

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
 Data File : BF111123.D
 Acq On : 5 Dec 2018 22:39
 Operator : JU/SJ
 Sample : J6184-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-331

Manual Integrations
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 12/6/2018 12:11:55 PM

Quant Time: Dec 06 03:08:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	488674	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1878300	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	852151	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1265218	20.00	ng	0.00
76) Chrysene-d12	13.96	240	916237	20.00	ng	0.00
87) Perylene-d12	15.39	264	633123	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2960972	94.55	ng	0.00
7) Phenol-d6	6.43	99	3747935	92.91	ng	0.00
23) Nitrobenzene-d5	7.36	82	2341095	73.79	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	614061	90.65	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3581833	76.34	ng	0.00
79) Terphenyl-d14	12.91	244	2594073	57.98	ng	0.00
Target Compounds						
10) Phenol	6.45	94	268458	6.103	ng	94
50) Dimethylphthalate	9.56	163	529324	8.925	ng	97
75) Fluoranthene	12.53	202	147683	2.480	ng	94
78) Pyrene	12.53	202	147683	2.069	ng	93
84) Bis(2-ethylhexyl)phthalate	13.95	149	144831	3.477	ng	98
88) Benzo(b)fluoranthene	14.97	252	73364m	2.045	ng	

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

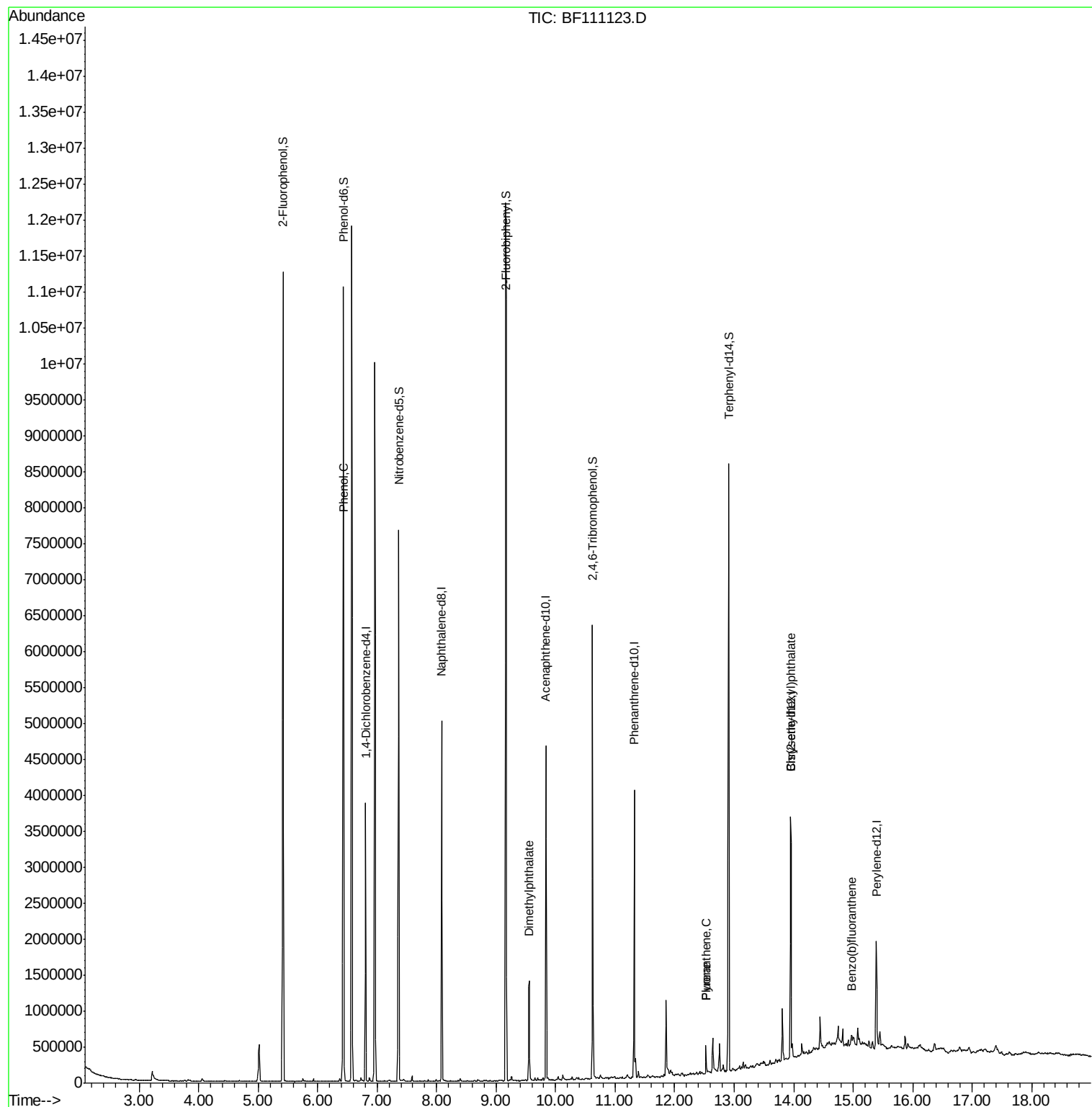
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111123.D
Acq On : 5 Dec 2018 22:39
Operator : JU/SJ
Sample : J6184-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

