

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111327.D
 Acq On : 12 Dec 2018 17:53
 Operator : JU/SJ
 Sample : J6344-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200027

Manual Integrations
 APPROVED

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Quant Time: Dec 13 03:07:45 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	304591	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1171324	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	456866	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	342648	20.00	ng	0.03
76) Chrysene-d12	13.96	240	481900	20.00	ng	0.00
87) Perylene-d12	15.39	264	454892	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	2026403	112.50	ng	0.00
7) Phenol-d6	6.43	99	2612723	107.58	ng	0.00
23) Nitrobenzene-d5	7.35	82	1609117	77.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	228297	56.69	ng	0.02
45) 2-Fluorobiphenyl	9.16	172	2479843	87.14	ng	0.00
79) Terphenyl-d14	12.92	244	1287235	58.79	ng	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.44	94	192667	7.003	ng	92
50) Dimethylphthalate	9.55	163	185268	5.639	ng	# 91
75) Fluoranthene	12.56	202	136632	7.903	ng	84
78) Pyrene	12.78	202	131988	3.549	ng	# 89
81) Benzo(a)anthracene	13.95	228	81616	3.027	ng	# 90
83) Chrysene	13.99	228	84006	3.054	ng	# 93
84) Bis(2-ethylhexyl)phthalate	13.94	149	95324	4.367	ng	# 94
86) Indeno(1,2,3-cd)pyrene	16.79	276	45272	2.104	ng	94
88) Benzo(b)fluoranthene	14.97	252	129204m	4.995	ng	
90) Benzo(a)pyrene	15.33	252	80374	3.337	ng	# 86
92) Benzo(g,h,i)perylene	17.21	276	45399	2.266	ng	97

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

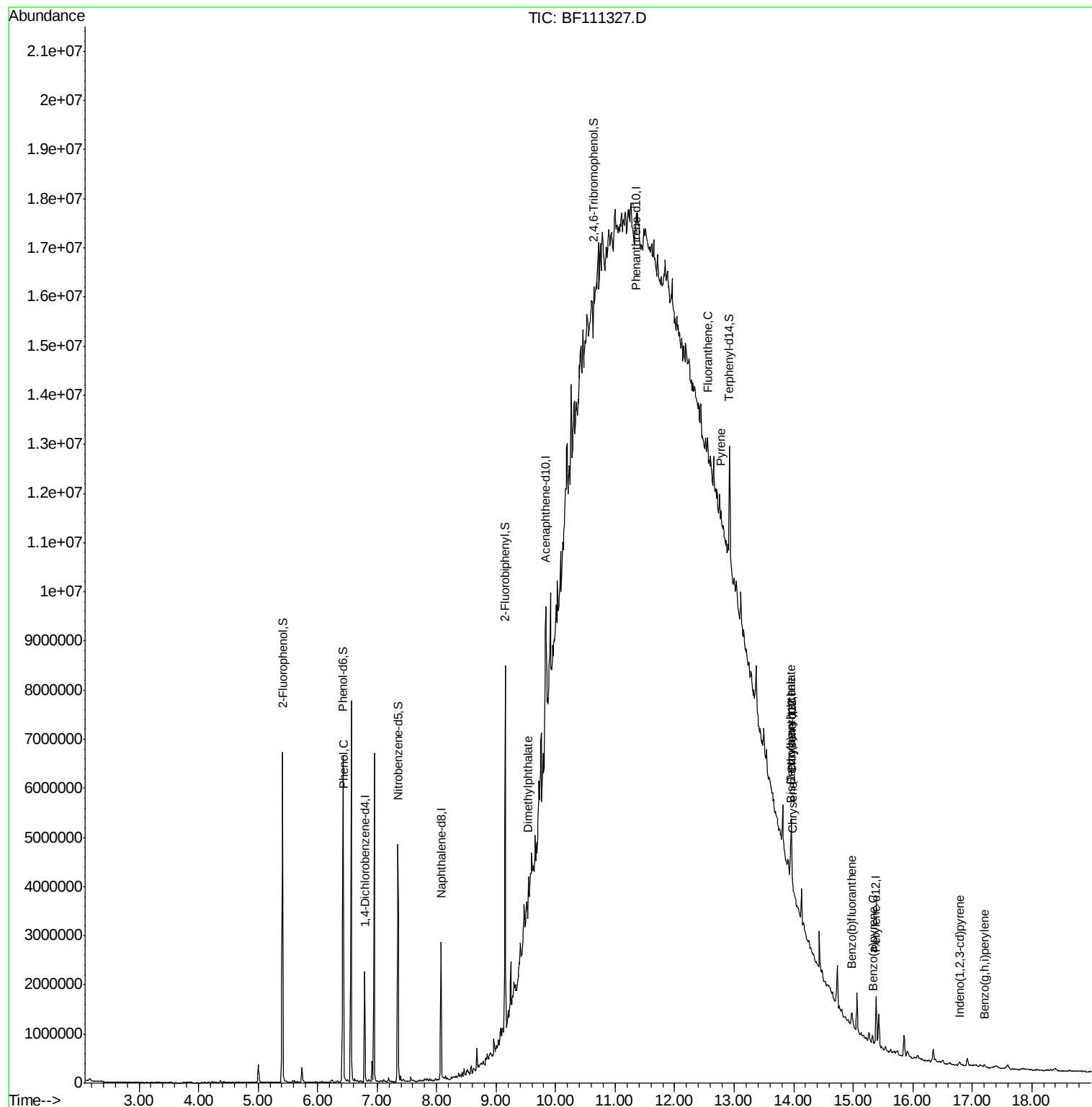
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111327.D
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Sample : J6344-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

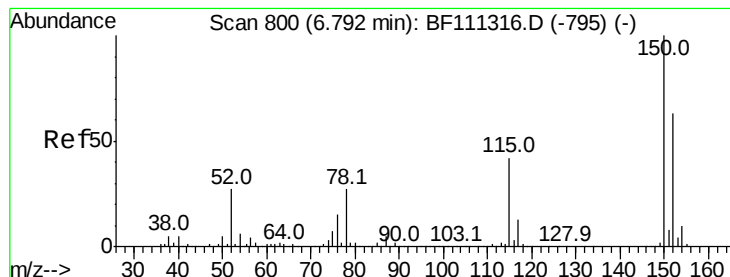
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Dec 13 03:07:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration





#1

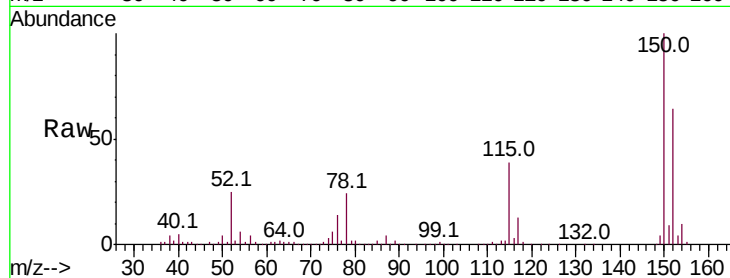
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Instrument :
BNA_F
ClientSampleId :
RBR-200027

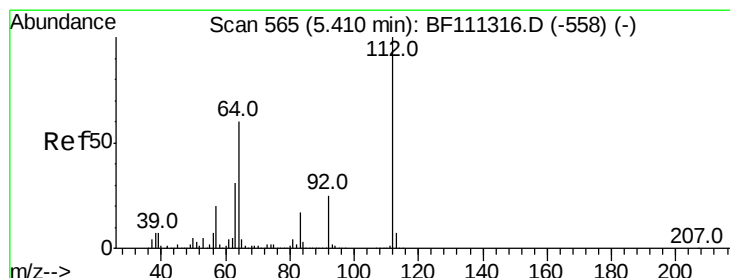
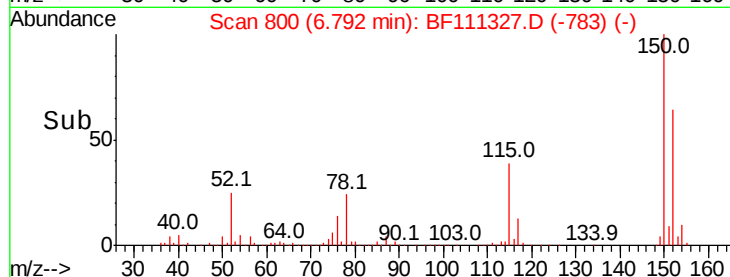
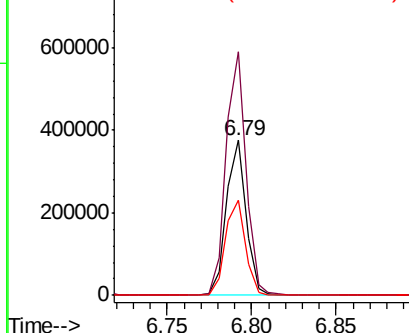
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.6	189.8
115	61.6	50.7	76.1

