

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111336.D
 Acq On : 12 Dec 2018 22:01
 Operator : JU/SJ
 Sample : J6214-27 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 12/13/2018 6:06:45 PM

Quant Time: Dec 13 04:14:42 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	261073	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	933653	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	361773	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	594619	20.00	ng	0.00
76) Chrysene-d12	13.96	240	425929	20.00	ng	0.00
87) Perylene-d12	15.40	264	342651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	750460	48.61	ng	0.00
7) Phenol-d6	6.42	99	935675	44.95	ng	-0.01
23) Nitrobenzene-d5	7.35	82	515959	31.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	135546	42.50	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	849889	37.72	ng	0.00
79) Terphenyl-d14	12.90	244	674883	34.87	ng	0.00
Target Compounds						
10) Phenol	6.43	94	68445	2.903	ng	99
50) Dimethylphthalate	9.54	163	76735	2.950	ng	# 99
71) Phenanthrene	11.33	178	67994	2.212	ng	95
74) Di-n-butylphthalate	11.88	149	109544	2.973	ng	97
75) Fluoranthene	12.52	202	174786	5.825	ng	99
78) Pyrene	12.75	202	165785	5.043	ng	95
80) Butylbenzylphthalate	13.37	149	107825	6.832	ng	94
81) Benzo(a)anthracene	13.94	228	79105	3.319	ng	# 93
83) Chrysene	13.98	228	75358	3.099	ng	# 91
84) Bis(2-ethylhexyl)phthalate	13.94	149	47776	2.476	ng	# 96
86) Indeno(1,2,3-cd)pyrene	16.81	276	45232	2.379	ng	95
88) Benzo(b)fluoranthene	14.99	252	97987m	5.029	ng	
90) Benzo(a)pyrene	15.34	252	65008	3.583	ng	# 47
92) Benzo(a,h,i)perylene	17.23	276	64169	4.252	ng	100

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

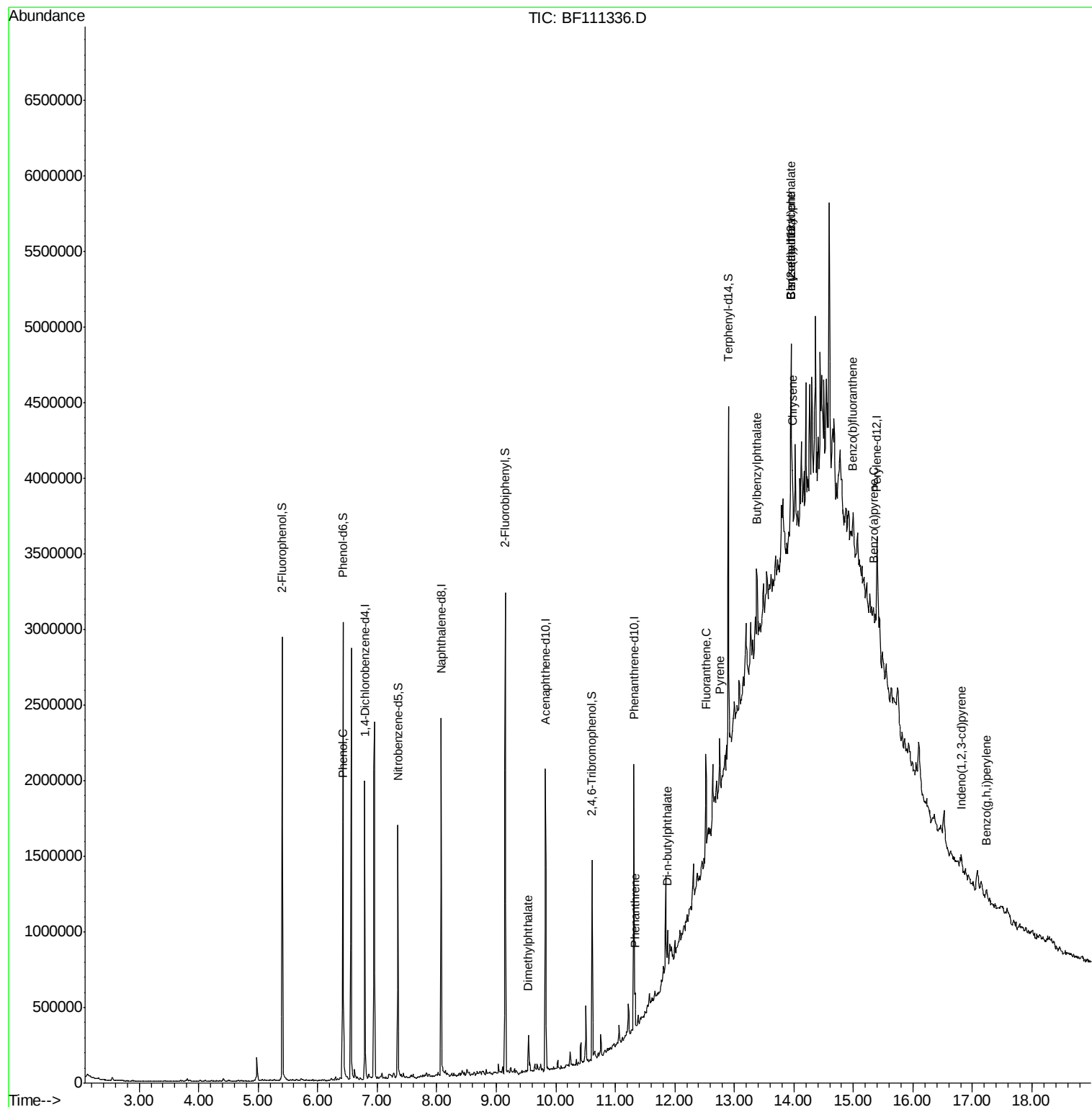
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111336.D
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ALS Vial : 16 Sample Multiplier: 1

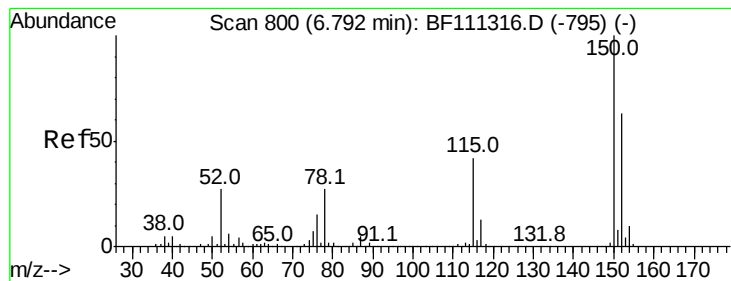
Instrument :
BNA_F
ClientSampleId :
SB-2(0-2)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
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#1

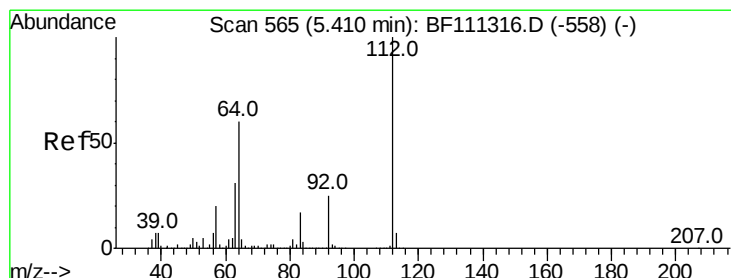
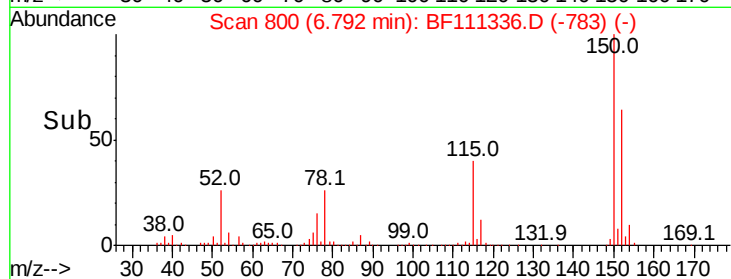
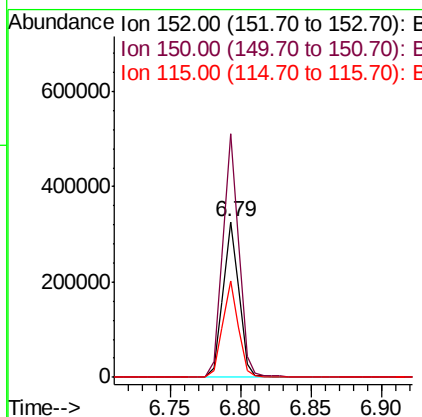
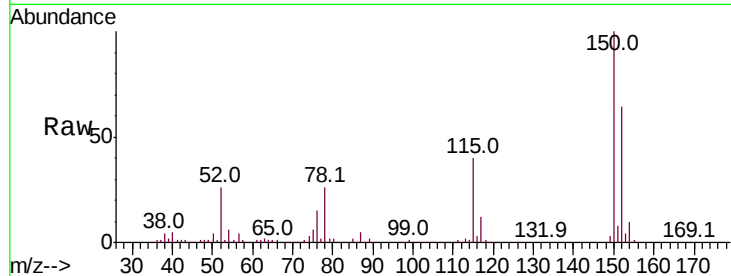
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111336.D
Acq: 12 Dec 2018 22:01