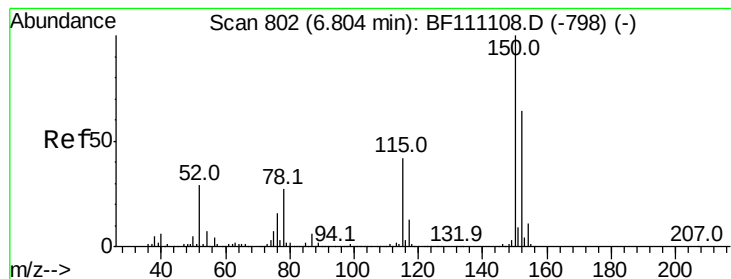
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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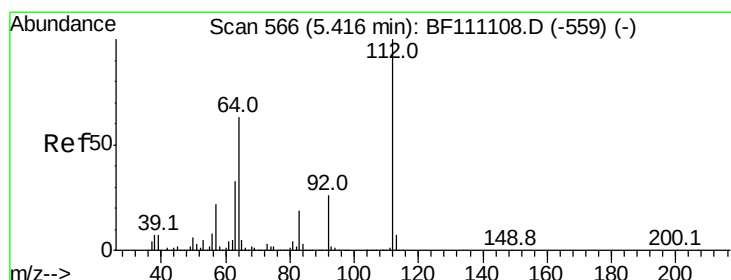
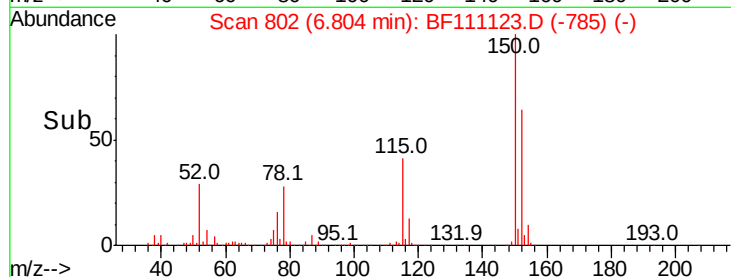
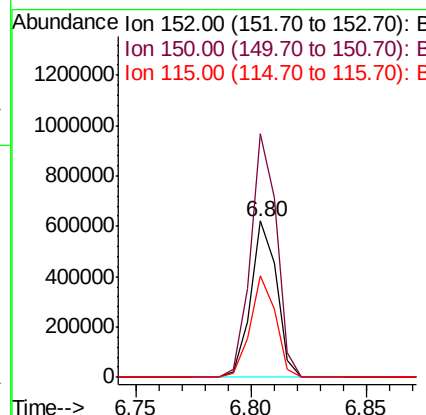
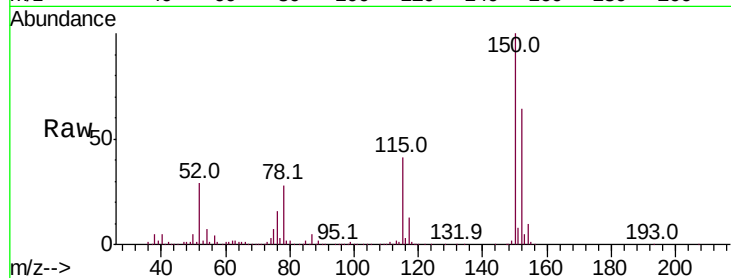
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
RO-331