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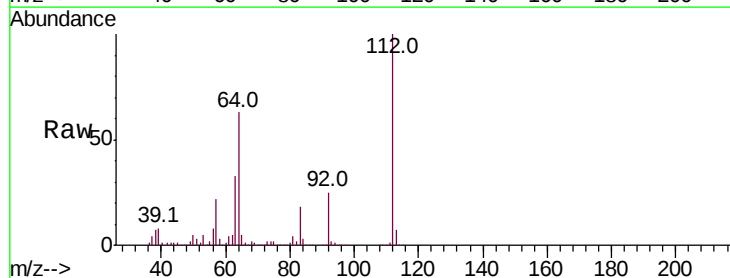
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



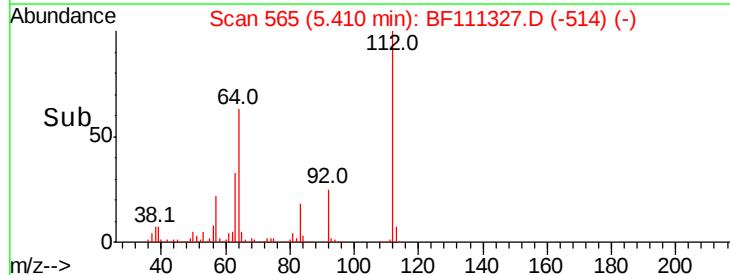
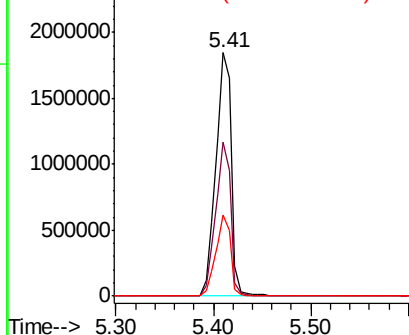
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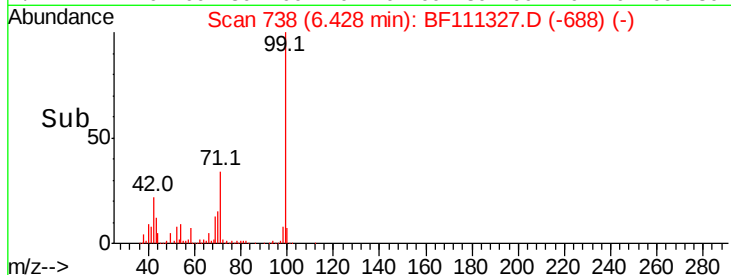
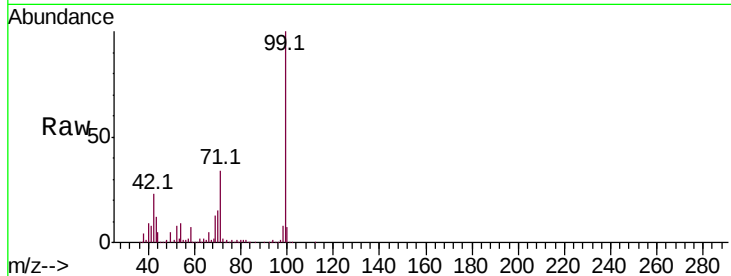
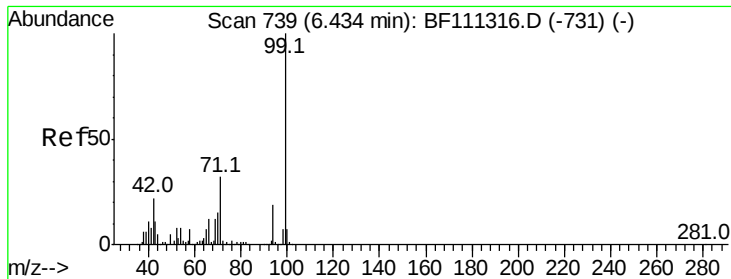
2-Fluorophenol
Concen: 112.502 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	51.8	77.6
63	33.3	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: 107.585 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Tot Ion:	99	Resp:	2612723
Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.4	26.0
71	34.0	26.1	39.1

Instrument :

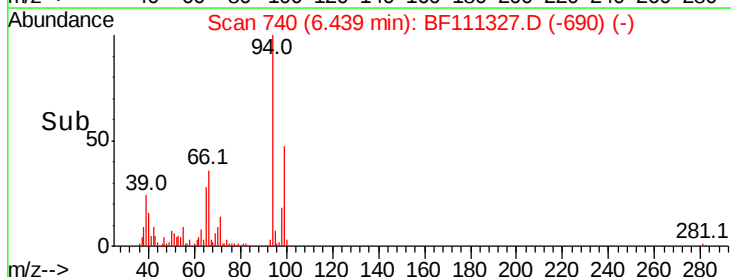
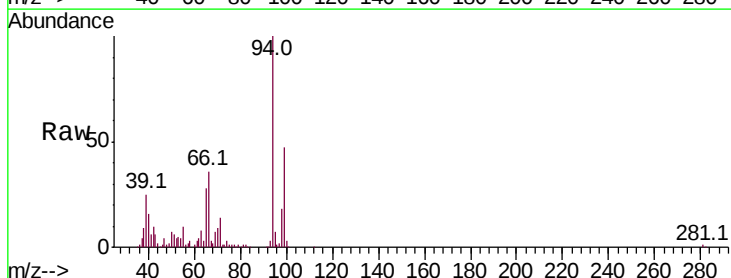
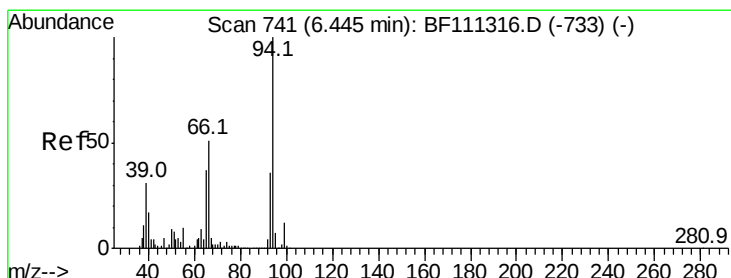
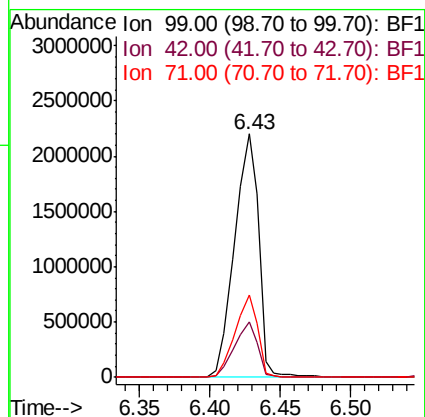
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 7.003 ng

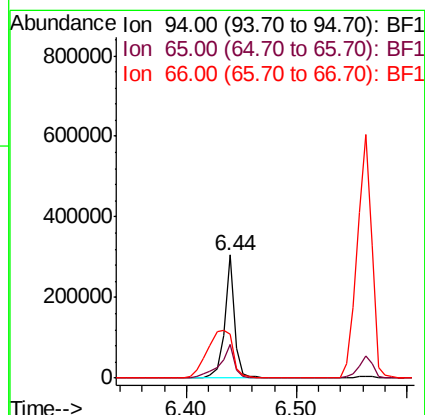
RT: 6.44 min Scan# 740

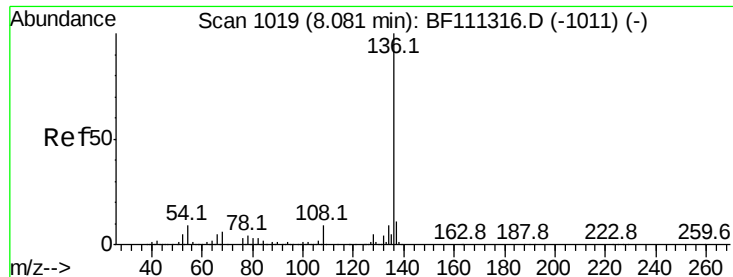
Delta R.T. -0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Tgt Ion:	94	Resp:	192667
Ion	Ratio	Lower	Upper
94	100		
65	27.6	11.7	51.7
66	35.7	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: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