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.6	189.8
115	62.1	50.7	76.1

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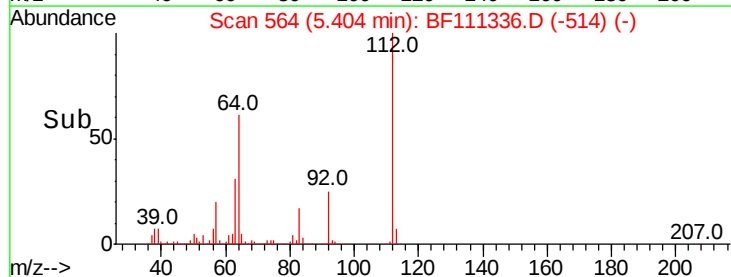
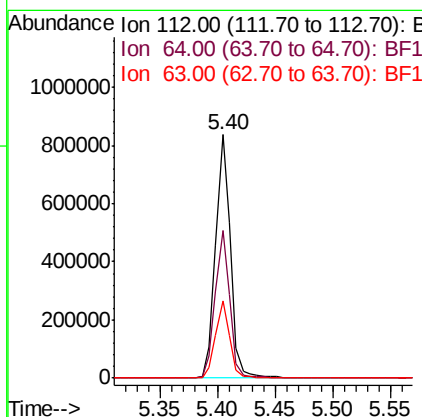
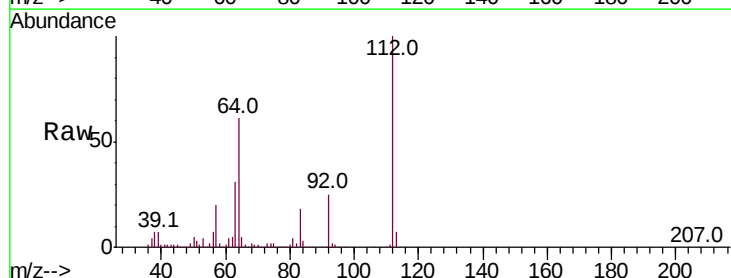
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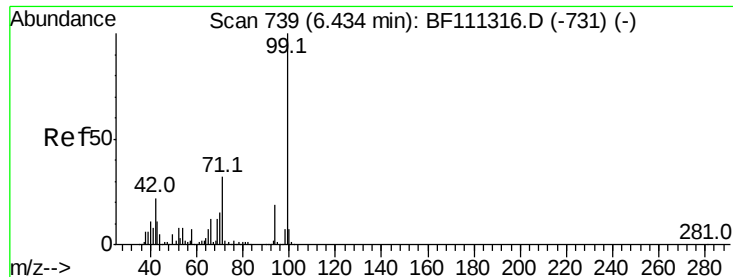


#5

2-Fluorophenol
Concen: 48.609 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111336.D
Acq: 12 Dec 2018 22:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	51.8	77.6
63	31.5	26.8	40.2





#7

Phenol-d6

Concen: 44.951 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111336.D

Acq: 12 Dec 2018 22:01

Instrument :

BNA_F

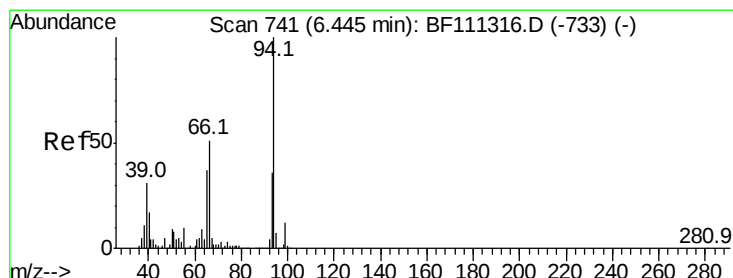
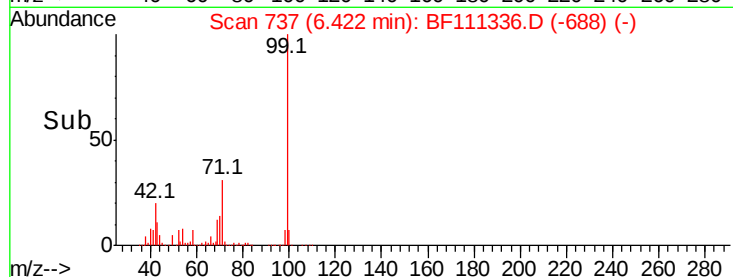
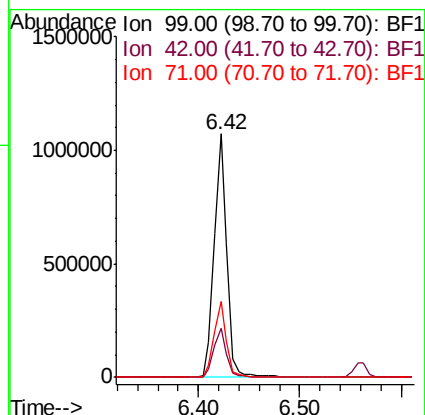
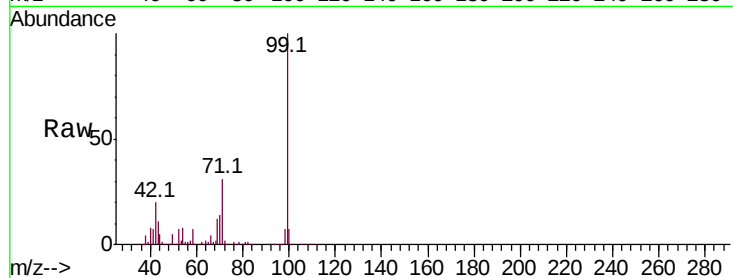
ClientSampled :

SB-2(0-2)

Tot Ion:	99	Resp:	935675
Ion Ratio	Lower	Upper	
99	100		
42	20.3	17.4	26.0
71	31.3	26.1	39.1

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#10

Phenol

Concen: 2.903 ng

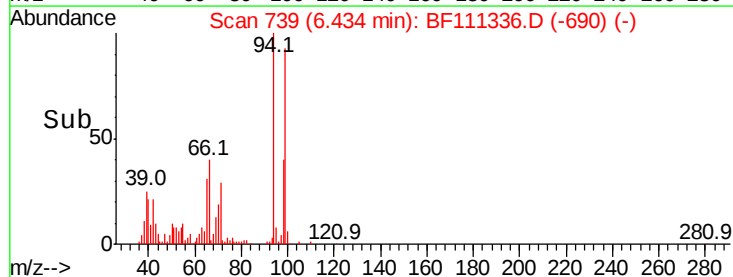
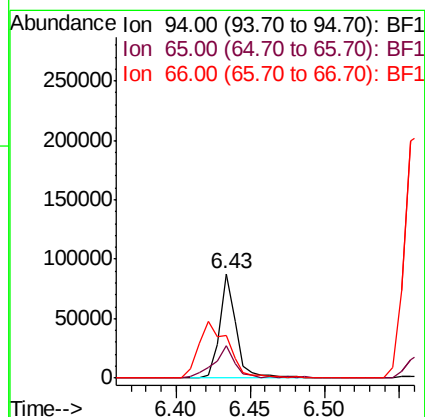
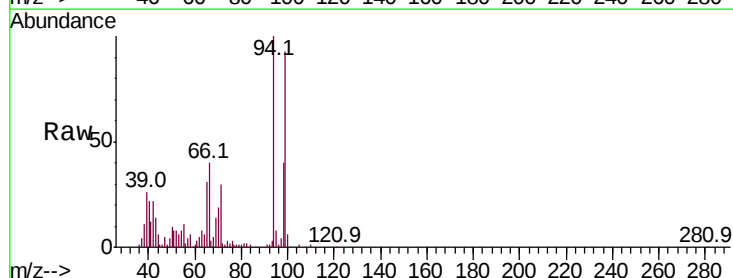
RT: 6.43 min Scan# 739

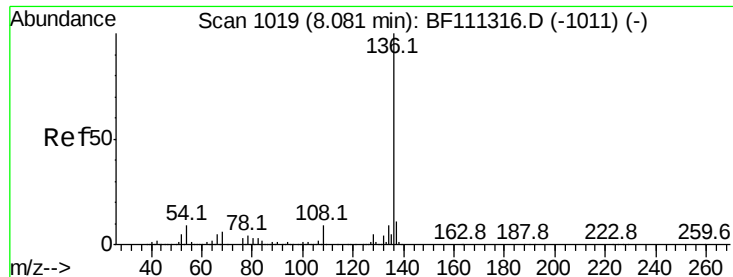
Delta R.T. -0.01 min

Lab File: BF111336.D

Acq: 12 Dec 2018 22:01

Tgt Ion:	94	Resp:	68445
Ion Ratio	Lower	Upper	
94	100		
65	30.5	11.7	51.7
66	40.4	21.0	61.0





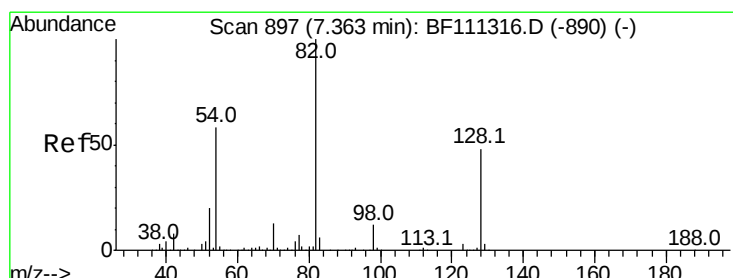
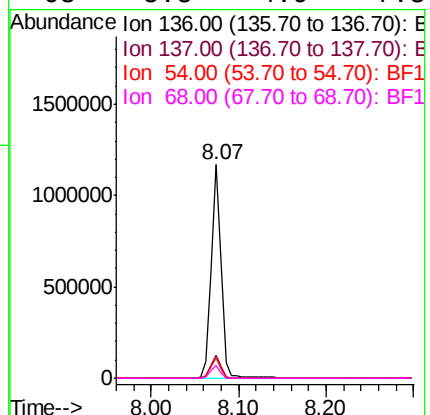
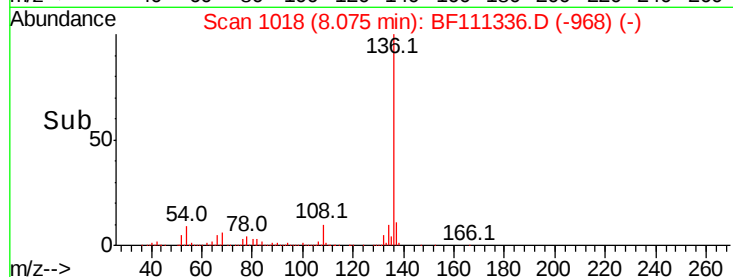
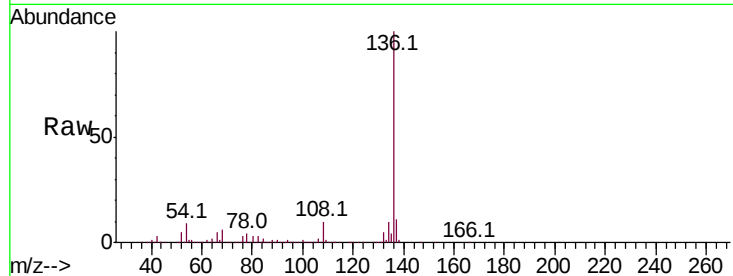
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111336.D
Acq: 12 Dec 2018 22:01

