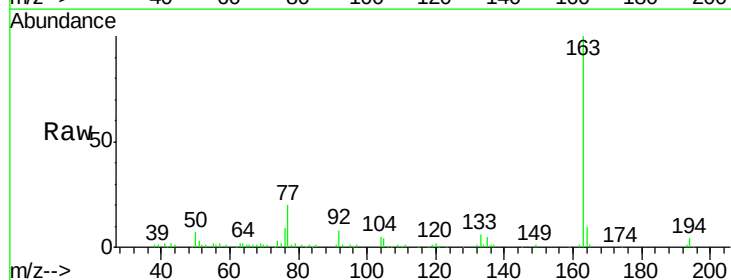
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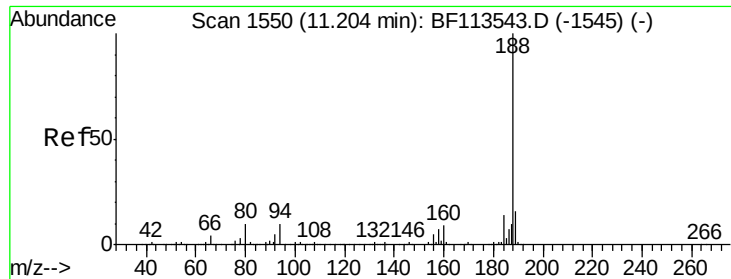


#50
 Dimethylphthalate
 Concen: 5.840 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BF113564.D
 Acq: 4 Apr 2019 1:18

Tgt Ion:163 Resp: 97253

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.2	8.1	12.1





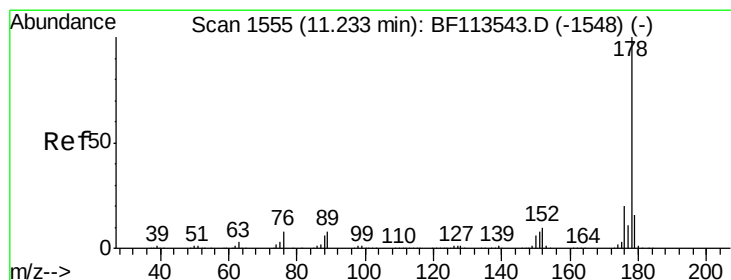
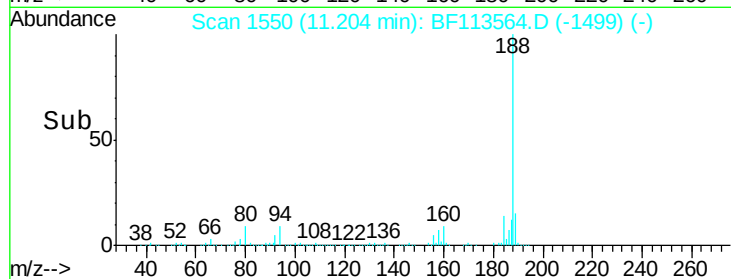
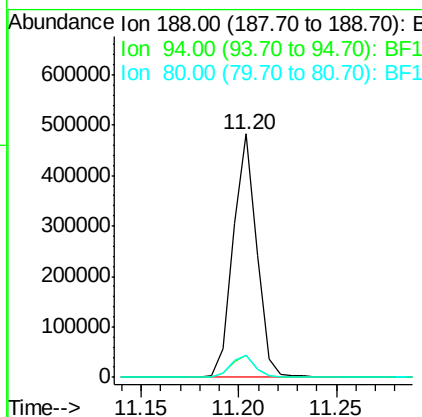
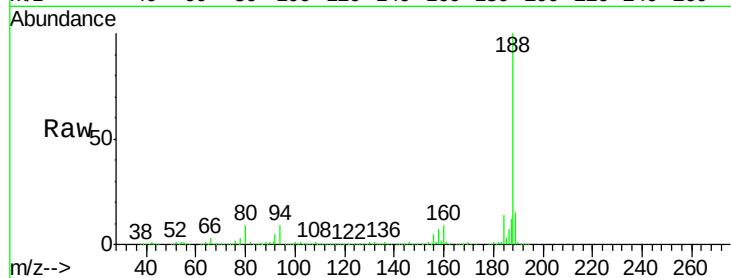
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
188	100	404630		
94	8.9	7.0	10.6	
80	9.4	7.7	11.5	