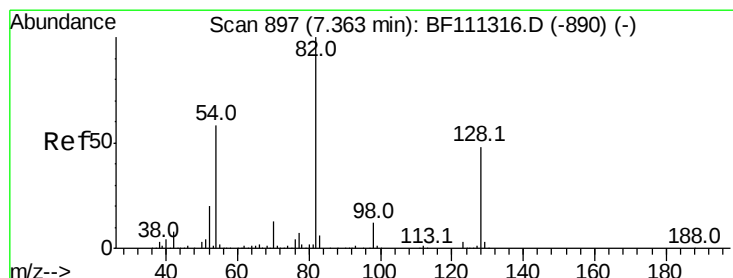
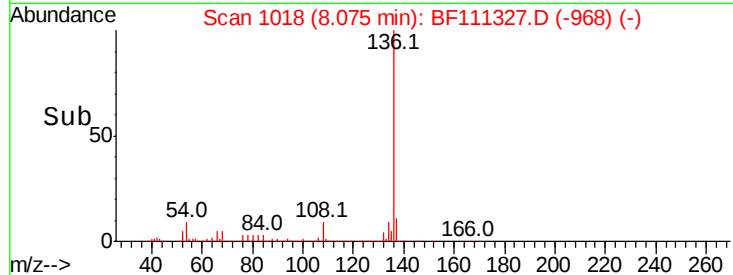
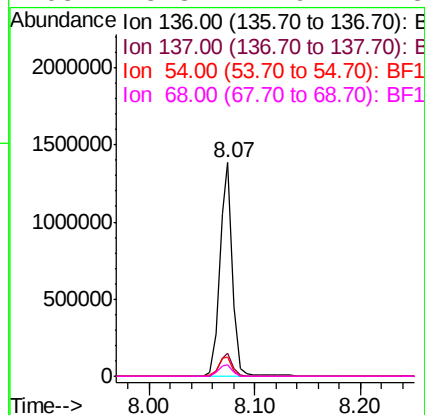
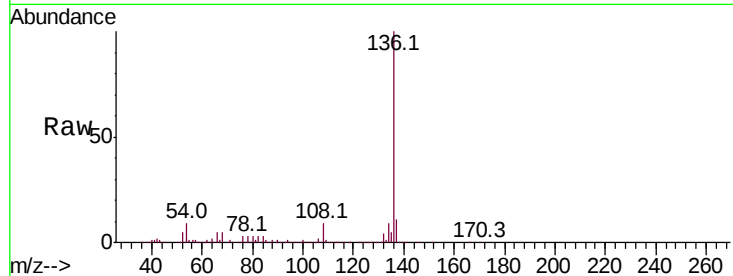
ClientSampleId :

RBR-200027

Tot Ion	136	Resp	1171324
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.8	7.7	11.5
68	5.3	4.9	7.3

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#23

Nitrobenzene-d5

Concen: 77.430 ng

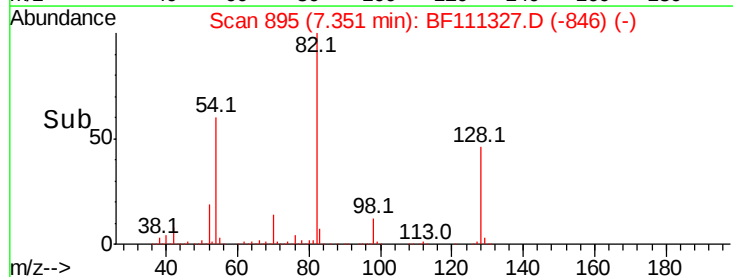
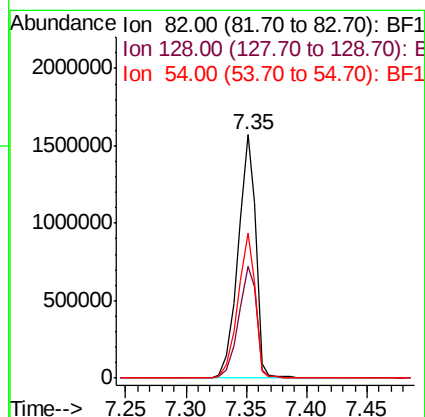
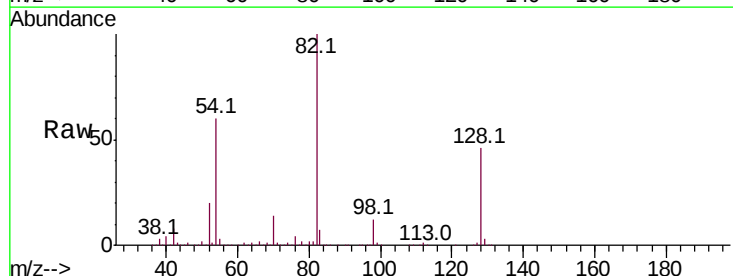
RT: 7.35 min Scan# 895

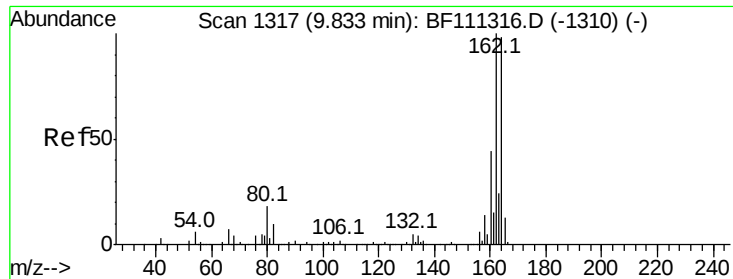
Delta R.T. -0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Tgt Ion	82	Resp	1609117
Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.4	56.2
54	59.8	47.6	71.4





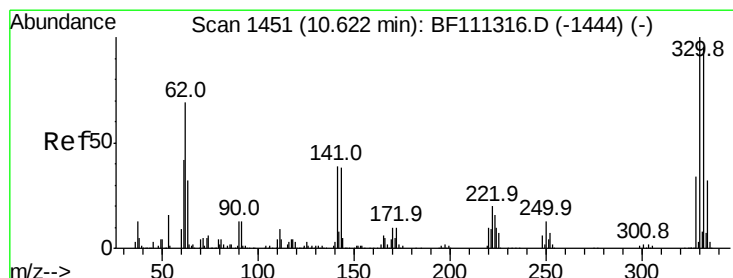
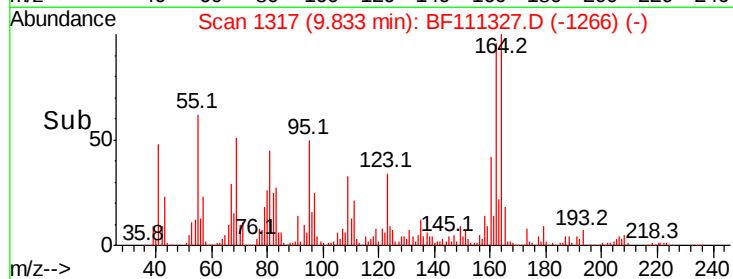
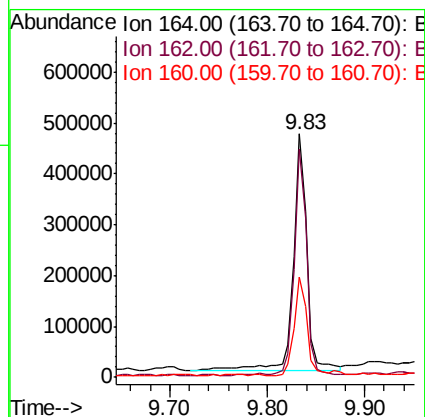
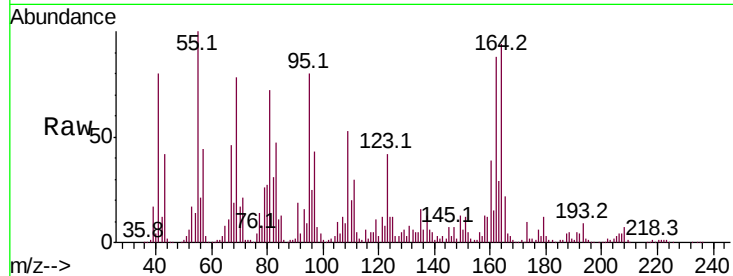
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Instrument :
BNA_F
ClientSampleId :
RBR-200027