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	187.0
115	64.6	52.2	78.2

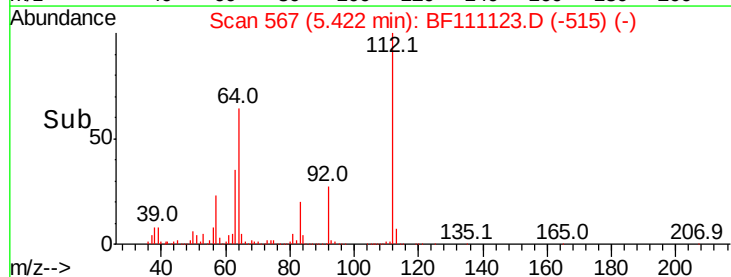
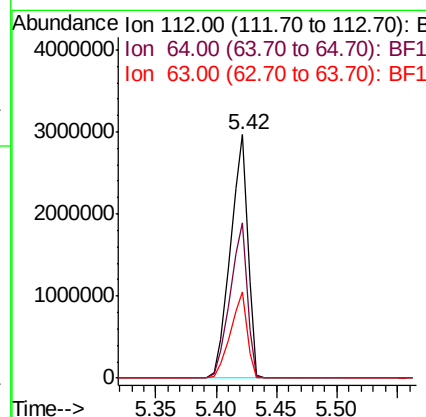
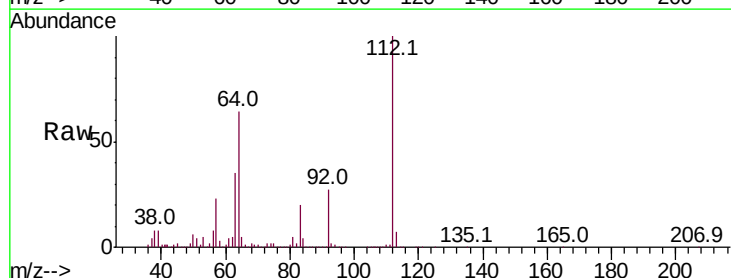
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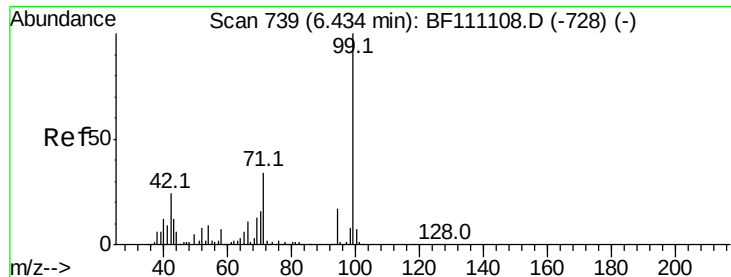
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#5
2-Fluorophenol
Concen: 94.551 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	50.2	75.4
63	35.1	26.6	39.8





#7

Phenol-d6

Concen: 92.907 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111123.D

Acq: 5 Dec 2018 22:39

Instrument :

BNA_F

ClientSampled :