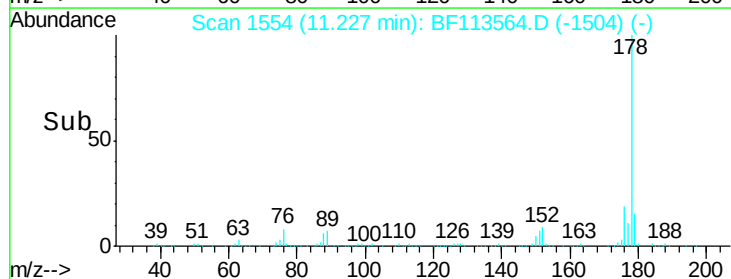
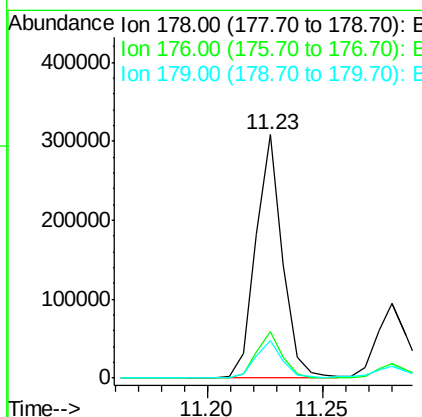
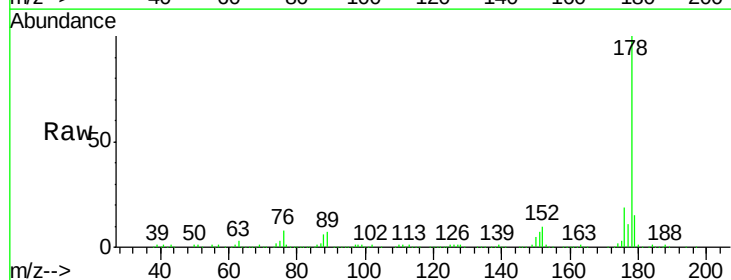
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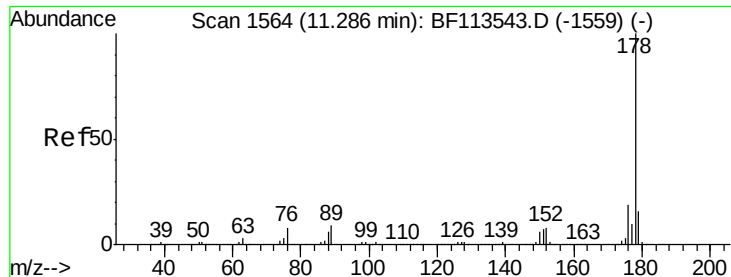
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#71
Phenanthrene
Concen: 12.359 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	248488		
176	19.1	16.2	24.2	
179	15.4	12.7	19.1	





#72

Anthracene

Concen: 4.070 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF113564.D

Acq: 4 Apr 2019 1:18

Instrument :

BNA_F

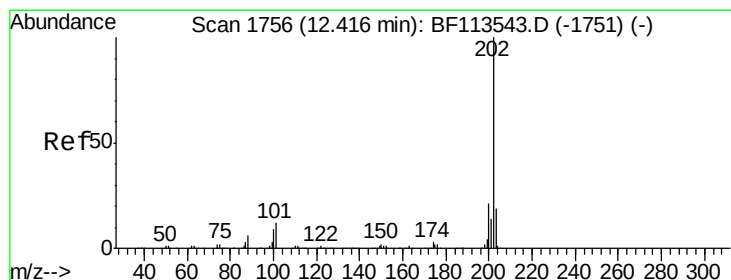
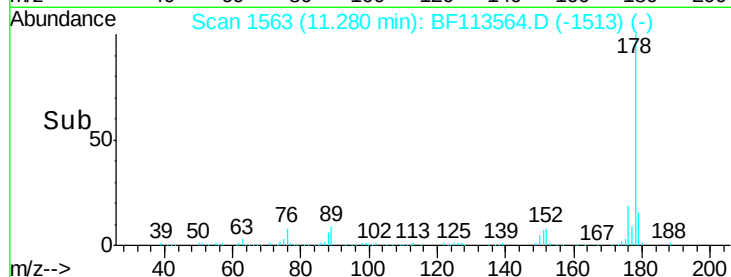
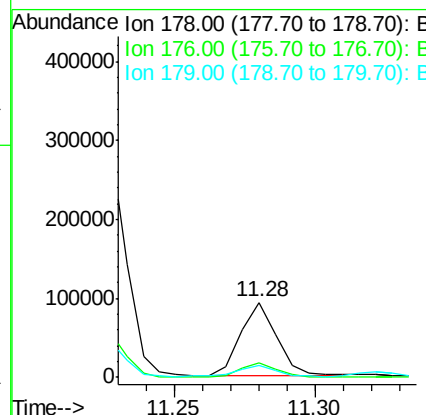
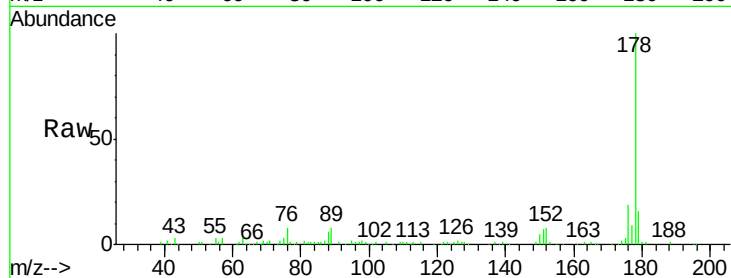
ClientSampleId :

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Tgt Ion:	178	Resp:	83260
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.4	23.2
179	16.4	12.8	19.2