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	93.5	81.4	122.0	
160	41.1	35.7	53.5	

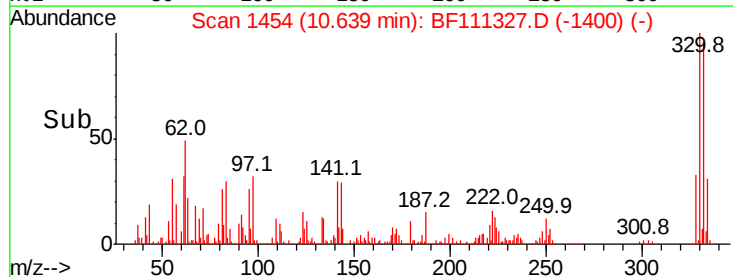
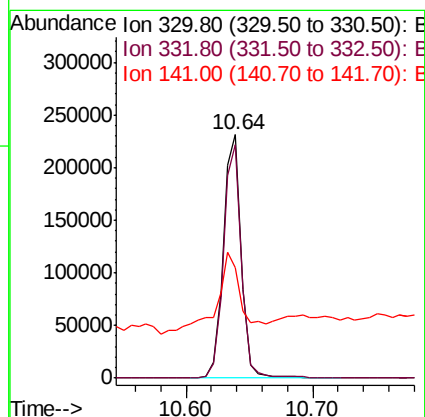
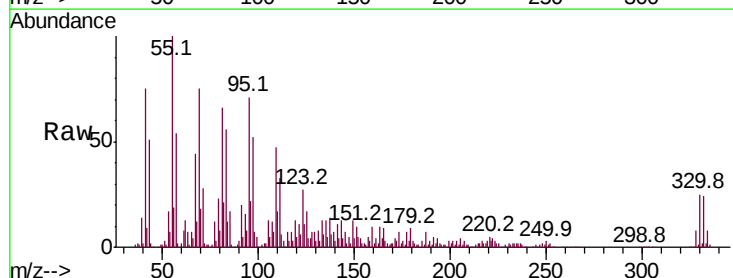
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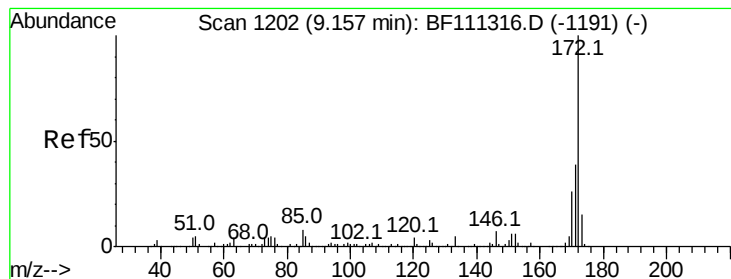
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#42
2,4,6-Tribromophenol
Concen: 56.687 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.02 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	76.0	114.0	
141	39.6	31.0	46.6	





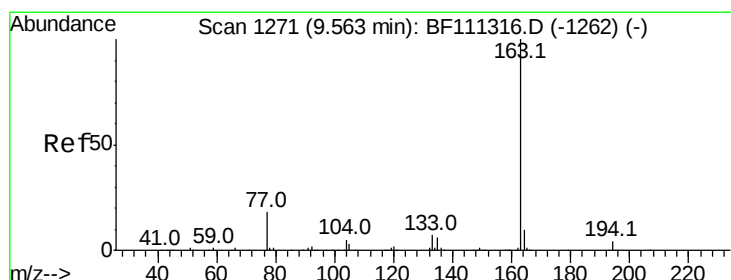
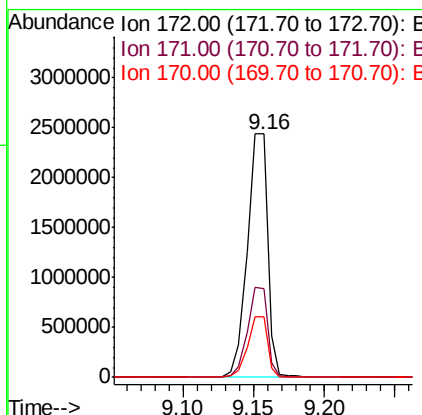
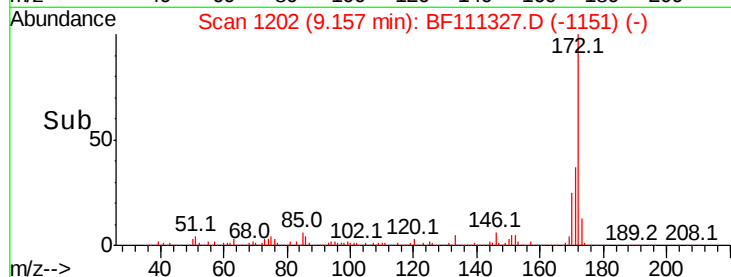
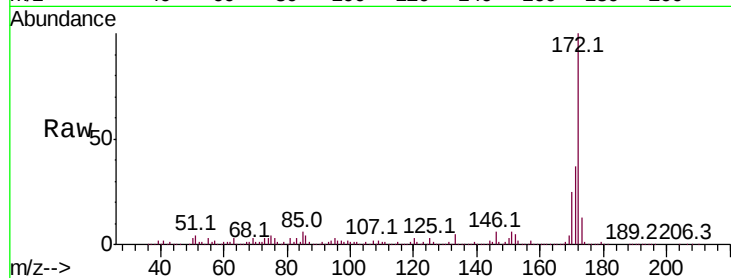
#45
2-Fluorobiphenyl
Concen: 87.145 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Instrument :
BNA_F
ClientSampleId :
RBR-200027

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	33.0	49.4
170	24.9	22.3	33.5

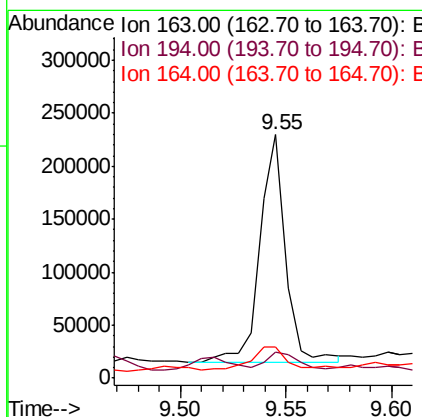
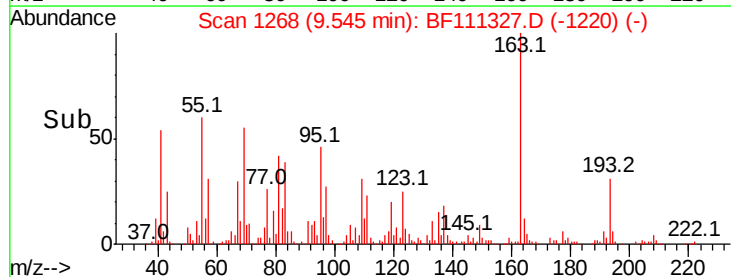
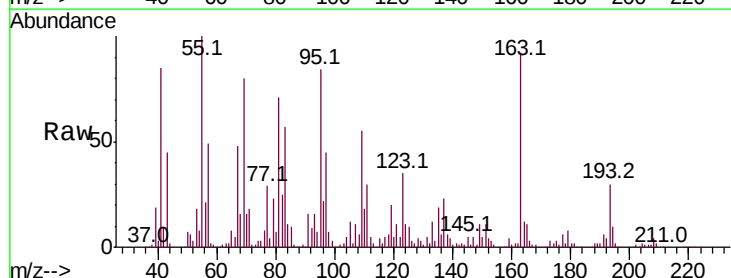
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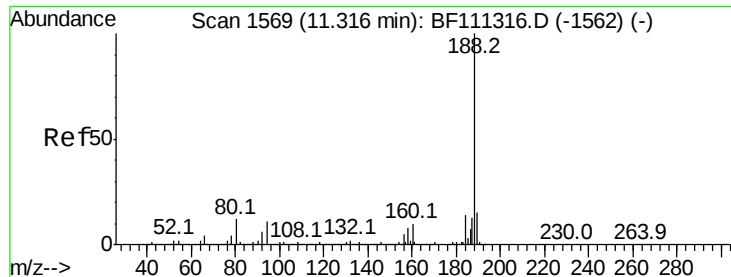
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#50
Dimethylphthalate
Concen: 5.639 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	10.8	3.0	4.6#
164	12.9	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1574