RO-331

Tot Ion: 99 Resp: 3747935

Ion Ratio Lower Upper

99 100

42 26.0 19.3 28.9

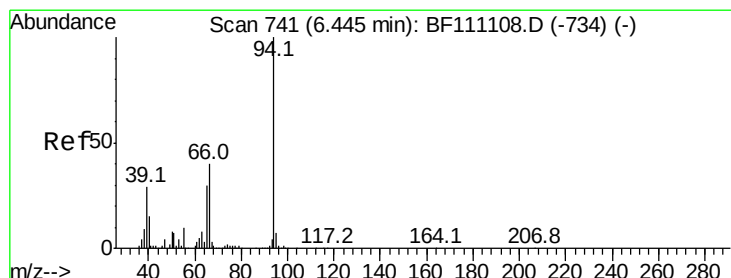
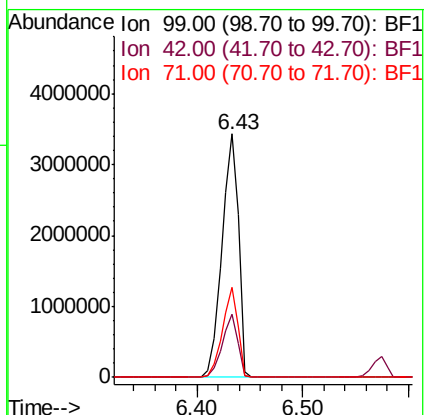
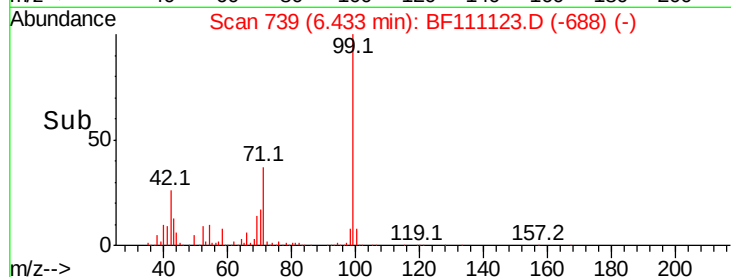
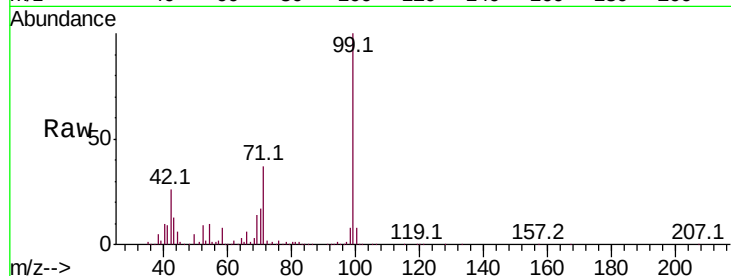
71 36.7 27.4 41.2

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#10

Phenol

Concen: 6.103 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111123.D

Acq: 5 Dec 2018 22:39

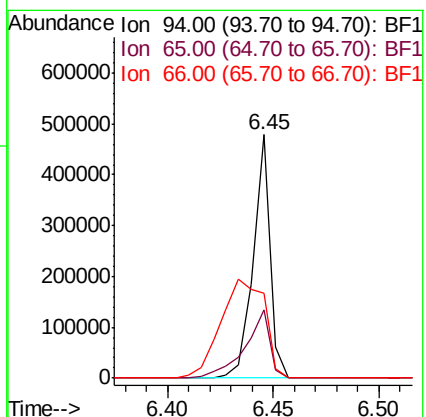
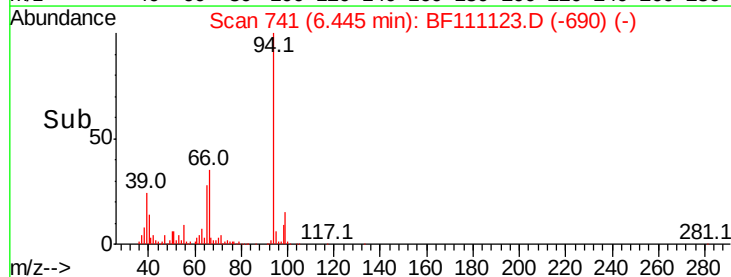
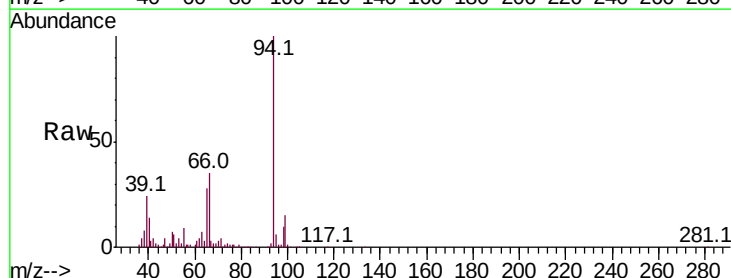
Tgt Ion: 94 Resp: 268458