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#75

Fluoranthene

Concen: 33.909 ng

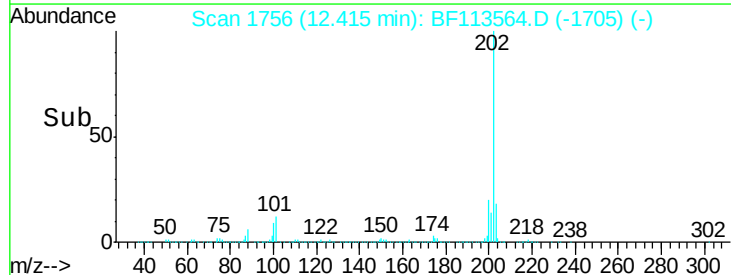
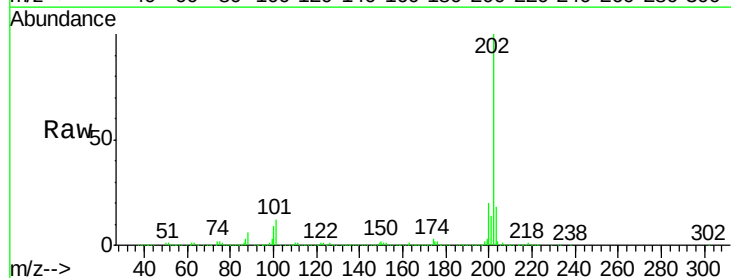
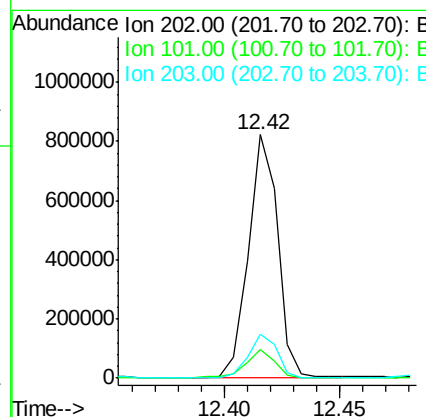
RT: 12.42 min Scan# 1756

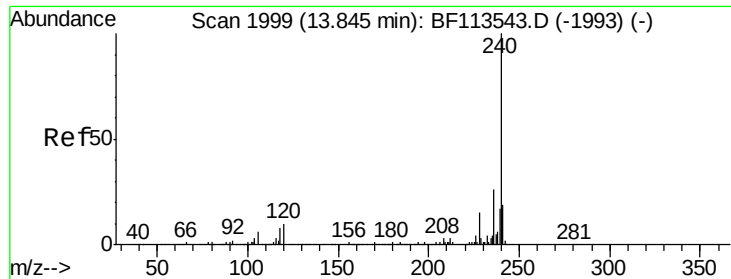
Delta R.T. -0.00 min

Lab File: BF113564.D

Acq: 4 Apr 2019 1:18

Tgt Ion:	202	Resp:	730574
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	31.4
203	18.2	0.0	38.0





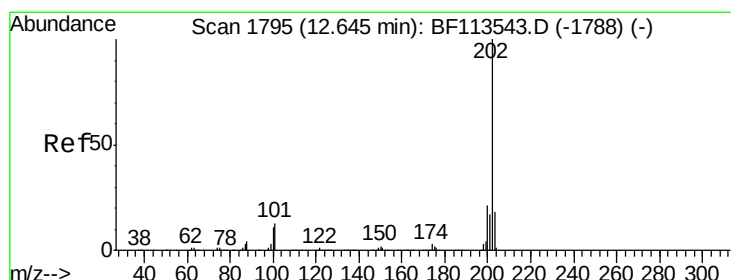
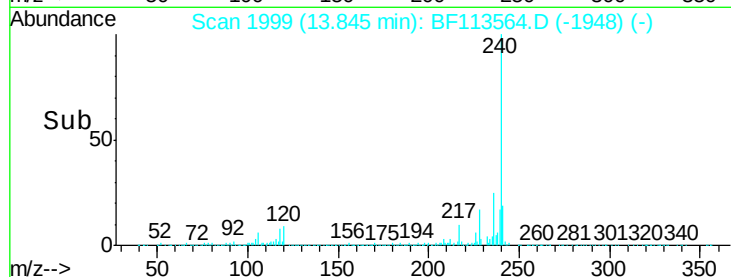
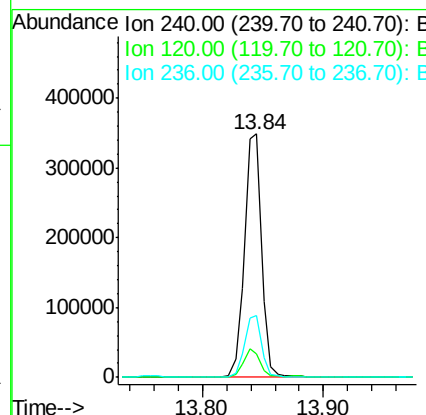
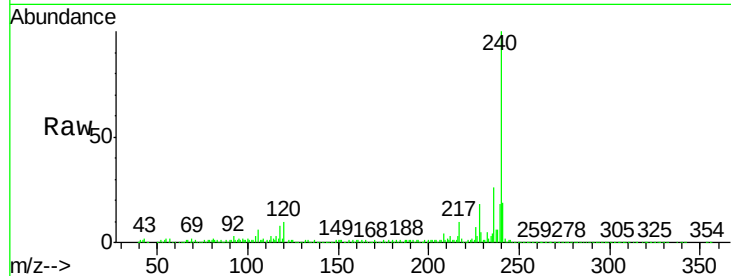
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SU-03-040219-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.5	8.8	13.2
236	25.6	20.9	31.3