Delta R.T. 0.03 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

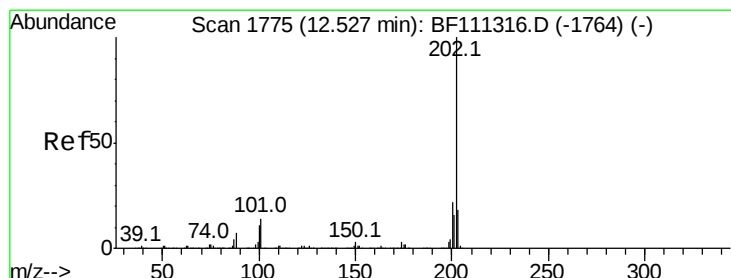
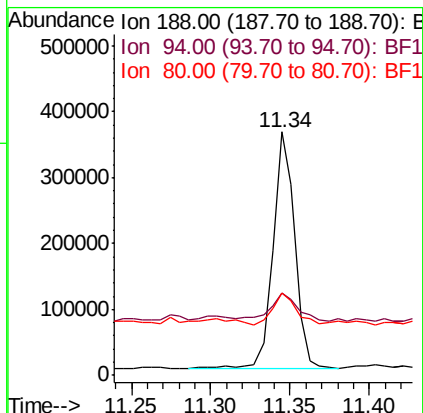
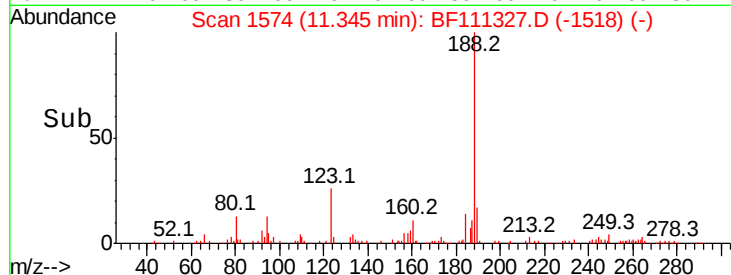
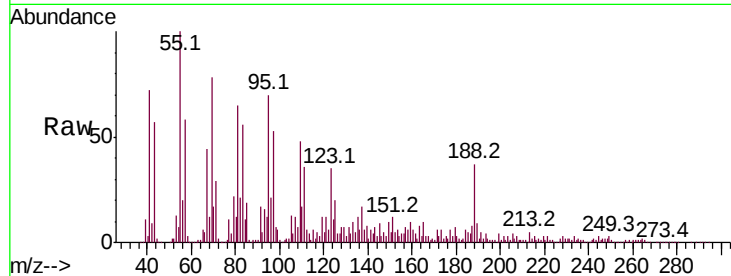
ClientSampleId :

RBR-200027

Tot Ion:	188	Resp:	342648
Ion Ratio	Lower	Upper	
188	100		
94	34.0	9.6	14.4#
80	33.6	9.8	14.6#

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#75

Fluoranthene

Concen: 7.903 ng

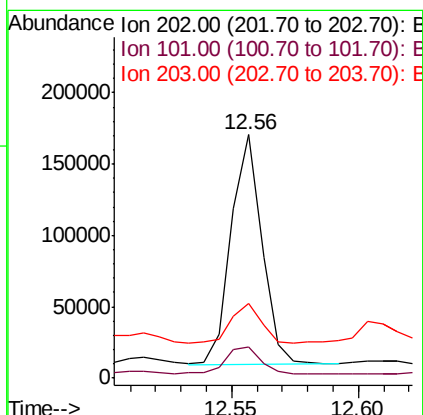
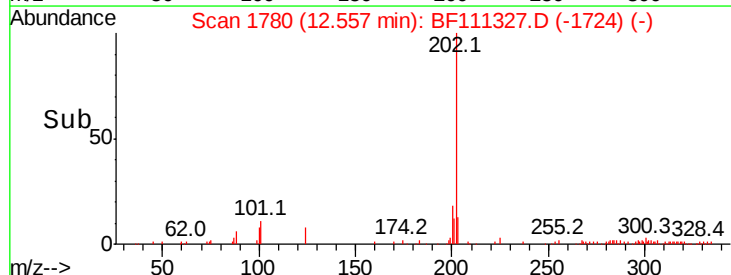
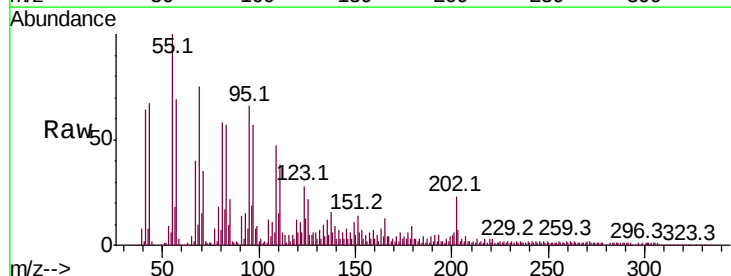
RT: 12.56 min Scan# 1780

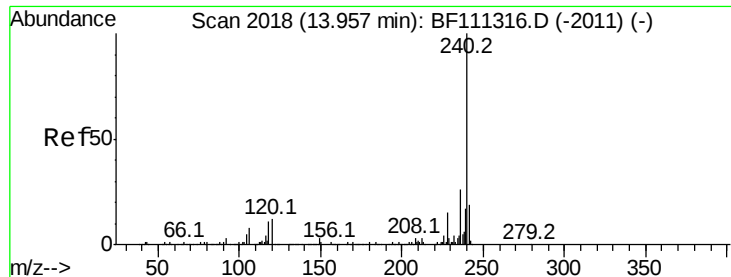
Delta R.T. 0.03 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Tgt Ion:	202	Resp:	136632
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	33.8
203	30.5	0.0	38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

Instrument :

BNA_F

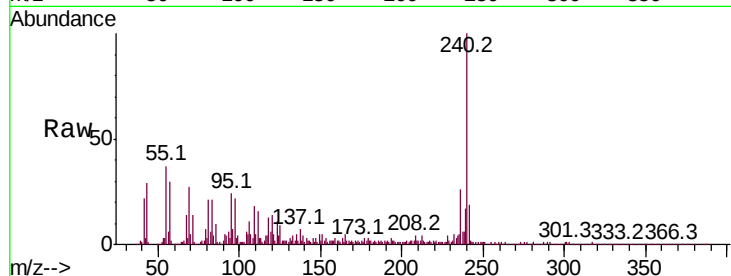
ClientSampleId :

RBR-200027

Tot Ion:	240	Resp:	481900
Ion Ratio	Lower	Upper	
240	100		
120	14.5	12.2	18.2
236	26.0	20.2	30.2

Manual Integrations
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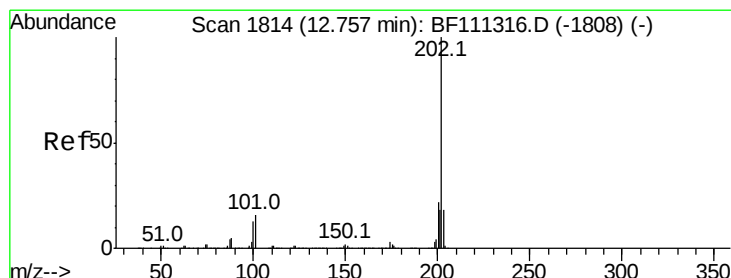
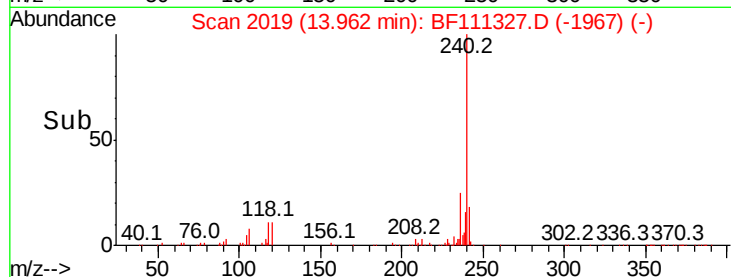
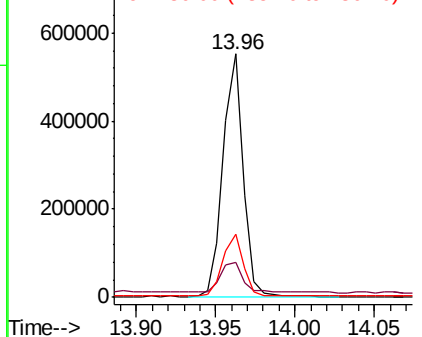
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 3.549 ng

