

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113134.D
 Acq On : 19 Mar 2019 19:15
 Operator : JU/SJ
 Sample : K1935-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(6-7)

Manual Integrations
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Quant Time: Mar 20 02:25:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	165742	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	450422	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	180311	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	296021	20.00	ng	0.00
76) Chrysene-d12	13.87	240	242712	20.00	ng	0.00
87) Perylene-d12	15.29	264	206814	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	992076	93.11	ng	0.00
7) Phenol-d6	6.37	99	1287440	96.19	ng	0.00
23) Nitrobenzene-d5	7.29	82	739395	98.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	220036	114.95	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1017680	97.16	ng	0.00
79) Terphenyl-d14	12.83	244	767667	61.31	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	79880	6.008	ng	Qvalue # 92
52) Acenaphthene	9.79	154	53539	4.696	ng	96
71) Phenanthrene	11.27	178	102451	6.956	ng	# 92
72) Anthracene	11.32	178	46087	2.989	ng	# 77
75) Fluoranthene	12.46	202	159571	10.113	ng	95
78) Pyrene	12.69	202	214219	10.470	ng	97
81) Benzo(a)anthracene	13.87	228	134707	8.008	ng	# 89
83) Chrysene	13.90	228	154852	9.398	ng	# 89
86) Indeno(1,2,3-cd)pyrene	16.65	276	58850	4.189	ng	# 92
88) Benzo(b)fluoranthene	14.89	252	138019m	10.317	ng	
89) Benzo(k)fluoranthene	14.91	252	42066m	3.472	ng	
90) Benzo(a)pyrene	15.23	252	112463	9.505	ng	# 86
91) Dibenzo(a,h)anthracene	16.66	278	31557	3.125	ng	# 65
92) Benzo(g,h,i)perylene	17.06	276	92394	9.113	ng	96

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

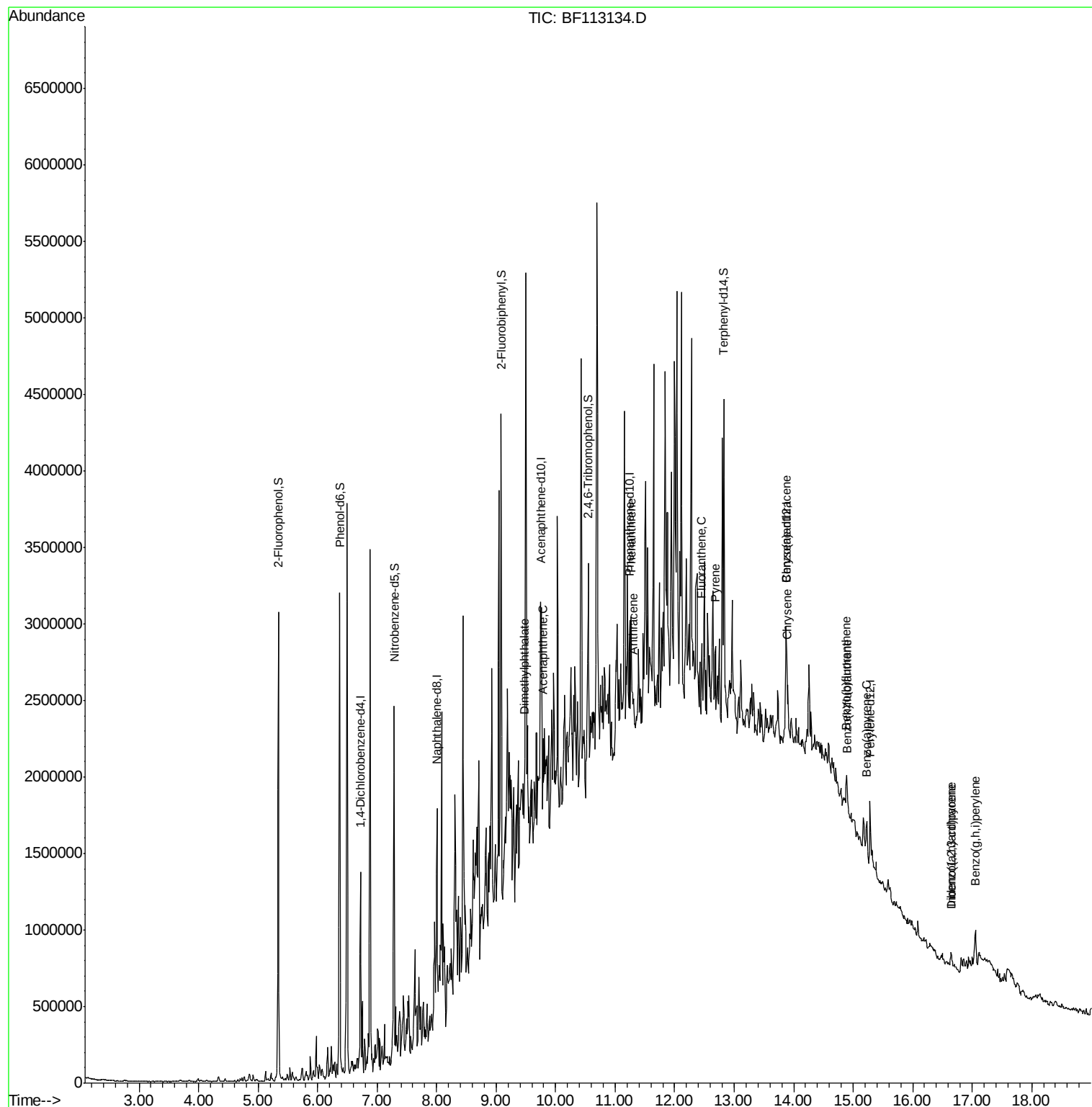
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113134.D
Acq On : 19 Mar 2019 19:15
Operator : JU/SJ
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BNA_F
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SB-7(6-7)

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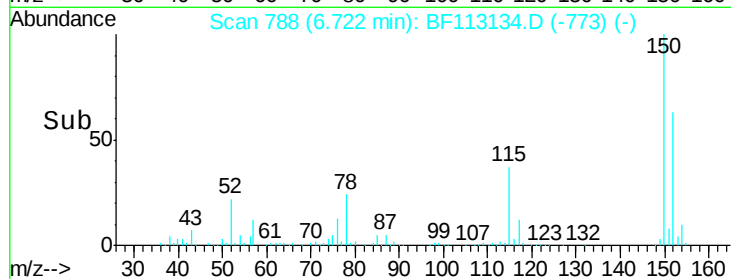
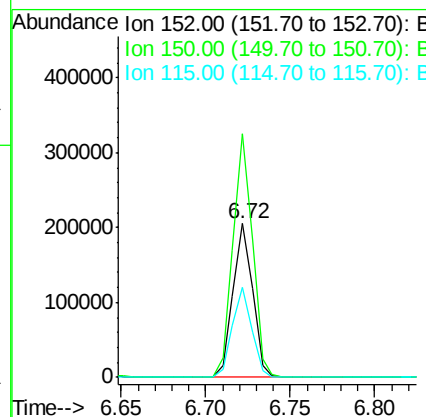
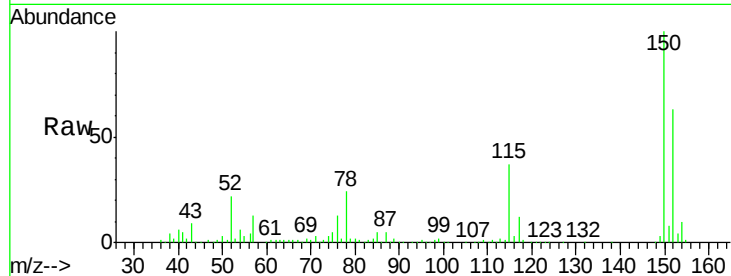
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF113134.D
 Acq: 19 Mar 2019 19:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(6-7)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.2	186.2
115	58.6	48.2	72.4

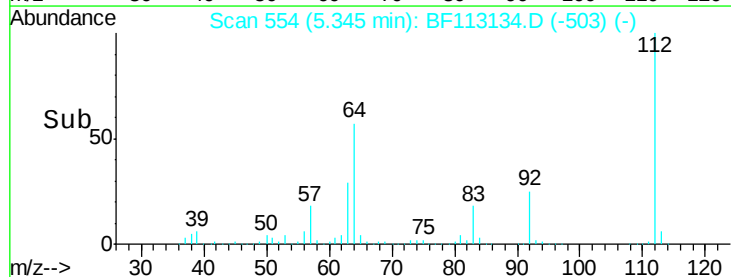
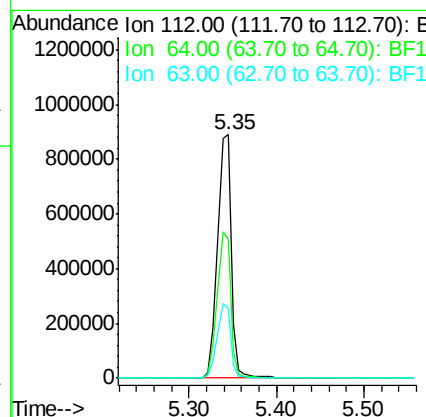
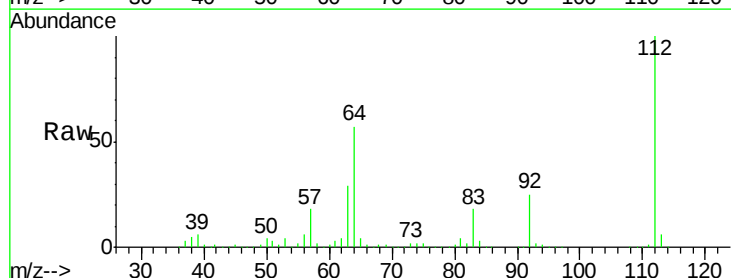
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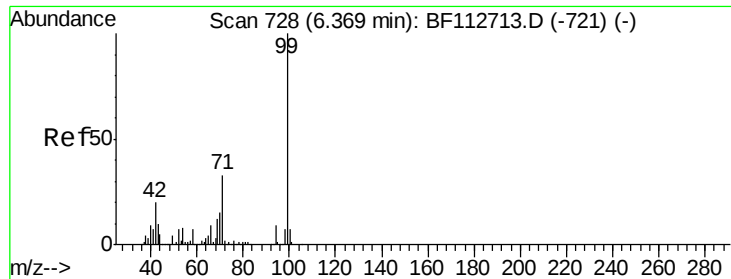
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#5
 2-Fluorophenol
 Concen: 93.110 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF113134.D
 Acq: 19 Mar 2019 19:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.6	71.4
63	28.8	24.4	36.6





