

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113332.D
 Acq On : 27 Mar 2019 15:50
 Operator : JU/SJ
 Sample : K2086-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-12

Manual Integrations
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Sohil
 3/28/2019 8:41:53 AM

Quant Time: Mar 28 03:54:31 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	186422	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	703113	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	338133	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	633457	20.00	ng	0.00
76) Chrysene-d12	13.84	240	411961	20.00	ng	0.00
87) Perylene-d12	15.24	264	472113	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1084871	95.15	ng	0.00
7) Phenol-d6	6.35	99	1418383	98.34	ng	0.00
23) Nitrobenzene-d5	7.26	82	870653	73.50	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	352795	84.47	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1607028	71.74	ng	0.00
79) Terphenyl-d14	12.79	244	1422786	76.13	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	135695	5.415	ng	99
71) Phenanthrene	11.23	178	231329	7.354	ng	98
72) Anthracene	11.29	178	108888	3.408	ng	98
73) Carbazole	11.44	167	96915	3.179	ng	97
75) Fluoranthene	12.42	202	1824954	51.317	ng	98
78) Pyrene	12.65	202	1487239	52.097	ng	99
81) Benzo(a)anthracene	13.83	228	224781	9.532	ng	94
83) Chrysene	13.86	228	735246	30.696	ng	99
86) Indeno(1,2,3-cd)pyrene	16.59	276	199861	9.723	ng	96
88) Benzo(b)fluoranthene	14.84	252	825038m	28.132	ng	
89) Benzo(k)fluoranthene	14.87	252	194846m	7.565	ng	
90) Benzo(a)pyrene	15.18	252	171561	6.599	ng	100
91) Dibenzo(a,h)anthracene	16.59	278	46083	2.050	ng	# 86
92) Benzo(g,h,i)perylene	16.99	276	170658	7.529	ng	96

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

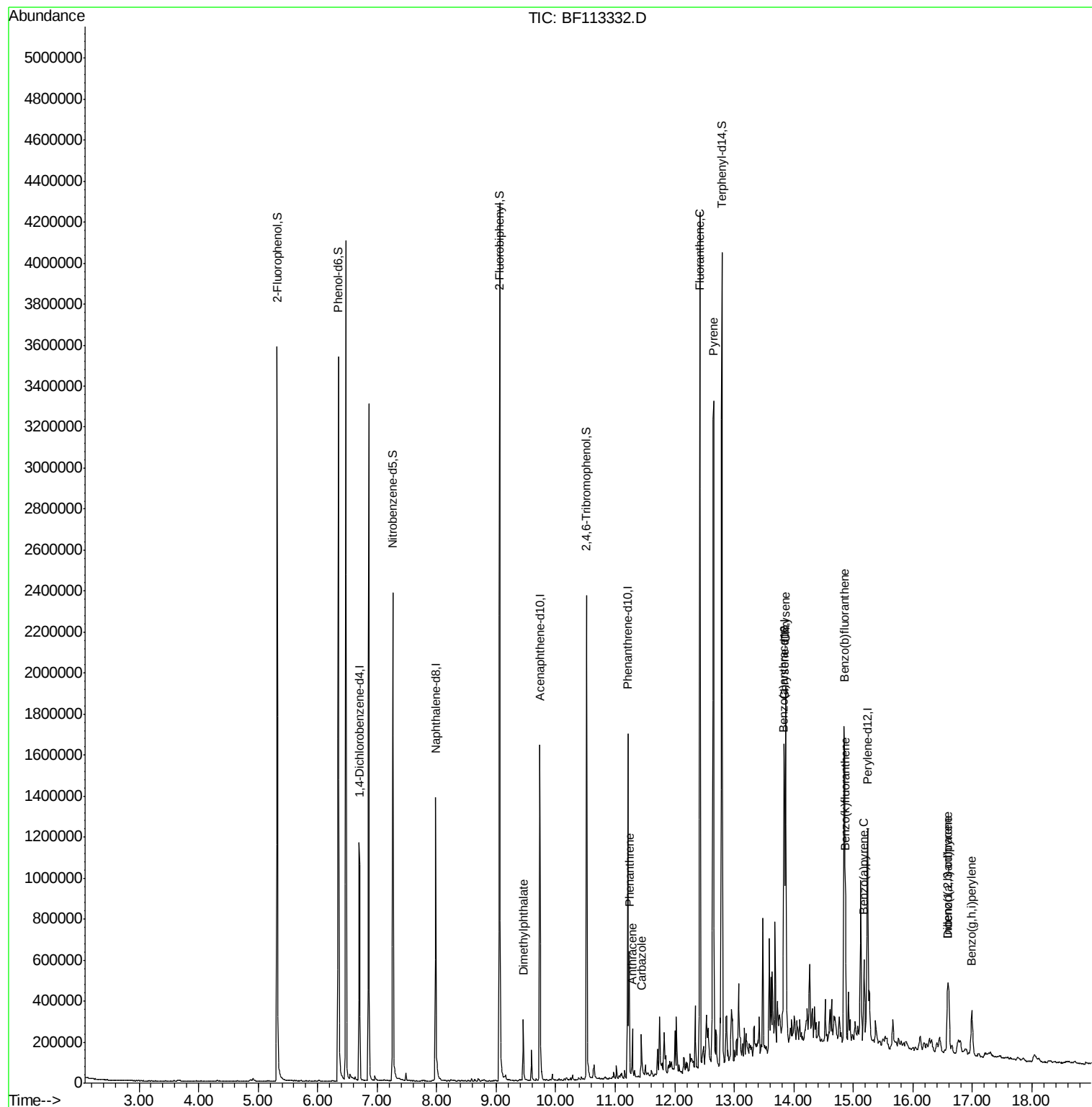
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
Data File : BF113332.D
Acq On : 27 Mar 2019 15:50
Operator : JU/SJ
Sample : K2086-02
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

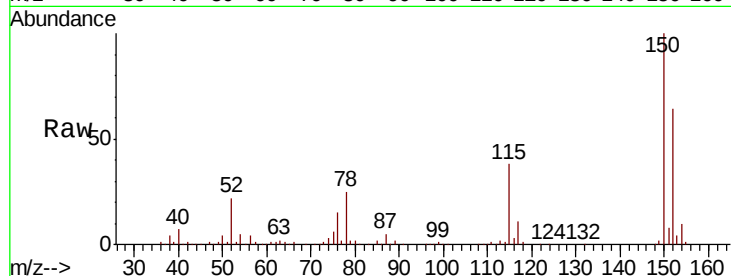
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113332.D
Acq: 27 Mar 2019 15:50

Instrument :
BNA_F
ClientSampleId :
CS-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.7	187.1
115	60.0	46.0	69.0

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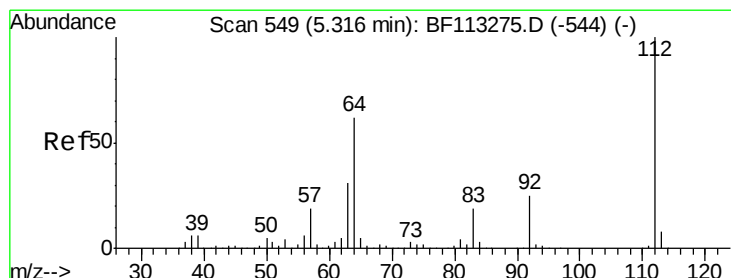
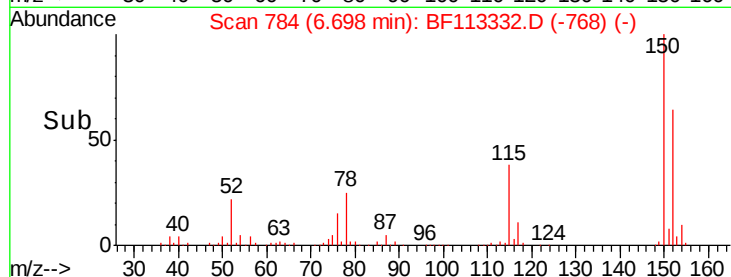
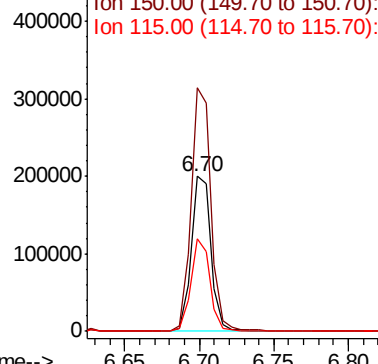


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

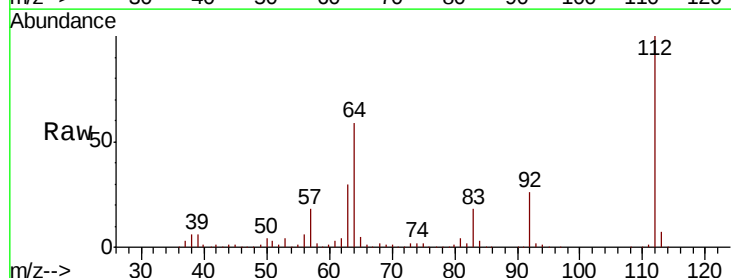
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.155 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113332.D
Acq: 27 Mar 2019 15:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	49.2	73.8
63	30.1	24.9	37.3