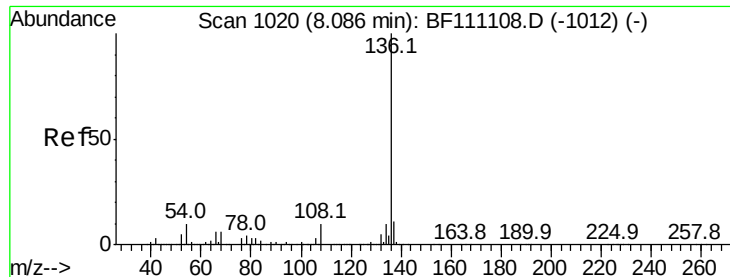
Ion Ratio Lower Upper

94 100

65 28.0 10.5 50.5

66 35.1 19.8 59.8





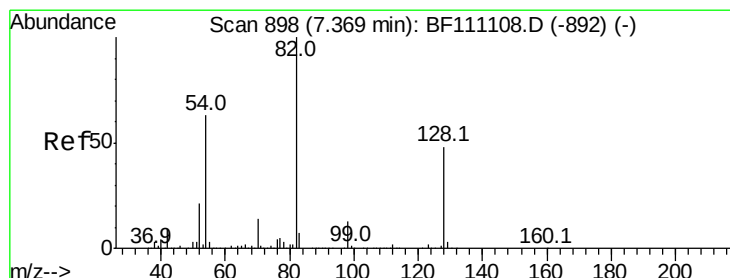
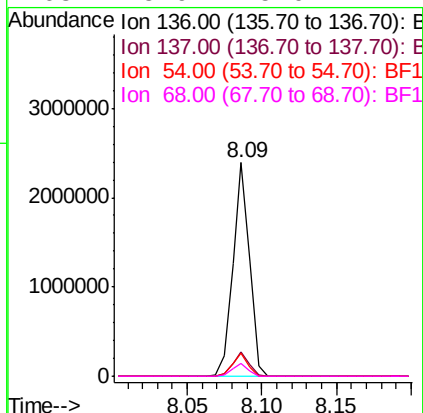
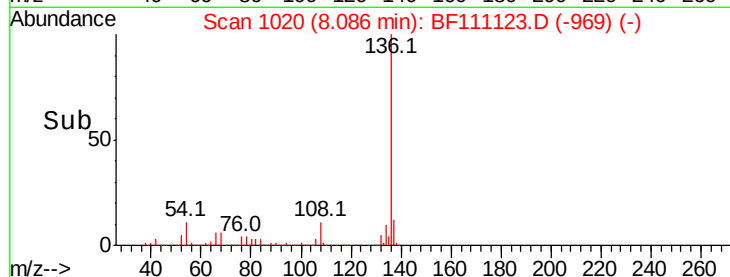
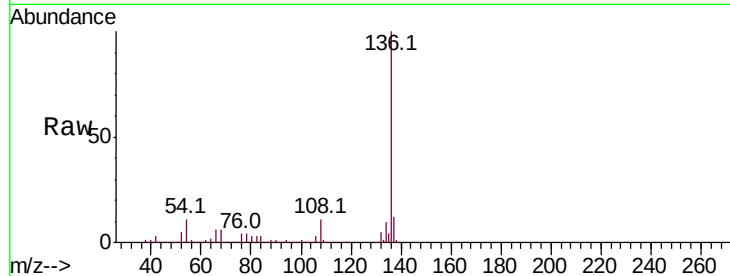
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
RO-331

Tot Ion	136	Resp	1878300
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	10.6	8.4	12.6
68	5.9	5.0	7.4