#7

Phenol-d6

Concen: 96.190 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113134.D

Acq: 19 Mar 2019 19:15

Instrument :

BNA_F

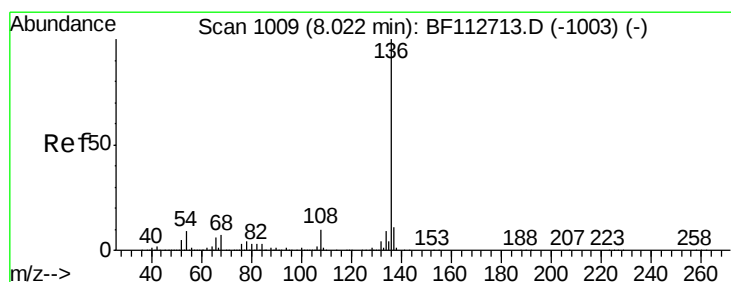
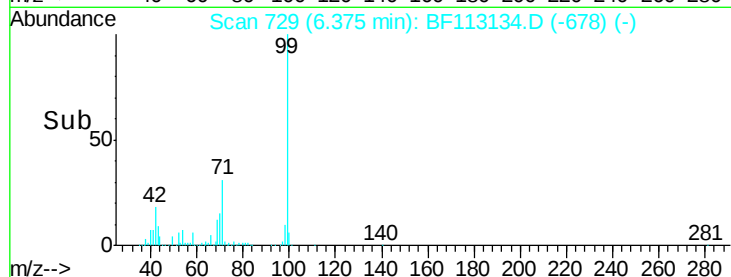
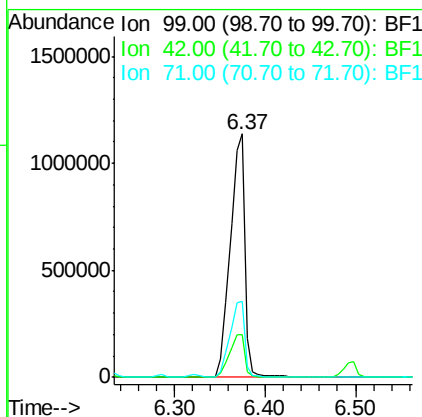
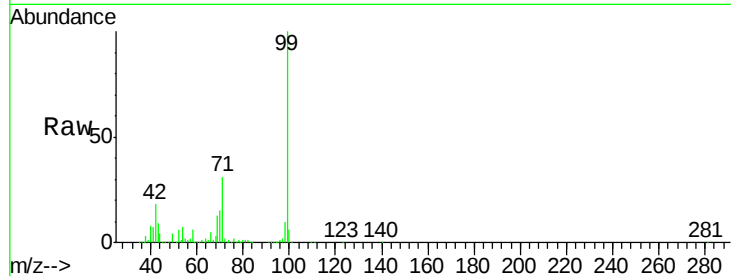
ClientSampleId :

SB-7(6-7)

Tgt Ion:	99	Resp:	1287440
Ion	Ratio	Lower	Upper
99	100		
42	17.7	16.3	24.5
71	31.3	26.2	39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

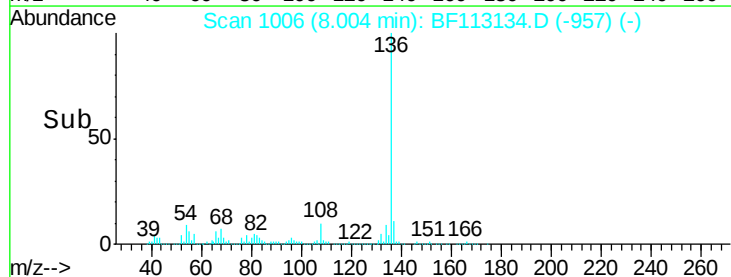
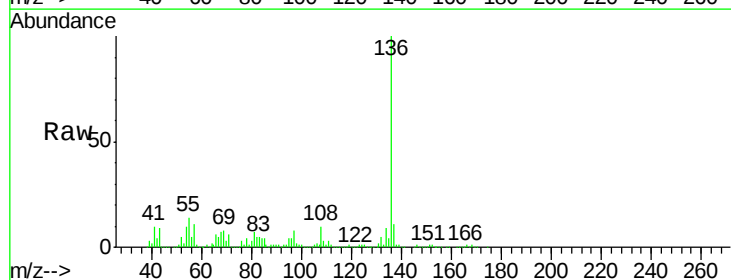
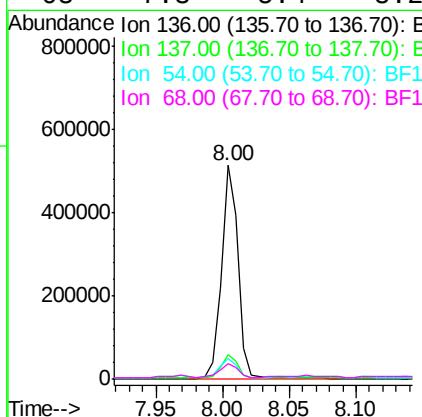
RT: 8.00 min Scan# 1006

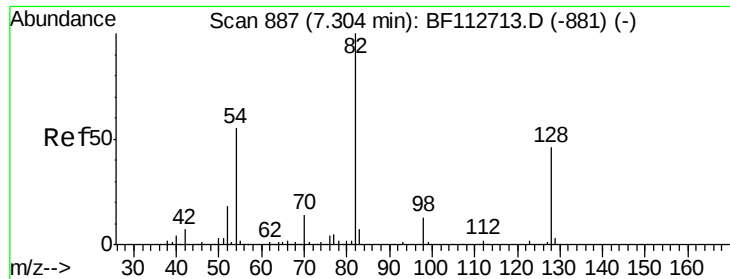
Delta R.T. -0.01 min

Lab File: BF113134.D

Acq: 19 Mar 2019 19:15

Tgt Ion:	136	Resp:	450422
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.6	7.3	10.9
68	7.3	5.4	8.2





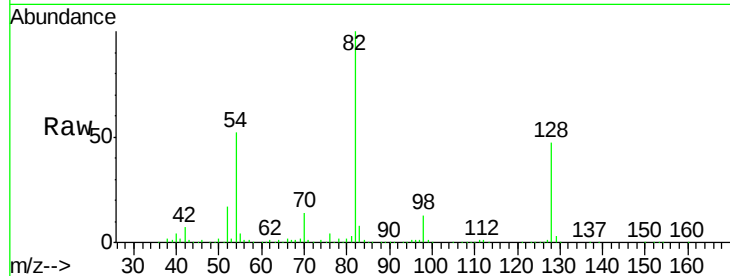
#23
Nitrobenzene-d5
Concen: 98.228 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113134.D
Acq: 19 Mar 2019 19:15

Instrument :
BNA_F
ClientSampled :
SB-7(6-7)

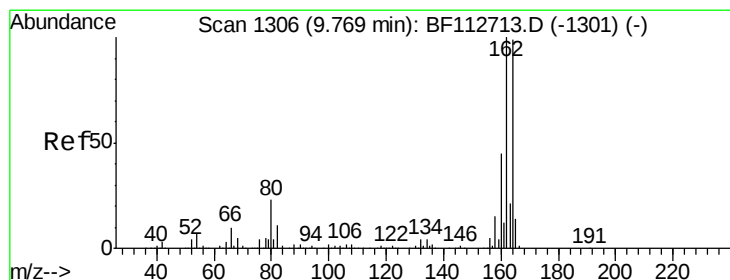
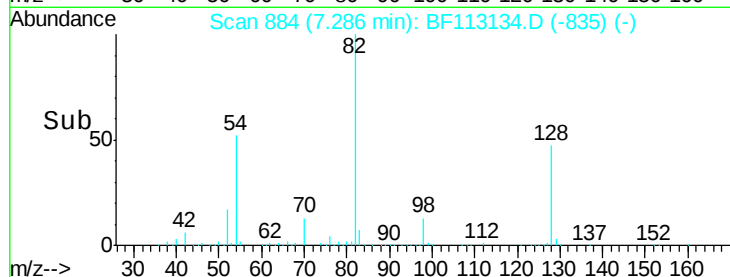
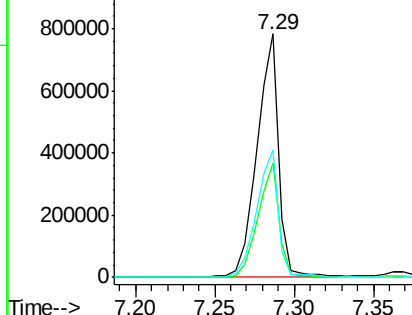
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	739395		
128	46.9	36.3	54.5	
54	52.0	43.7	65.5	