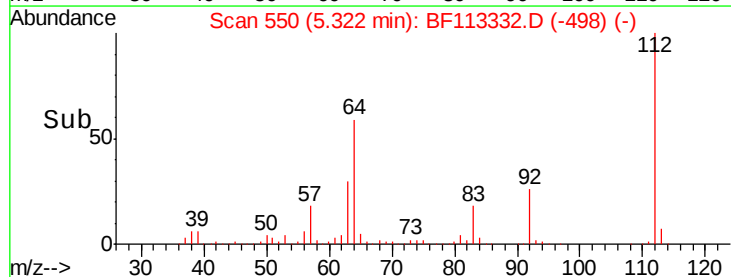
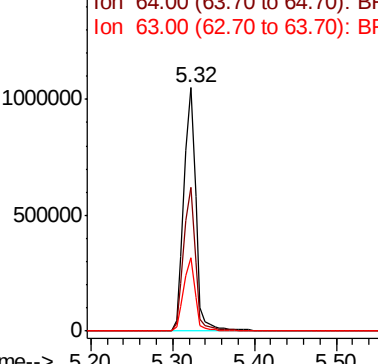


Abundance

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: 98.342 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113332.D

Acq: 27 Mar 2019 15:50

Instrument :

BNA_F

ClientSampleId :

CS-12

Tot Ion: 99 Resp: 1418383

Ion Ratio Lower Upper

99 100

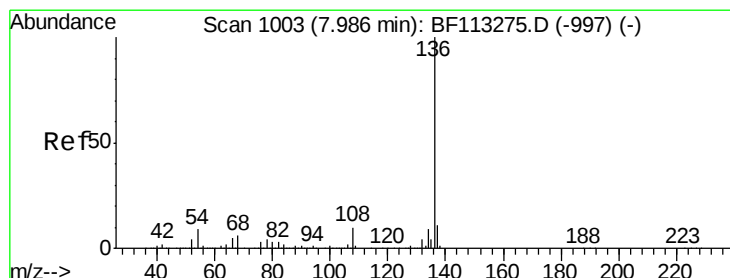
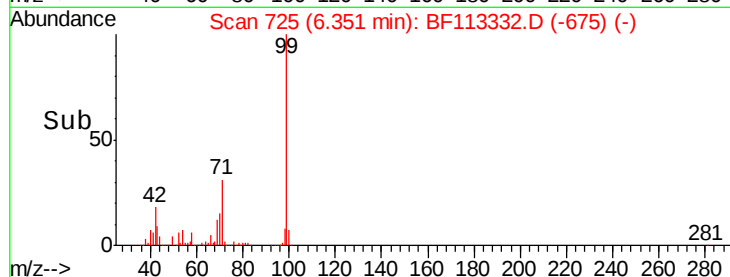
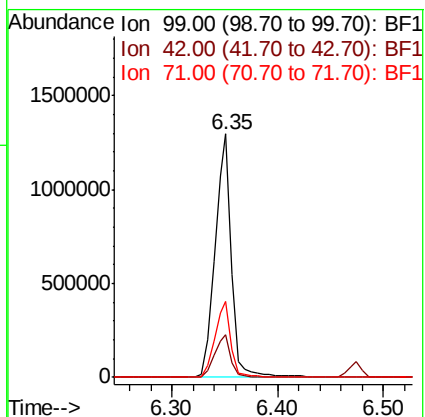
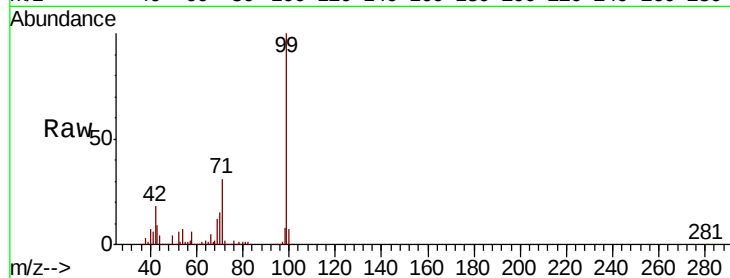
42 17.6 14.8 22.2

71 31.2 24.9 37.3

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113332.D

Acq: 27 Mar 2019 15:50

Tgt Ion: 136 Resp: 703113

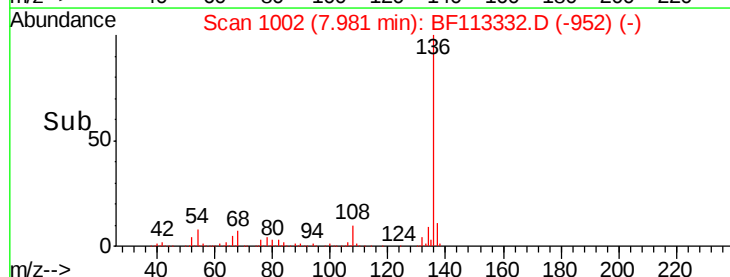
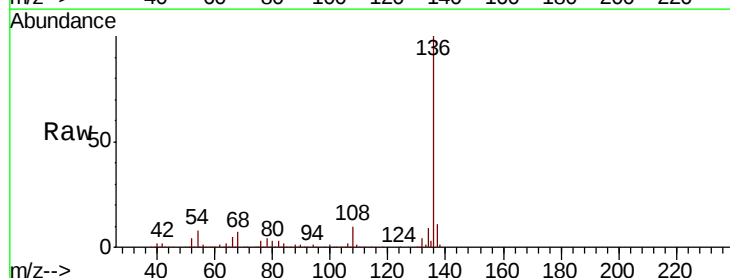
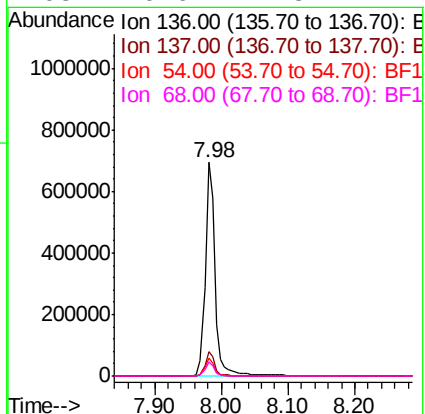
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.5 7.0 10.6

68 6.6 4.8 7.2





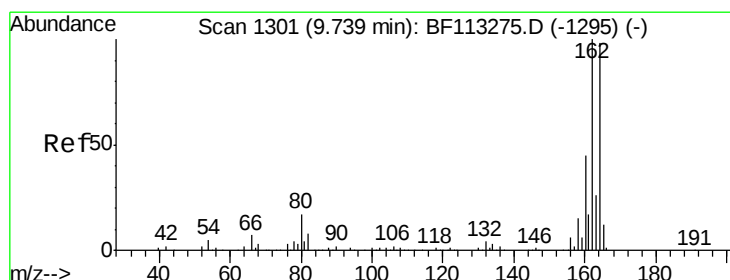
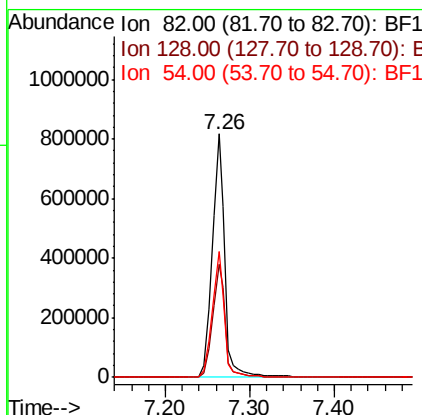
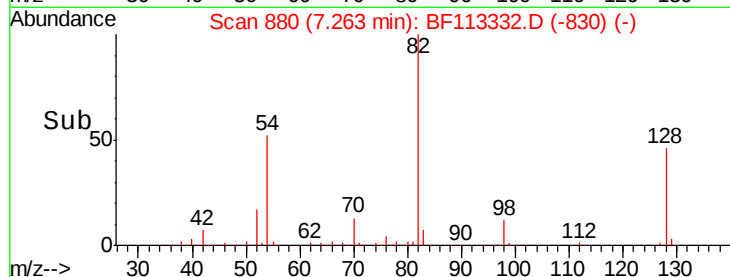
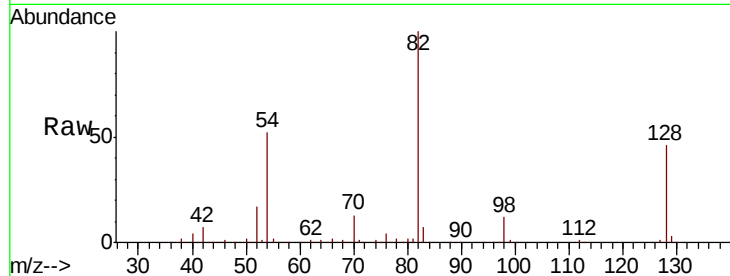
#23
Nitrobenzene-d5
Concen: 73.497 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF113332.D
Acq: 27 Mar 2019 15:50

Instrument :
BNA_F
ClientSampled :
CS-12

Tot Ion	82	Resp	870653
Ion Ratio	100	Lower	Upper
128	46.4	36.5	54.7
54	51.9	42.2	63.2

