

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111337.D
 Acq On : 12 Dec 2018 22:28
 Operator : JU/SJ
 Sample : J6214-45
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(0-2)

Manual Integrations
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Quant Time: Dec 13 04:19:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	239520	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	856270	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	333181	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	529229	20.00	ng	0.00
76) Chrysene-d12	13.95	240	352408	20.00	ng	0.00
87) Perylene-d12	15.39	264	274726	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1519735	107.29	ng	0.00
7) Phenol-d6	6.43	99	1891146	99.03	ng	0.00
23) Nitrobenzene-d5	7.35	82	1086971	71.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	273603	93.16	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1696759	81.76	ng	0.00
79) Terphenyl-d14	12.90	244	1311172	81.89	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.44	94	104089	4.812	ng	97
50) Dimethylphthalate	9.55	163	150802	6.294	ng	97
71) Phenanthrene	11.33	178	156815	5.733	ng	# 91
74) Di-n-butylphthalate	11.88	149	74344	2.267	ng	# 94
75) Fluoranthene	12.52	202	349086	13.072	ng	99
78) Pyrene	12.75	202	337509	12.409	ng	97
80) Butylbenzylphthalate	13.37	149	112061	8.581	ng	98
81) Benzo(a)anthracene	13.94	228	159762	8.102	ng	94
83) Chrysene	13.97	228	146906	7.303	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	102440	6.417	ng	# 98
86) Indeno(1,2,3-cd)pyrene	16.80	276	79377	5.045	ng	94
88) Benzo(b)fluoranthene	14.97	252	164522m	10.532	ng	
89) Benzo(k)fluoranthene	15.00	252	66263m	4.249	ng	
90) Benzo(a)pyrene	15.33	252	118008	8.113	ng	# 86
92) Benzo(a,h,i)perylene	17.23	276	88540	7.318	ng	95

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

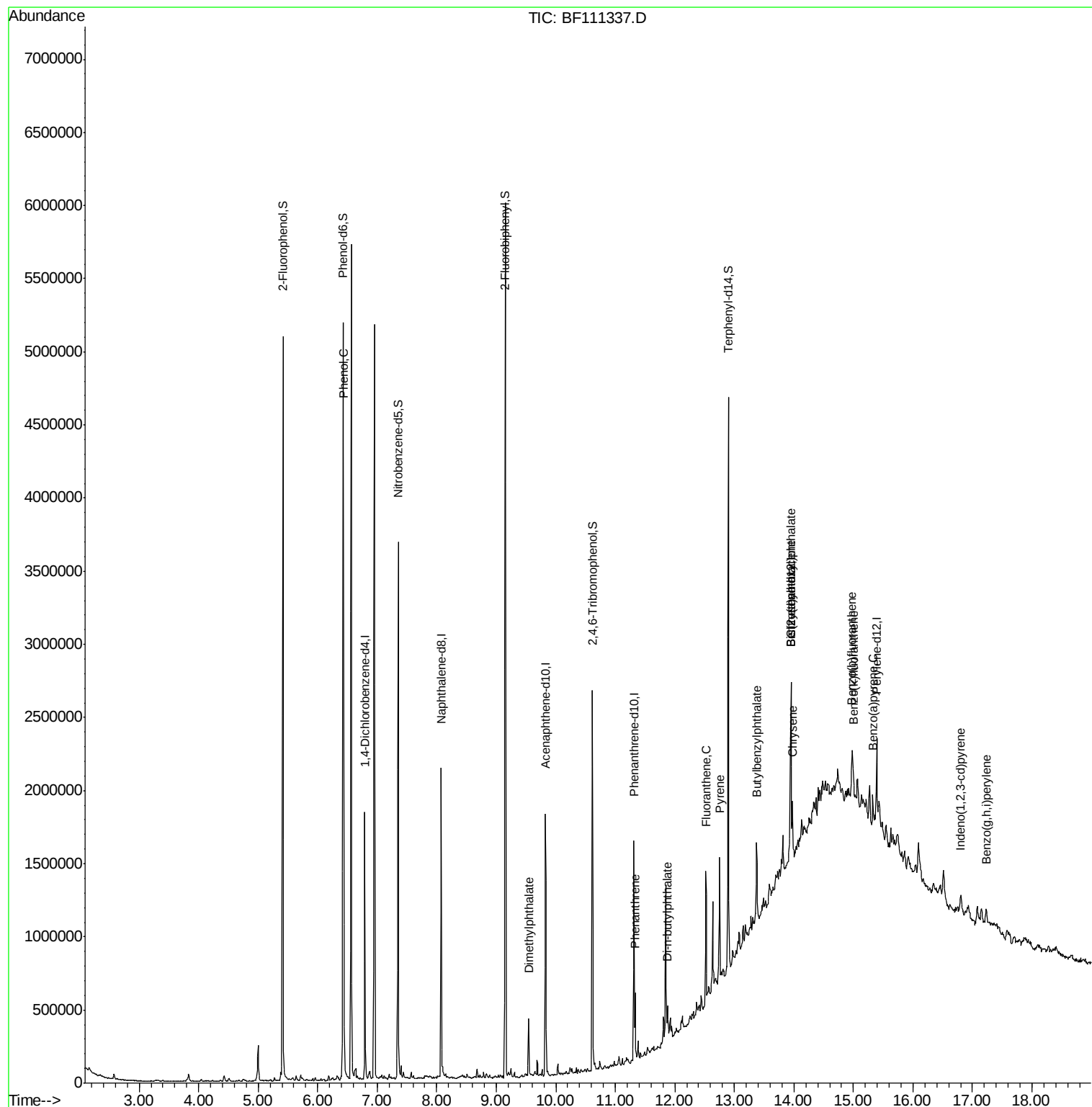
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111337.D
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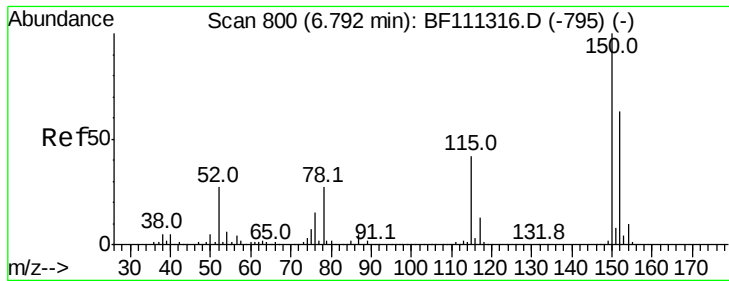
Instrument :
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ClientSampleId :
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Quant Time: Dec 13 04:19:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

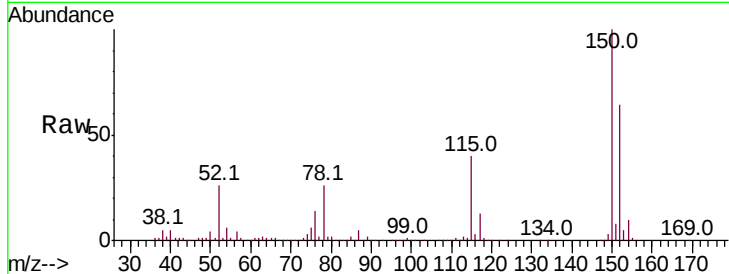
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111337.D
Acq: 12 Dec 2018 22:28

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.6	189.8
115	62.3	50.7	76.1

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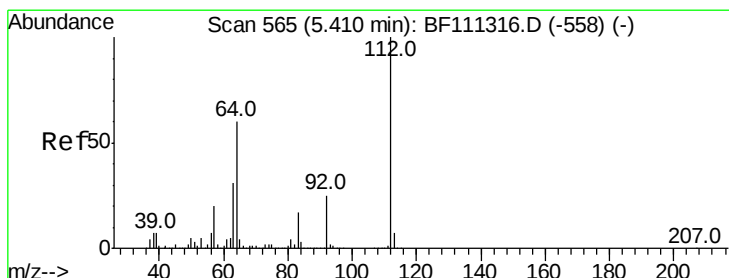
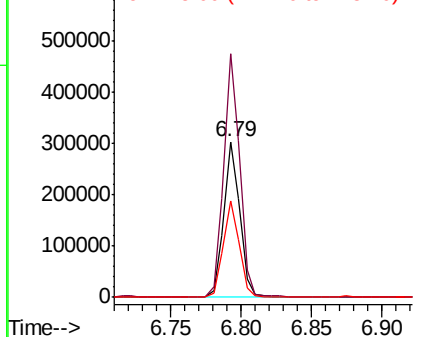
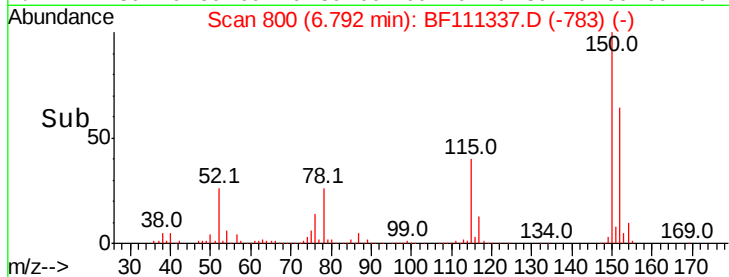


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

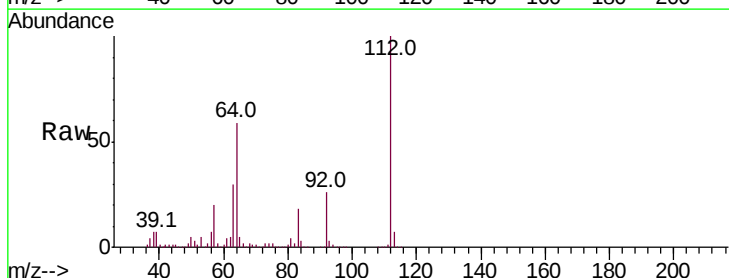
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.295 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF111337.D
Acq: 12 Dec 2018 22:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	51.8	77.6
63	30.4	26.8	40.2