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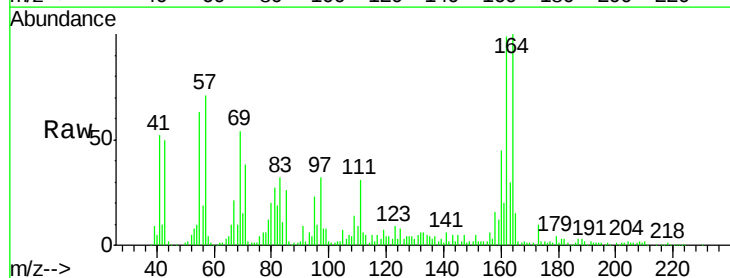


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

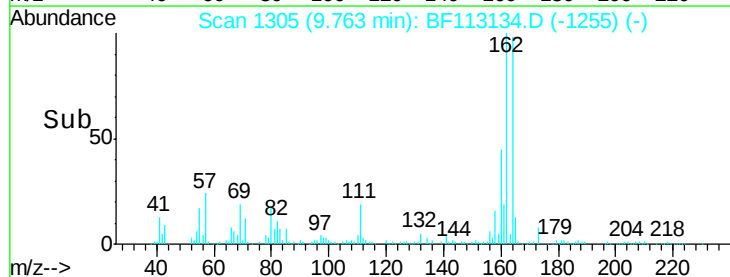
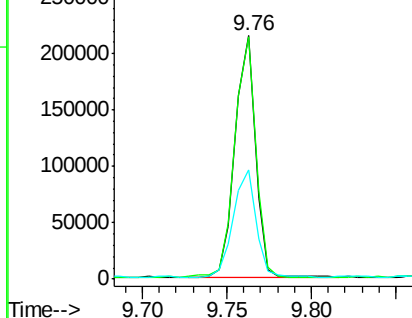


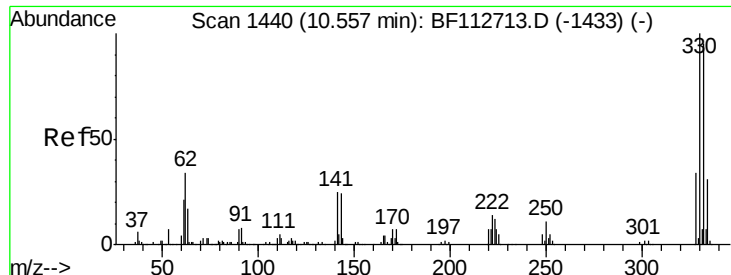
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113134.D
Acq: 19 Mar 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	180311		
162	99.4	80.6	120.8	
160	45.1	36.0	54.0	



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





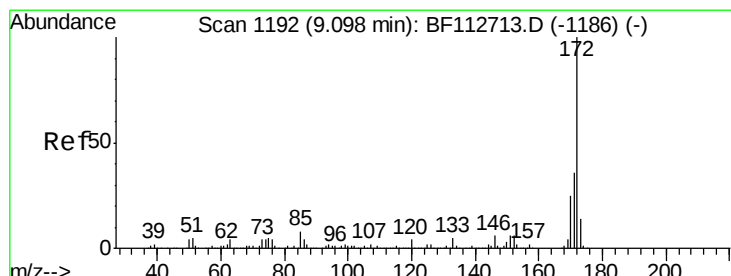
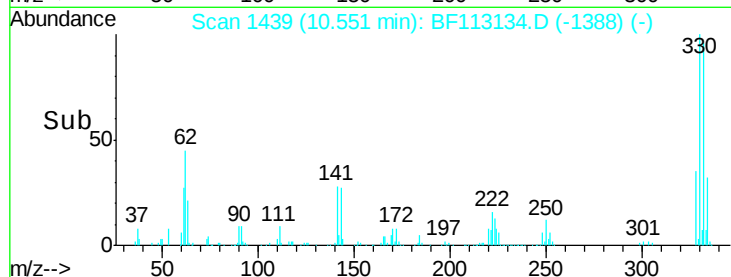
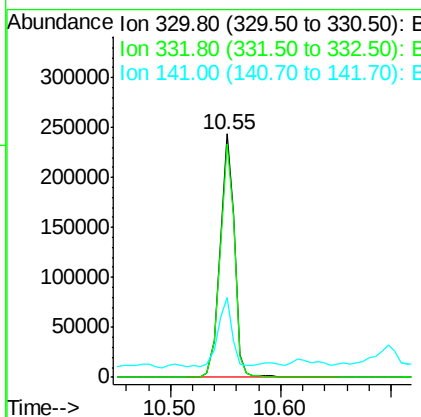
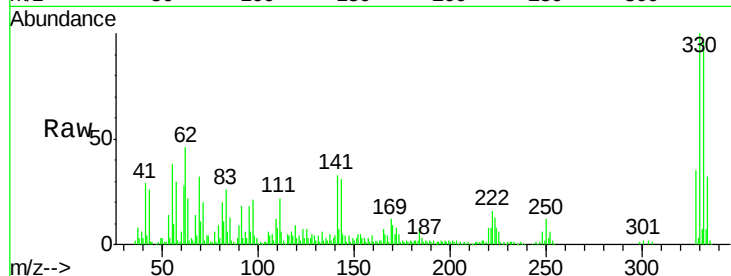
#42
 2,4,6-Tribromophenol
 Concen: 114.948 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF113134.D
 Acq: 19 Mar 2019 19:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(6-7)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.2	114.4
141	26.7	27.0	40.6

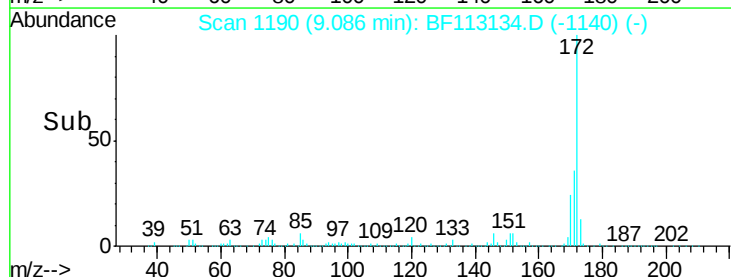
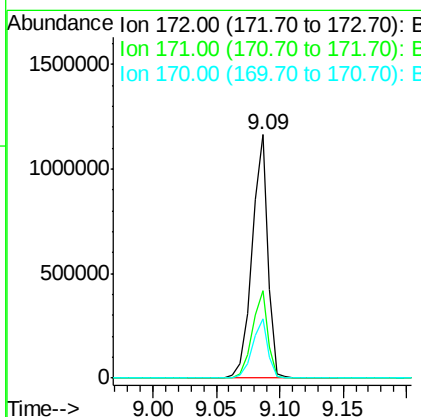
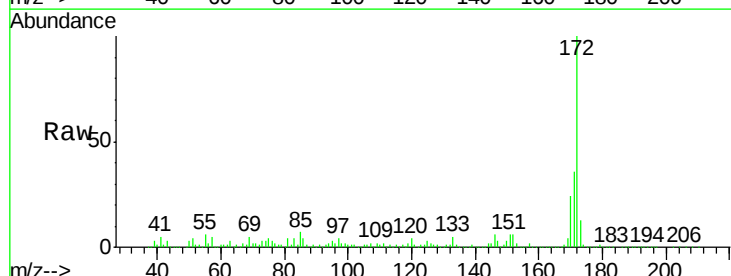
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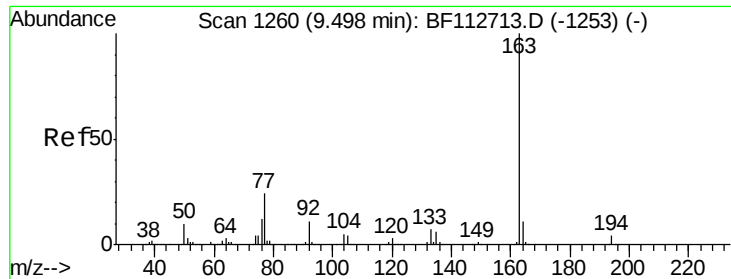
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#45
 2-Fluorobiphenyl
 Concen: 97.162 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113134.D
 Acq: 19 Mar 2019 19:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.5	20.0	30.0





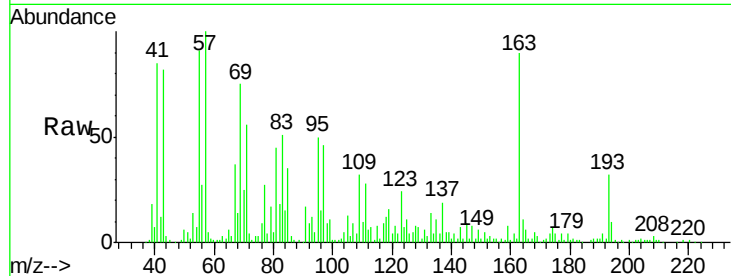
#50
Dimethylphthalate
Concen: 6.008 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113134.D
Acq: 19 Mar 2019 19:15

Instrument :
BNA_F
ClientSampled :
SB-7(6-7)