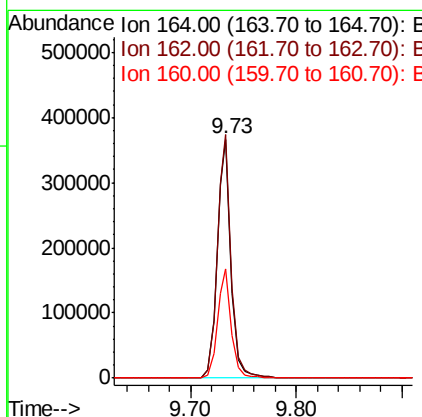
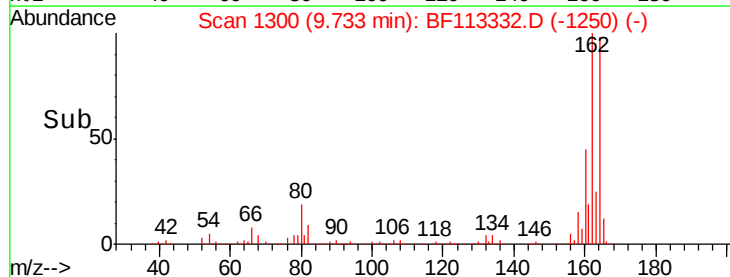
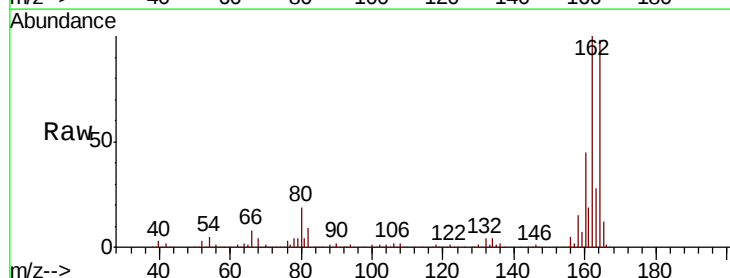
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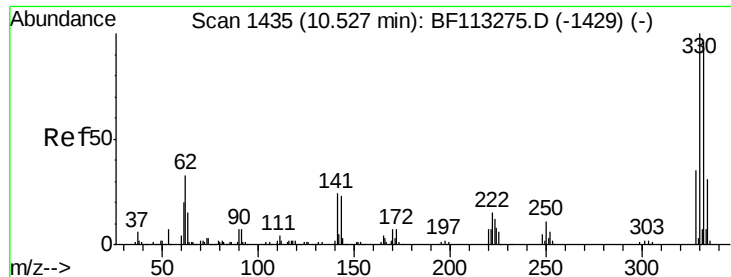
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113332.D
Acq: 27 Mar 2019 15:50

Tgt Ion	164	Resp	338133
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.9	81.8	122.6
160	45.7	36.4	54.6





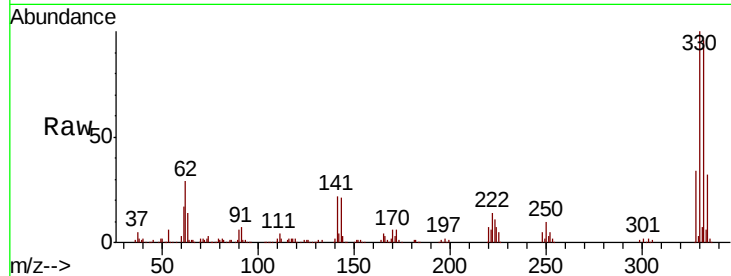
#42
 2,4,6-Tribromophenol
 Concen: 84.467 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113332.D
 Acq: 27 Mar 2019 15:50

Instrument :
 BNA_F
 ClientSampled :
 CS-12

Tot Ion	Ratio	Resp	Lower	Upper
330	100	352795		
332	96.5	77.8	116.6	
141	27.5	22.7	34.1	

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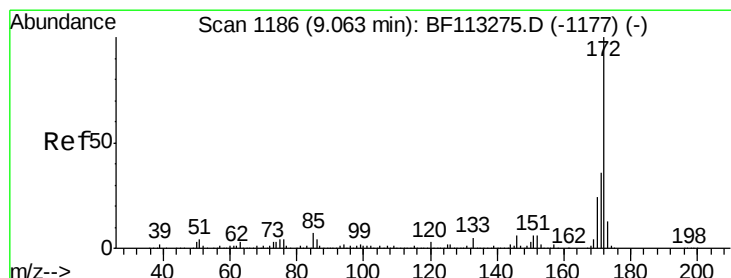
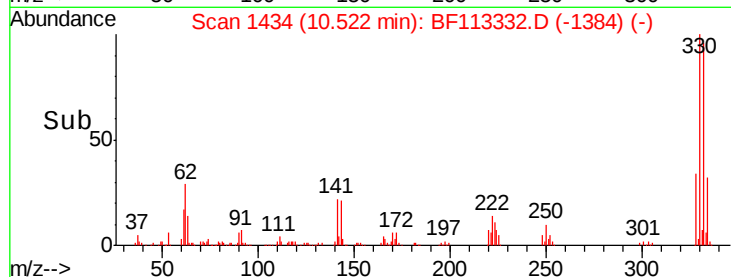
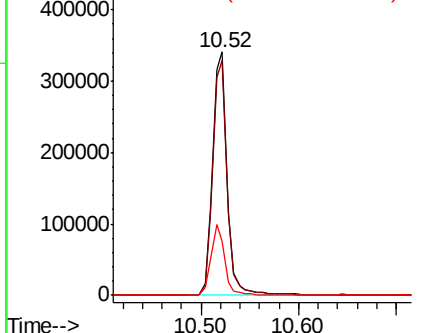


Abundance

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: 71.740 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113332.D
 Acq: 27 Mar 2019 15:50

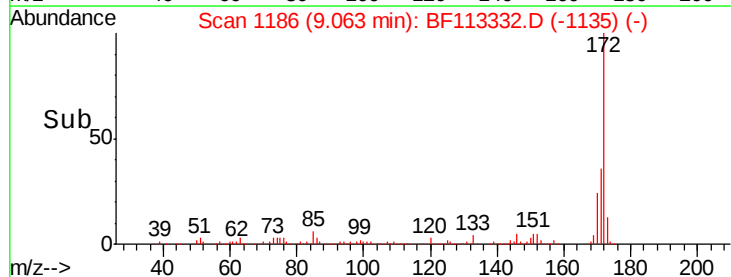
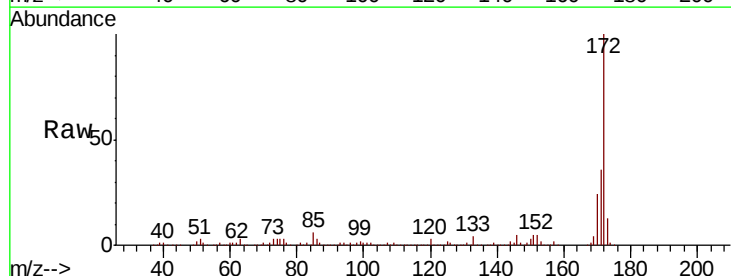
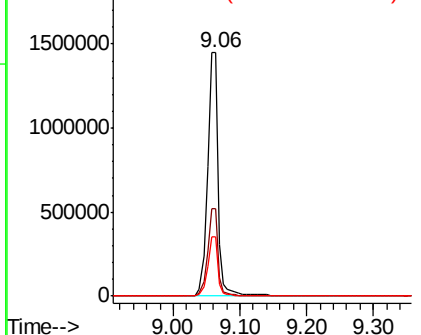
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1607028		
171	36.1	29.0	43.6	
170	24.5	19.5	29.3	

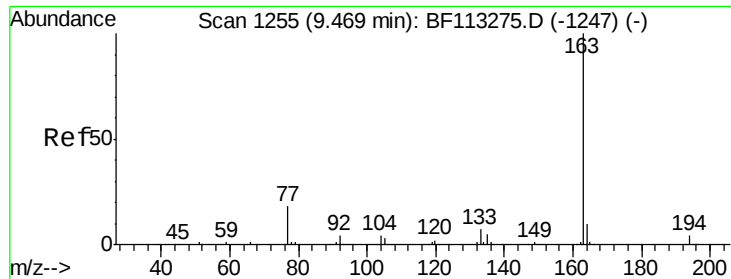
Abundance

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: 5.415 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF113332.D

Acq: 27 Mar 2019 15:50

Instrument :

BNA_F

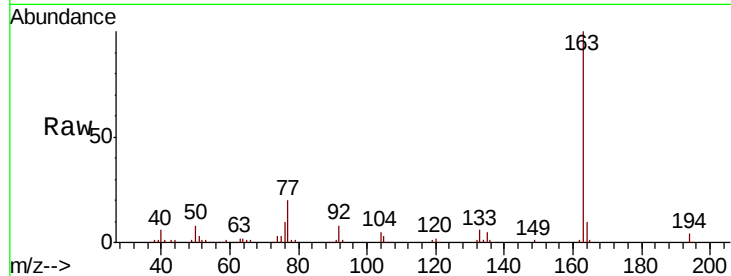
ClientSampled :