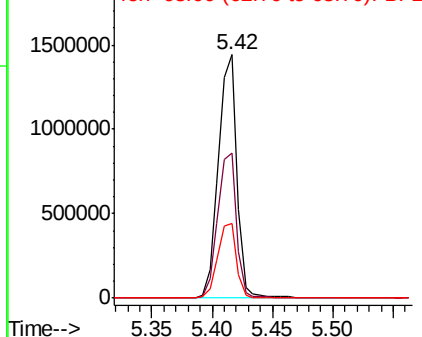
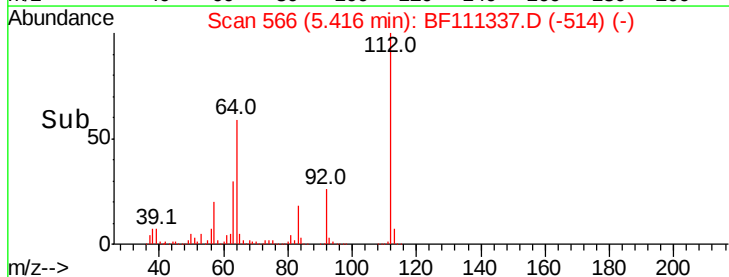


Abundance

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: 99.028 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111337.D

Acq: 12 Dec 2018 22:28

Instrument :

BNA_F

ClientSampled :

SB-6(0-2)

Tot Ion: 99 Resp: 1891146

Ion Ratio Lower Upper

99 100

42 21.5 17.4 26.0

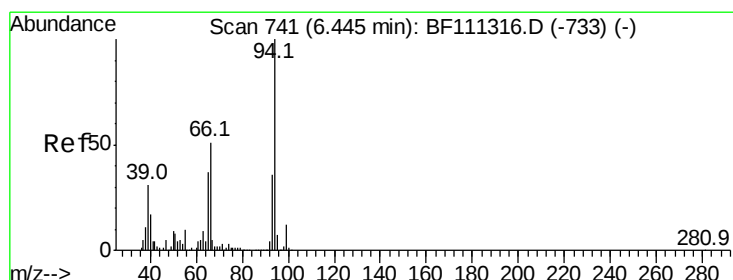
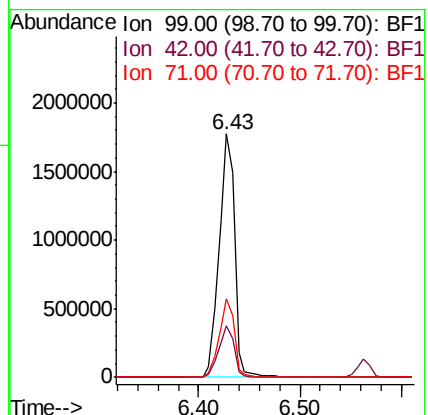
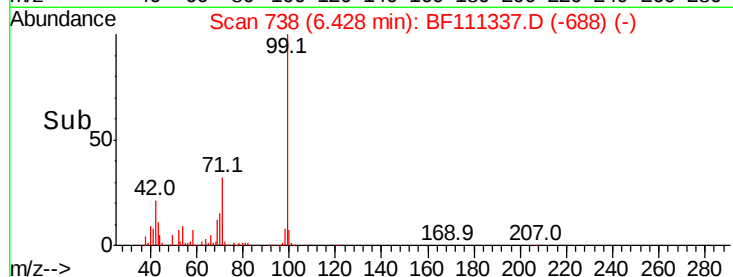
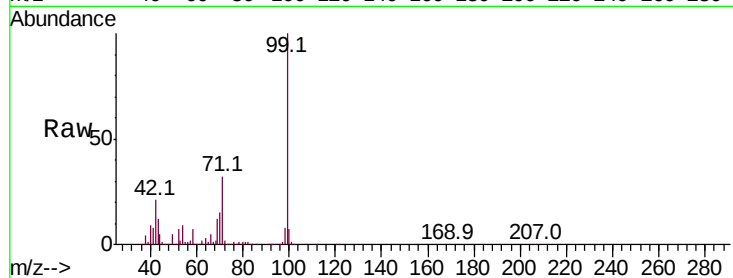
71 32.4 26.1 39.1

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#10

Phenol

Concen: 4.812 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111337.D

Acq: 12 Dec 2018 22:28

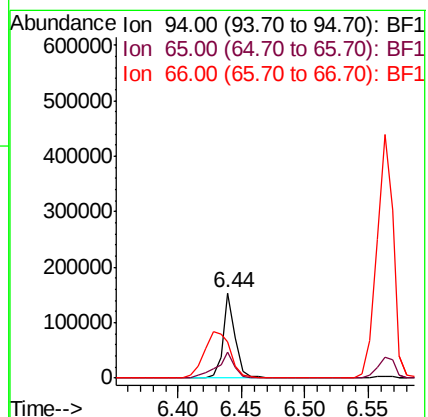
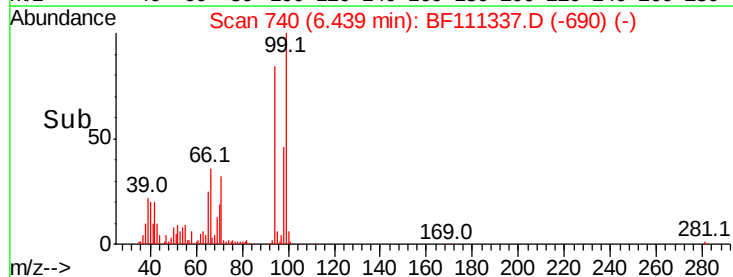
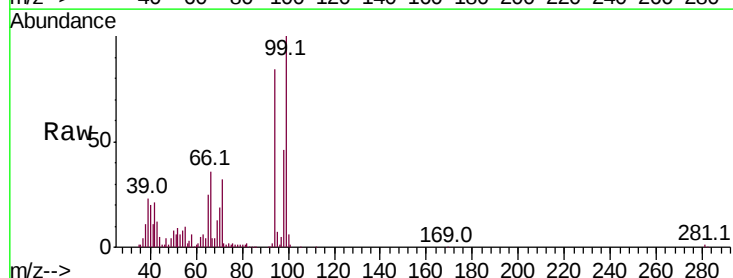
Tgt Ion: 94 Resp: 104089

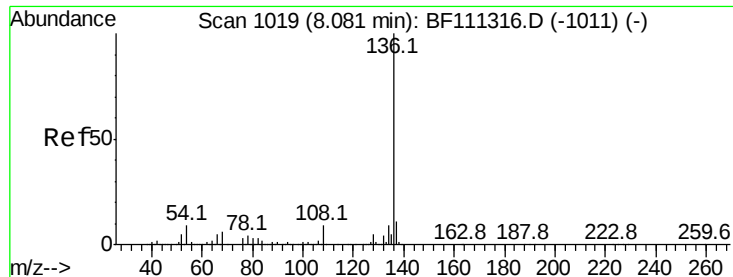
Ion Ratio Lower Upper

94 100

65 30.2 11.7 51.7

66 42.9 21.0 61.0





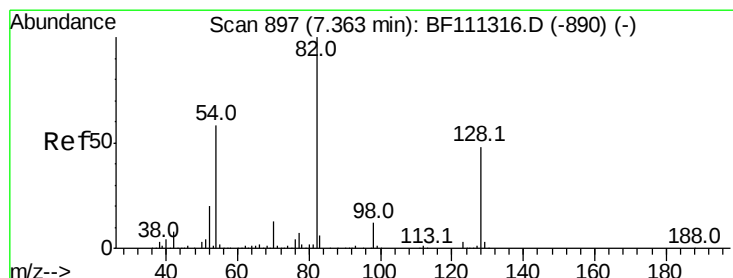
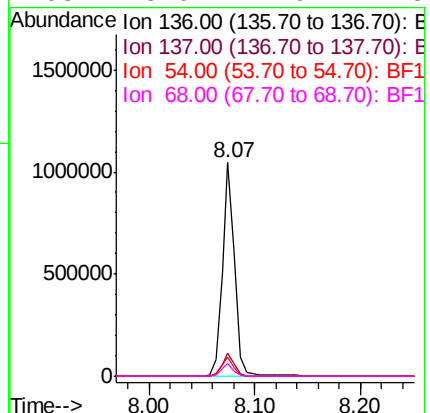
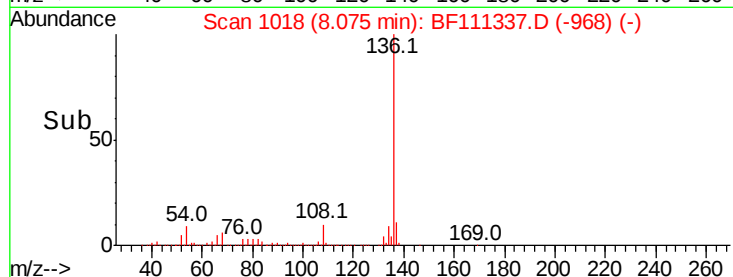
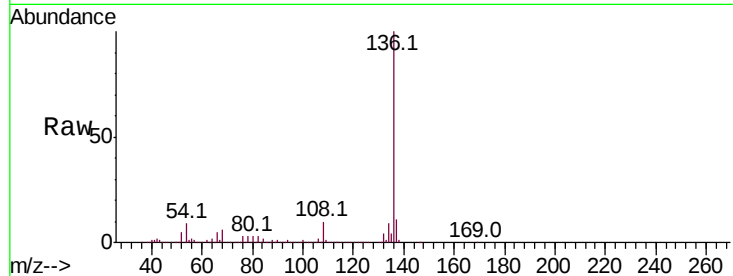
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111337.D
Acq: 12 Dec 2018 22:28

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	9.0	7.7	11.5	
68	5.9	4.9	7.3	