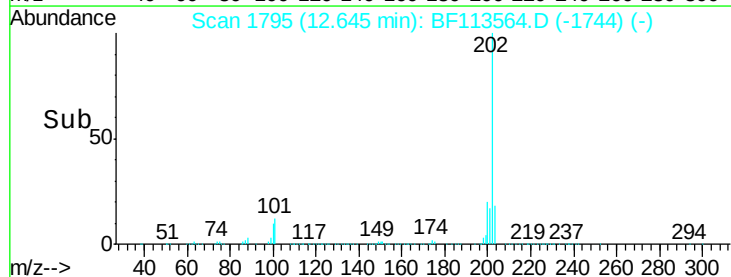
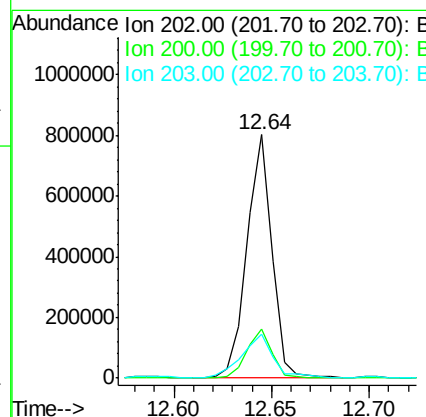
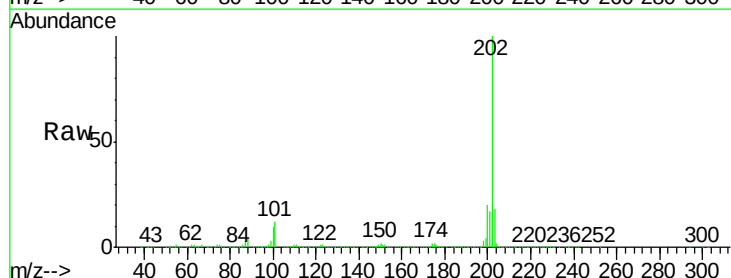
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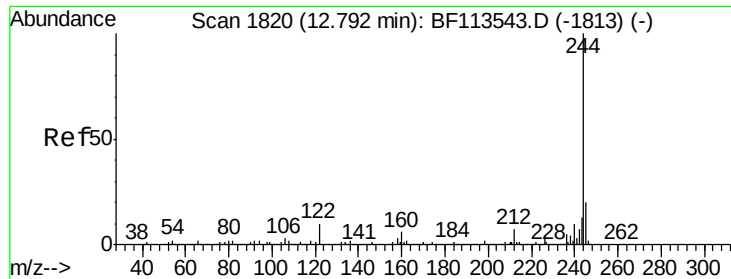
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#78
Pyrene
Concen: 27.191 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.3	16.8	25.2
203	17.9	14.4	21.6





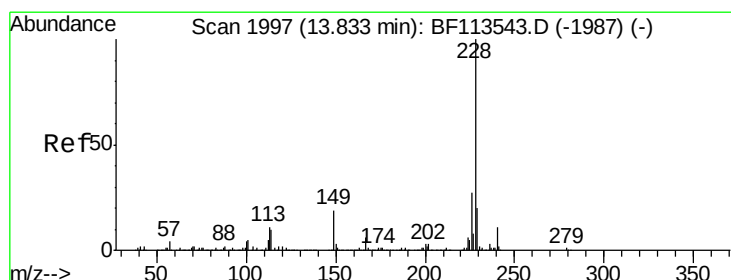
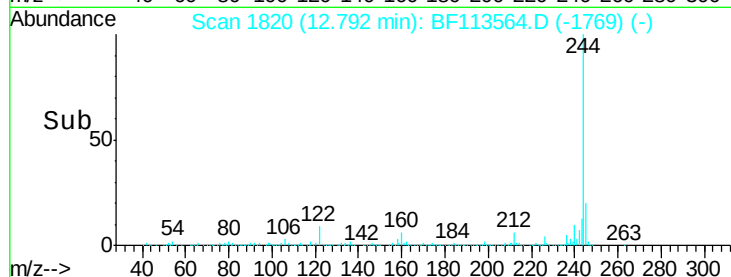
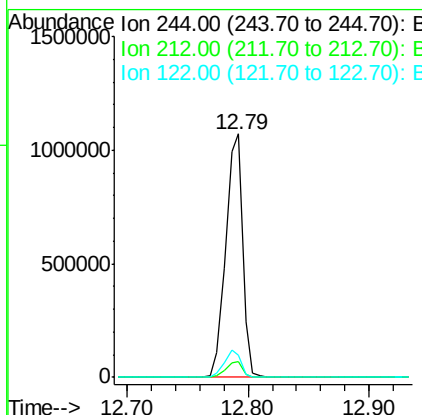
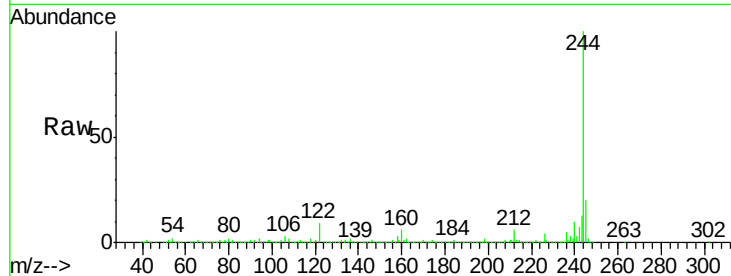
#79
 Terphenyl-d14
 Concen: 61.555 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113564.D
 Acq: 4 Apr 2019 1:18