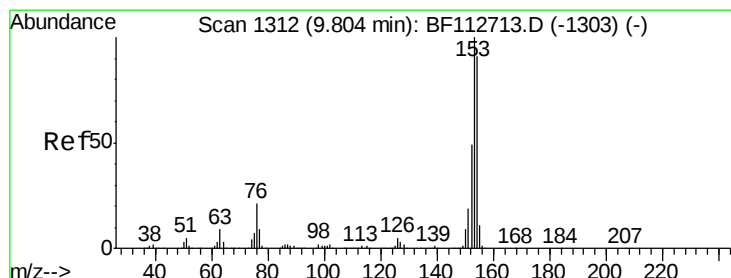
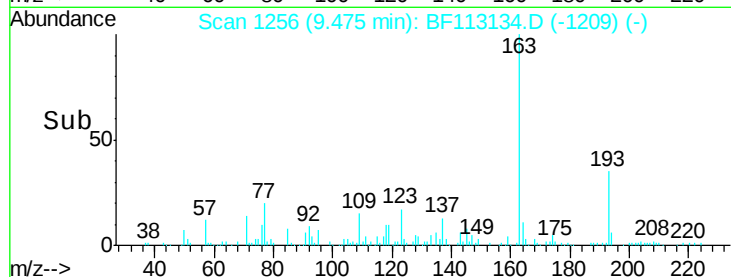
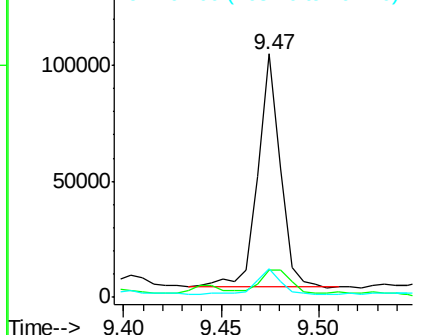
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	79880		
194	11.2	3.0	4.4#	
164	11.7	8.4	12.6	

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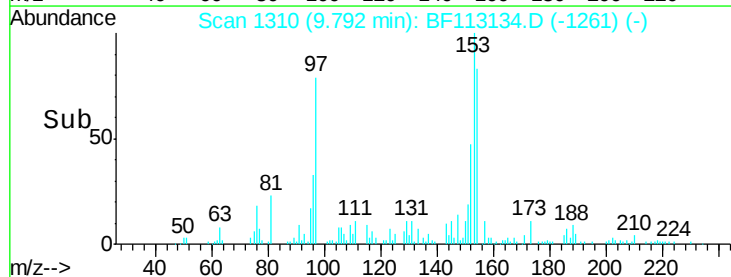
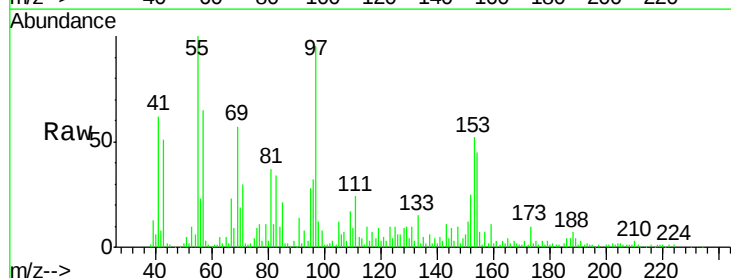
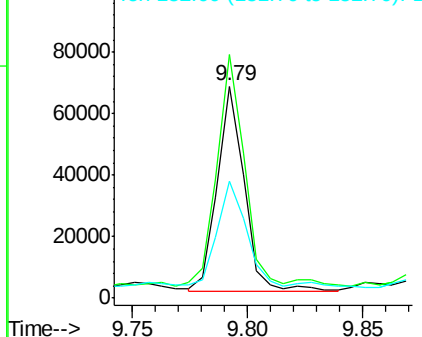
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

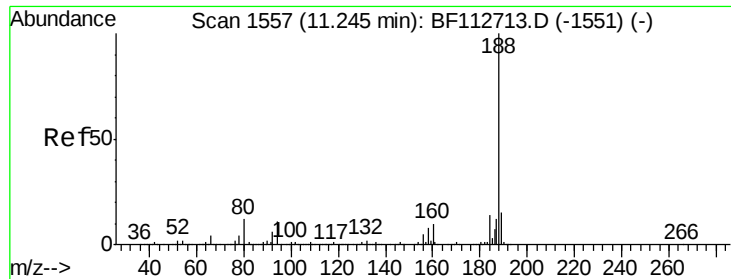


#52
Acenaphthene
Concen: 4.696 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF113134.D
Acq: 19 Mar 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	53539		
153	115.0	87.8	131.8	
152	55.4	43.0	64.6	

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF113134.D

Acq: 19 Mar 2019 19:15

Instrument :

BNA_F

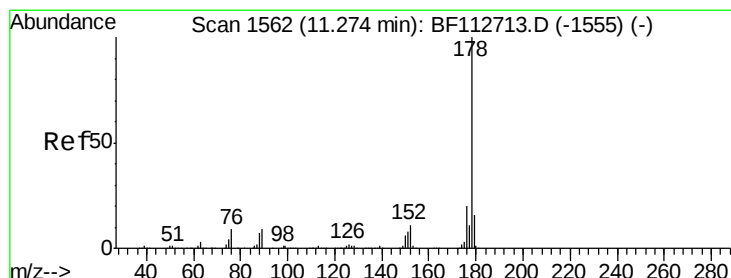
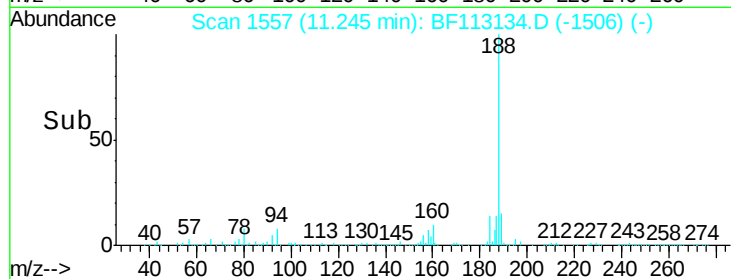
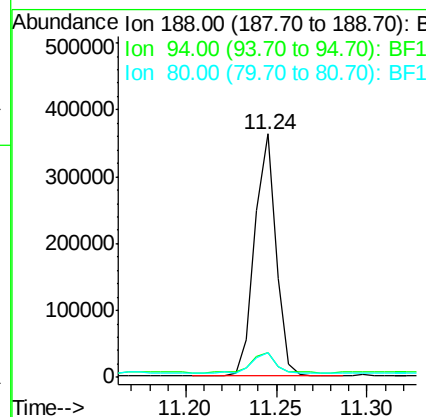
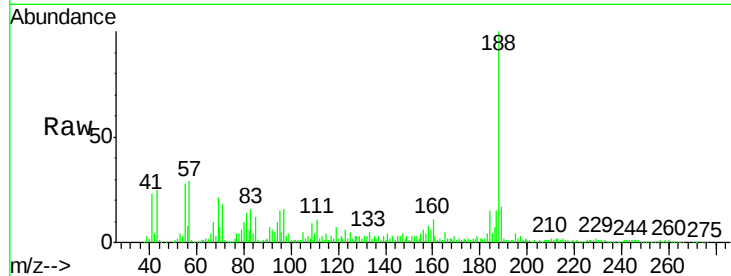
ClientSampled :

SB-7(6-7)

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.1	9.0	13.4
80	9.9	9.2	13.8

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#71

Phenanthrene

Concen: 6.956 ng

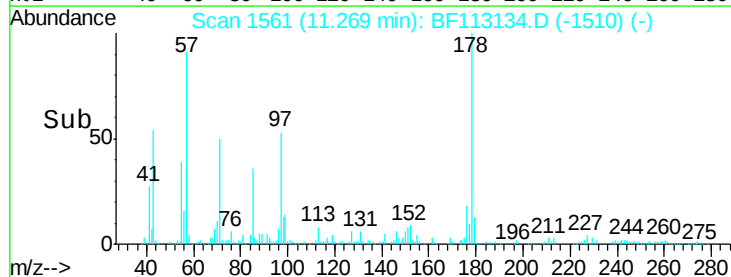
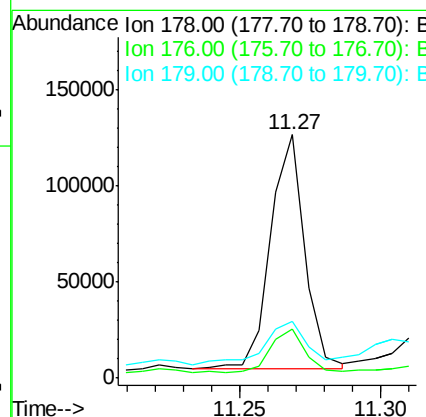
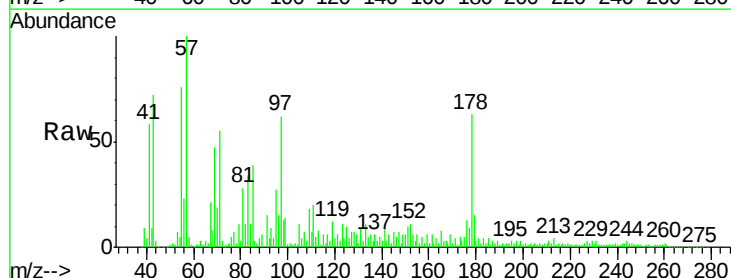
RT: 11.27 min Scan# 1561