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.1	13.7	
54	9.3	7.7	11.5	
68	5.8	4.9	7.3	

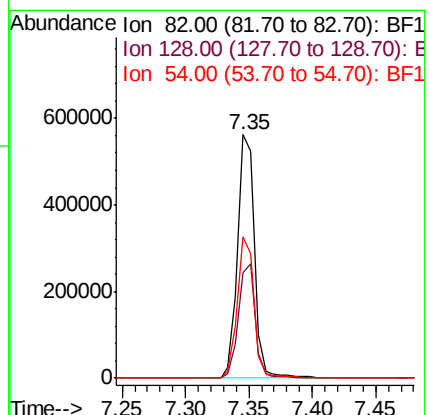
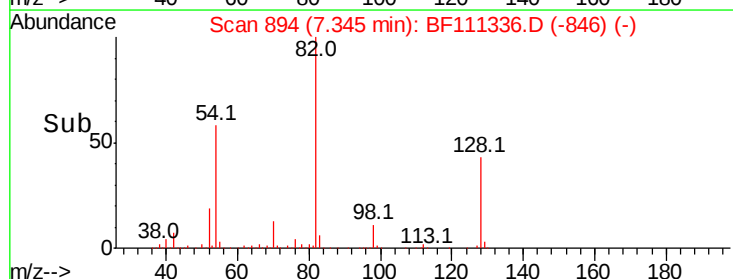
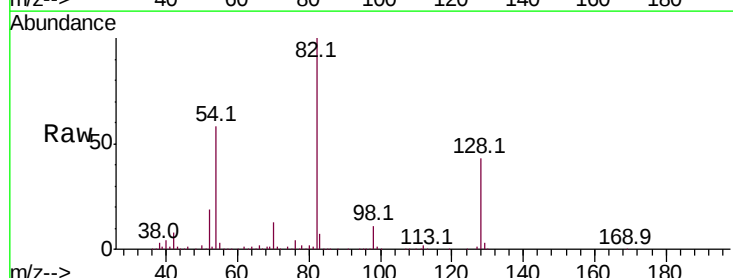
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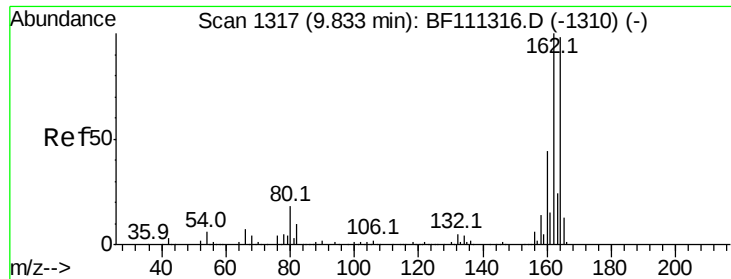
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#23
Nitrobenzene-d5
Concen: 31.148 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF111336.D
Acq: 12 Dec 2018 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.5	37.4	56.2	
54	57.9	47.6	71.4	





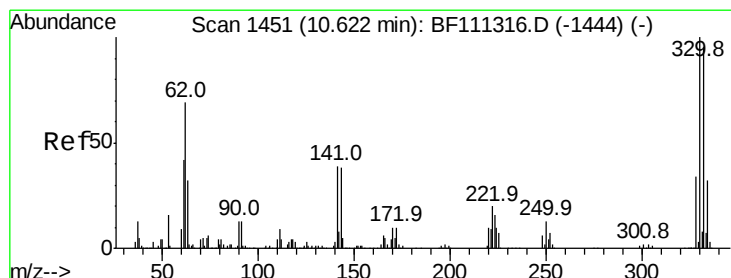
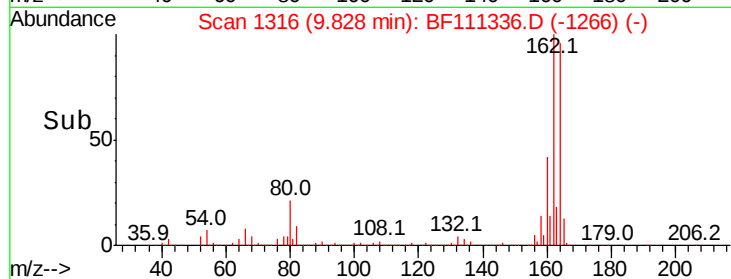
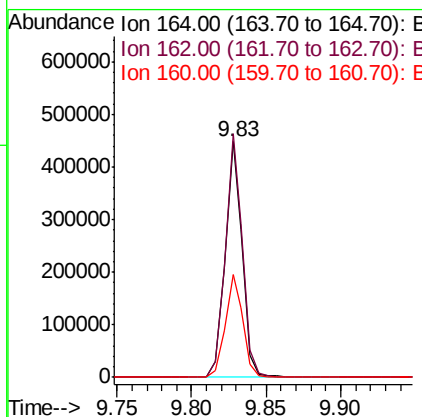
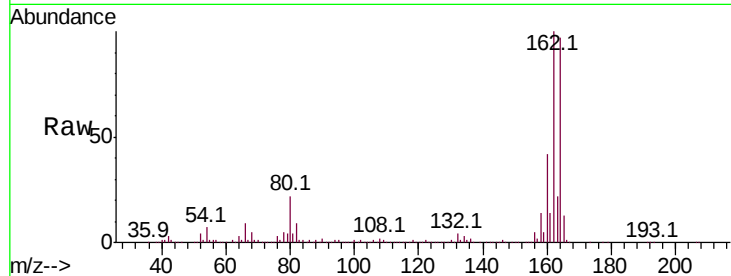
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111336.D
 Acq: 12 Dec 2018 22:01

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100	361773		
162	103.4	81.4	122.0	
160	43.9	35.7	53.5	

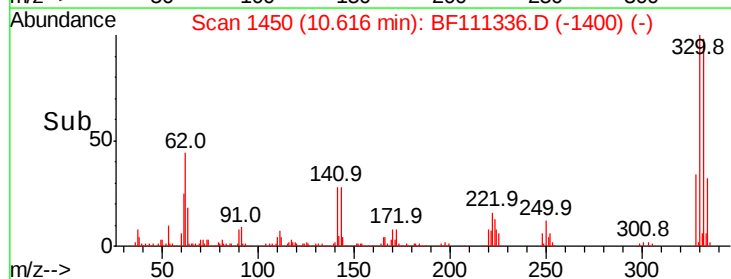
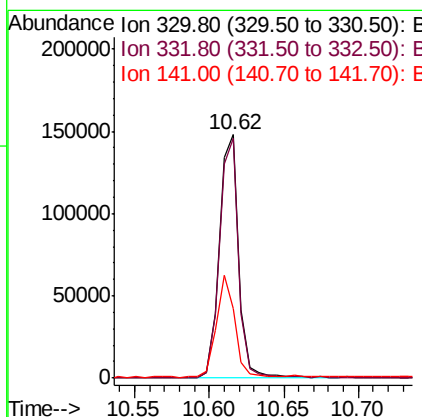
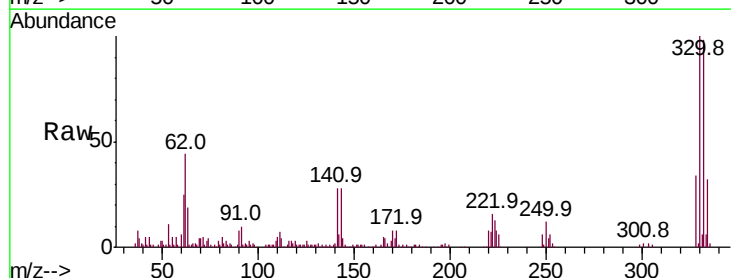
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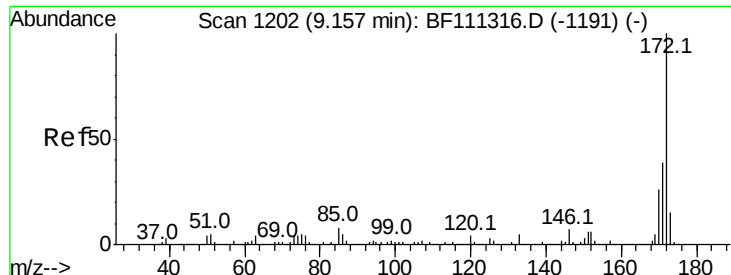
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#42
 2,4,6-Tribromophenol
 Concen: 42.503 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111336.D
 Acq: 12 Dec 2018 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	135546		
332	97.0	76.0	114.0	
141	39.0	31.0	46.6	