CS-12

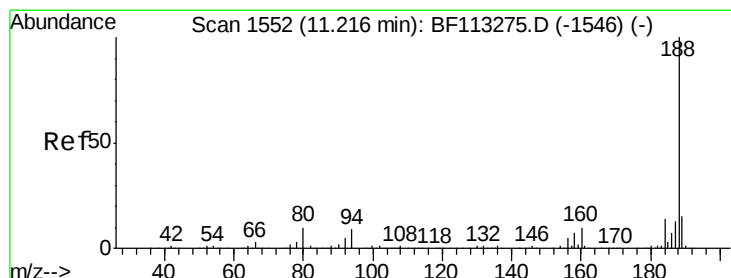
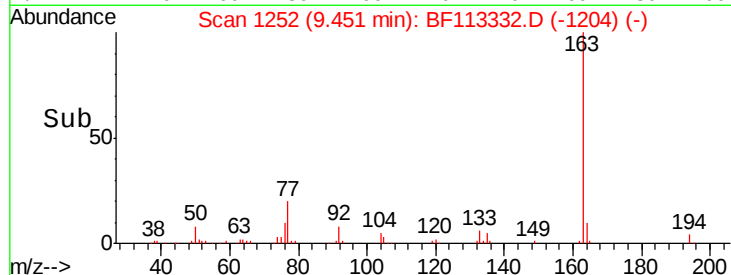
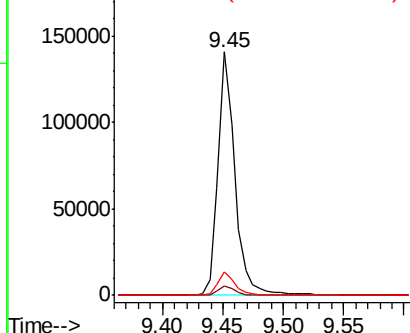
Tot Ion:	163	Resp:	135695
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.6
164	9.7	8.1	12.1

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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

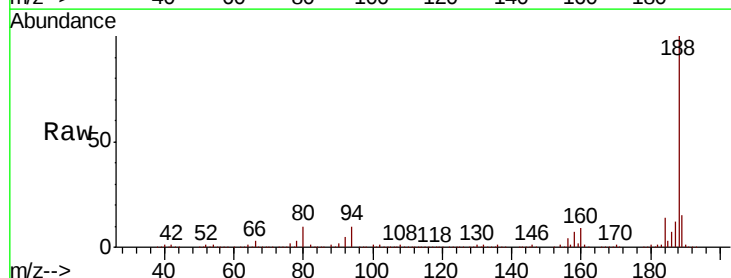
RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

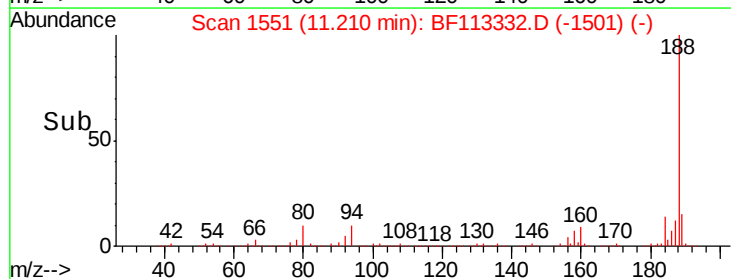
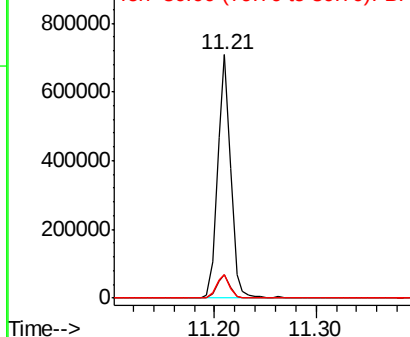
Lab File: BF113332.D

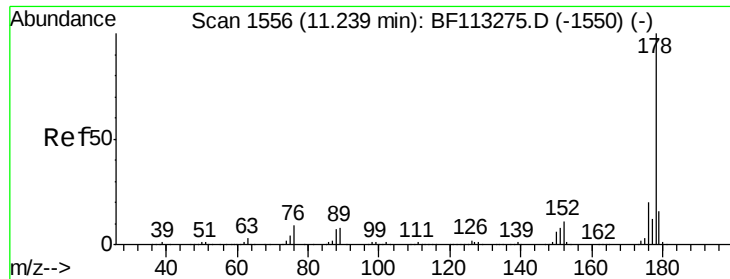
Acq: 27 Mar 2019 15:50

Tgt Ion:	188	Resp:	633457
Ion Ratio	Lower	Upper	
188	100		
94	9.5	7.0	10.6
80	9.5	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





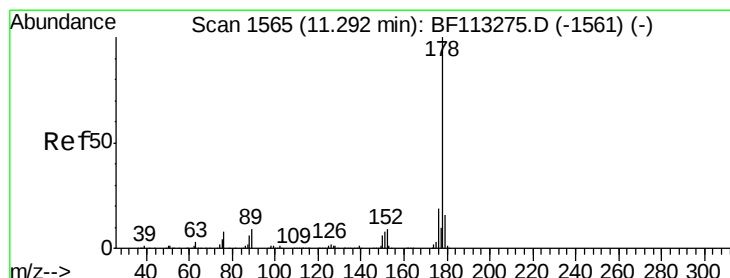
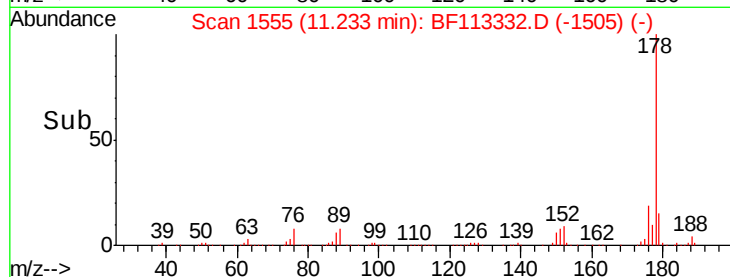
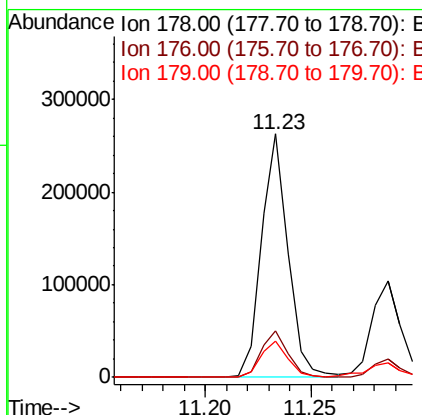
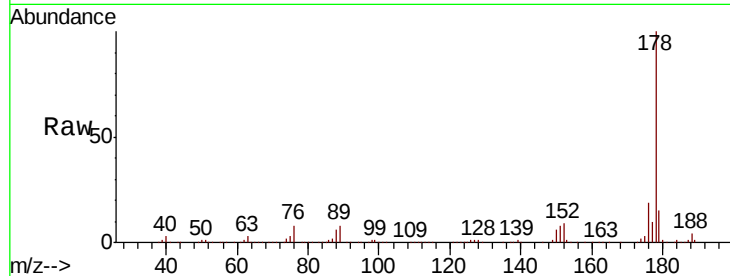
#71
Phenanthrene
Concen: 7.354 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113332.D
Acq: 27 Mar 2019 15:50

Instrument :
BNA_F
ClientSampleId :
CS-12

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.2
179	14.8	12.7	19.1

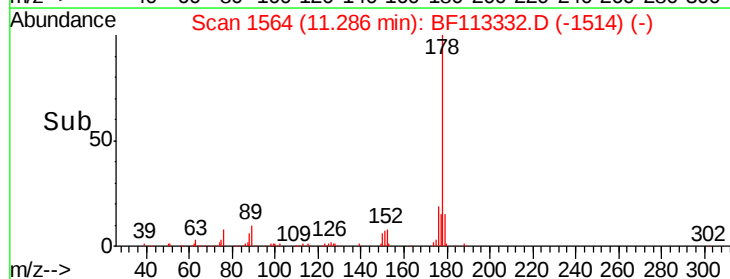
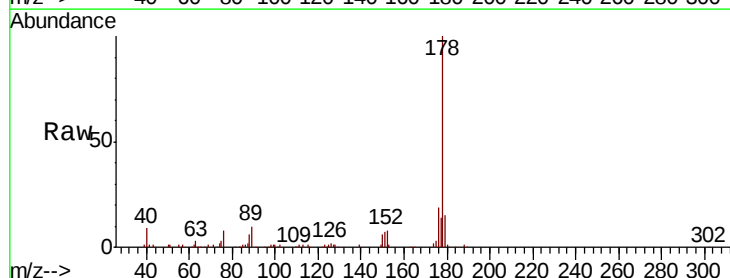
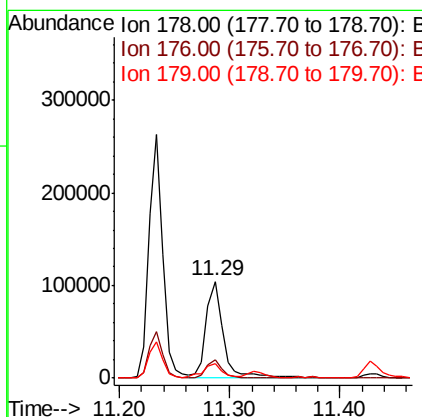
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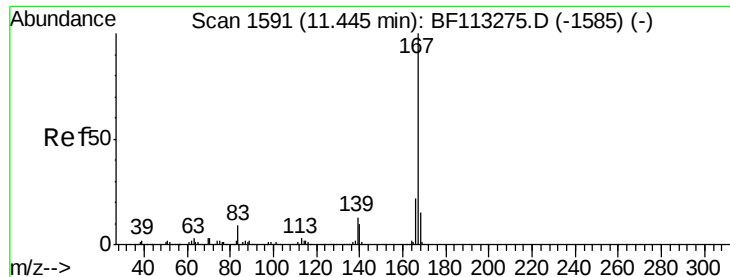
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#72
Anthracene
Concen: 3.408 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF113332.D
Acq: 27 Mar 2019 15:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.0	12.8	19.2