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-040219-A

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	9.4	8.6	13.0

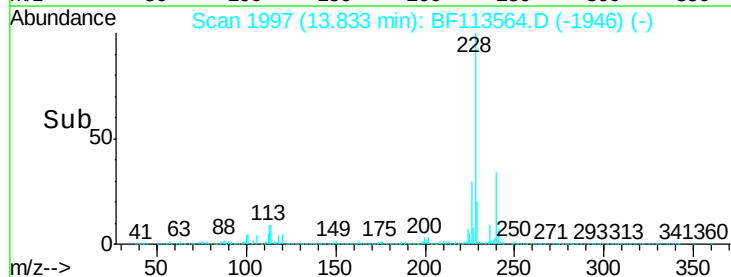
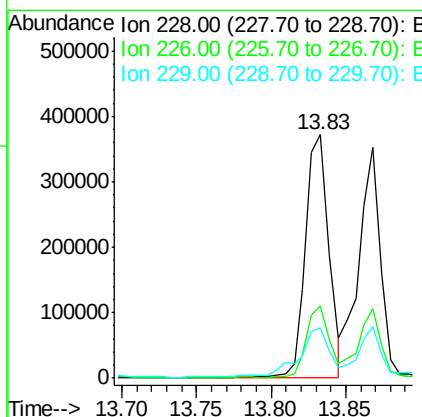
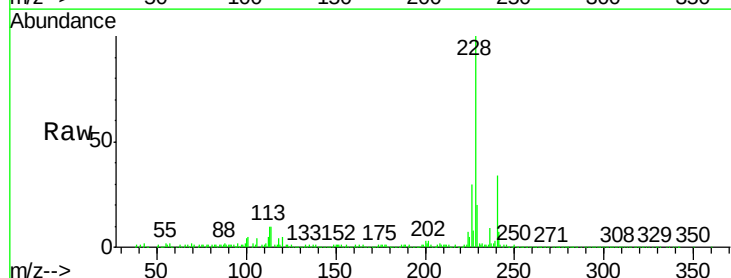
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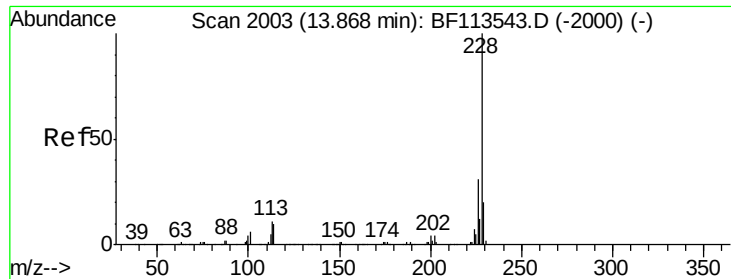
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#81
 Benzo(a)anthracene
 Concen: 20.190 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF113564.D
 Acq: 4 Apr 2019 1:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.8	32.8
229	20.4	16.2	24.4





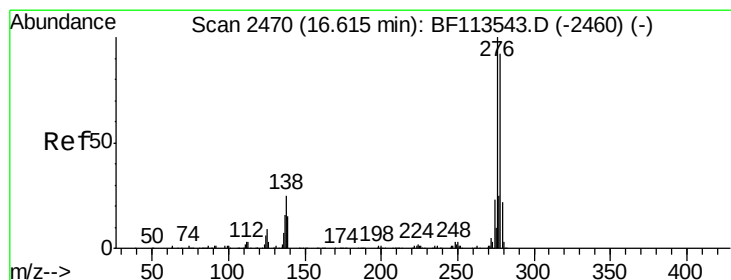
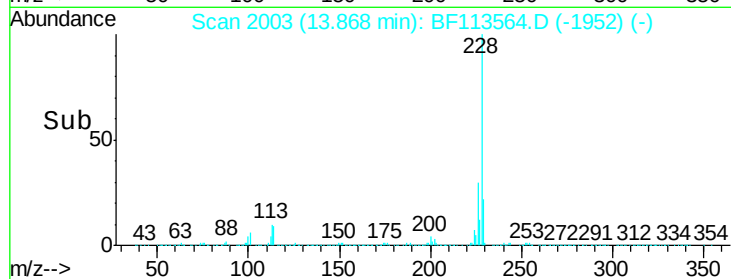
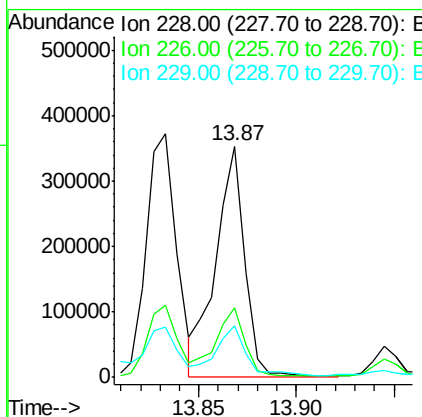
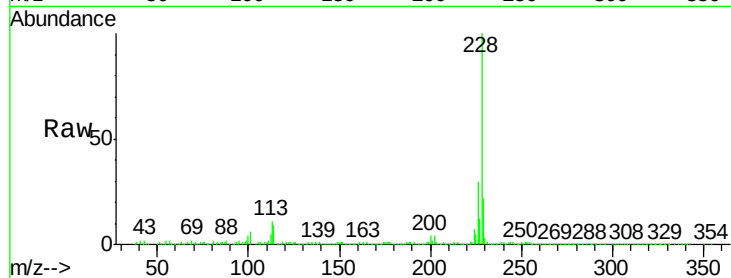
#83
Chrysene
Concen: 17.897 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SU-03-040219-A

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	360842		
226	29.9	24.3	36.5	
229	22.4	16.3	24.5	