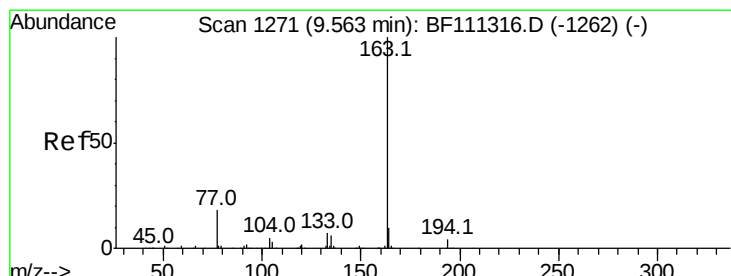
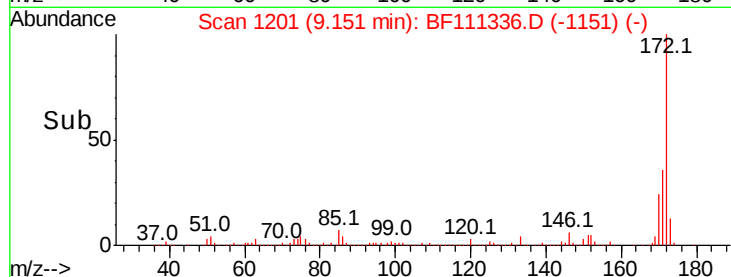
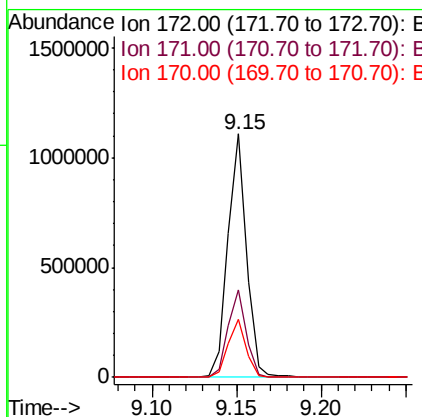
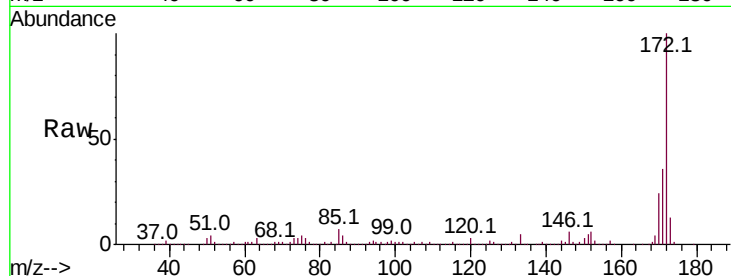
#45
2-Fluorobiphenyl
Concen: 37.717 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111336.D
Acq: 12 Dec 2018 22:01

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100	849889		
171	35.7		33.0	49.4
170	23.9		22.3	33.5

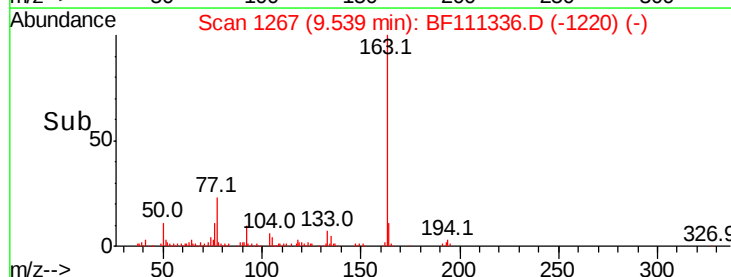
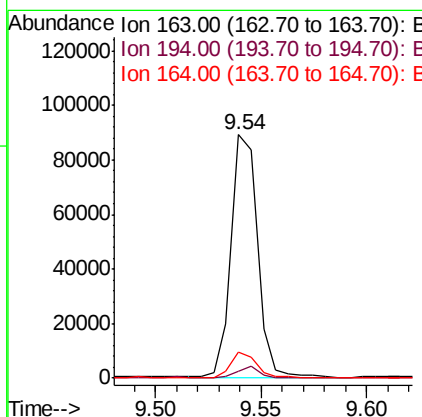
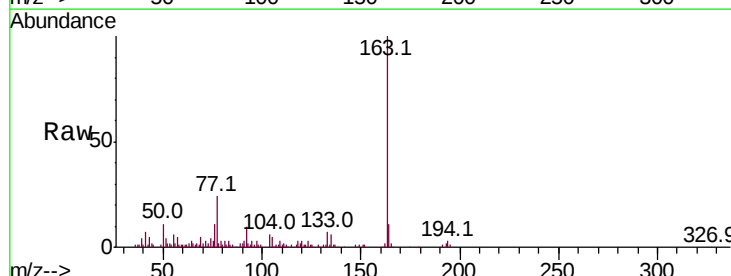
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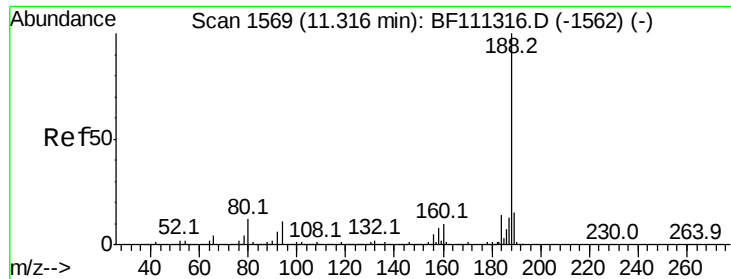
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#50
Dimethylphthalate
Concen: 2.950 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111336.D
Acq: 12 Dec 2018 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	76735		
194	2.9		3.0	4.6#
164	10.9		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: BF111336.D

Acq: 12 Dec 2018 22:01

Instrument :

BNA_F

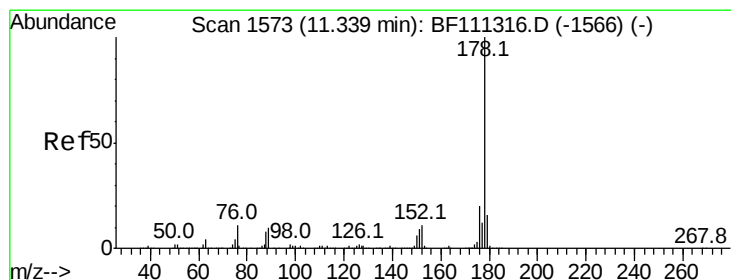
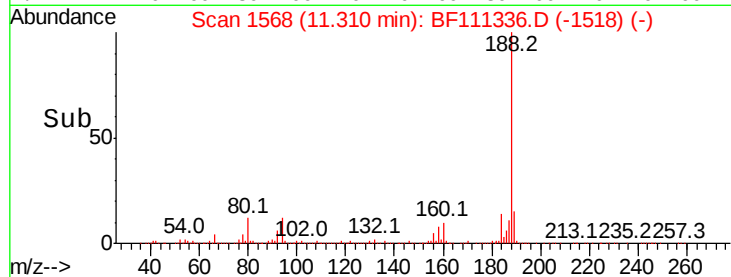
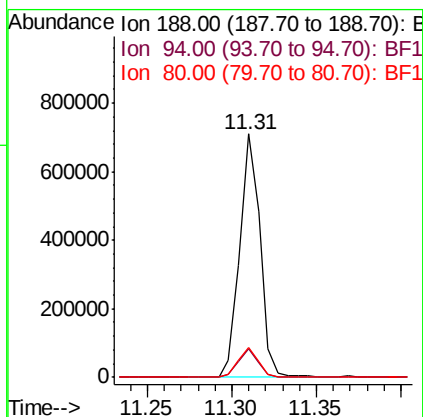
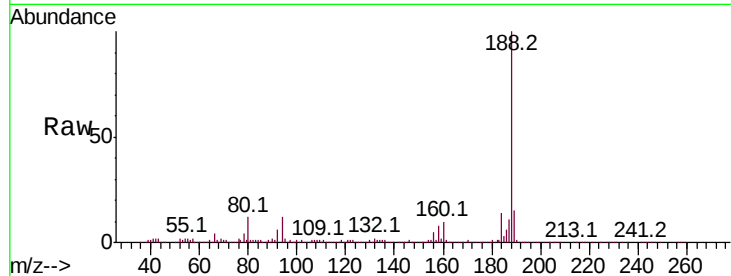
ClientSampled :

SB-2(0-2)

Tot Ion:	188	Resp:	594619
Ion Ratio	Lower	Upper	
188	100		
94	11.8	9.6	14.4
80	12.2	9.8	14.6

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#71

Phenanthrene

Concen: 2.212 ng

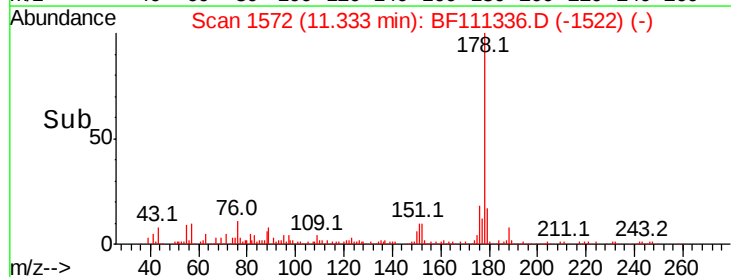
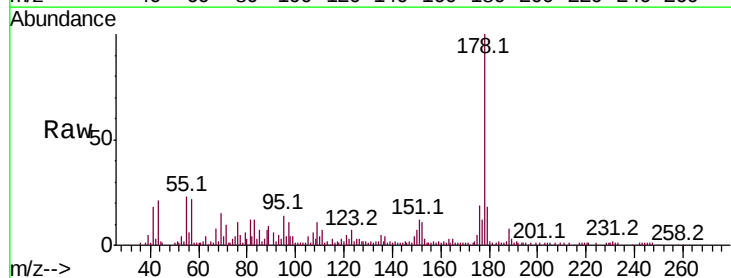
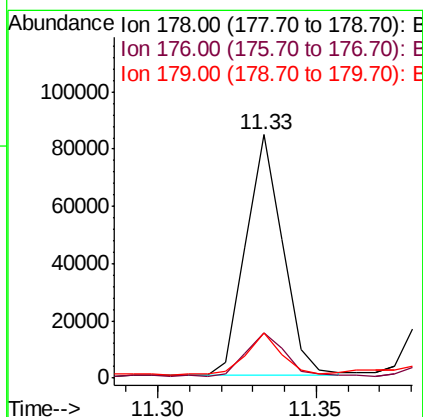
RT: 11.33 min Scan# 1572