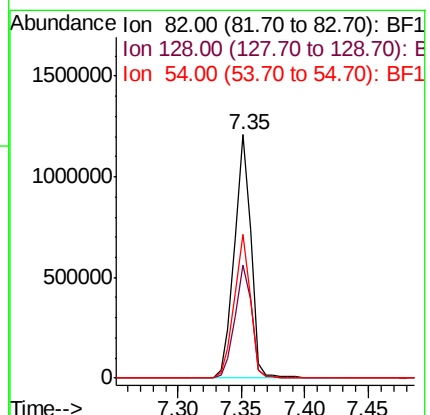
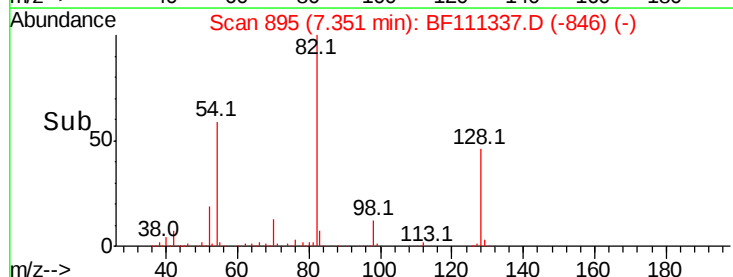
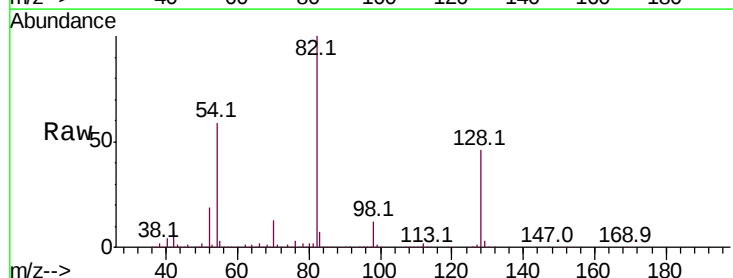
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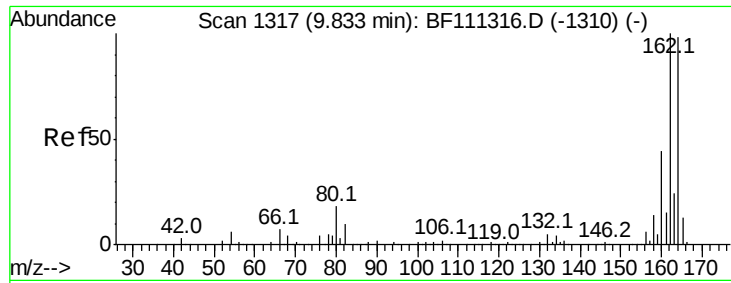
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#23
Nitrobenzene-d5
Concen: 71.549 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111337.D
Acq: 12 Dec 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.3	37.4	56.2	
54	58.9	47.6	71.4	





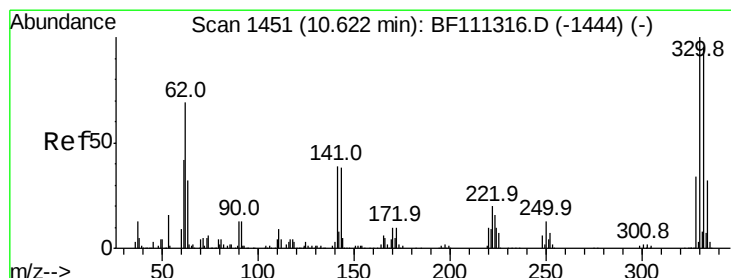
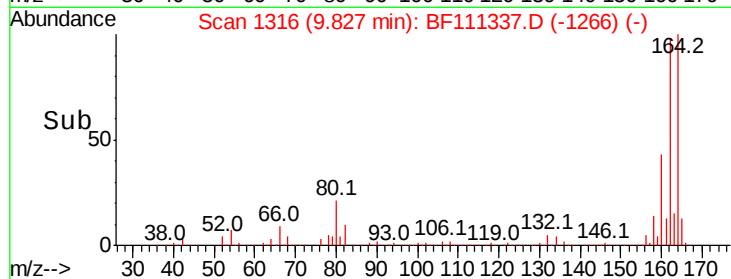
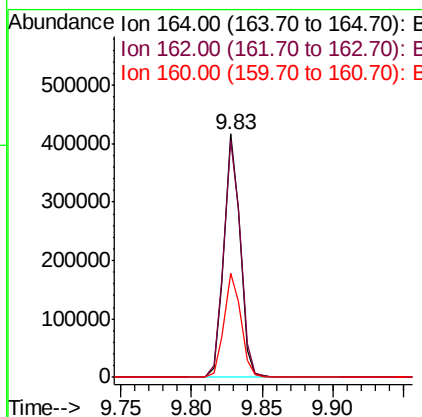
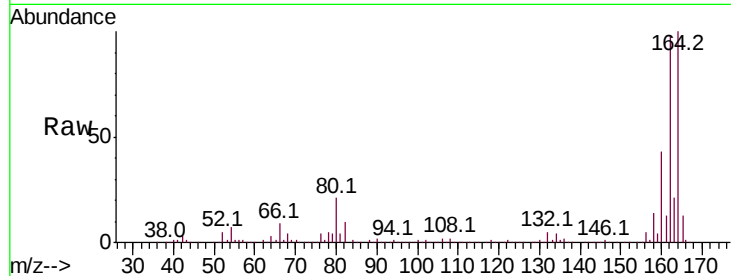
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111337.D
Acq: 12 Dec 2018 22:28

Instrument :
BNA_F
ClientSampled :
SB-6(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	333181		
162	97.5	81.4	122.0	
160	42.8	35.7	53.5	

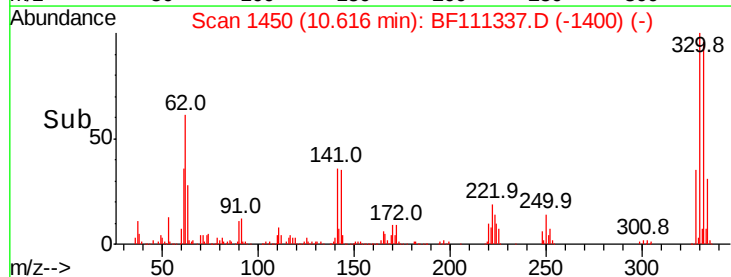
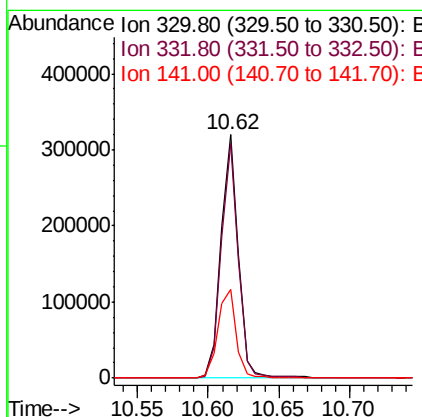
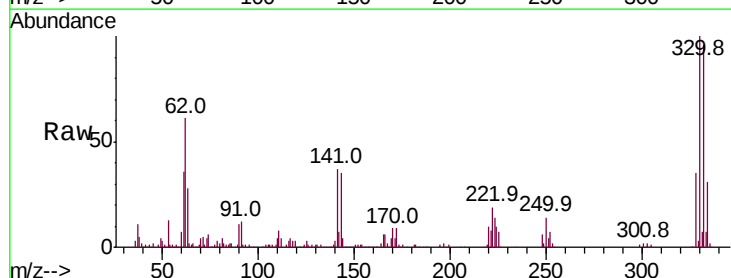
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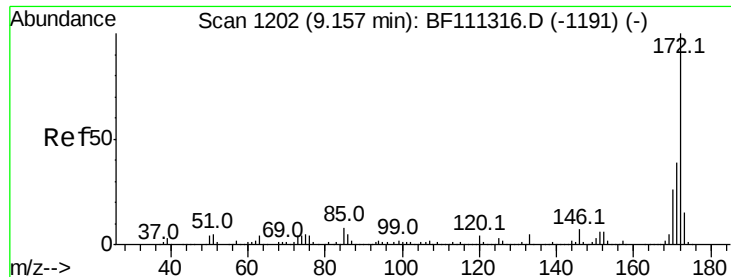
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#42
2,4,6-Tribromophenol
Concen: 93.156 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111337.D
Acq: 12 Dec 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	273603		
332	95.6	76.0	114.0	
141	38.6	31.0	46.6	





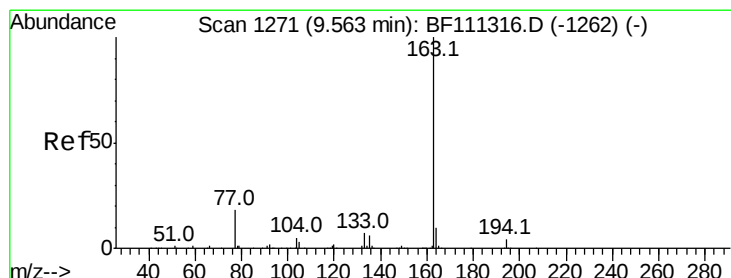
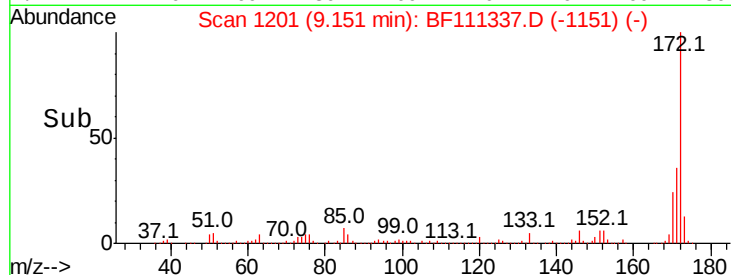
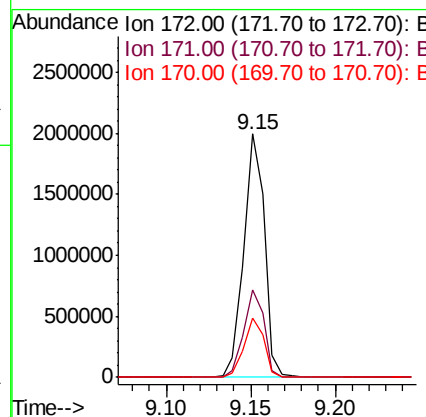
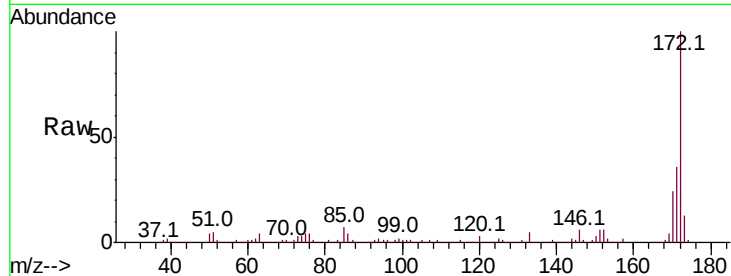
#45
2-Fluorobiphenyl
Concen: 81.761 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111337.D
Acq: 12 Dec 2018 22:28