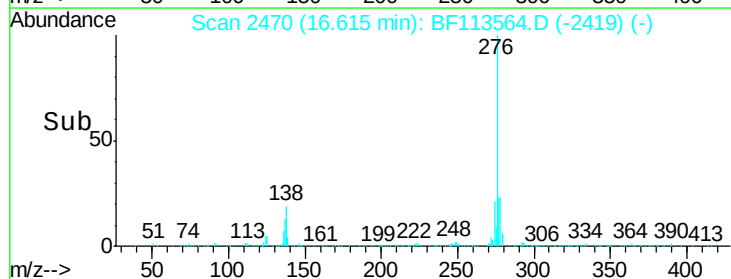
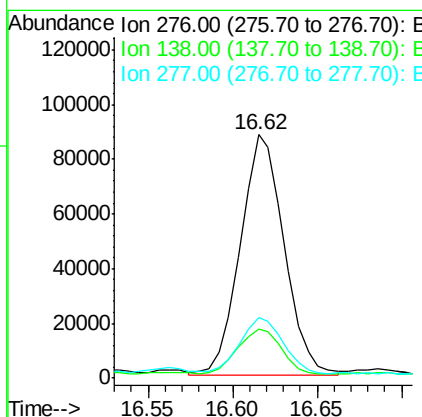
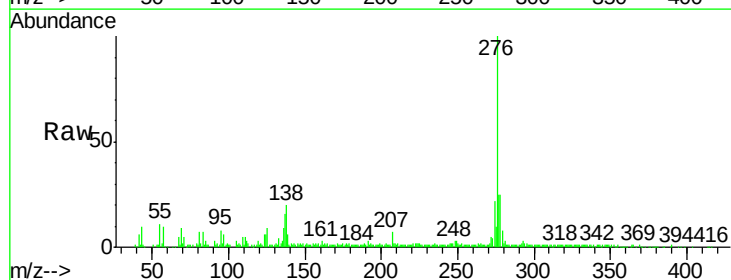
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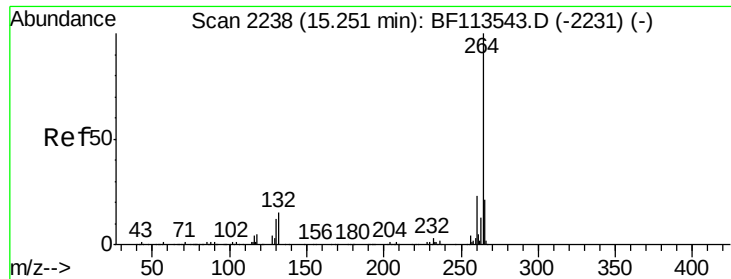
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#86
Indeno(1,2,3-cd)pyrene
Concen: 8.488 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	158005		
138	18.7	18.1	27.1	
277	22.3	20.2	30.4	





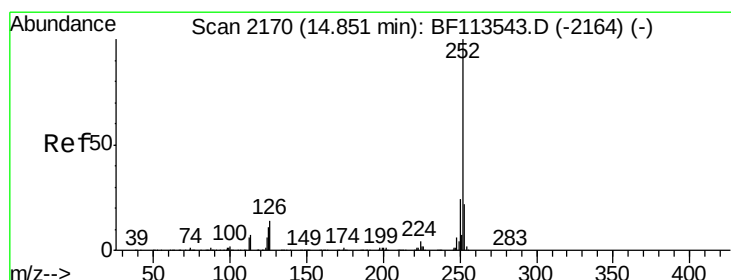
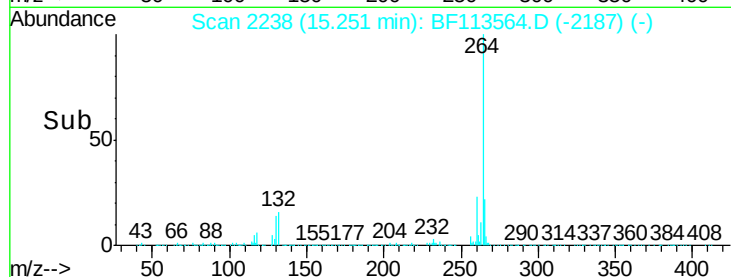
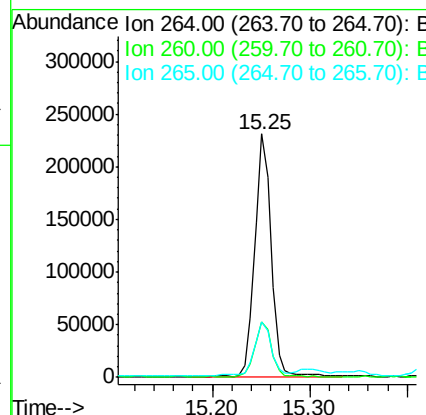
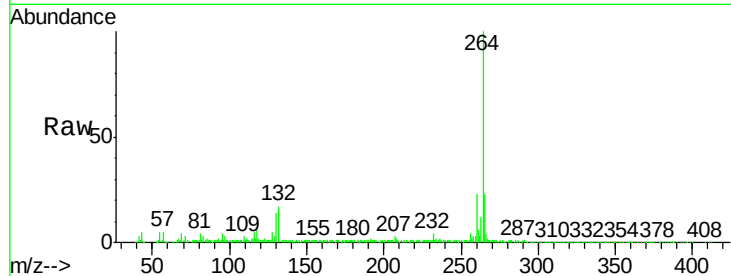
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SU-03-040219-A

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	268932		
260	23.0	19.1	28.7	
265	22.7	17.1	25.7	