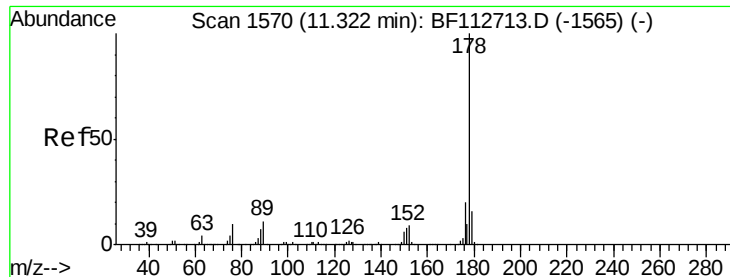
Delta R.T. -0.00 min

Lab File: BF113134.D

Acq: 19 Mar 2019 19:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.9	16.3	24.5
179	23.3	12.7	19.1#





#72

Anthracene

Concen: 2.989 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF113134.D

Acq: 19 Mar 2019 19:15

Instrument :

BNA_F

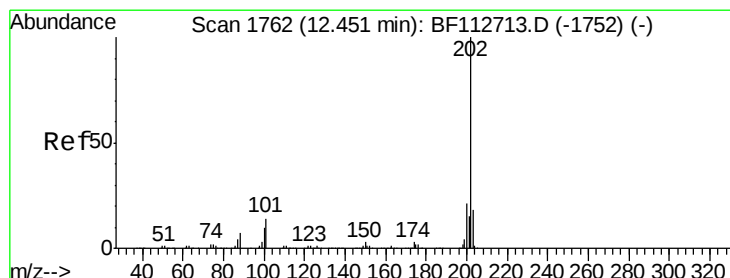
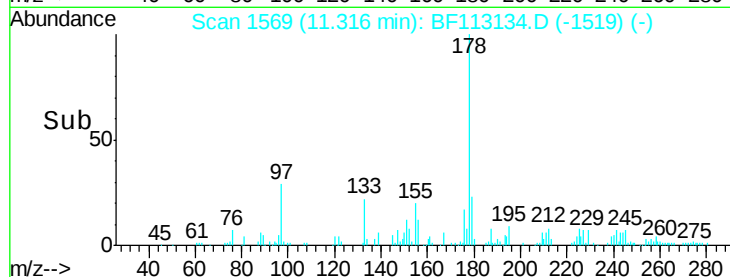
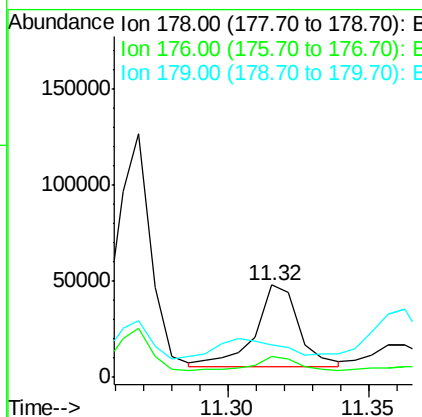
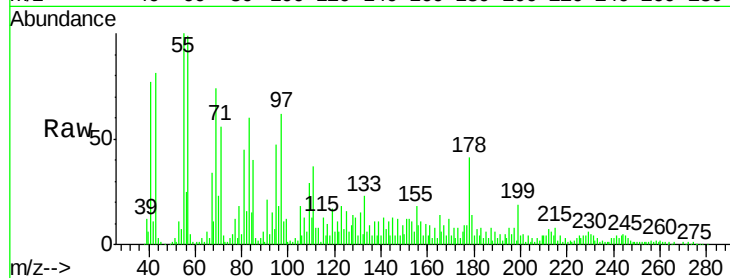
ClientSampleId :

SB-7(6-7)

Tgt Ion:	178	Resp:	46087
Ion Ratio	Lower	Upper	
178	100		
176	22.3	15.8	23.6
179	34.8	13.0	19.6

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#75

Fluoranthene

Concen: 10.113 ng

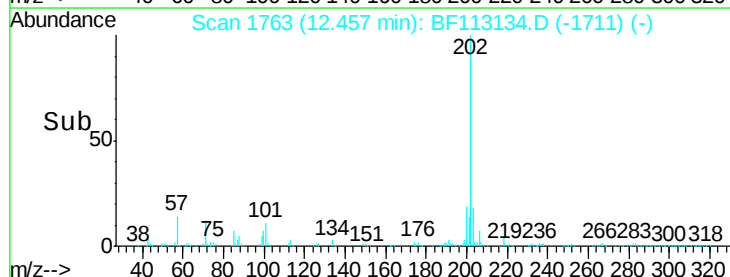
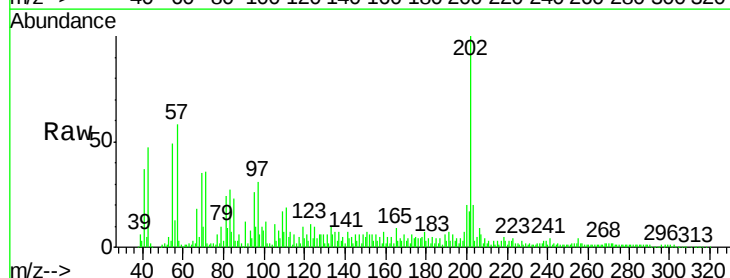
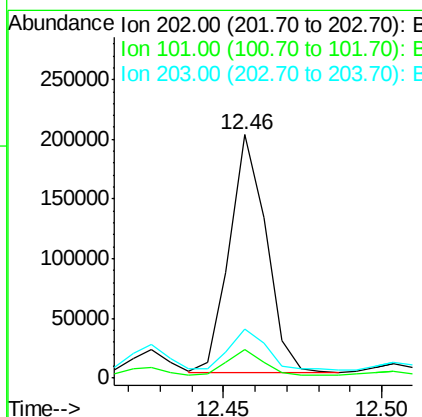
RT: 12.46 min Scan# 1763

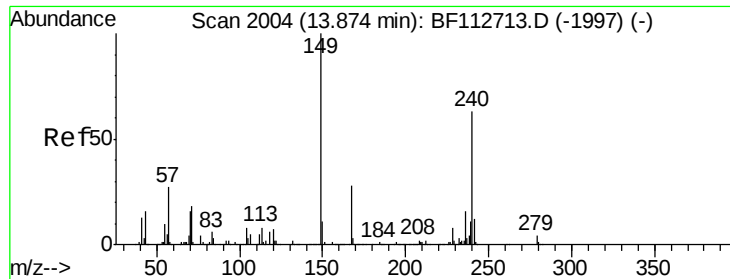
Delta R.T. 0.01 min

Lab File: BF113134.D

Acq: 19 Mar 2019 19:15

Tgt Ion:	202	Resp:	159571
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	33.8
203	20.4	0.0	38.4





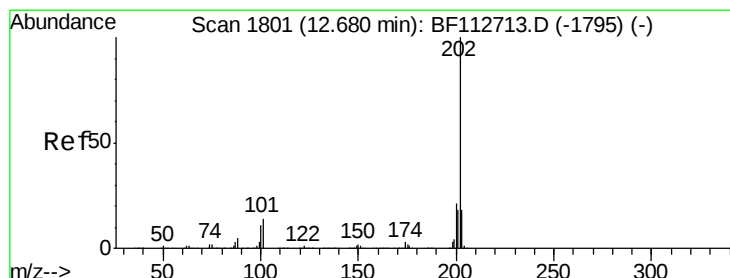
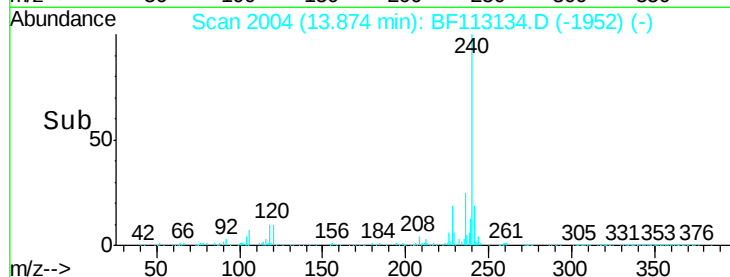
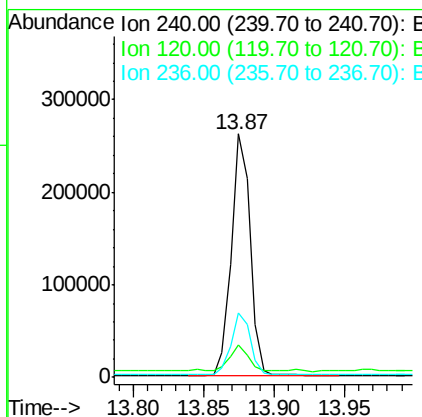
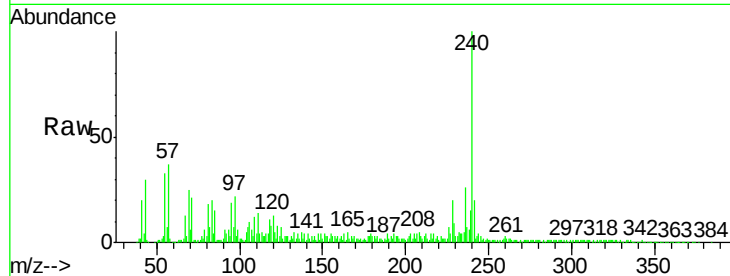
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF113134.D
Acq: 19 Mar 2019 19:15

Instrument :
BNA_F
ClientSampleId :
SB-7(6-7)

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	13.1	8.9	13.3
236	26.4	20.7	31.1