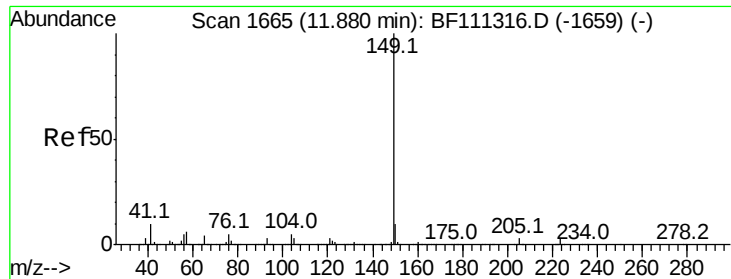
Delta R.T. -0.01 min

Lab File: BF111336.D

Acq: 12 Dec 2018 22:01

Tgt Ion:	178	Resp:	67994
Ion Ratio	Lower	Upper	
178	100		
176	18.8	18.1	27.1
179	18.4	14.0	21.0





#74

Di-n-butylphthalate

Concen: 2.973 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF111336.D

Acq: 12 Dec 2018 22:01

Instrument :

BNA_F

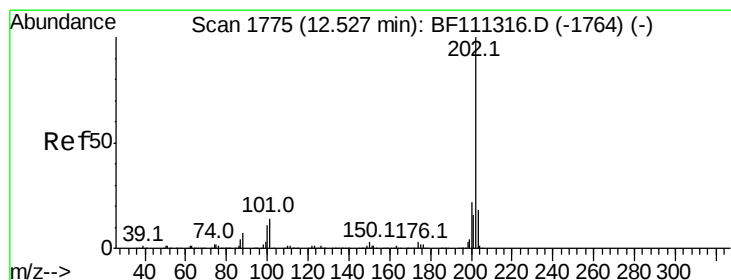
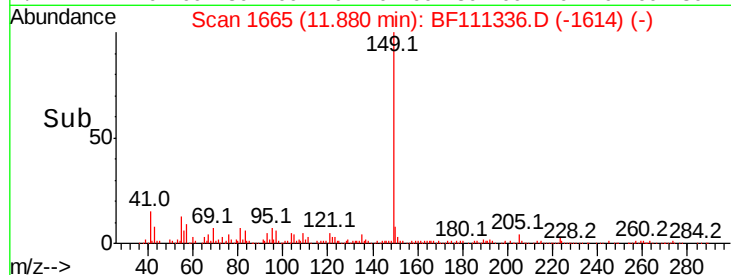
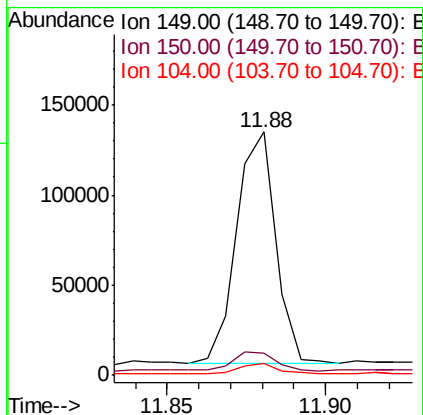
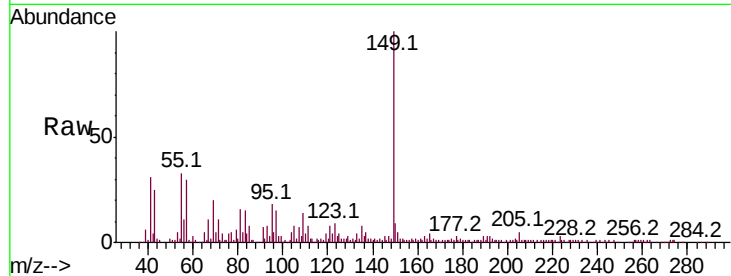
ClientSampleId :

SB-2(0-2)

Tot Ion:	149	Resp:	109544
Ion Ratio	Lower	Upper	
149	100		
150	9.3	8.8	13.2
104	5.2	4.5	6.7

Manual Integrations
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#75

Fluoranthene

Concen: 5.825 ng

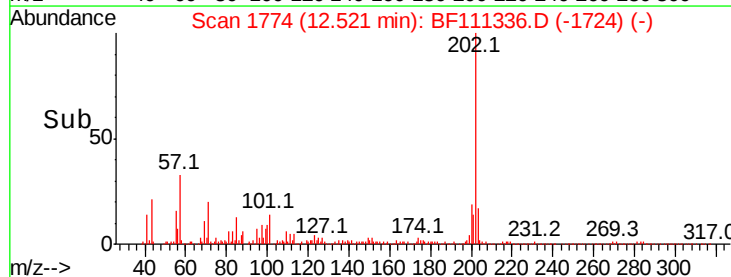
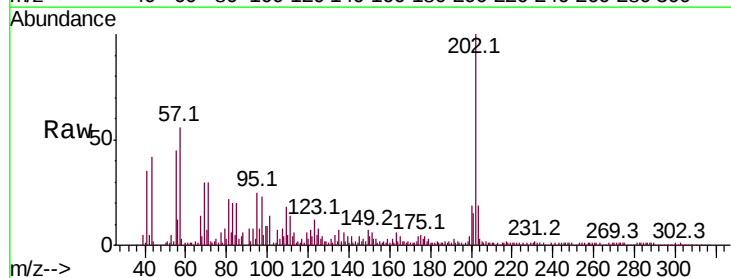
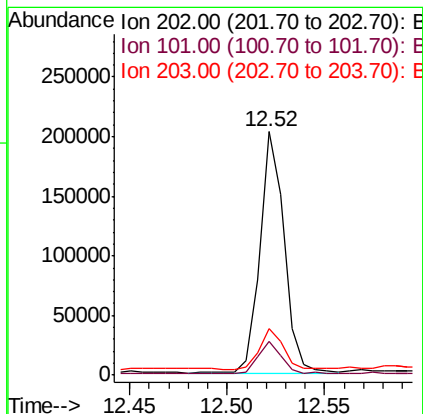
RT: 12.52 min Scan# 1774

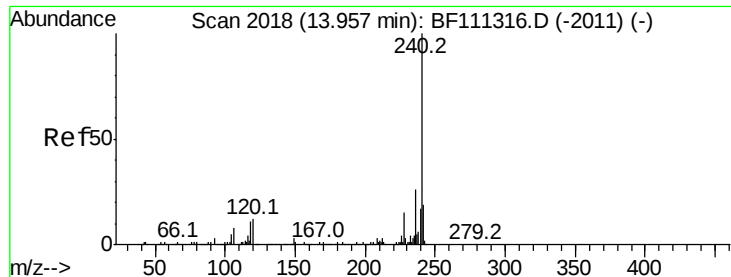
Delta R.T. -0.01 min

Lab File: BF111336.D

Acq: 12 Dec 2018 22:01

Tgt Ion:	202	Resp:	174786
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	33.8
203	18.9	0.0	38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF111336.D

Acq: 12 Dec 2018 22:01

Instrument :

BNA_F

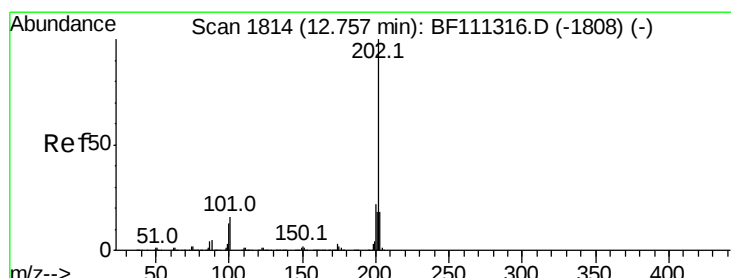
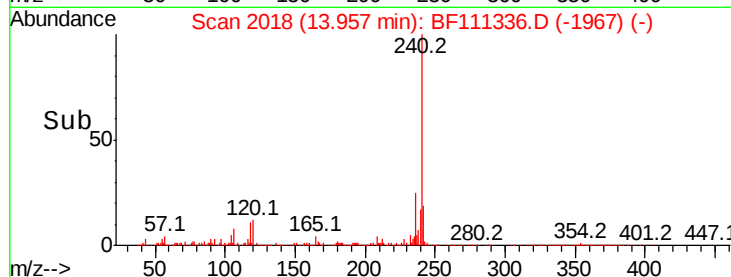
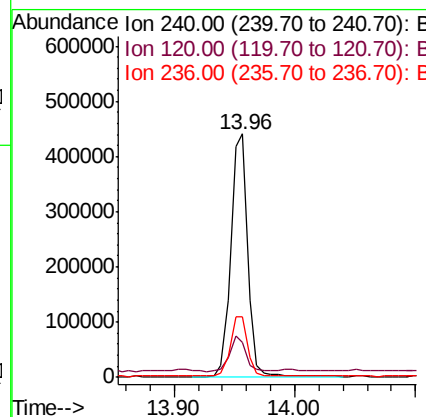
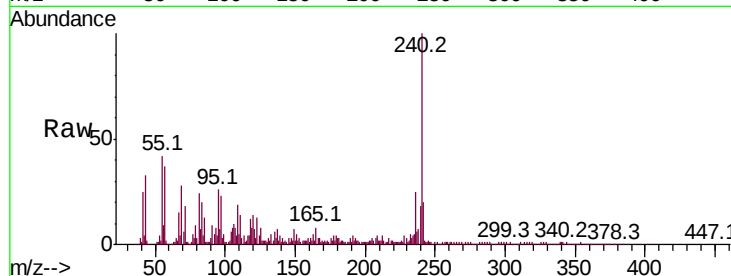
ClientSampled :