Instrument :
BNA_F
ClientSampled :
SB-6(0-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	33.0	49.4
170	24.4	22.3	33.5

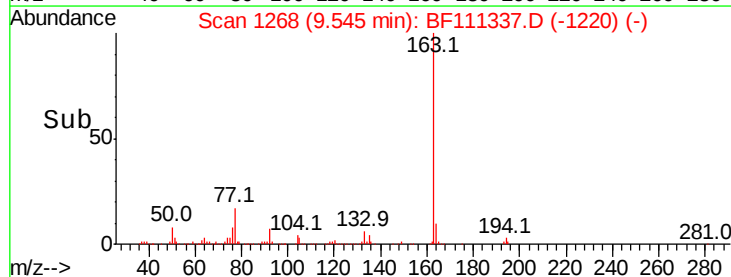
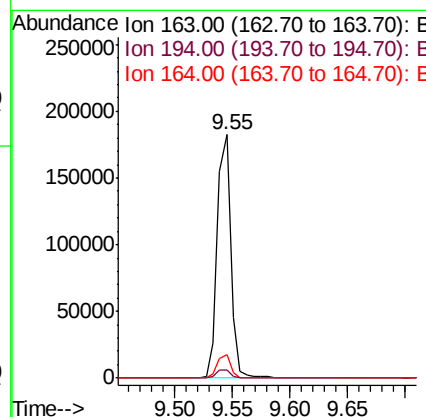
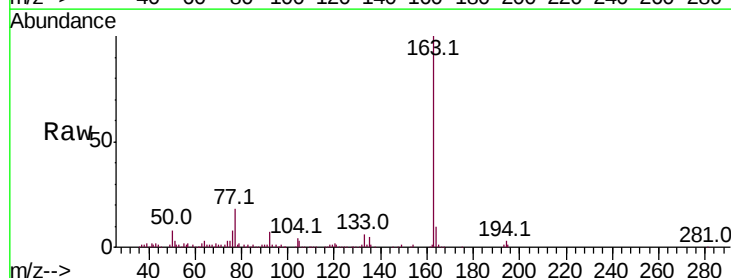
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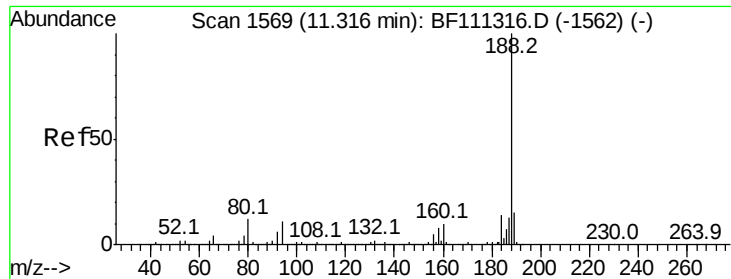
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#50
Dimethylphthalate
Concen: 6.294 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111337.D
Acq: 12 Dec 2018 22:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.6
164	9.7	8.9	13.3





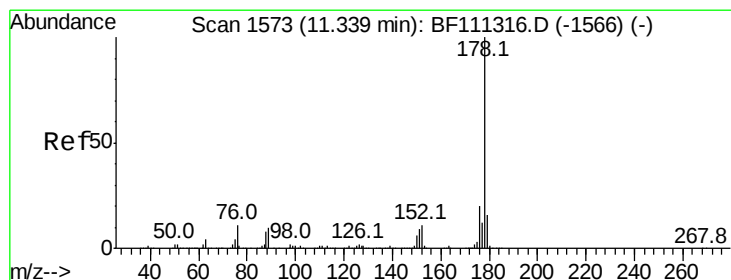
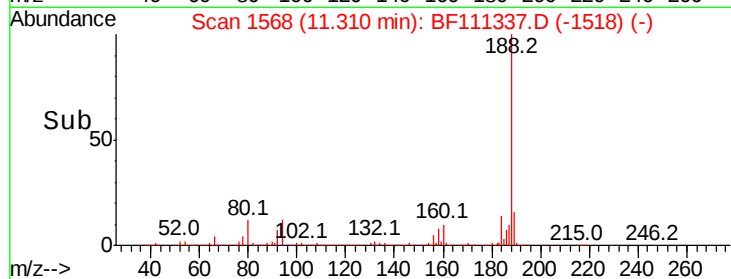
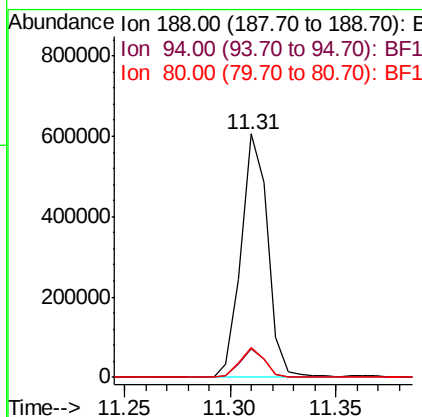
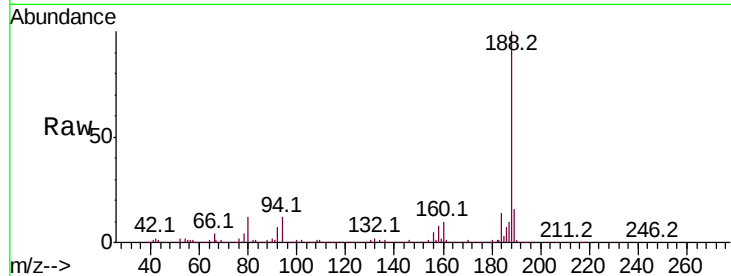
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111337.D
Acq: 12 Dec 2018 22:28

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.9	9.6	14.4
80	12.0	9.8	14.6

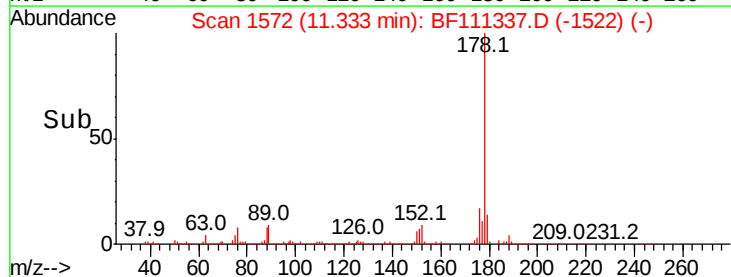
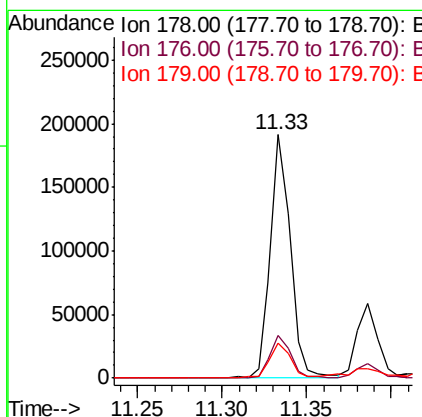
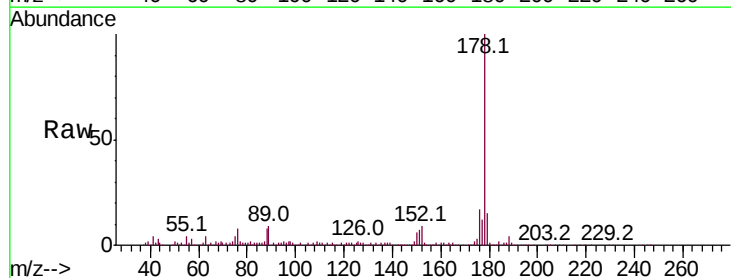
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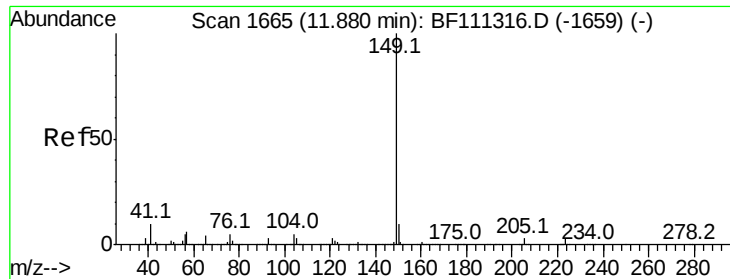
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#71
Phenanthrene
Concen: 5.733 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111337.D
Acq: 12 Dec 2018 22:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	17.4	18.1	27.1#
179	14.6	14.0	21.0