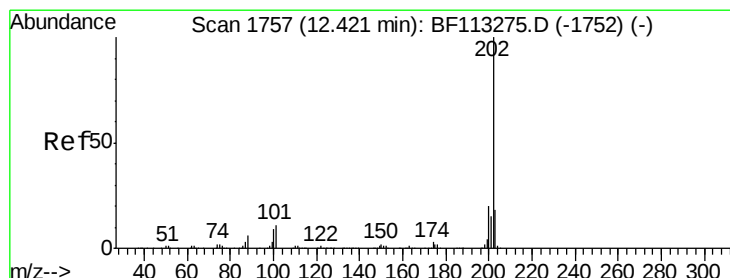
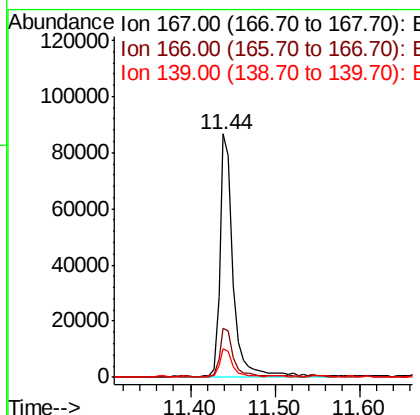
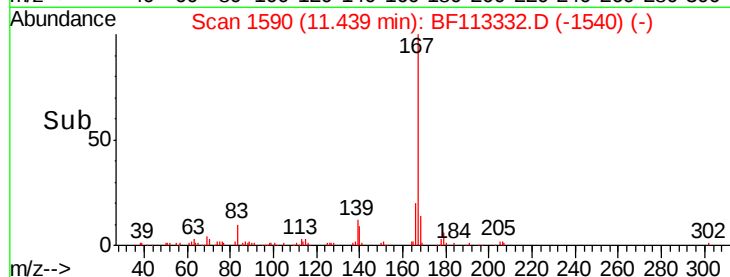
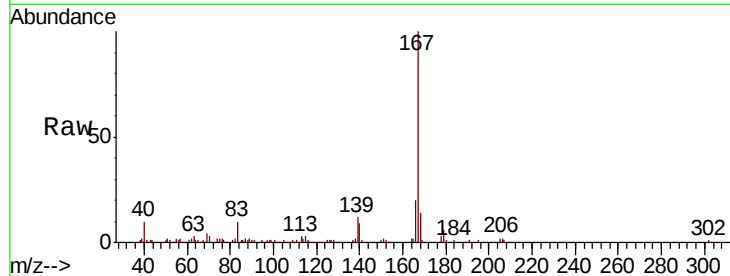
#73
 Carbazole
 Concen: 3.179 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF113332.D
 Acq: 27 Mar 2019 15:50

Instrument :
 BNA_F
 ClientSampleId :
 CS-12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		96915		
166	20.1		17.4	26.0	
139	11.9		10.4	15.6	

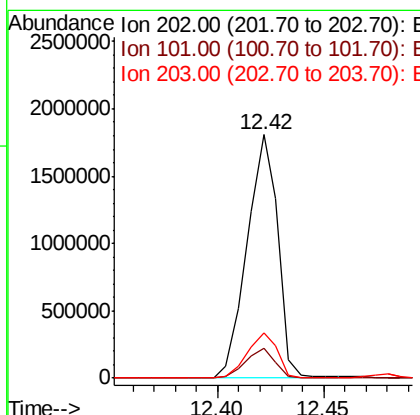
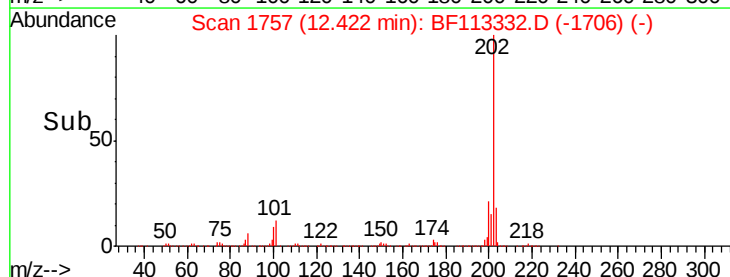
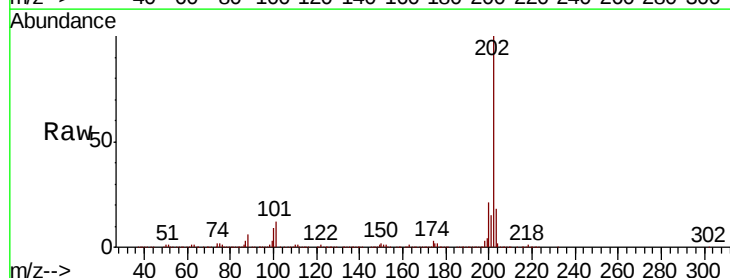
Manual Integrations
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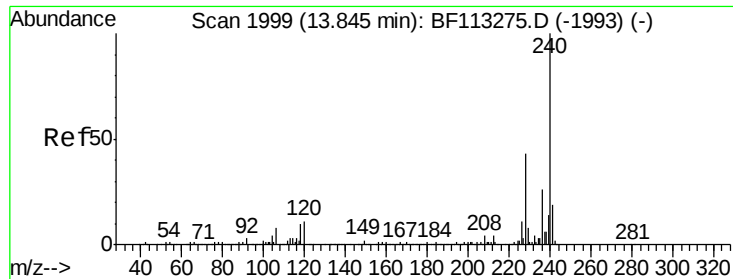
Sohil
 3/28/2019 8:41:53 AM



#75
 Fluoranthene
 Concen: 51.317 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BF113332.D
 Acq: 27 Mar 2019 15:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1824954		
101	12.4		0.0	31.4	
203	18.5		0.0	38.0	





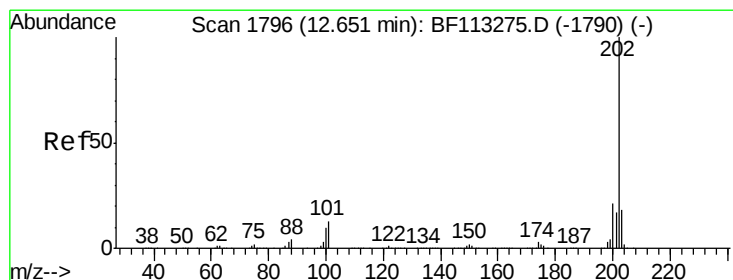
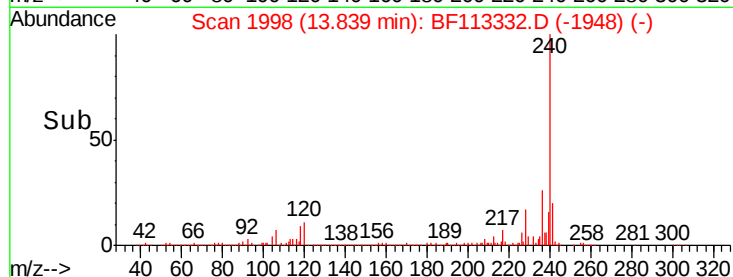
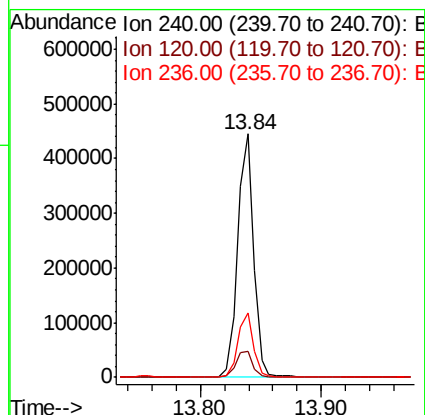
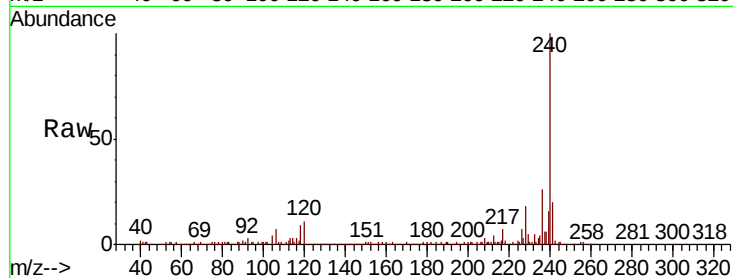
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113332.D
Acq: 27 Mar 2019 15:50