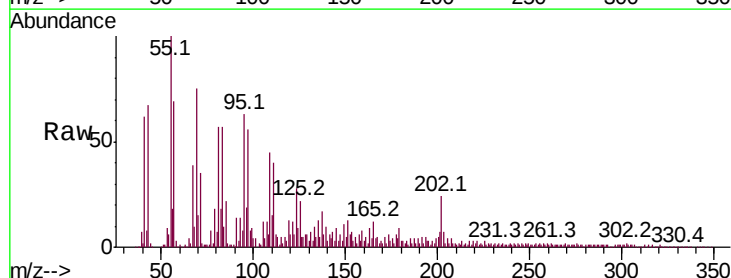
RT: 12.78 min Scan# 1818

Delta R.T. 0.02 min

Lab File: BF111327.D

Acq: 12 Dec 2018 17:53

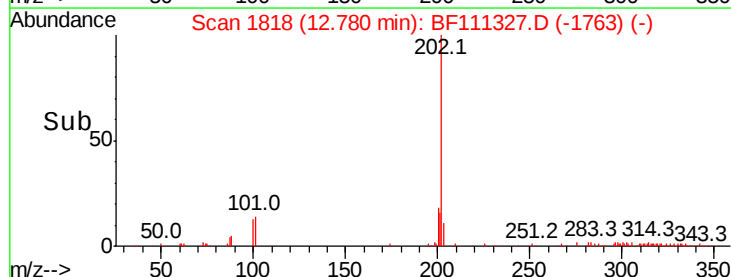
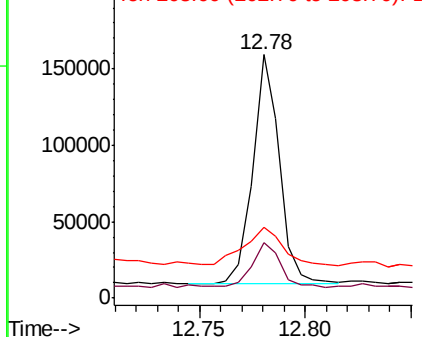
Tgt Ion:	202	Resp:	131988
Ion Ratio	Lower	Upper	
202	100		
200	22.7	19.0	28.4
203	28.9	15.2	22.8#

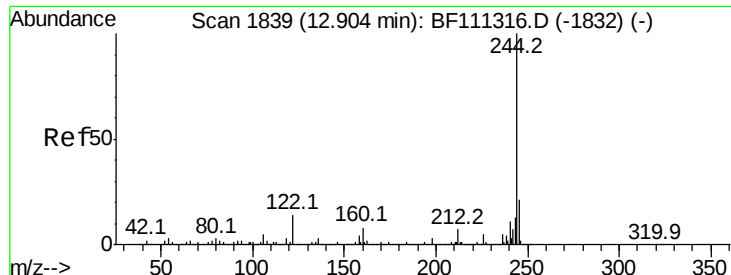


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79
 Terphenyl-d14
 Concen: 58.791 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.02 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

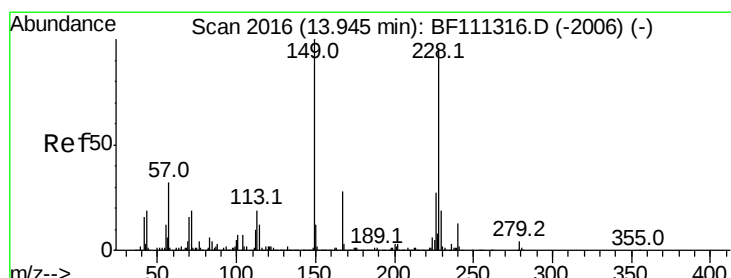
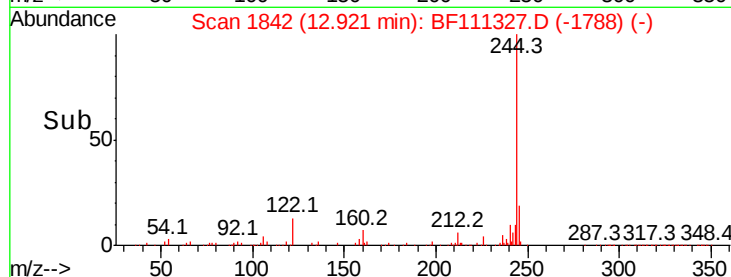
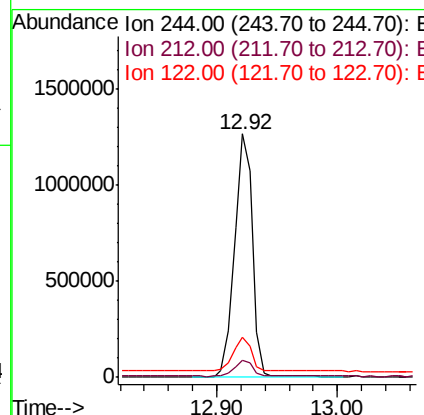
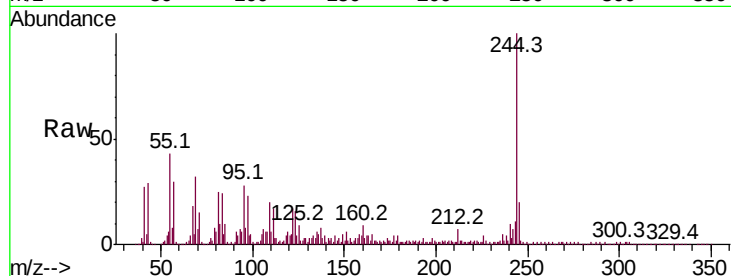
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200027

Tot Ion:244 Resp: 1287235

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	16.5	13.1	19.7

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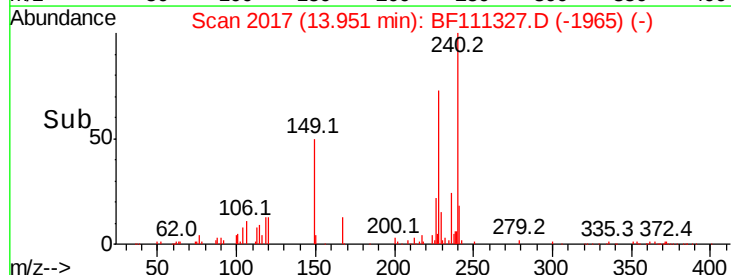
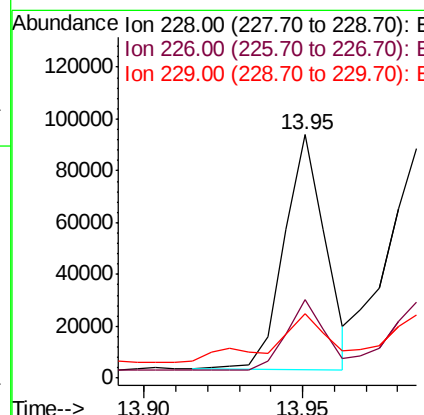
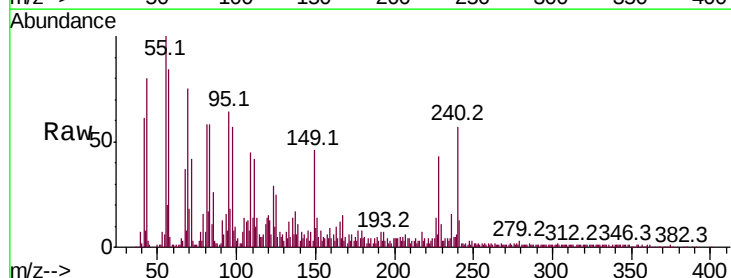
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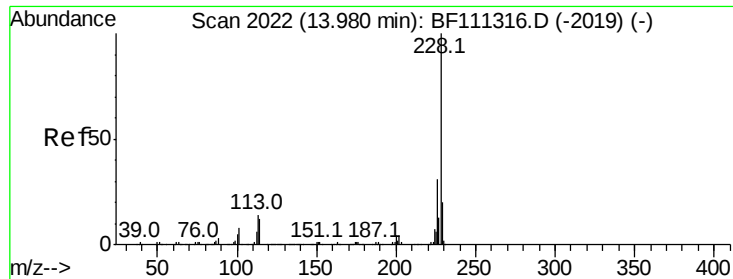


#81
 Benzo(a)anthracene
 Concen: 3.027 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