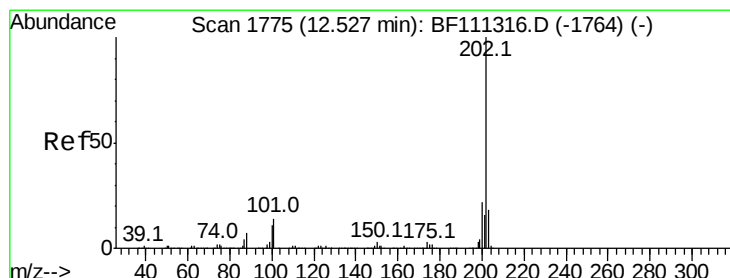
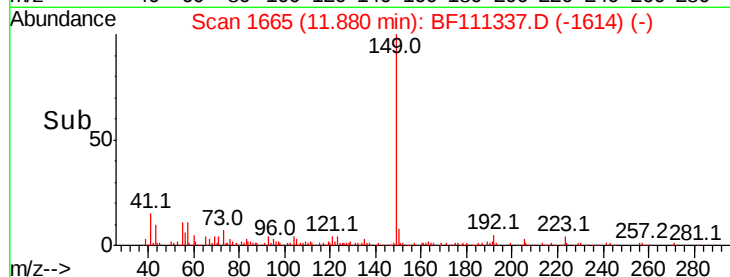
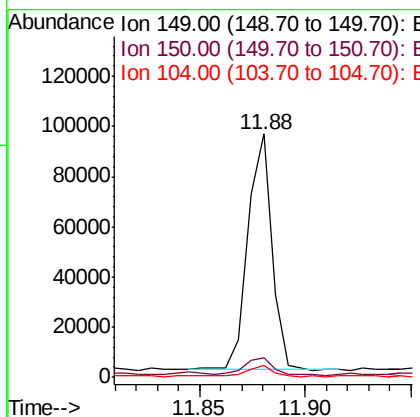
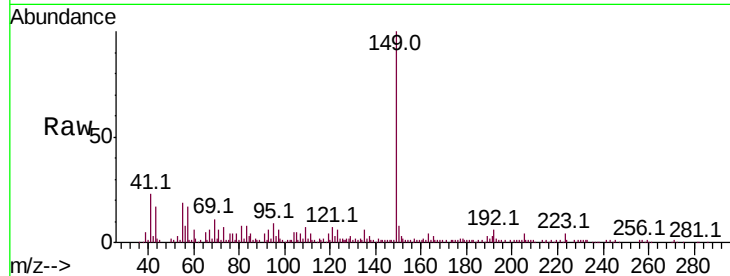
#74
Di-n-butylphthalate
Concen: 2.267 ng
RT: 11.88 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BF111337.D
Acq: 12 Dec 2018 22:28

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
149	100	74344		
150	8.3	8.8	13.2	
104	4.7	4.5	6.7	

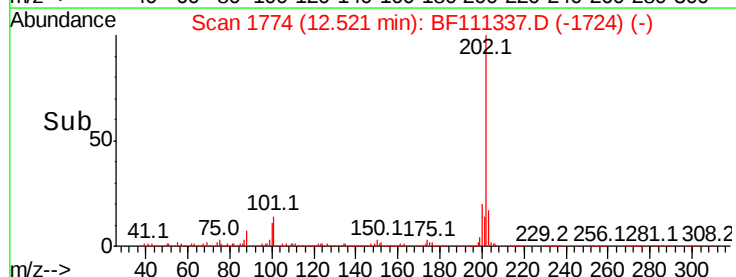
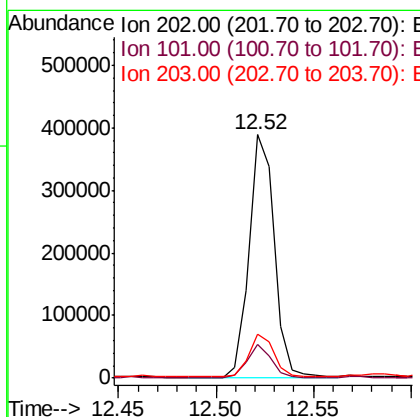
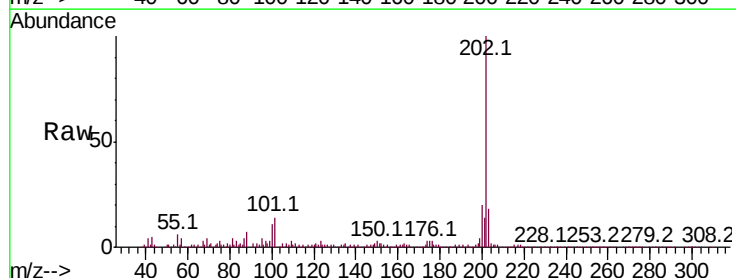
Manual Integrations
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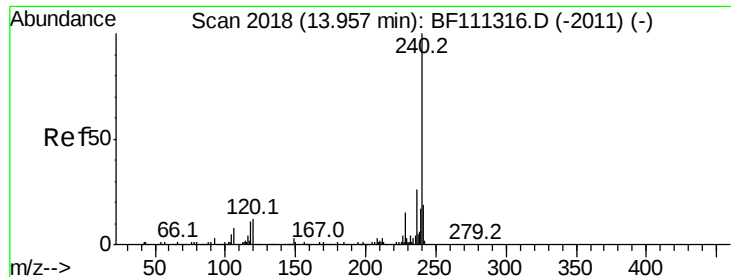
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#75
Fluoranthene
Concen: 13.072 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF111337.D
Acq: 12 Dec 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	349086		
101	14.1	0.0	33.8	
203	17.8	0.0	38.6	





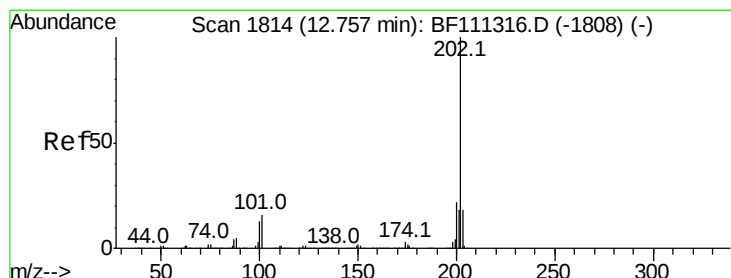
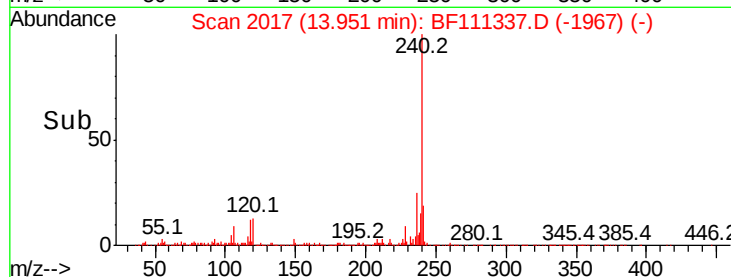
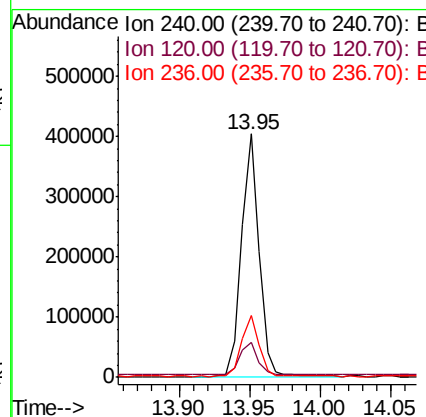
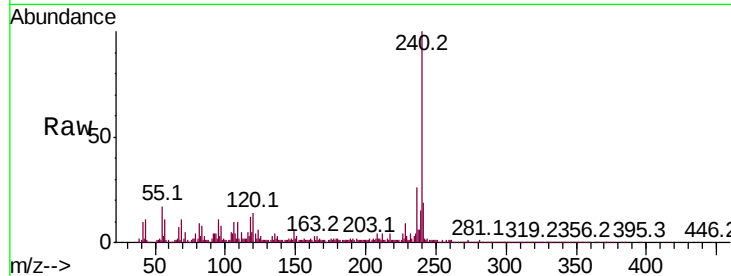
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111337.D
Acq: 12 Dec 2018 22:28

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	12.2	18.2
236	25.7	20.2	30.2

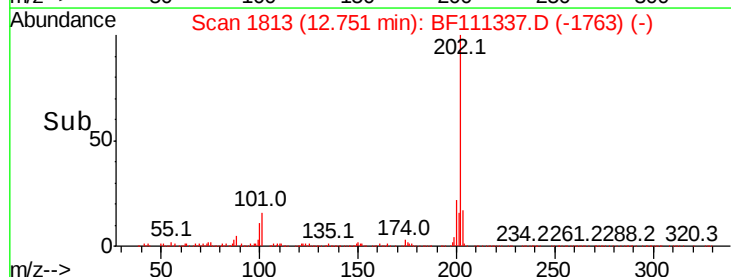
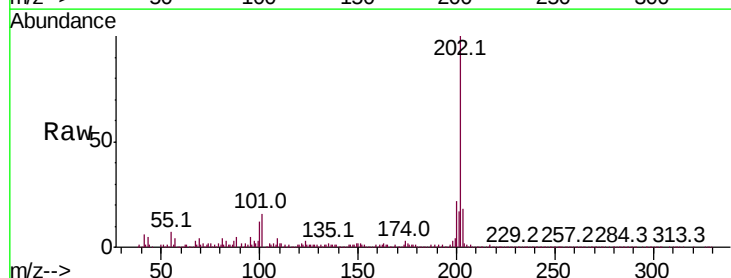
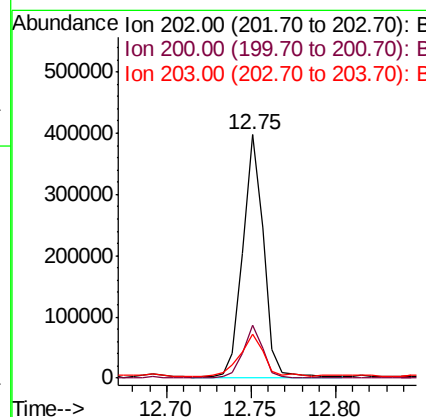
Manual Integrations
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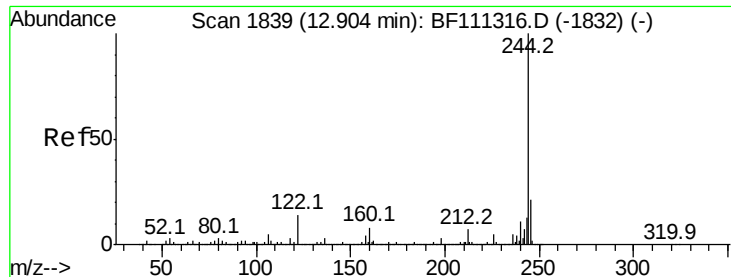
Sohil
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#78
Pyrene
Concen: 12.409 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111337.D
Acq: 12 Dec 2018 22:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	19.0	28.4
203	18.1	15.2	22.8