Instrument :
BNA_F
ClientSampled :
CS-12

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.8	13.2
236	26.4	20.9	31.3

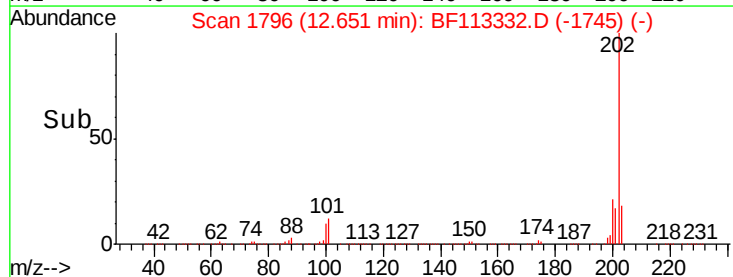
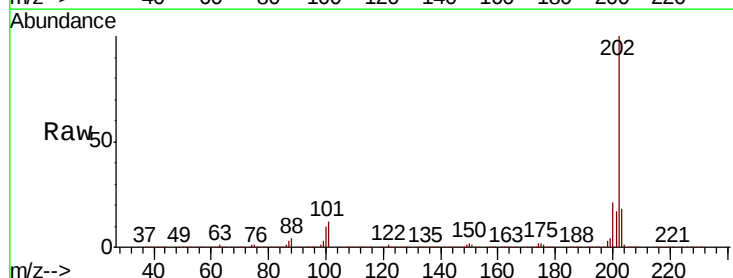
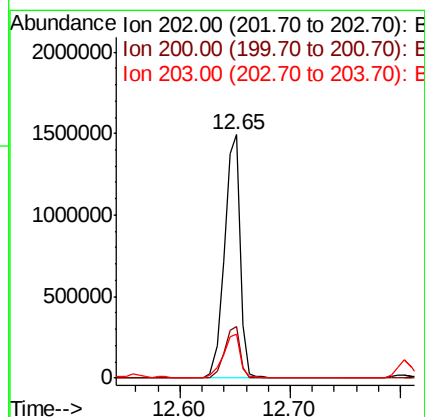
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#78
Pyrene
Concen: 52.097 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF113332.D
Acq: 27 Mar 2019 15:50

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.8	25.2
203	18.0	14.4	21.6





#79

Terphenyl-d14

Concen: 76.125 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113332.D

Acq: 27 Mar 2019 15:50

Instrument :

BNA_F

ClientSampled :

CS-12

Tot Ion:244 Resp: 1422786

Ion Ratio Lower Upper

244 100

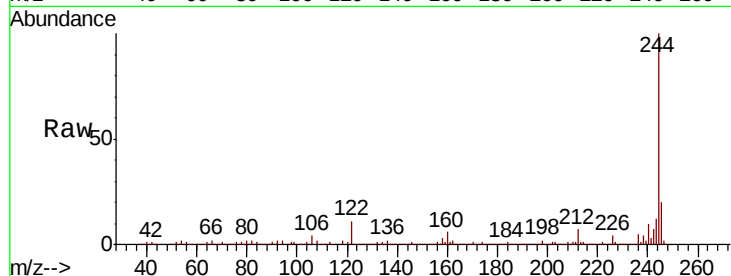
212 6.7 5.5 8.3

122 10.9 8.6 13.0

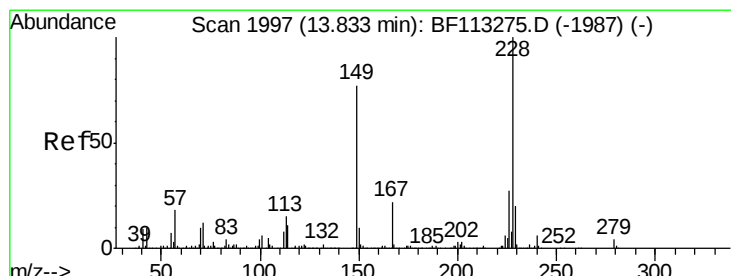
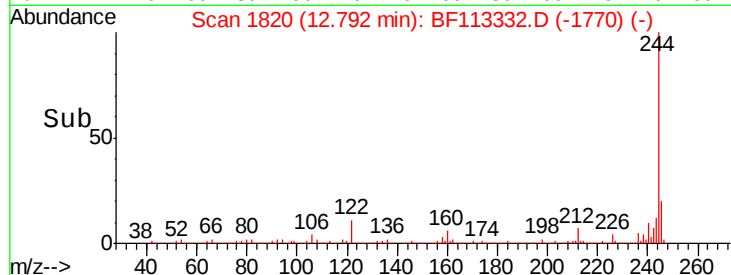
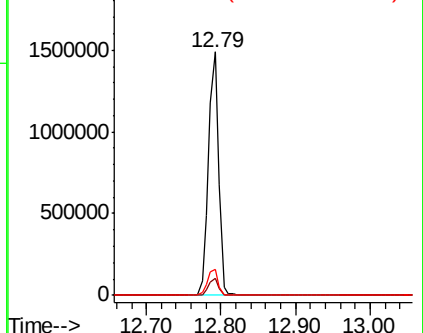
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 9.532 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113332.D

Acq: 27 Mar 2019 15:50

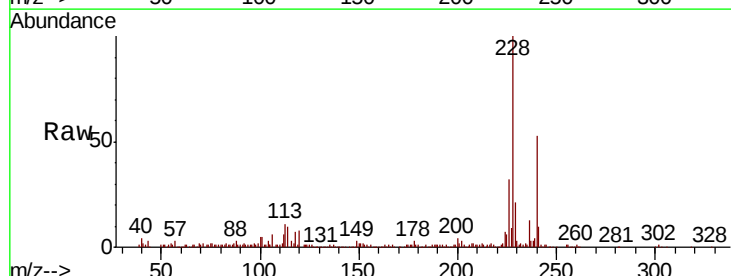
Tgt Ion:228 Resp: 224781

Ion Ratio Lower Upper

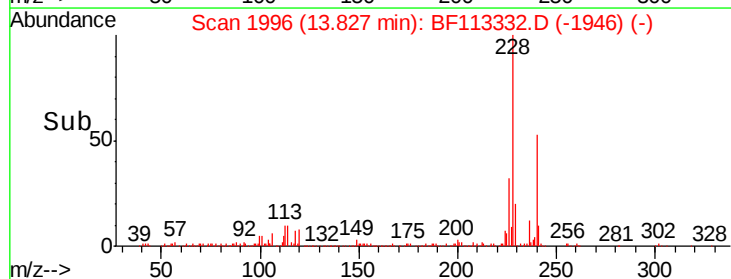
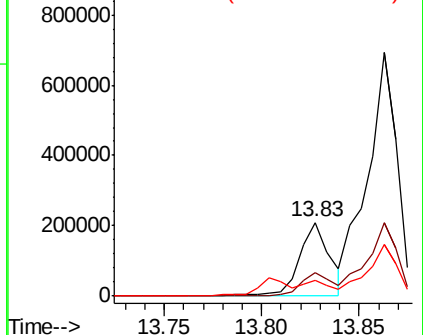
228 100

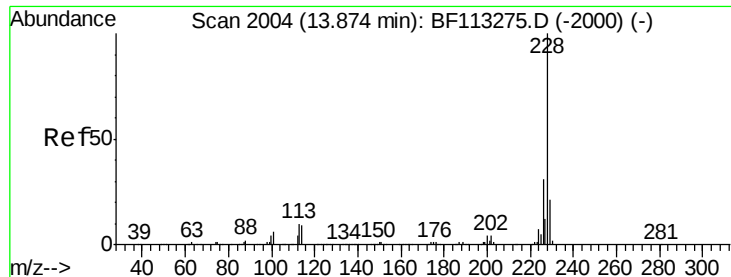
226 32.4 21.8 32.8

229 20.9 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





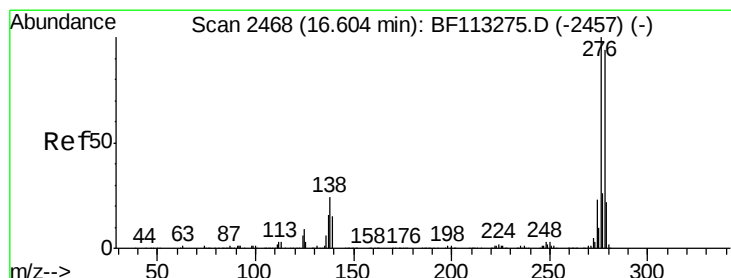
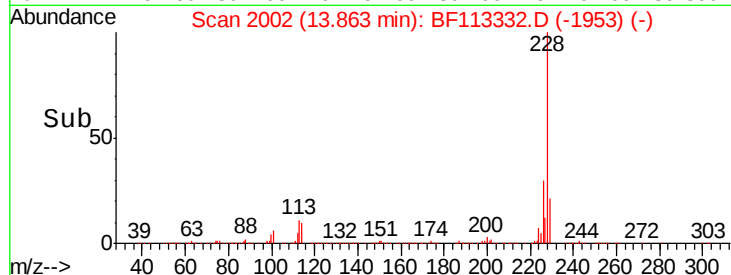
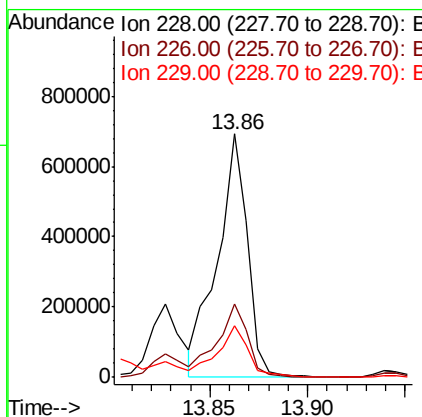
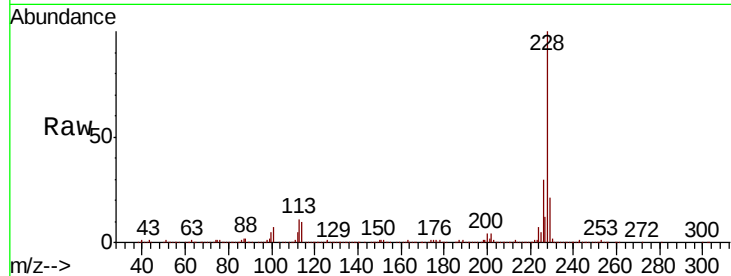
#83
Chrysene
Concen: 30.696 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113332.D
Acq: 27 Mar 2019 15:50