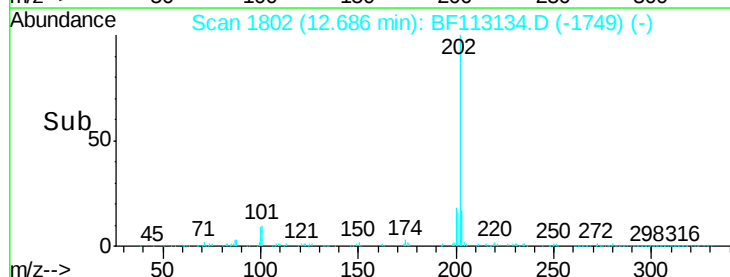
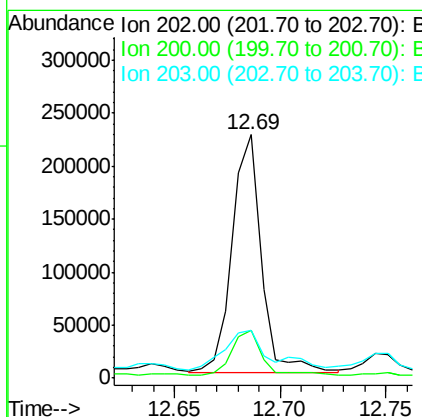
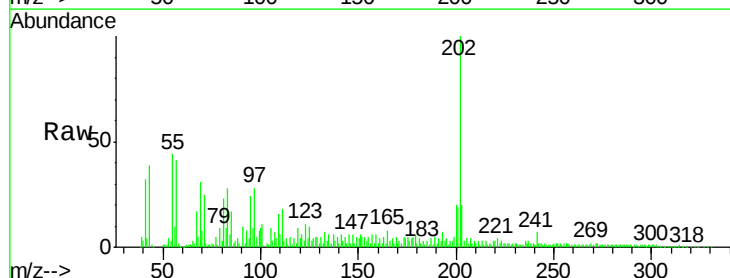
Manual Integrations
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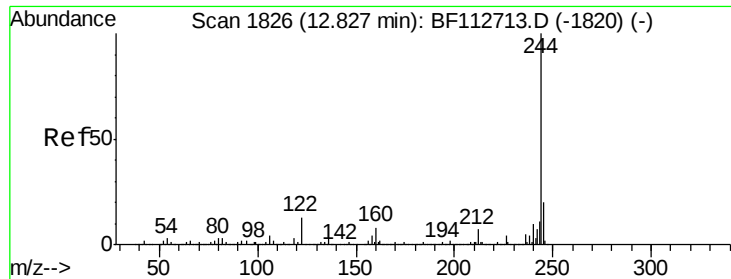
Sohil
3/20/2019 6:51:25 PM



#78
Pyrene
Concen: 10.470 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF113134.D
Acq: 19 Mar 2019 19:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.7	17.0	25.4
203	19.7	14.4	21.6





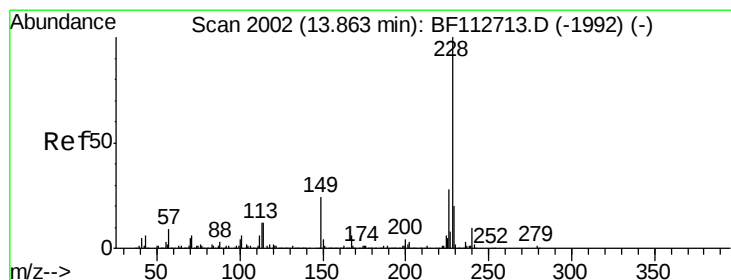
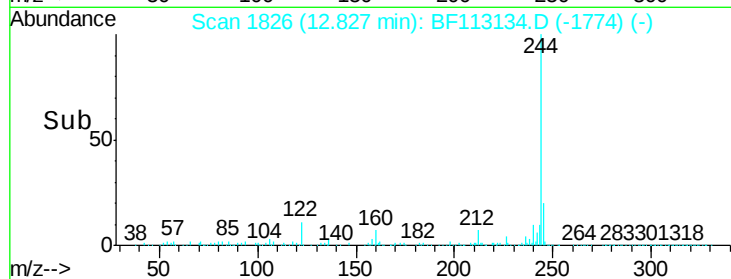
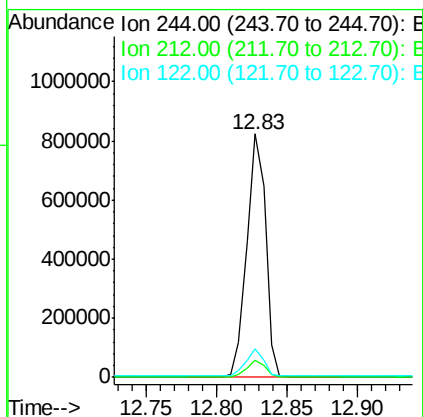
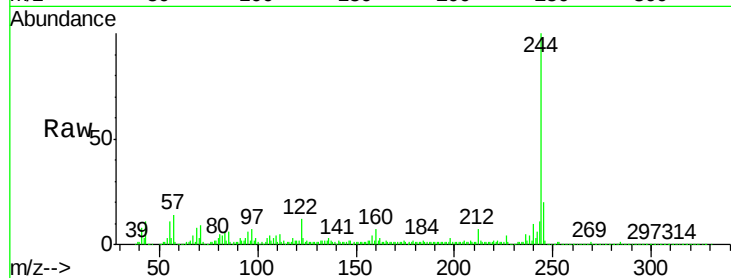
#79
 Terphenyl-d14
 Concen: 61.312 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BF113134.D
 Acq: 19 Mar 2019 19:15

Instrument :
 BNA_F
 ClientSampled :
 SB-7(6-7)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.7	10.5	15.7

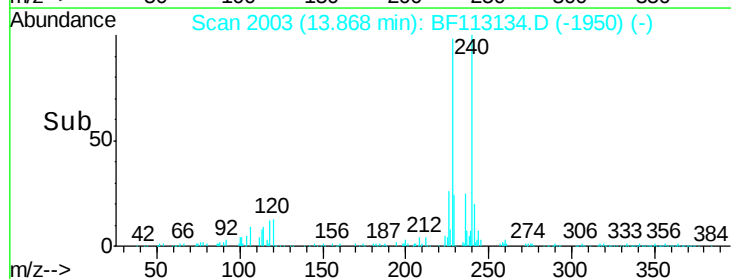
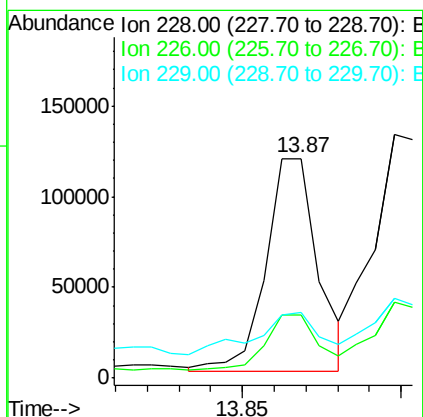
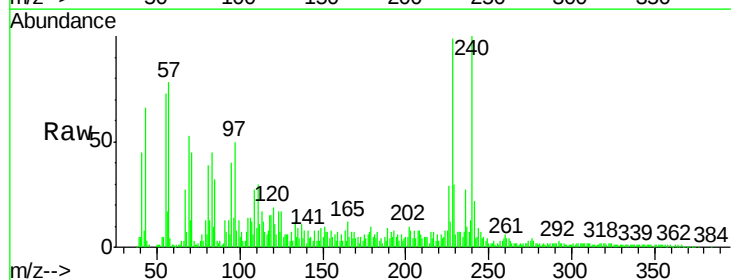
Manual Integrations
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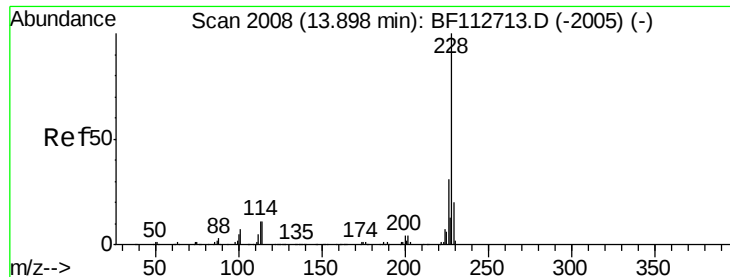
Sohil
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#81
 Benzo(a)anthracene
 Concen: 8.008 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.01 min
 Lab File: BF113134.D
 Acq: 19 Mar 2019 19:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.2	33.4
229	30.2	16.0	24.0