SB-2(0-2)

Tot Ion:	240	Resp:	425929
Ion Ratio	Lower	Upper	
240	100		
120	14.2	12.2	18.2
236	25.1	20.2	30.2

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#78

Pyrene

Concen: 5.043 ng

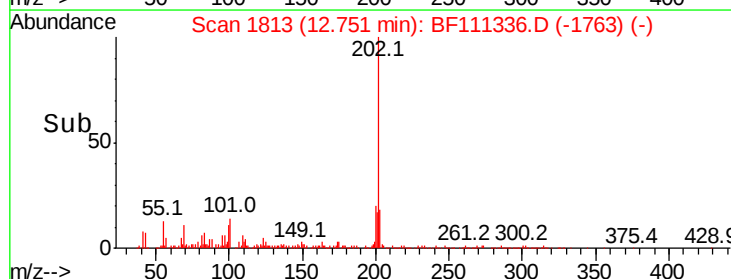
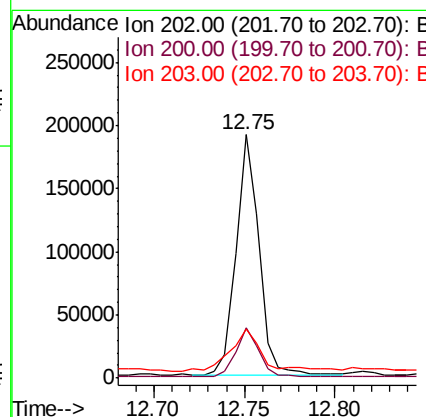
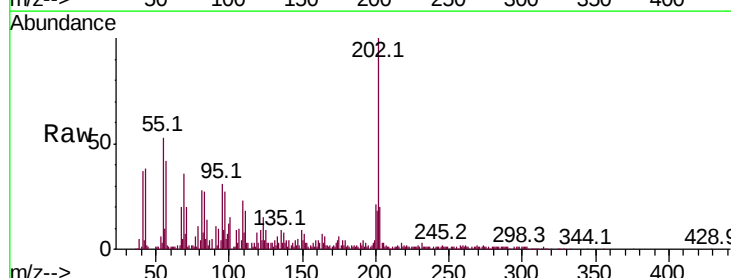
RT: 12.75 min Scan# 1813

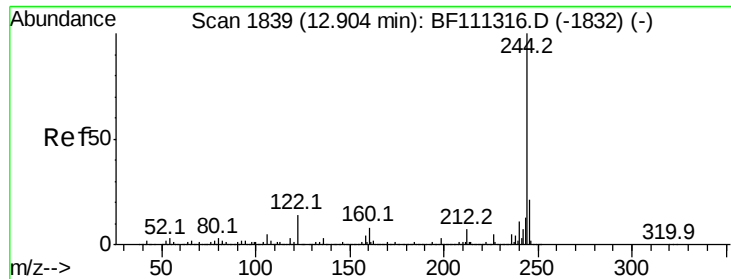
Delta R.T. -0.01 min

Lab File: BF111336.D

Acq: 12 Dec 2018 22:01

Tgt Ion:	202	Resp:	165785
Ion Ratio	Lower	Upper	
202	100		
200	20.6	19.0	28.4
203	20.4	15.2	22.8





#79

Terphenyl-d14

Concen: 34.874 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111336.D

Acq: 12 Dec 2018 22:01

Instrument :

BNA_F

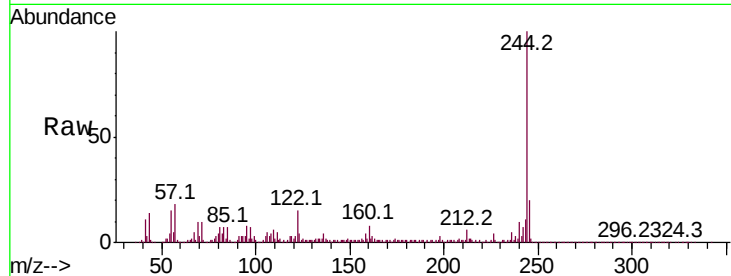
ClientSampled :

SB-2(0-2)

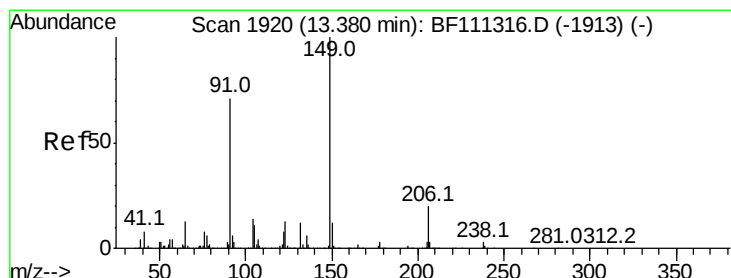
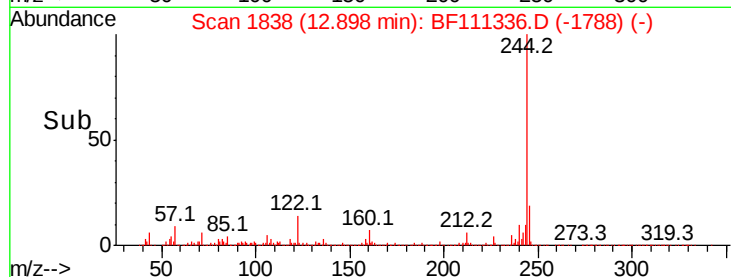
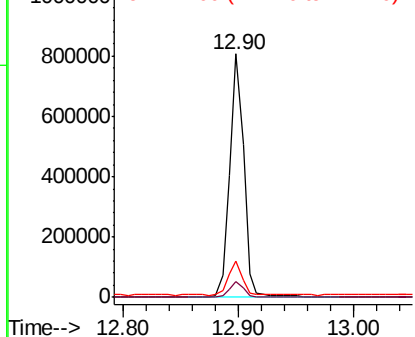
Tot Ion:	244	Resp:	674883
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.7	8.5
122	15.0	13.1	19.7

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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: 6.832 ng

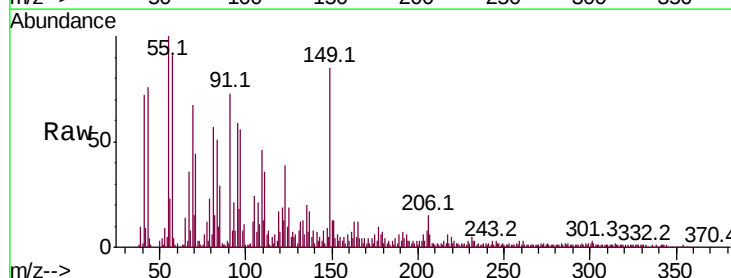
RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

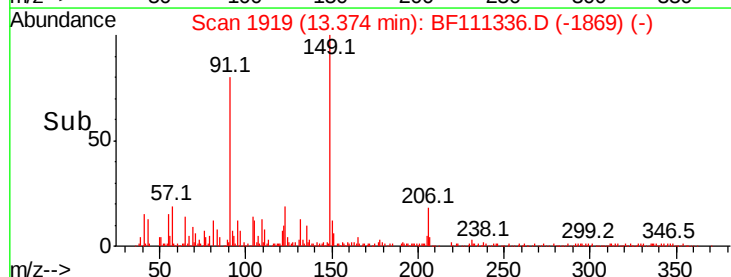
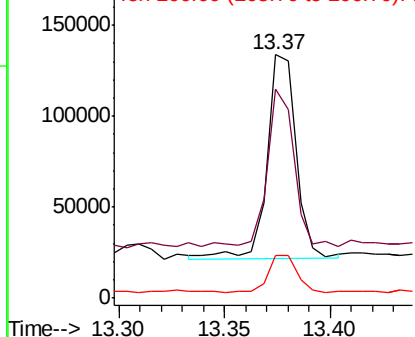
Lab File: BF111336.D

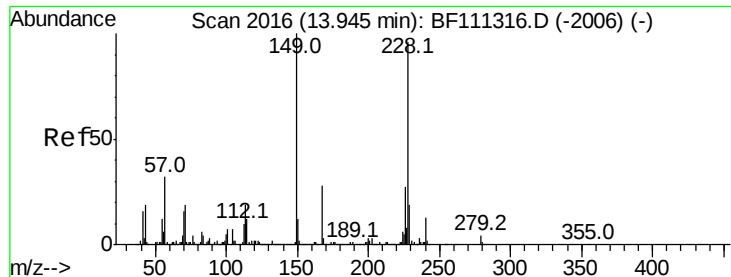
Acq: 12 Dec 2018 22:01

Tgt Ion:	149	Resp:	107825
Ion Ratio	Lower	Upper	
149	100		
91	86.1	63.8	95.6
206	17.8	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