Instrument :
BNA_F
ClientSampled :
CS-12

Tot Ion:	228	Resp:	735246
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.3	36.5
229	21.4	16.3	24.5

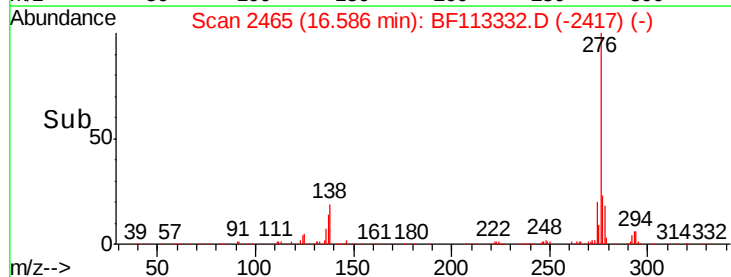
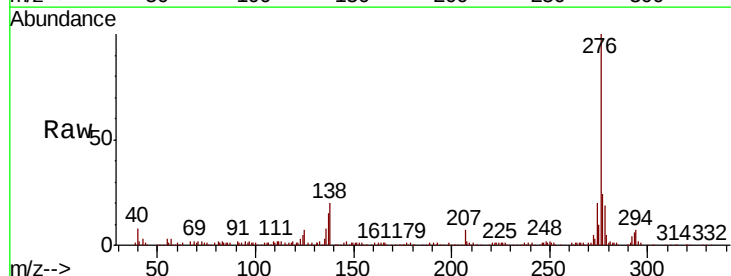
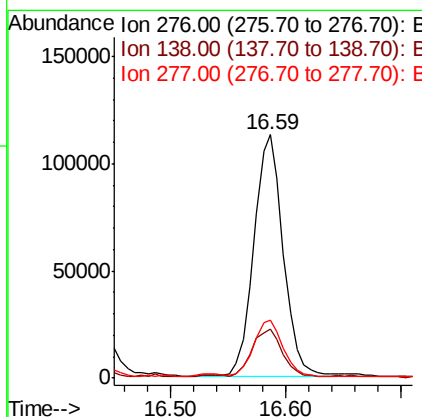
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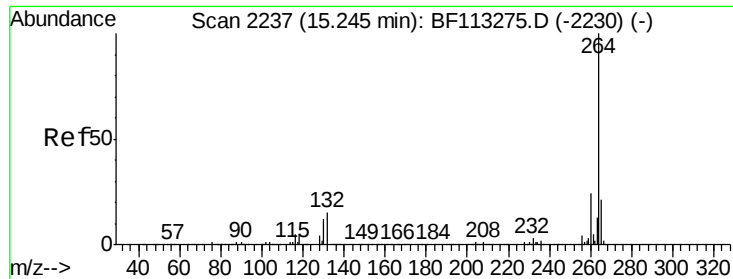
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#86
Indeno(1,2,3-cd)pyrene
Concen: 9.723 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BF113332.D
Acq: 27 Mar 2019 15:50

Tgt Ion:	276	Resp:	199861
Ion Ratio	Lower	Upper	
276	100		
138	20.8	18.1	27.1
277	23.5	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113332.D

Acq: 27 Mar 2019 15:50

Instrument :

BNA_F

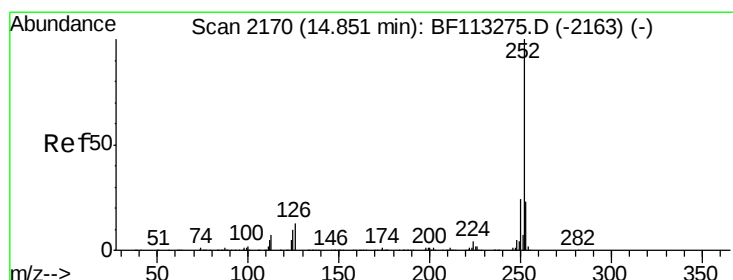
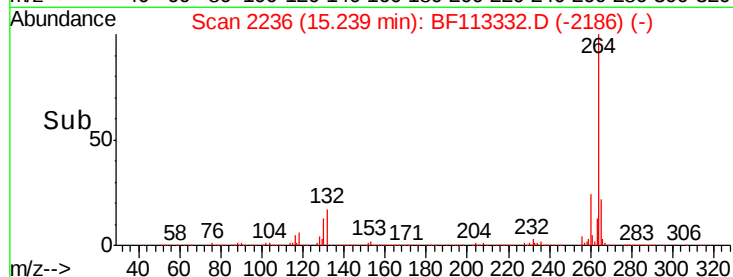
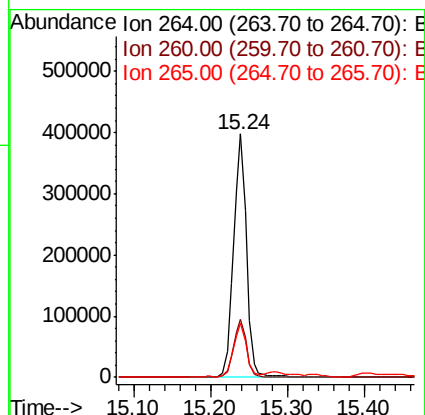
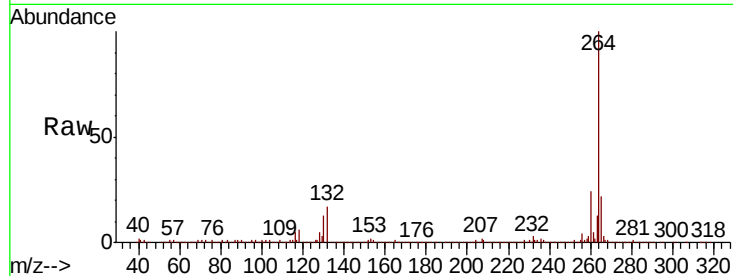
ClientSampled :

CS-12

Tot Ion:	264	Resp:	472113
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.1	28.7
265	22.1	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 28.132 ng m

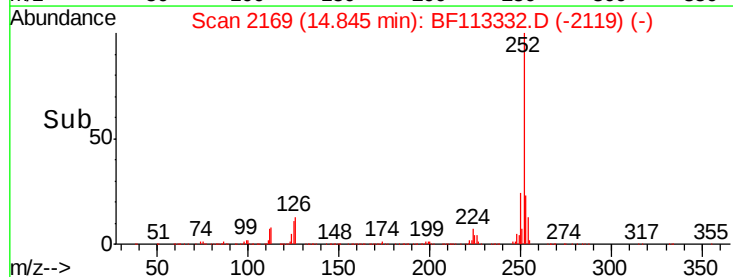
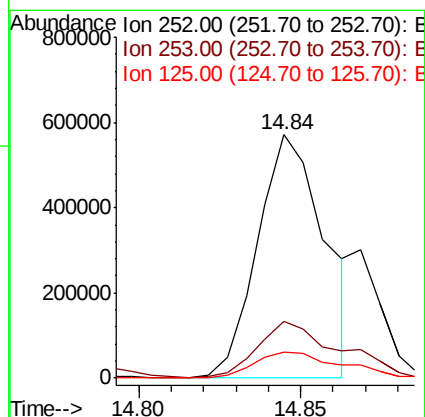
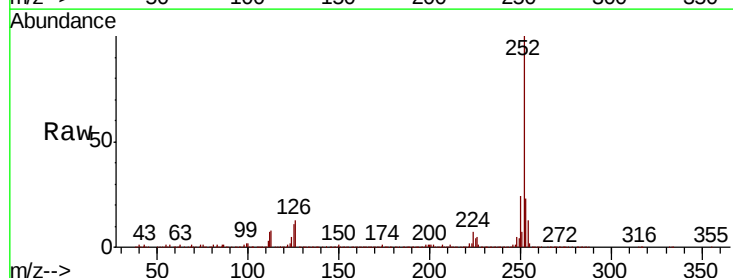
RT: 14.84 min Scan# 2169

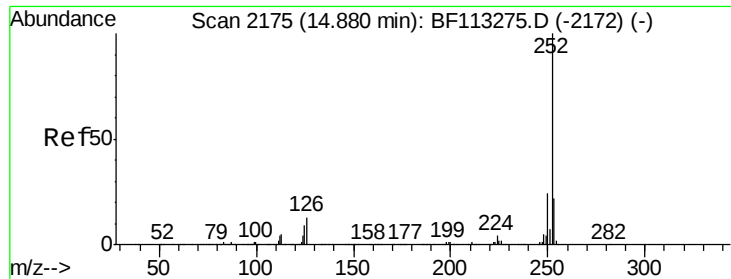
Delta R.T. -0.01 min

Lab File: BF113332.D

Acq: 27 Mar 2019 15:50

Tgt Ion:	252	Resp:	825038
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.0	27.0
125	10.7	7.6	11.4