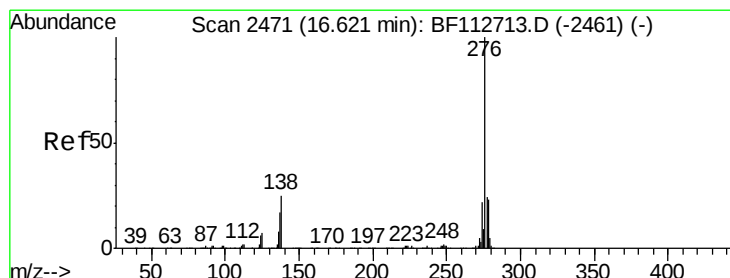
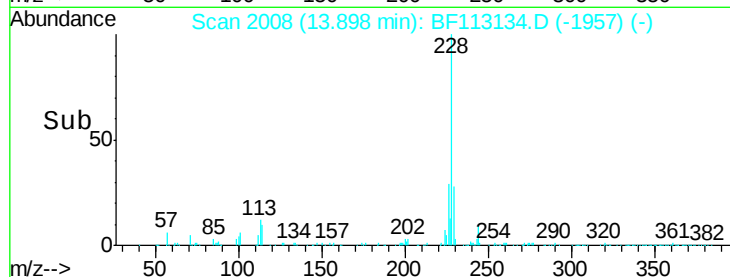
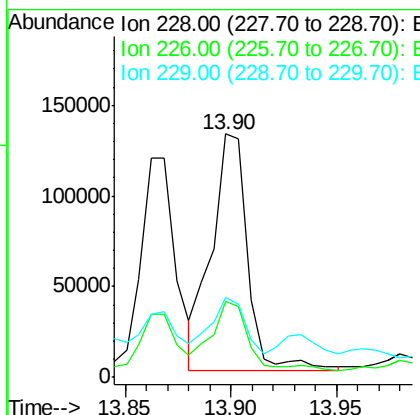
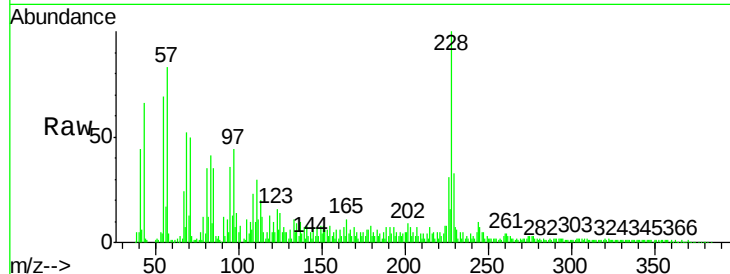
#83
Chrysene
Concen: 9.398 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF113134.D
Acq: 19 Mar 2019 19:15

Instrument :
BNA_F
ClientSampleId :
SB-7(6-7)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	32.5	16.3	24.5

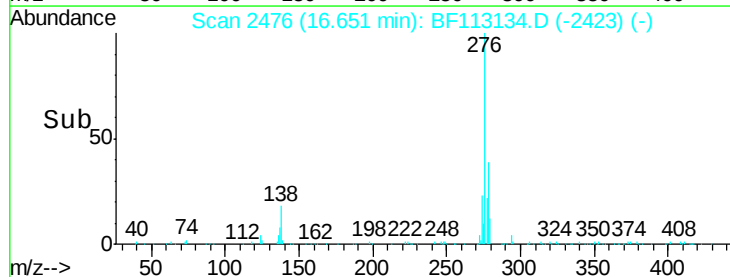
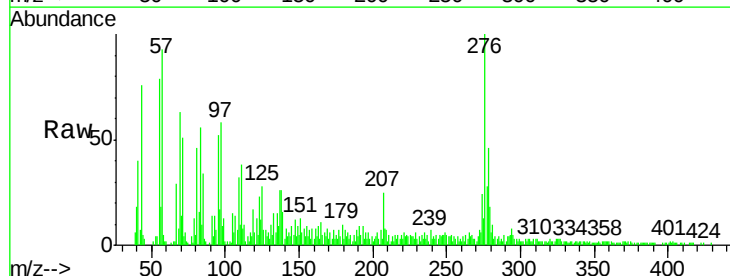
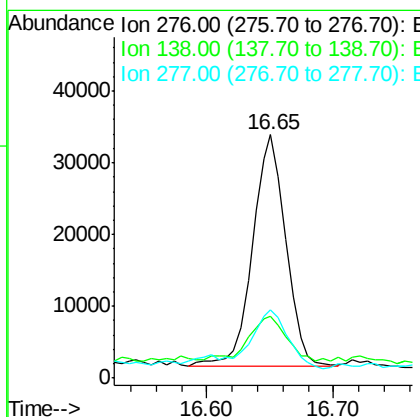
Manual Integrations
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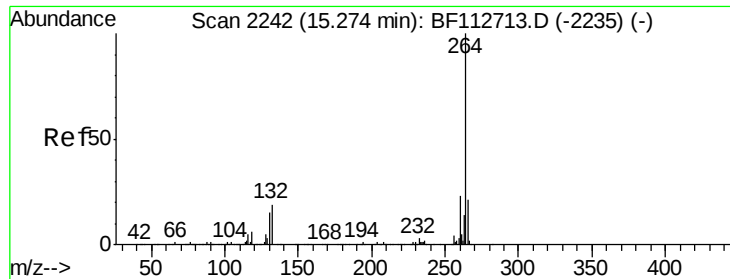
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.189 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BF113134.D
Acq: 19 Mar 2019 19:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	23.2	34.8
277	26.2	19.9	29.9





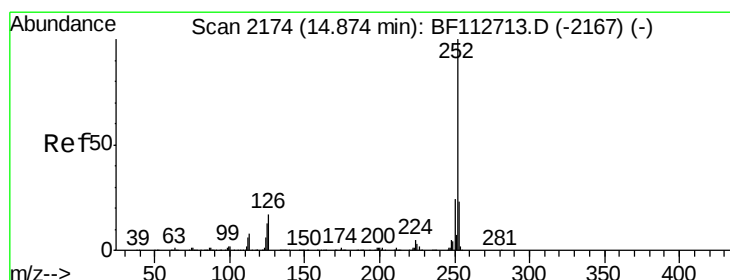
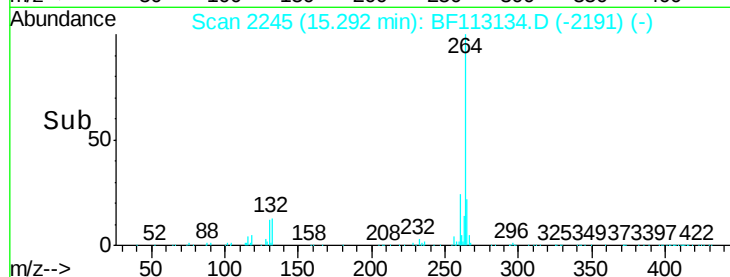
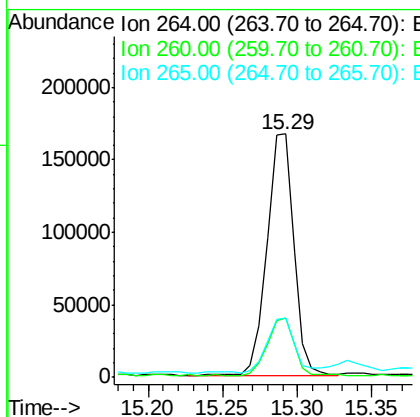
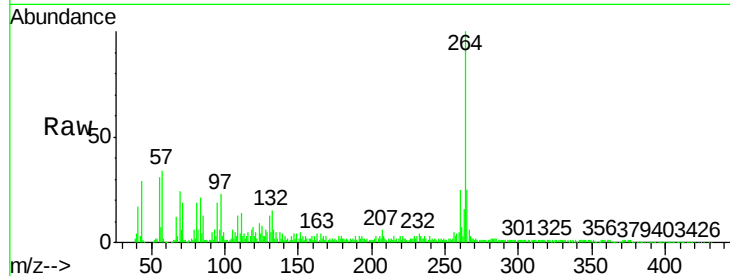
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF113134.D
Acq: 19 Mar 2019 19:15

Instrument :
BNA_F
ClientSampleId :
SB-7(6-7)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	24.5	17.2	25.8

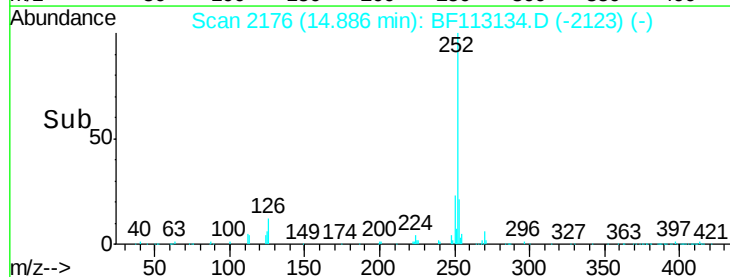
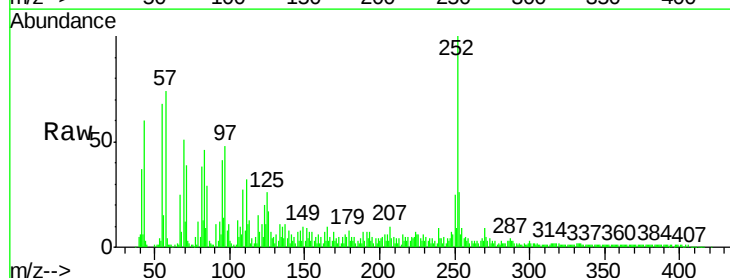
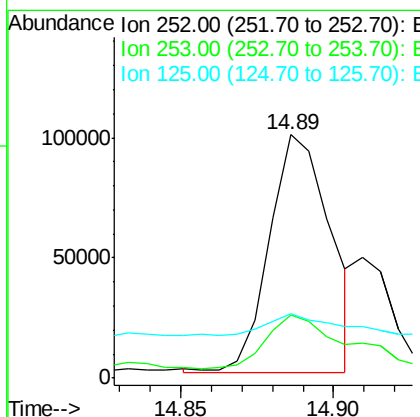
Manual Integrations
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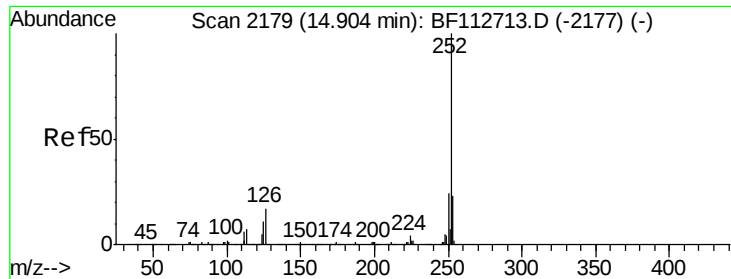
Sohil
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#88
Benzo(b)fluoranthene
Concen: 10.317 ng m
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF113134.D
Acq: 19 Mar 2019 19:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.0	27.0
125	26.3	10.2	15.2#