#79

Terphenyl-d14

Concen: 81.888 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111337.D

Acq: 12 Dec 2018 22:28

Instrument :

BNA_F

ClientSampleId :

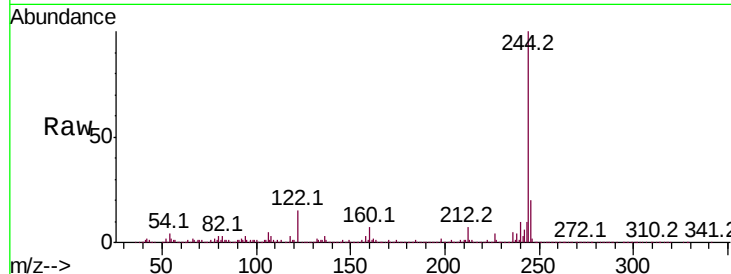
SB-6(0-2)

Tot Ion:244 Resp: 1311172

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	14.5	13.1	19.7

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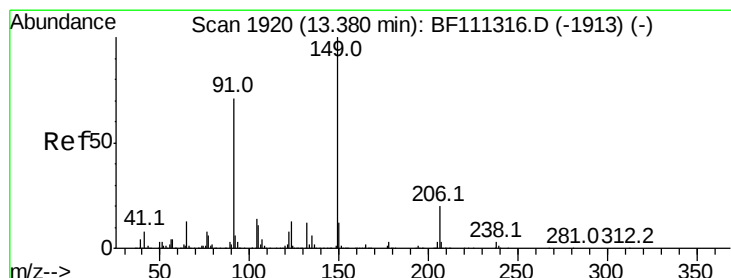
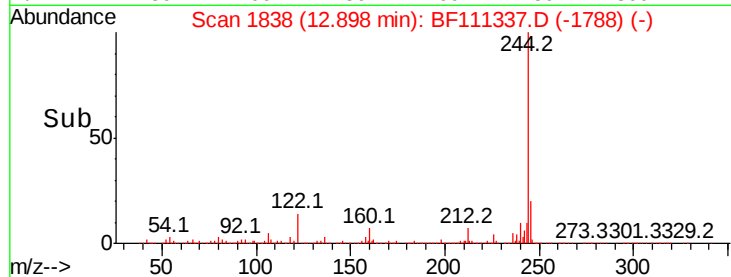
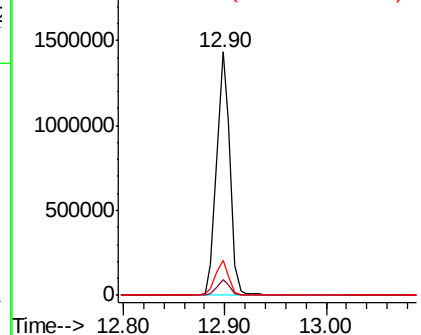


Abundance

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



#80

Butylbenzylphthalate

Concen: 8.581 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF111337.D

Acq: 12 Dec 2018 22:28

Tgt Ion:149 Resp: 112061

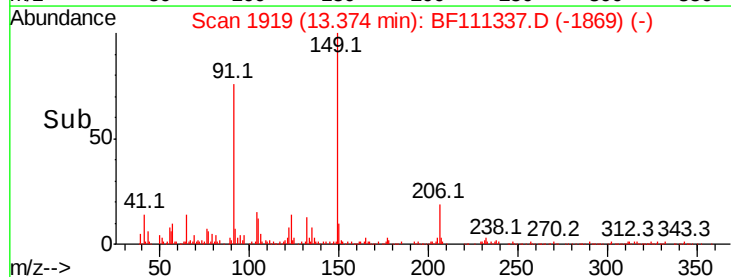
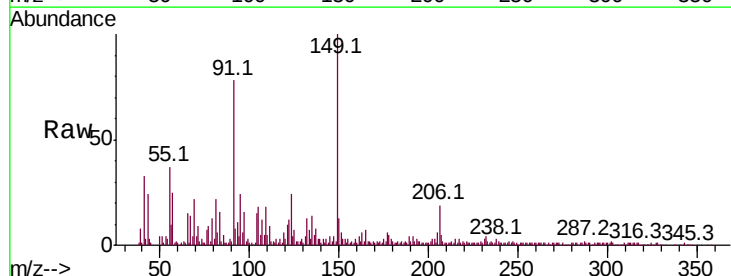
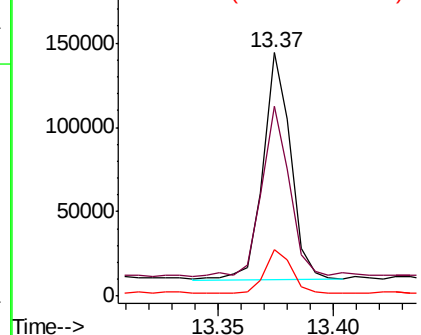
Ion	Ratio	Lower	Upper
149	100		
91	78.1	63.8	95.6
206	19.1	15.1	22.7

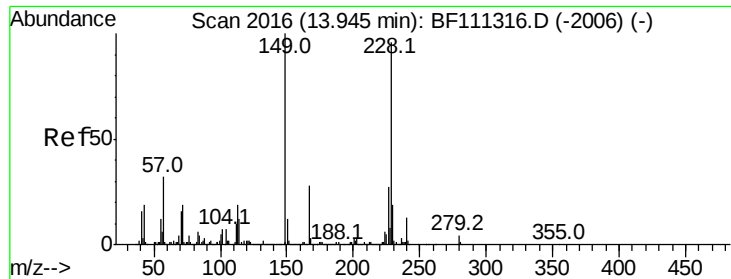
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 8.102 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111337.D

Acq: 12 Dec 2018 22:28

Instrument :

BNA_F

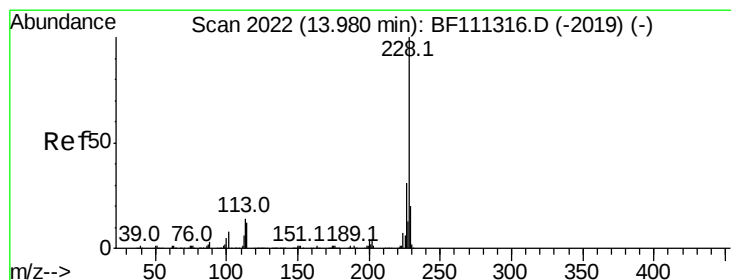
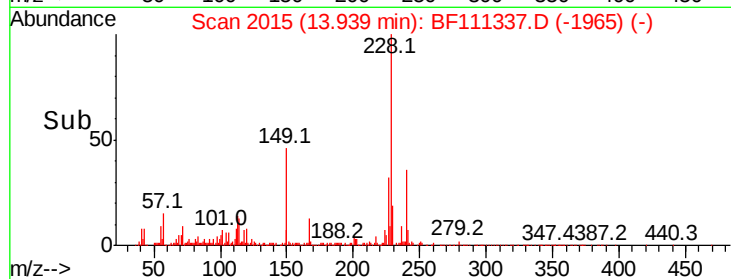
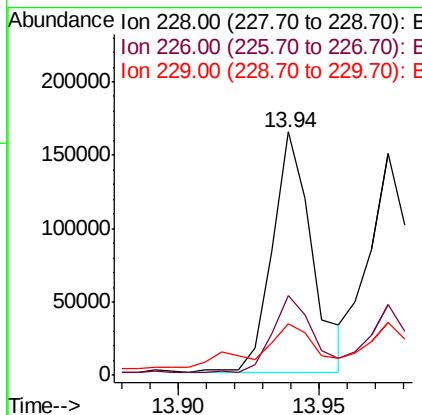
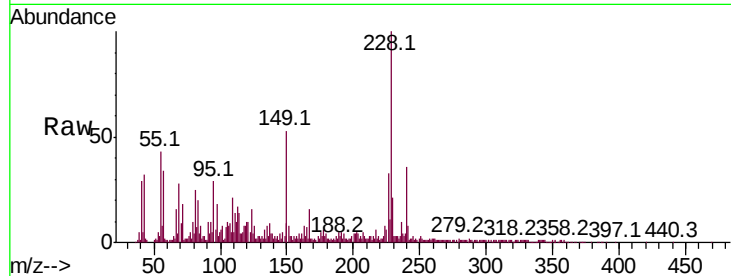
ClientSampled :

SB-6(0-2)

Tot Ion:	228	Resp:	159762
Ion Ratio	Lower	Upper	
228	100		
226	32.6	22.6	34.0
229	21.3	16.3	24.5