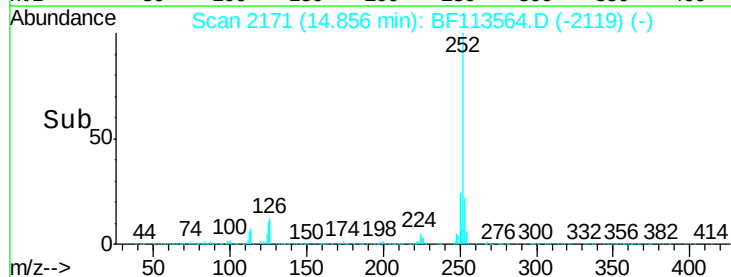
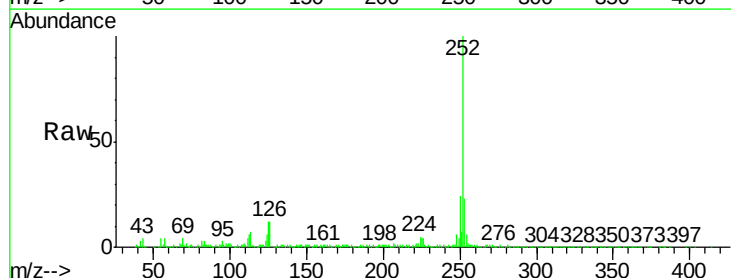
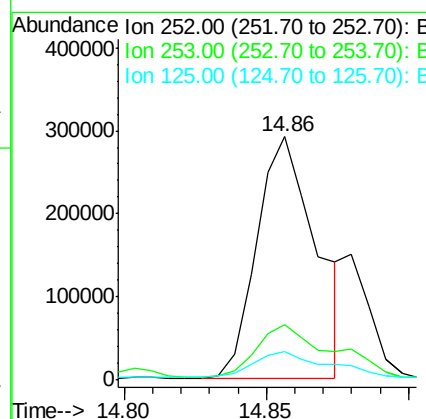
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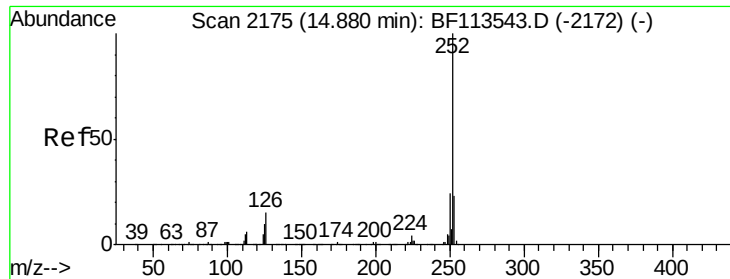
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#88
Benzo(b)fluoranthene
Concen: 25.877 ng m
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	425986		
253	23.0	18.0	27.0	
125	11.6	7.6	11.4	





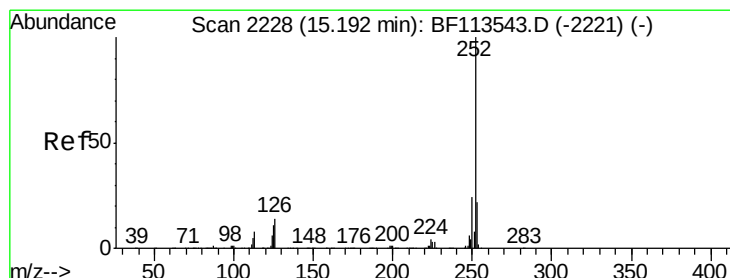
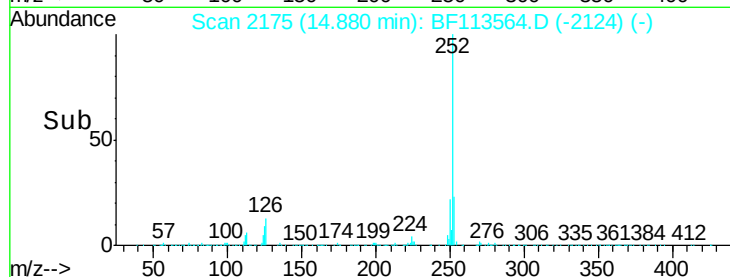
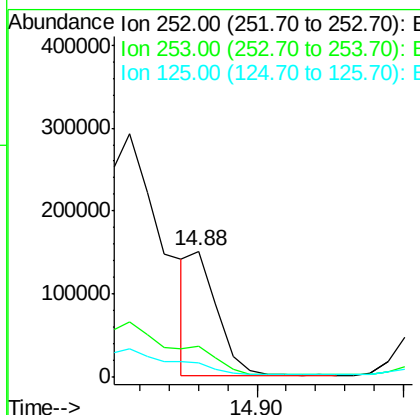
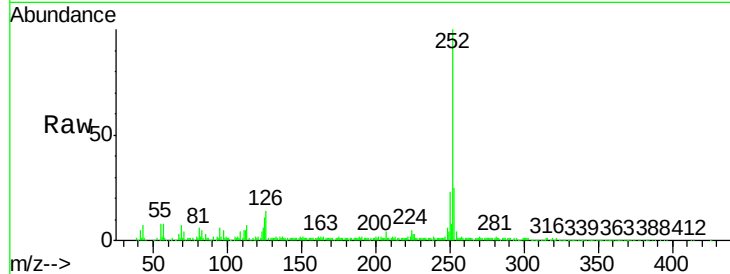
#89
Benzo(k)fluoranthene
Concen: 6.591 ng m
RT: 14.88 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SU-03-040219-A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.7	26.5
125	11.0	7.3	10.9