#89

Benzo(k)fluoranthene

Concen: 3.472 ng m

RT: 14.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BF113134.D

Acq: 19 Mar 2019 19:15

Instrument :

BNA_F

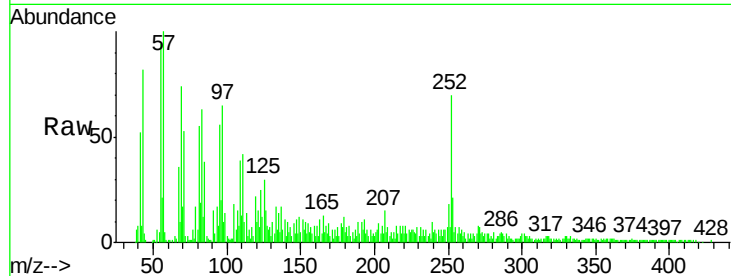
ClientSampleId :

SB-7(6-7)

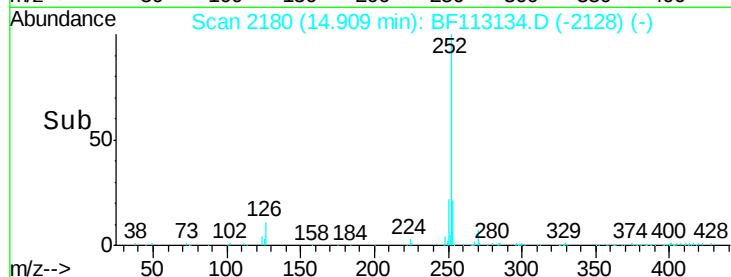
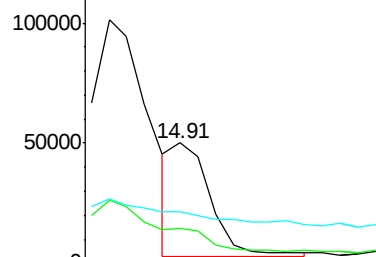
Tgt Ion:	252	Resp:	42066
Ion Ratio	Lower	Upper	
252	100		
253	29.5	18.2	27.2#
125	42.4	9.8	14.6#

Manual Integrations
APPROVED

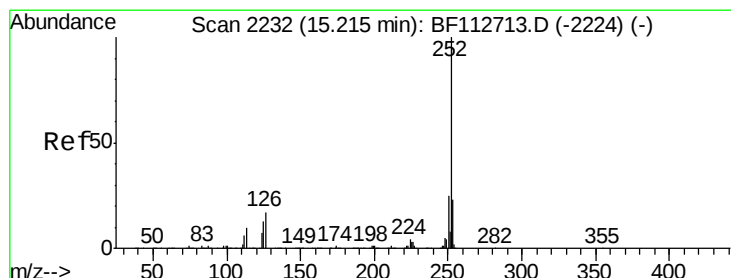
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Benzo(a)pyrene

Concen: 9.505 ng

RT: 15.23 min Scan# 2234

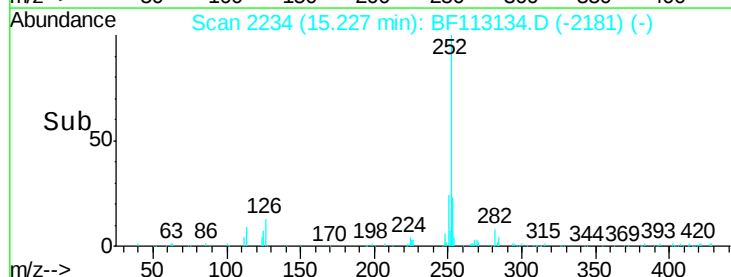
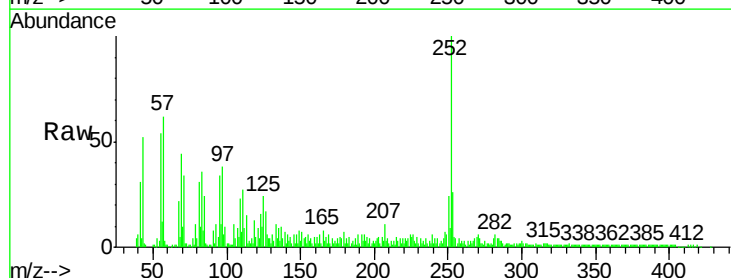
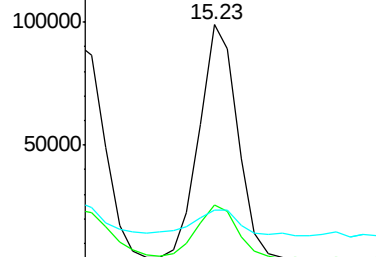
Delta R.T. 0.01 min

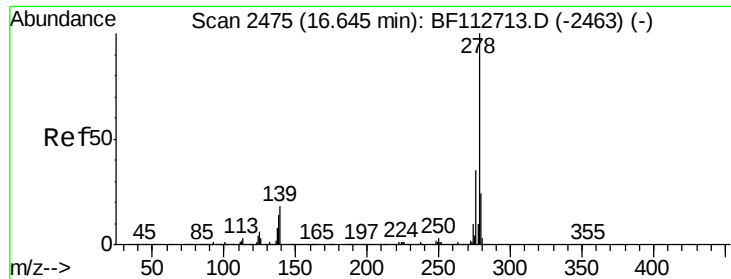
Lab File: BF113134.D

Acq: 19 Mar 2019 19:15

Tgt Ion:	252	Resp:	112463
Ion Ratio	Lower	Upper	
252	100		
253	25.8	18.0	27.0
125	24.0	10.7	16.1#

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





#91

Dibenzo(a,h)anthracene

Concen: 3.125 ng

RT: 16.66 min Scan# 2477

Delta R.T. 0.01 min

Lab File: BF113134.D

Acq: 19 Mar 2019 19:15

Instrument :

BNA_F

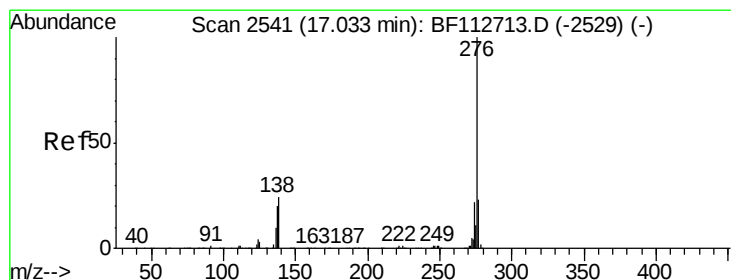
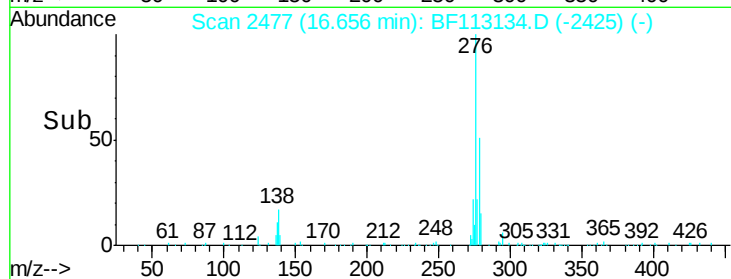
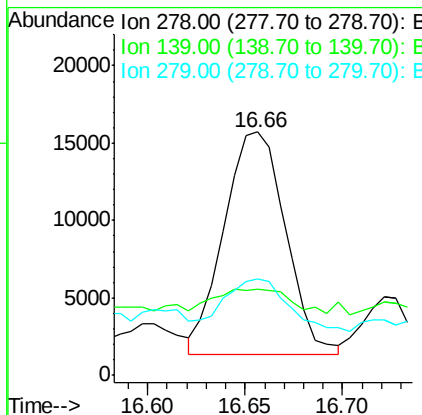
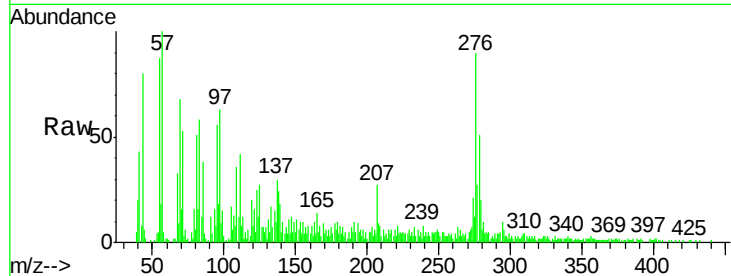
ClientSampleId :

SB-7(6-7)

Tgt Ion:	278	Resp:	31557
Ion Ratio	Lower	Upper	
278	100		
139	35.5	14.3	21.5#
279	39.7	19.4	29.0#

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 9.113 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.01 min

Lab File: BF113134.D

Acq: 19 Mar 2019 19:15

Tgt Ion:	276	Resp:	92394
Ion Ratio	Lower	Upper	
276	100		
277	26.5	18.6	27.8
138	24.4	19.4	29.0