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#83

Chrysene

Concen: 7.303 ng

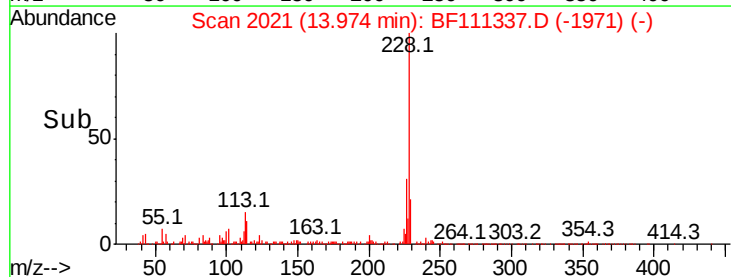
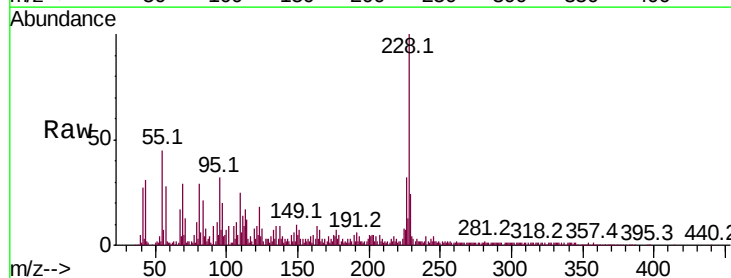
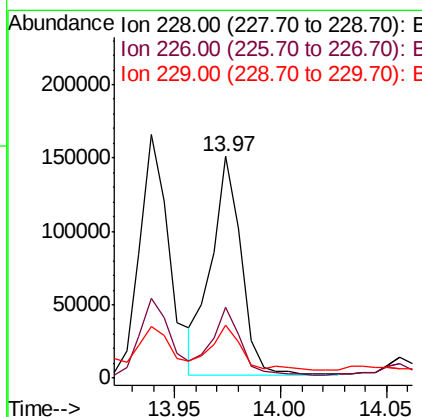
RT: 13.97 min Scan# 2021

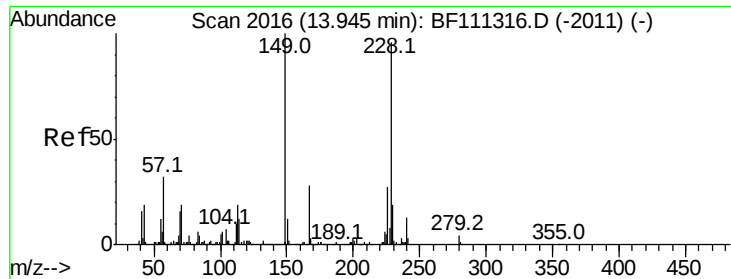
Delta R.T. -0.01 min

Lab File: BF111337.D

Acq: 12 Dec 2018 22:28

Tgt Ion:	228	Resp:	146906
Ion Ratio	Lower	Upper	
228	100		
226	31.7	25.3	37.9
229	24.1	17.2	25.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.417 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111337.D

Acq: 12 Dec 2018 22:28

Instrument :

BNA_F

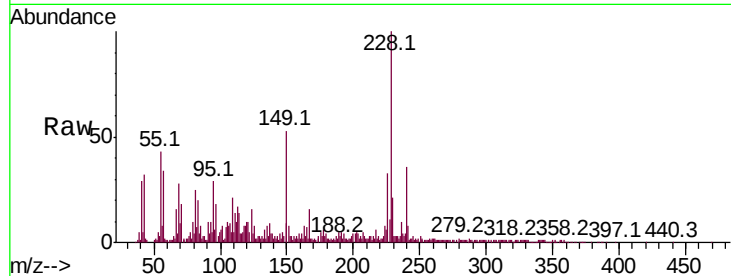
ClientSampleId :

SB-6(0-2)

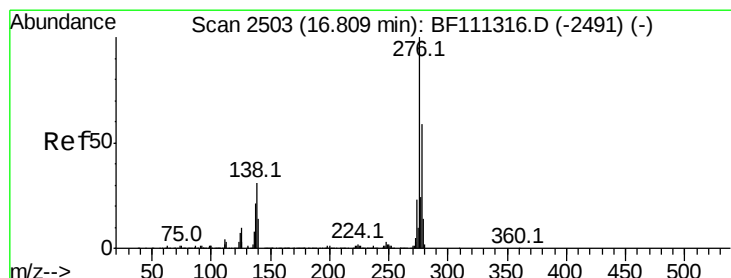
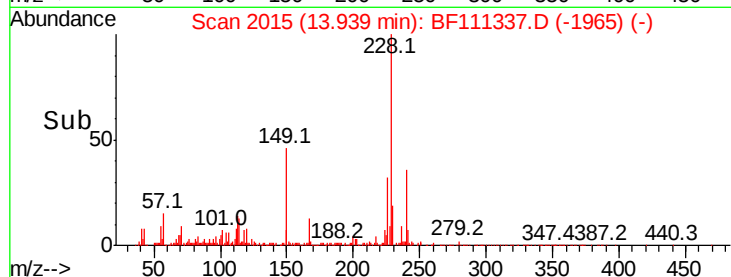
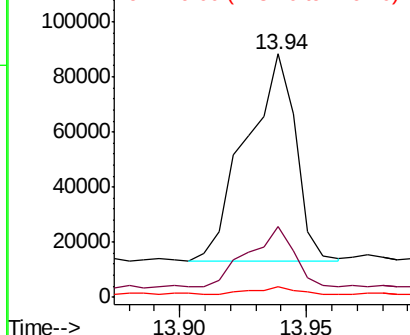
Tot Ion:	149	Resp:	102440
Ion Ratio	Lower	Upper	
149	100		
167	29.3	22.5	33.7
279	4.2	2.6	4.0#

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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: 5.045 ng

RT: 16.80 min Scan# 2502

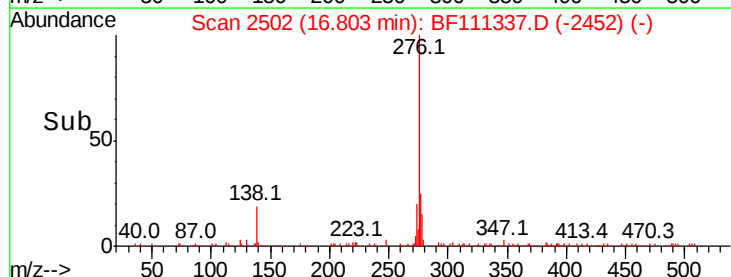
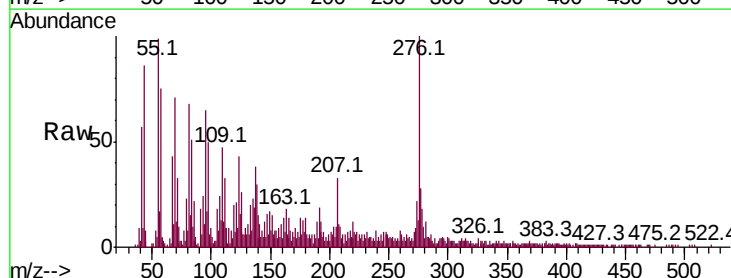
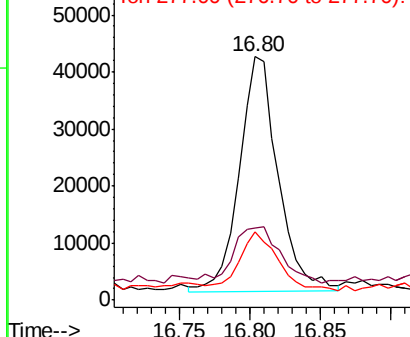
Delta R.T. -0.01 min

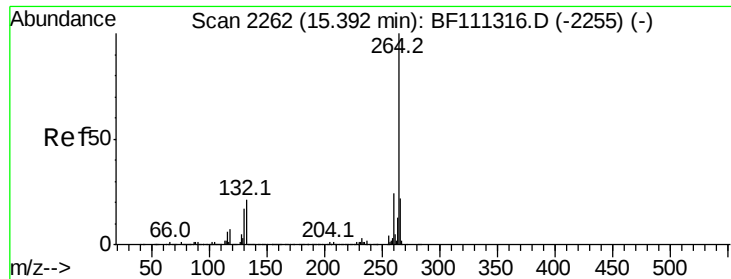
Lab File: BF111337.D

Acq: 12 Dec 2018 22:28

Tgt Ion:	276	Resp:	79377
Ion Ratio	Lower	Upper	
276	100		
138	29.1	27.8	41.6
277	25.0	20.1	30.1

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

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BF111337.D

Acq: 12 Dec 2018 22:28

Instrument :

BNA_F

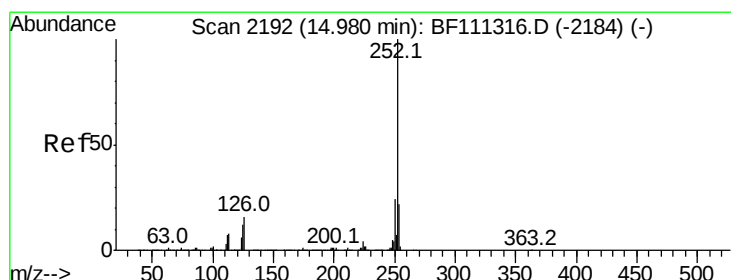
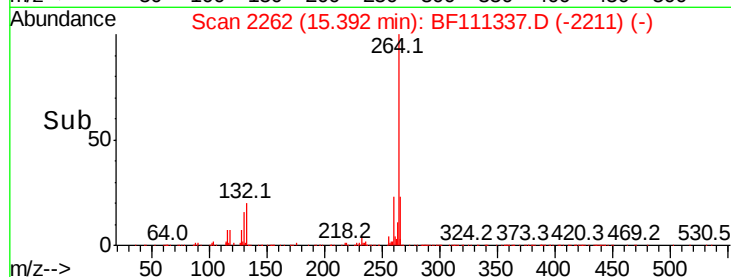
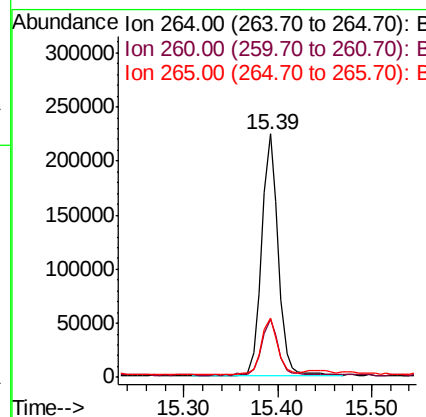
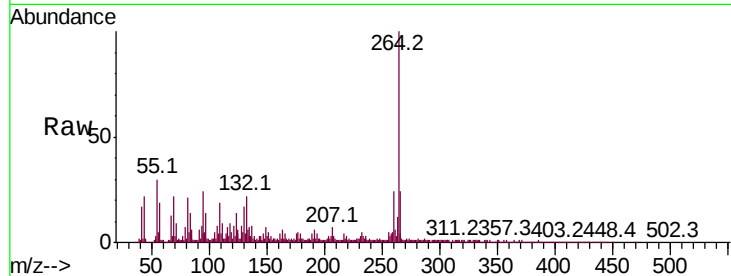
ClientSampleId :