Tgt Ion:228 Resp: 81616

Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.6	34.0
229	26.4	16.3	24.5





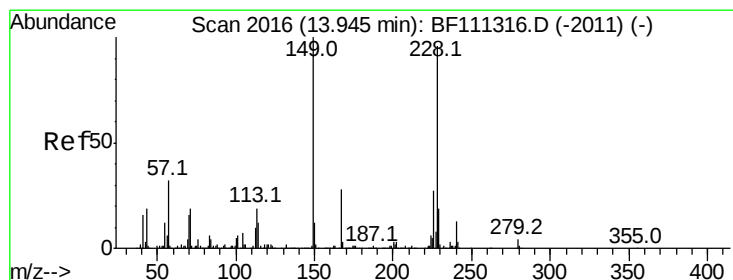
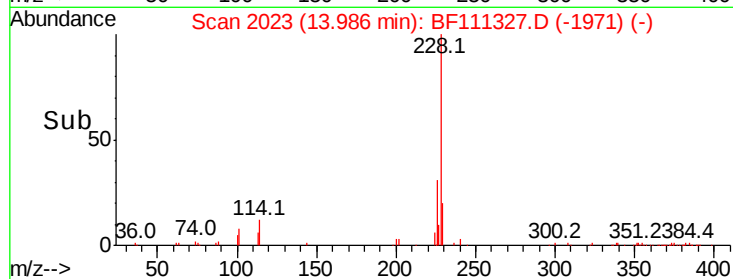
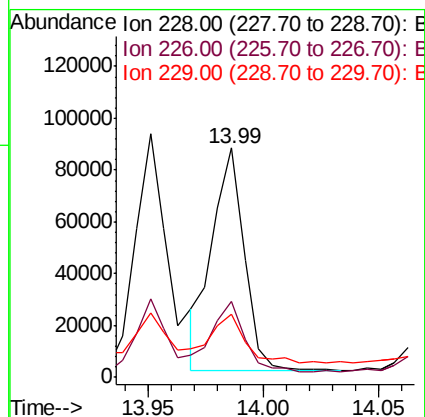
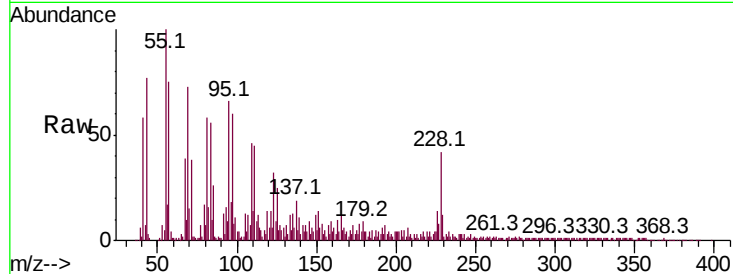
#83
Chrysene
Concen: 3.054 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Instrument :
BNA_F
ClientSampleId :
RBR-200027

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.3	37.9
229	27.8	17.2	25.8

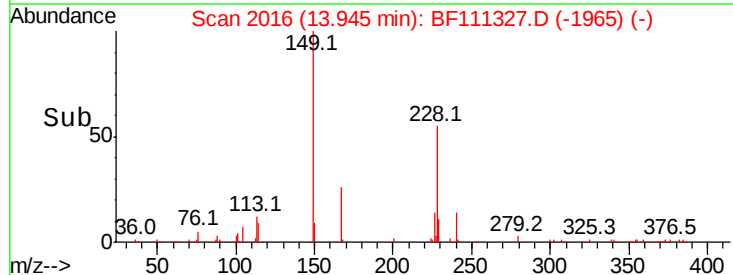
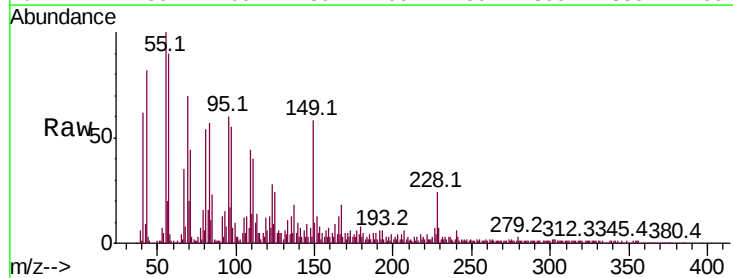
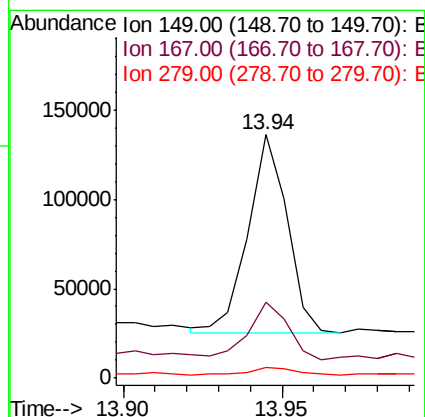
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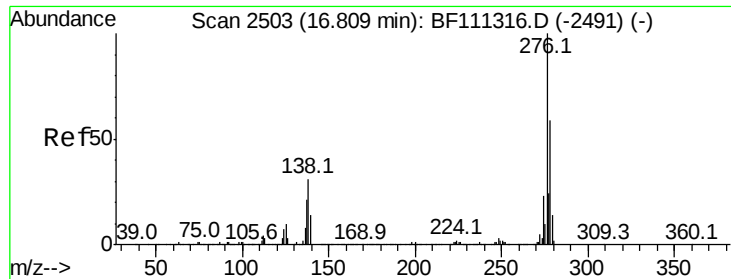
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#84
Bis(2-ethylhexyl)phthalate
Concen: 4.367 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.3	22.5	33.7
279	4.4	2.6	4.0





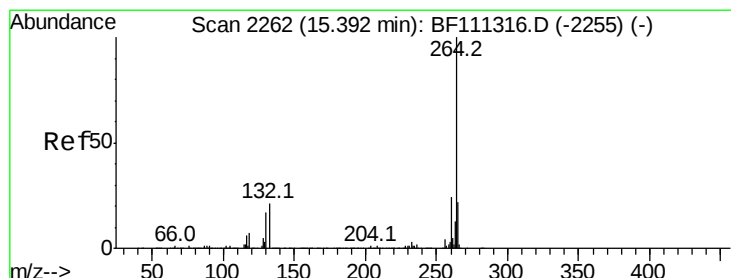
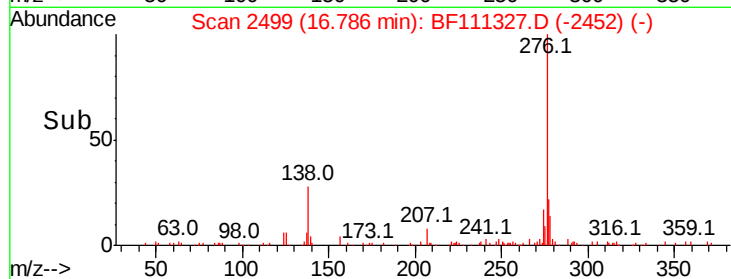
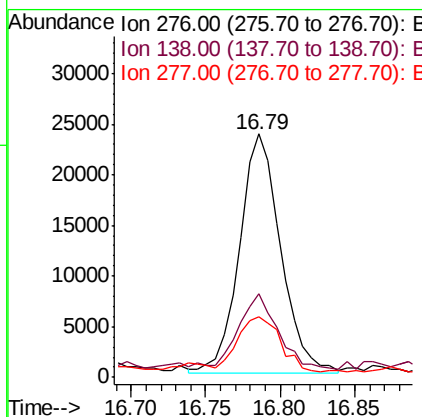
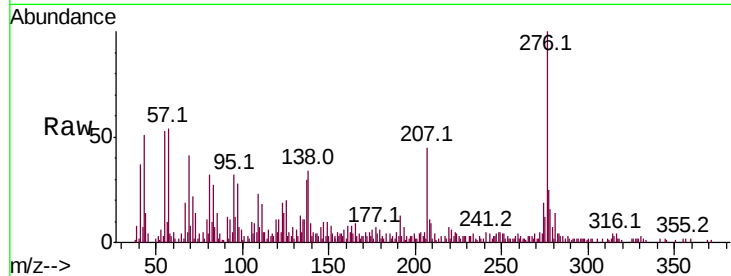
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.104 ng
 RT: 16.79 min Scan# 2499
 Delta R.T. -0.02 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200027

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	27.8	41.6
277	24.4	20.1	30.1