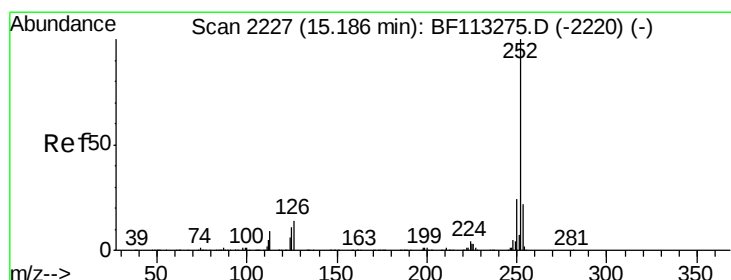
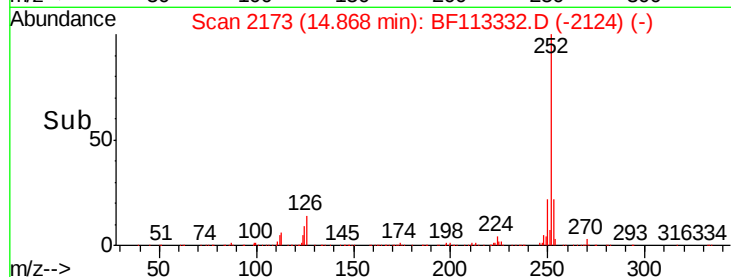
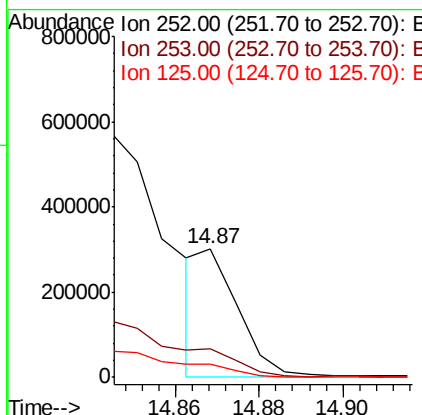
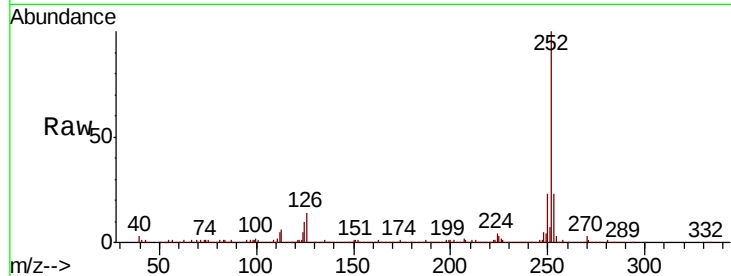
#89
Benzo(k)fluoranthene
Concen: 7.565 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113332.D
Acq: 27 Mar 2019 15:50

Instrument :
BNA_F
ClientSampled :
CS-12

Tot Ion	Ratio	Resp	Lower	Upper
252	100	194846		
253	22.6	17.7	26.5	
125	9.9	7.3	10.9	

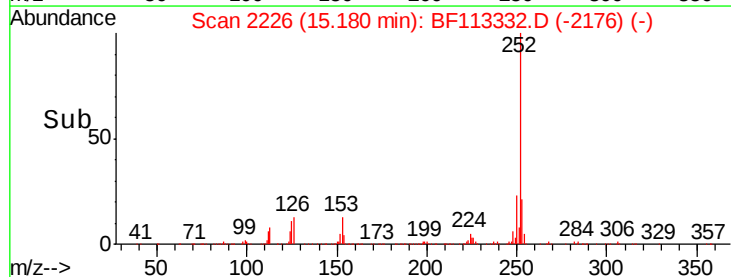
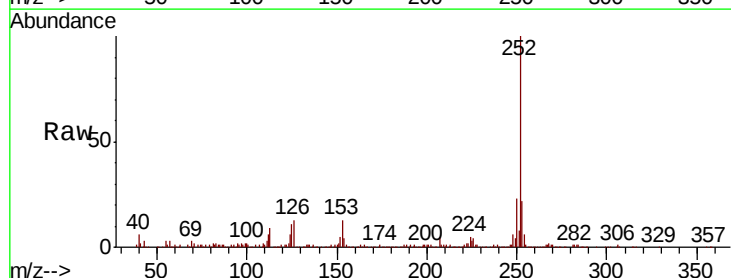
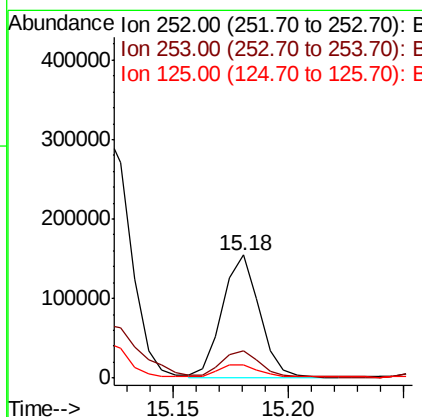
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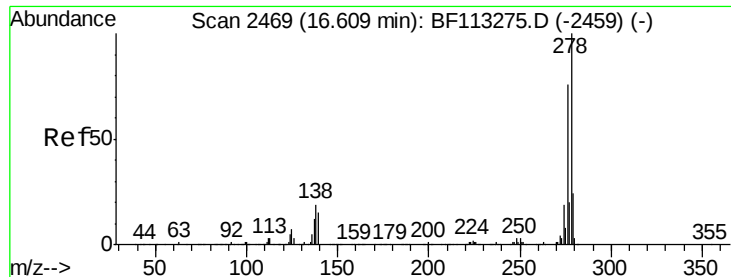
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#90
Benzo(a)pyrene
Concen: 6.599 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113332.D
Acq: 27 Mar 2019 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	171561		
253	22.4	17.9	26.9	
125	11.0	8.8	13.2	





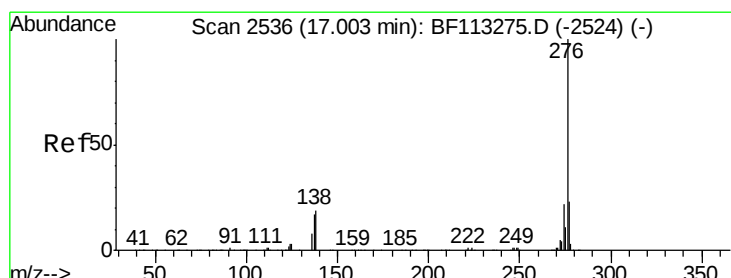
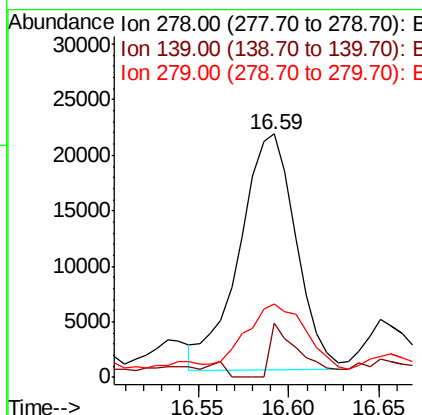
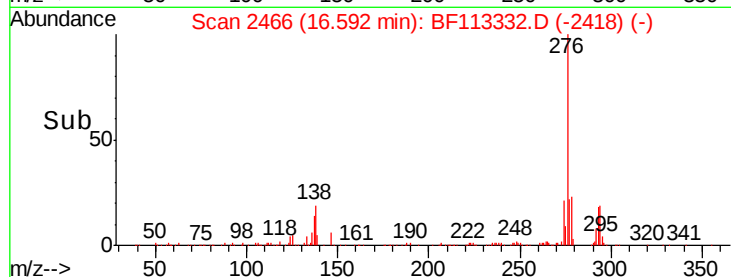
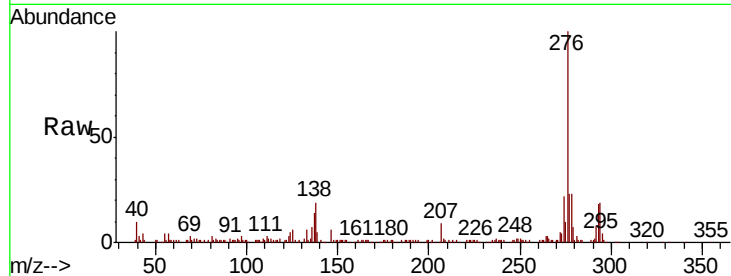
#91
Dibenzo(a,h)anthracene
Concen: 2.050 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.02 min
Lab File: BF113332.D
Acq: 27 Mar 2019 15:50

Instrument :
BNA_F
ClientSampled :
CS-12

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.0	12.0	18.0#
279	30.0	19.0	28.6#

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#92
Benzo(g,h,i)perylene
Concen: 7.529 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF113332.D
Acq: 27 Mar 2019 15:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.8	28.2
138	21.6	15.6	23.4