SB-6(0-2)

Tot Ion:	264	Resp:	274726
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.3	27.5
265	24.2	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 10.532 ng m

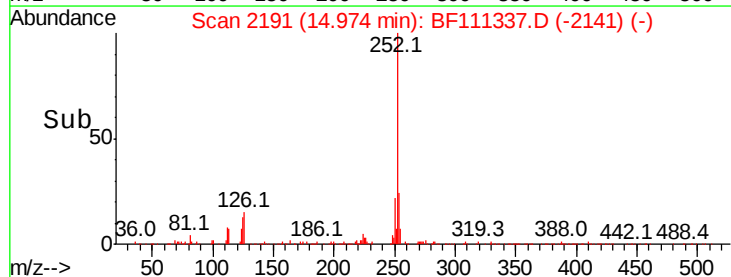
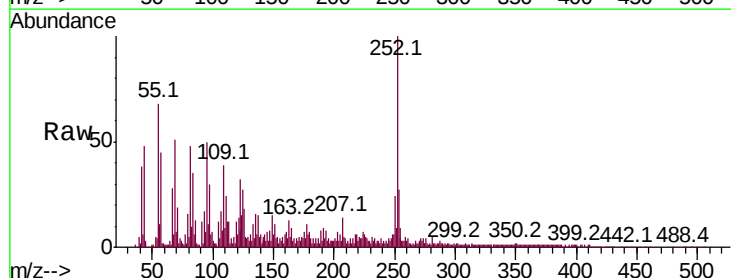
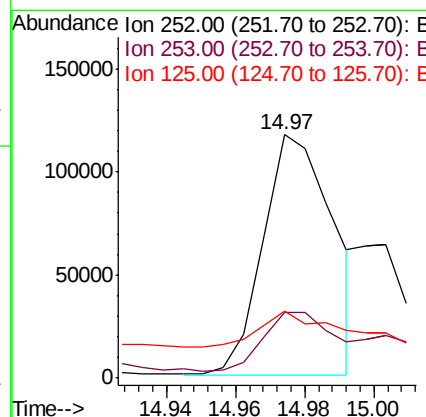
RT: 14.97 min Scan# 2191

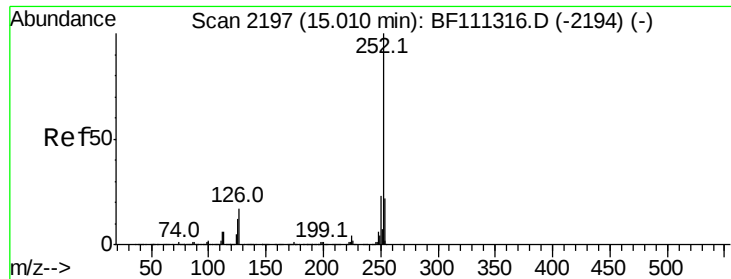
Delta R.T. -0.01 min

Lab File: BF111337.D

Acq: 12 Dec 2018 22:28

Tgt Ion:	252	Resp:	164522
Ion Ratio	Lower	Upper	
252	100		
253	26.9	18.2	27.2
125	27.4	10.4	15.6#





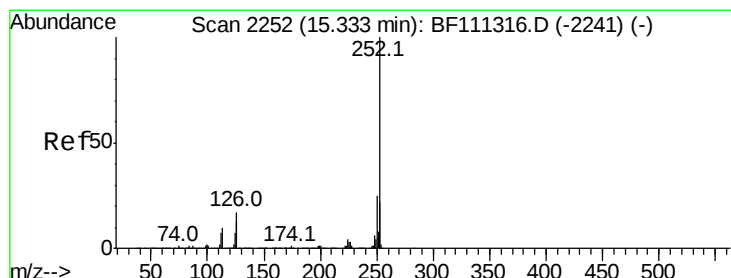
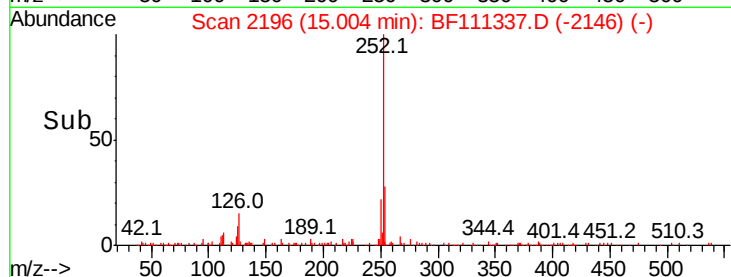
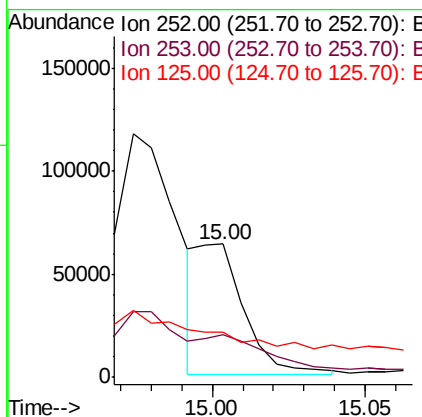
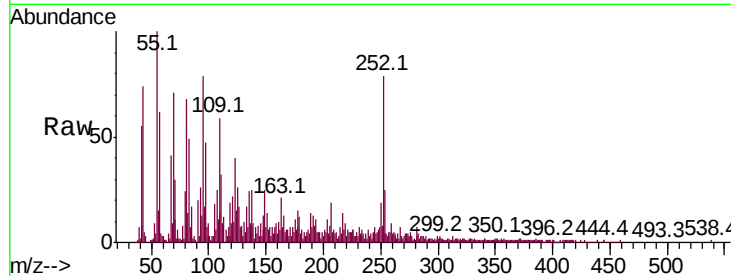
#89
Benzo(k)fluoranthene
Concen: 4.249 ng m
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF111337.D
Acq: 12 Dec 2018 22:28

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.4	18.1	27.1#
125	33.7	9.8	14.8#

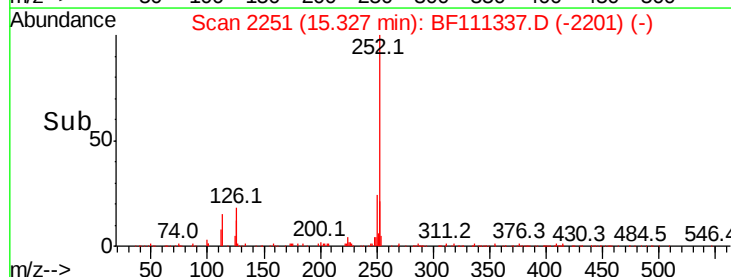
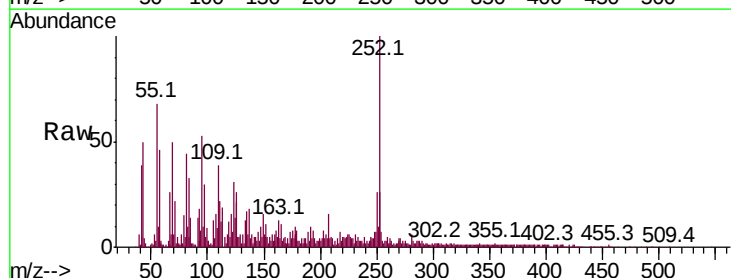
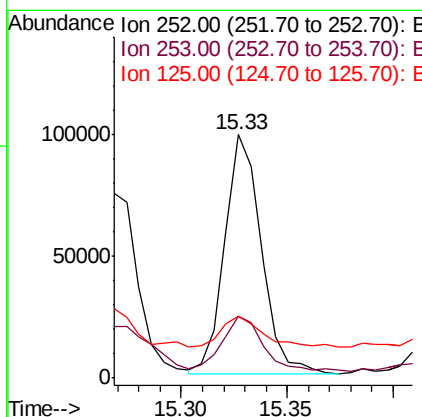
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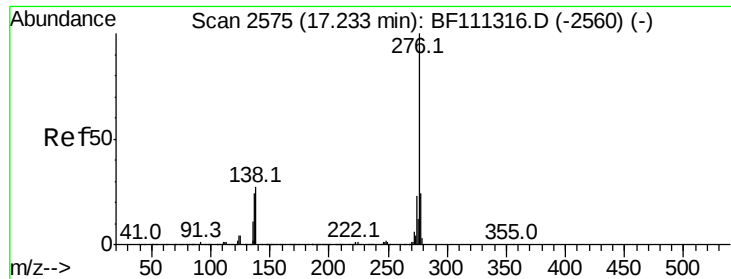
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#90
Benzo(a)pyrene
Concen: 8.113 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF111337.D
Acq: 12 Dec 2018 22:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.8	26.8
125	25.6	12.3	18.5#





#92
 Benzo(a,h,i)perylene
 Concen: 7.318 ng
 RT: 17.23 min Scan# 2575
 Delta R.T. -0.00 min
 Lab File: BF111337.D
 Acq: 12 Dec 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(0-2)

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.0	19.2	28.8
138	33.9	24.9	37.3

Manual Integrations
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