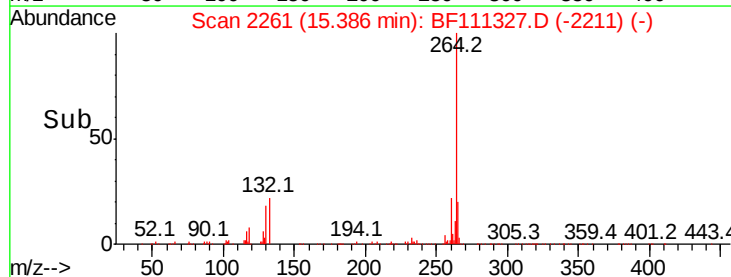
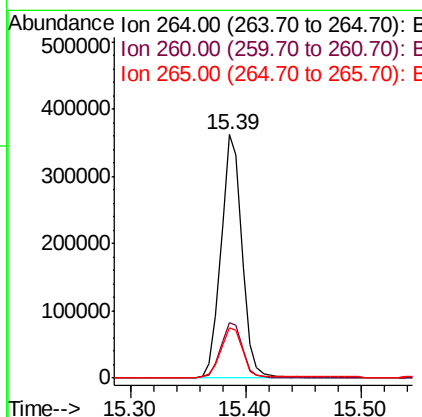
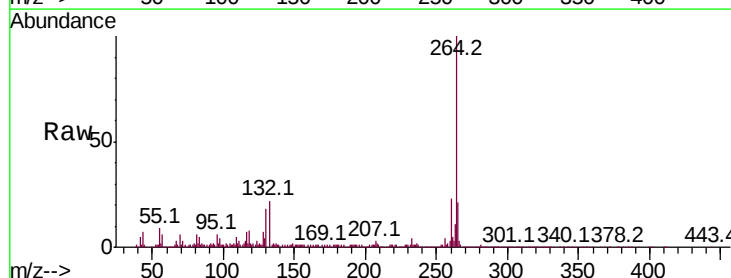
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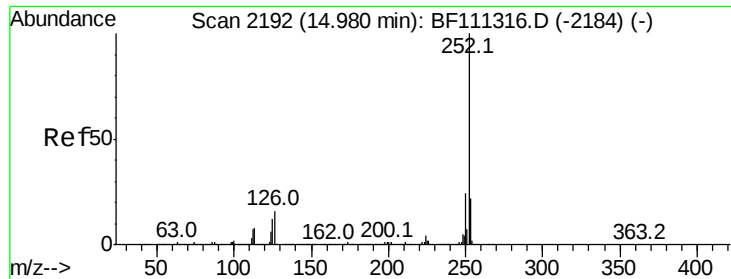
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 12/13/2018 6:06:06 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	20.6	17.7	26.5





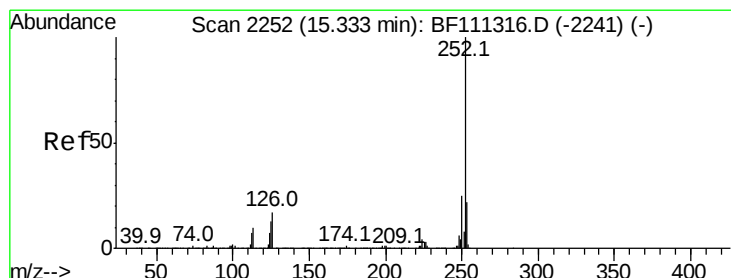
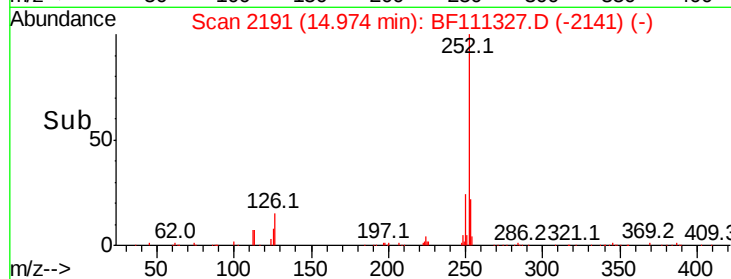
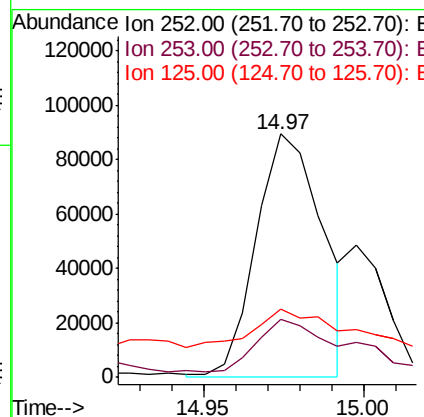
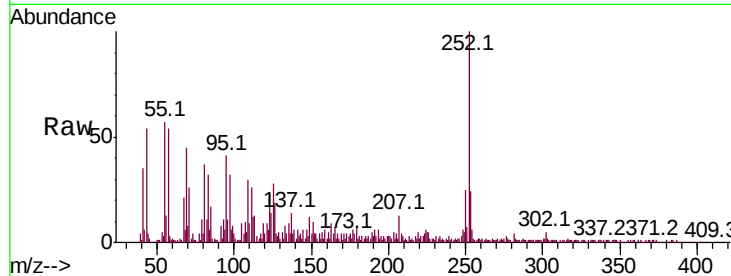
#88
Benzo(b)fluoranthene
Concen: 4.995 ng m
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Instrument :
BNA_F
ClientSampleId :
RBR-200027

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	28.1	10.4	15.6

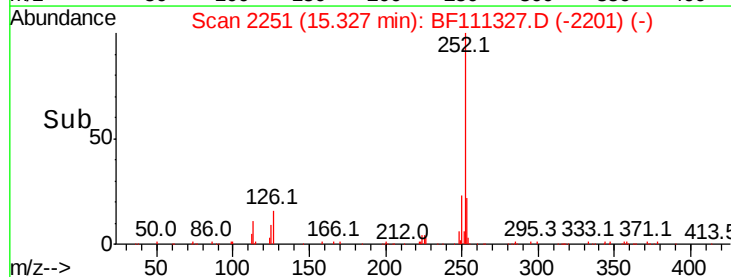
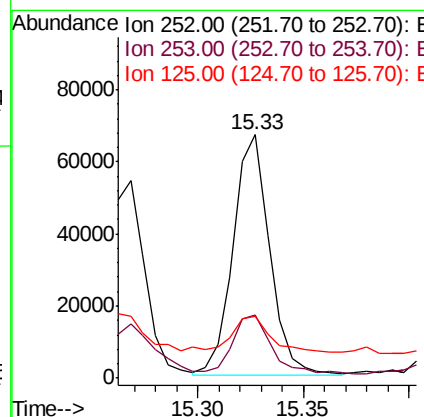
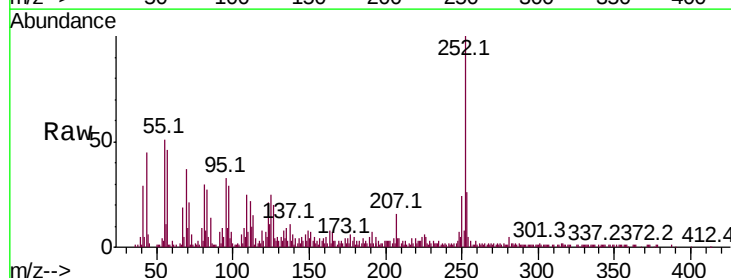
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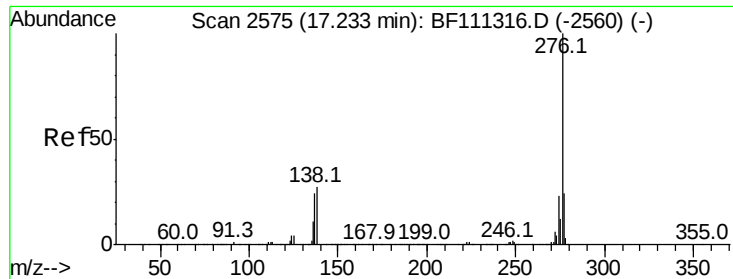
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#90
Benzo(a)pyrene
Concen: 3.337 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF111327.D
Acq: 12 Dec 2018 17:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.8	26.8
125	25.2	12.3	18.5





#92
 Benzo(a,h,i)perylene
 Concen: 2.266 ng
 RT: 17.21 min Scan# 2571
 Delta R.T. -0.02 min
 Lab File: BF111327.D
 Acq: 12 Dec 2018 17:53

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200027

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	25.1	19.2	28.8	
138	33.5	24.9	37.3	

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