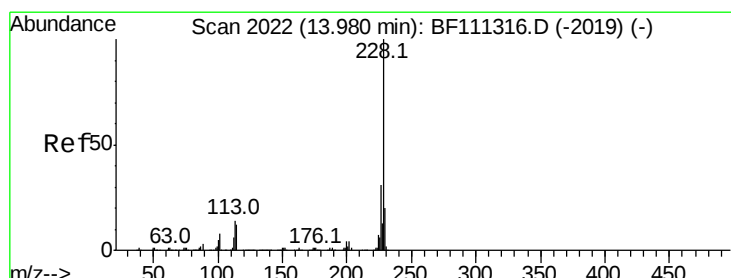
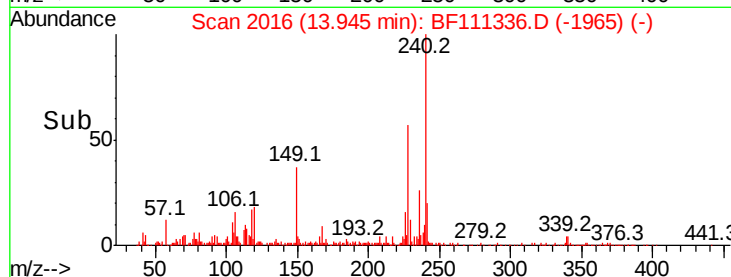
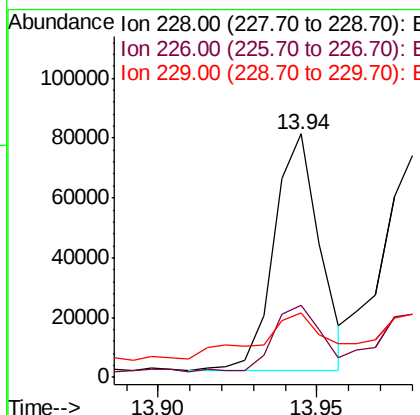
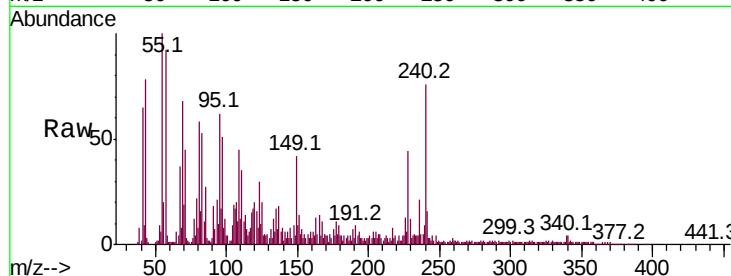
#81
Benzo(a)anthracene
Concen: 3.319 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF111336.D
Acq: 12 Dec 2018 22:01

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	34.0
229	26.5	16.3	24.5

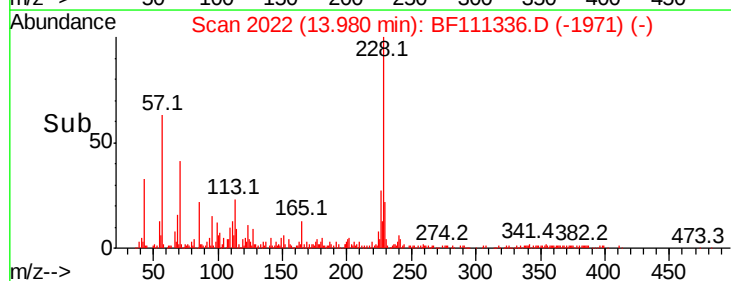
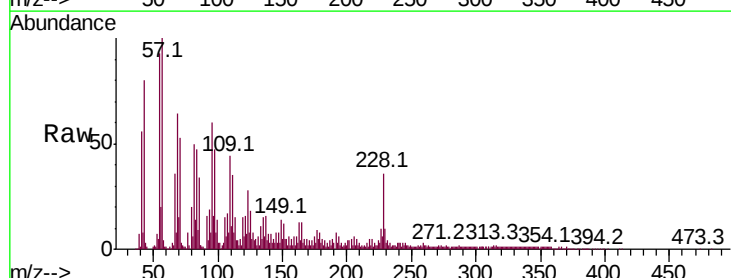
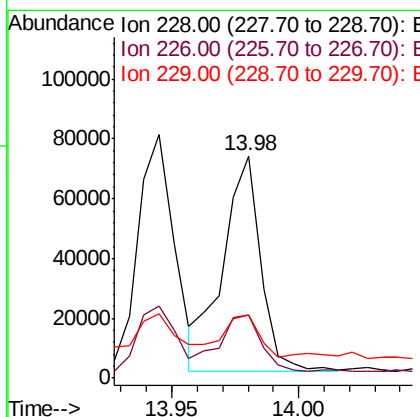
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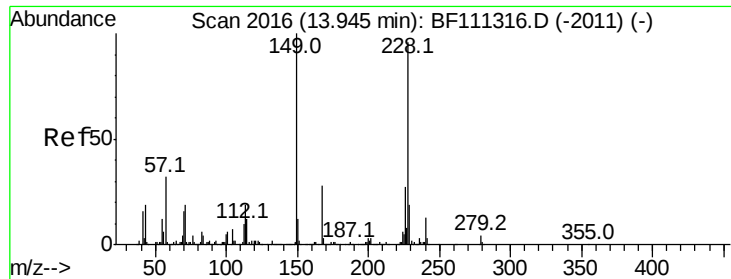
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#83
Chrysene
Concen: 3.099 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF111336.D
Acq: 12 Dec 2018 22:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.3	37.9
229	28.6	17.2	25.8





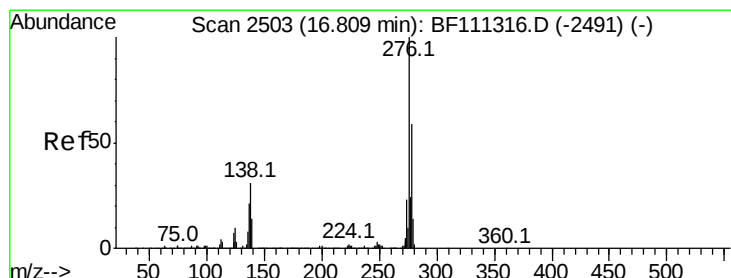
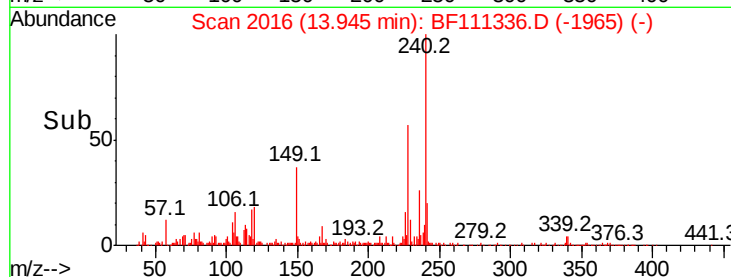
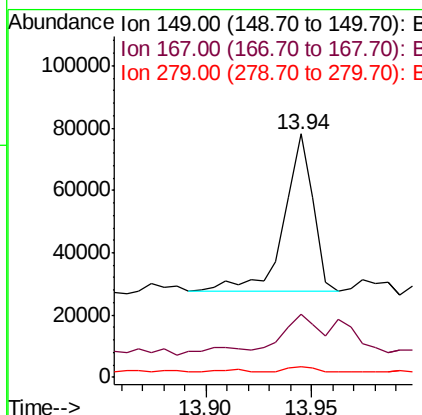
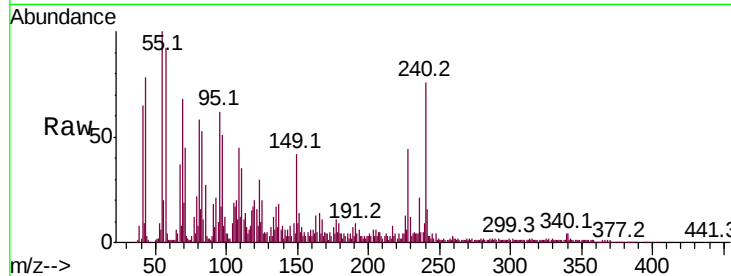
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.476 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF111336.D
Acq: 12 Dec 2018 22:01

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	22.5	33.7
279	4.5	2.6	4.0

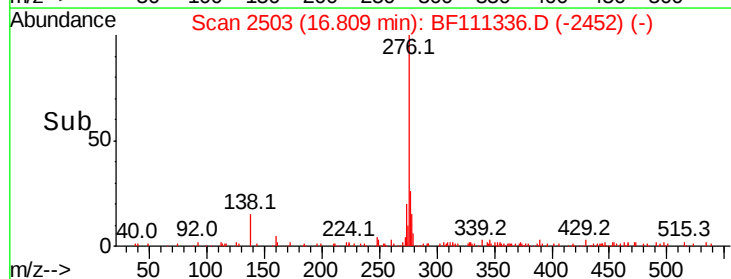
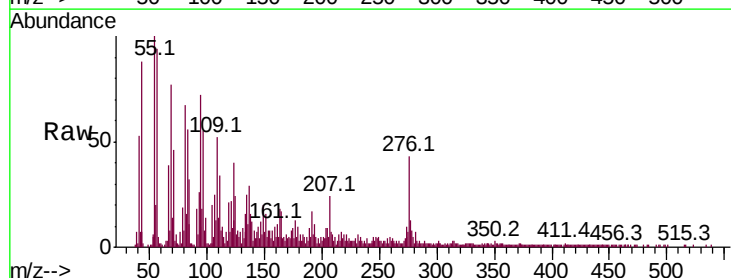
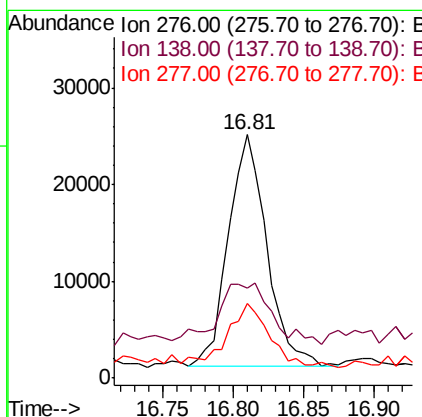
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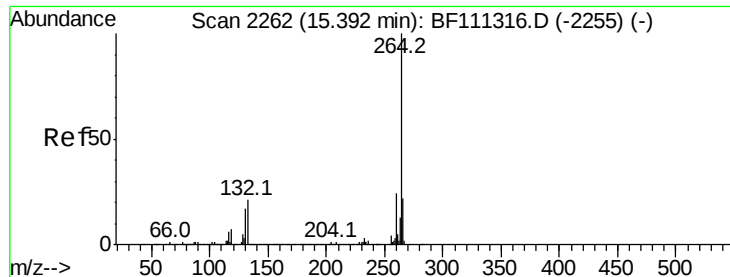
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.379 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BF111336.D
Acq: 12 Dec 2018 22:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	37.8	27.8	41.6
277	26.8	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF111336.D