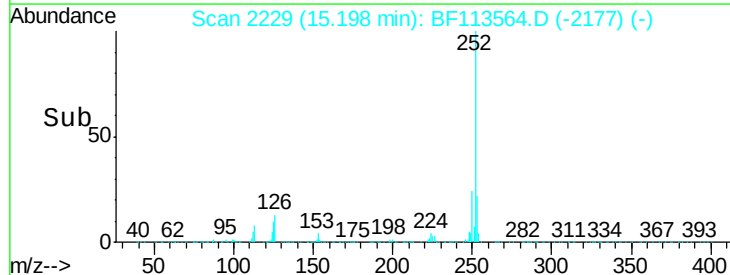
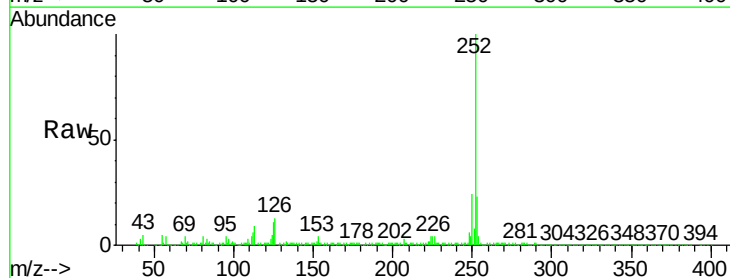
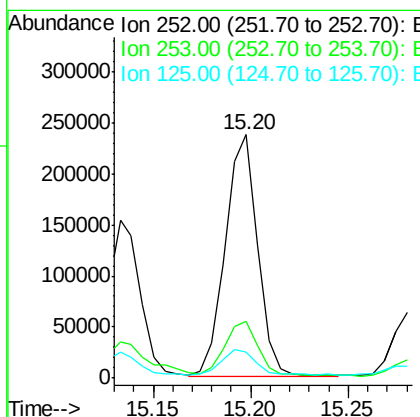
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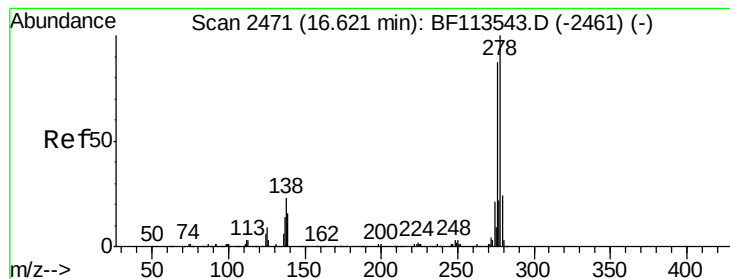
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#90
Benzo(a)pyrene
Concen: 18.605 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	10.9	8.8	13.2





#91

Dibenzo(a,h)anthracene

Concen: 3.109 ng

RT: 16.62 min Scan# 2470

Delta R.T. -0.01 min

Lab File: BF113564.D

Acq: 4 Apr 2019 1:18

Instrument :

BNA_F

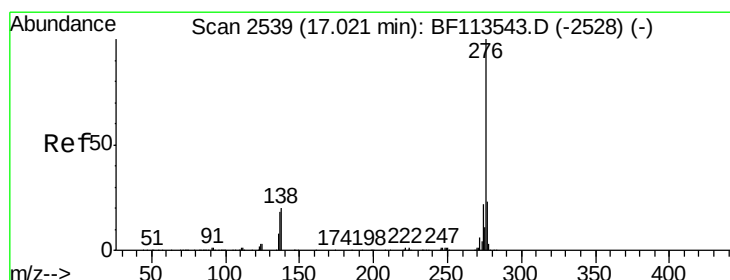
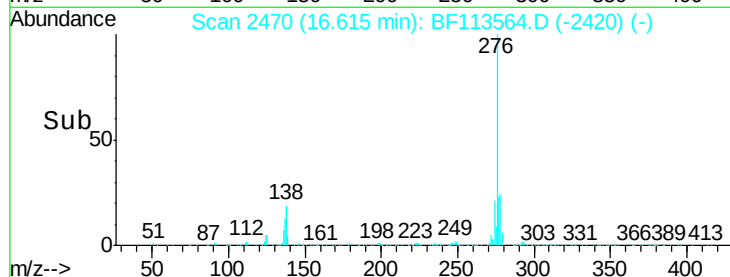
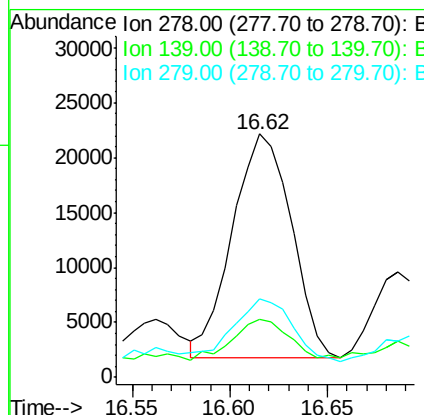
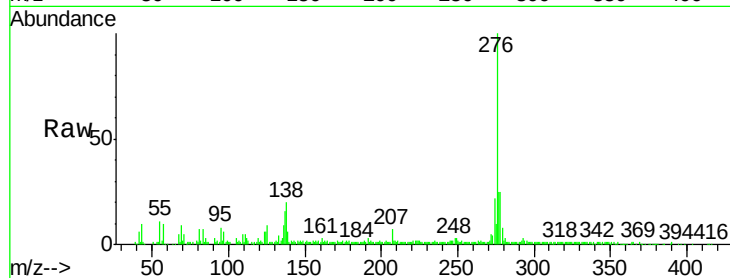
ClientSampleId :

SU-03-040219-A

Tgt Ion:	278	Resp:	42533
Ion Ratio	Lower	Upper	
278	100		
139	23.9	12.0	18.0#
279	32.0	19.0	28.6#

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 10.465 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF113564.D

Acq: 4 Apr 2019 1:18

Tgt Ion:	276	Resp:	146123
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.8	28.2
138	20.3	15.6	23.4