Acq: 12 Dec 2018 22:01

Instrument :

BNA_F

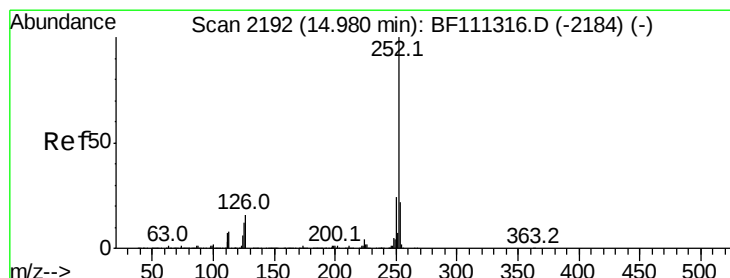
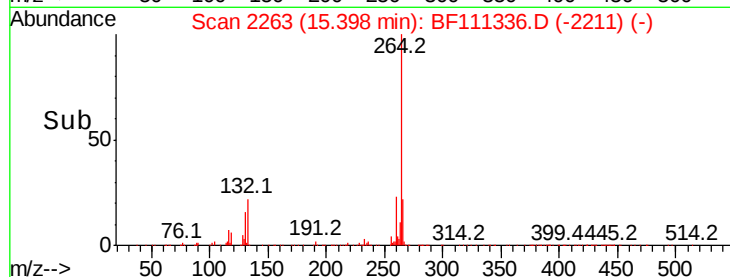
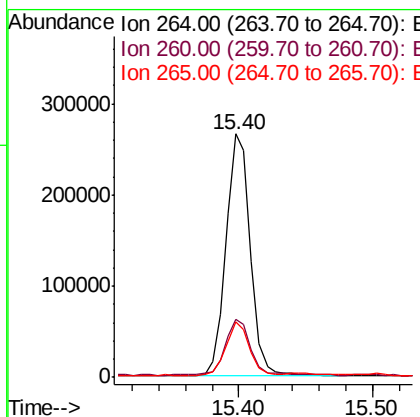
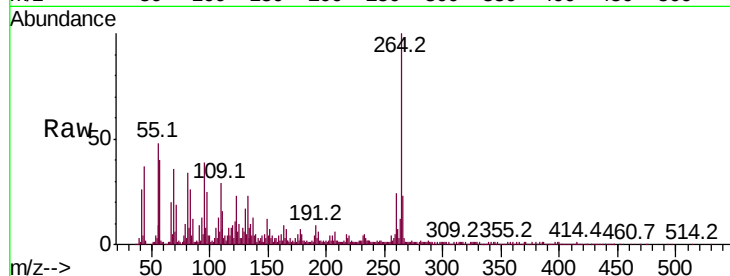
ClientSampleId :

SB-2(0-2)

Tot Ion:	264	Resp:	342651
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.3	27.5
265	22.5	17.7	26.5

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 5.029 ng m

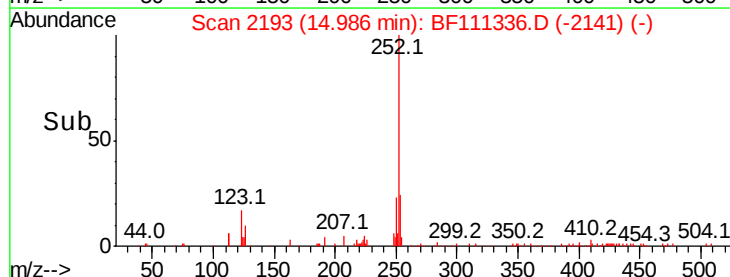
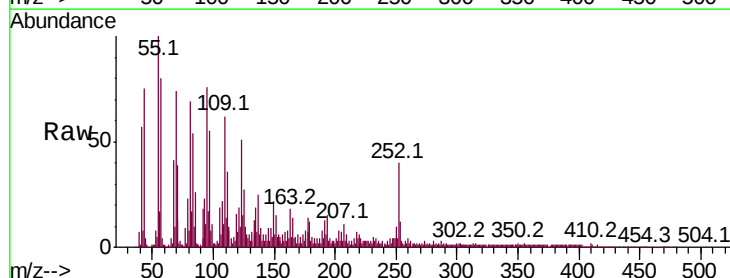
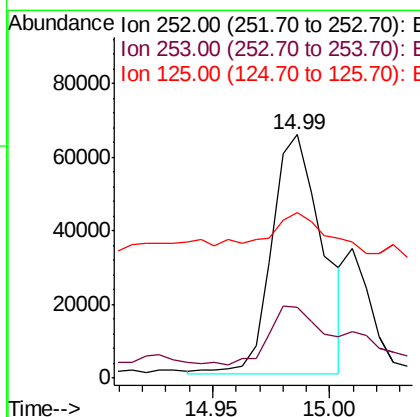
RT: 14.99 min Scan# 2193

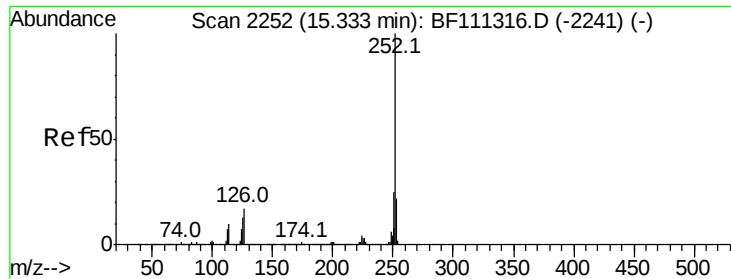
Delta R.T. 0.01 min

Lab File: BF111336.D

Acq: 12 Dec 2018 22:01

Tgt Ion:	252	Resp:	97987
Ion Ratio	Lower	Upper	
252	100		
253	29.0	18.2	27.2#
125	68.0	10.4	15.6#





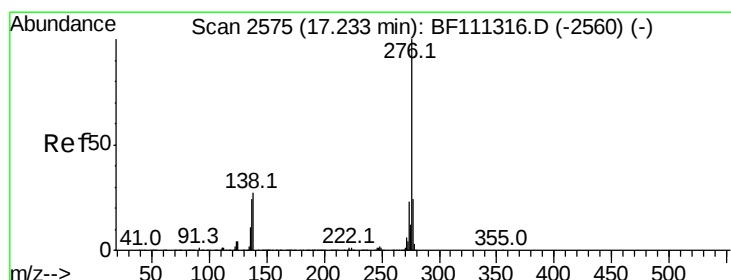
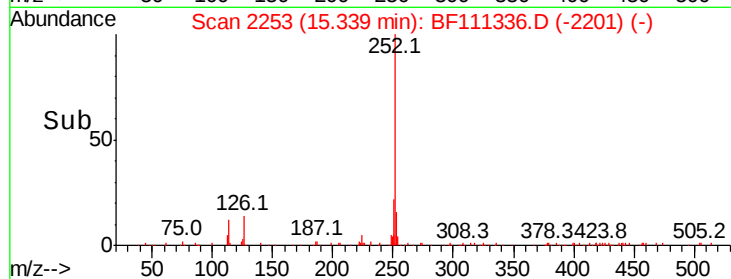
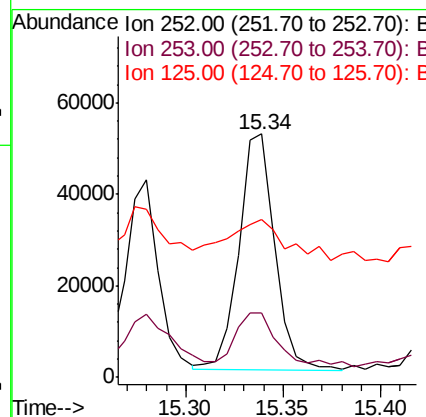
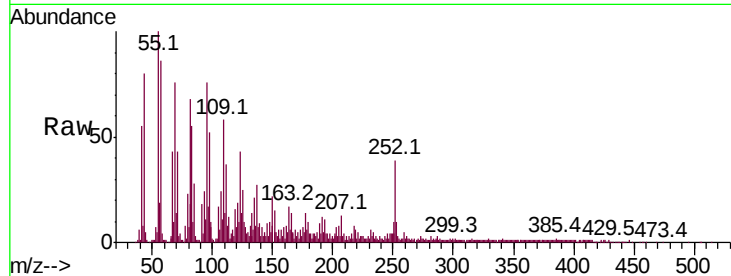
#90
Benzo(a)pyrene
Concen: 3.583 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111336.D
Acq: 12 Dec 2018 22:01

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.8	26.8
125	64.7	12.3	18.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.252 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.00 min
Lab File: BF111336.D
Acq: 12 Dec 2018 22:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	31.2	24.9	37.3