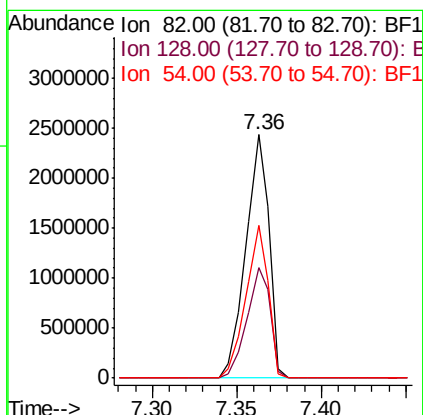
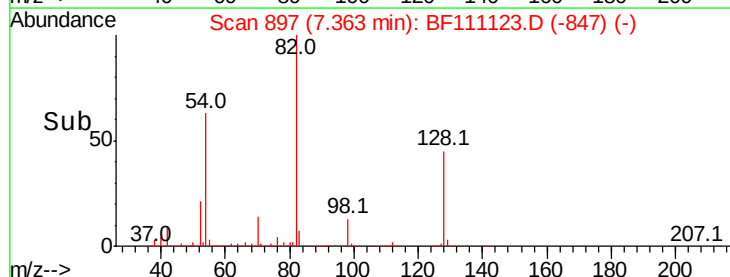
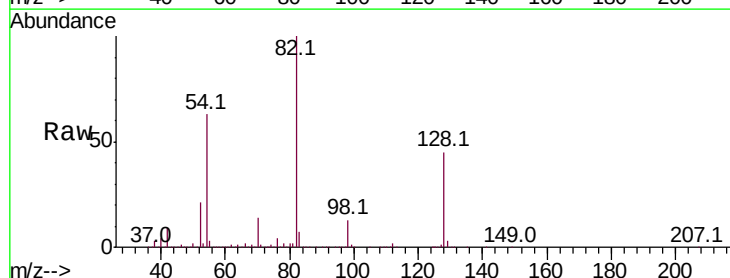
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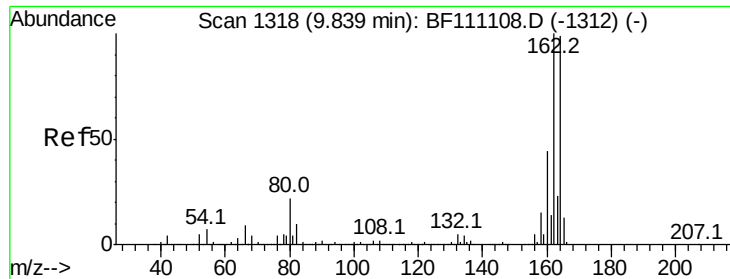
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#23
Nitrobenzene-d5
Concen: 73.791 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Tgt Ion	82	Resp	2341095
Ion	Ratio	Lower	Upper
82	100		
128	45.2	38.1	57.1
54	63.0	50.3	75.5





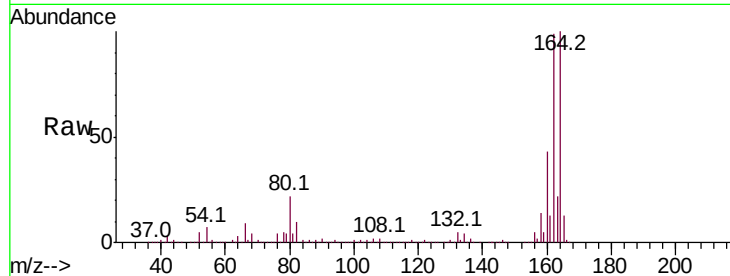
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
RO-331

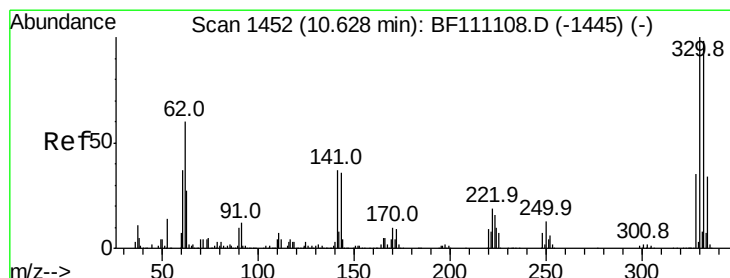
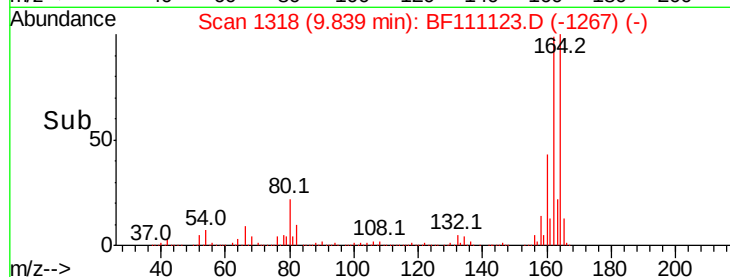
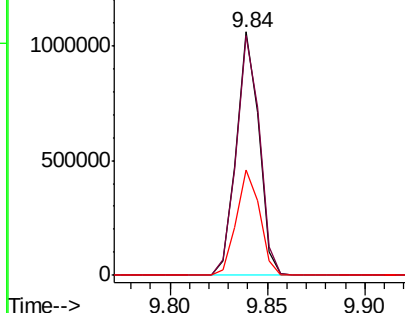
Tot Ion	Ratio	Resp	Lower	Upper
164	100	852151		
162	98.7	80.6	120.8	
160	43.4	35.5	53.3	

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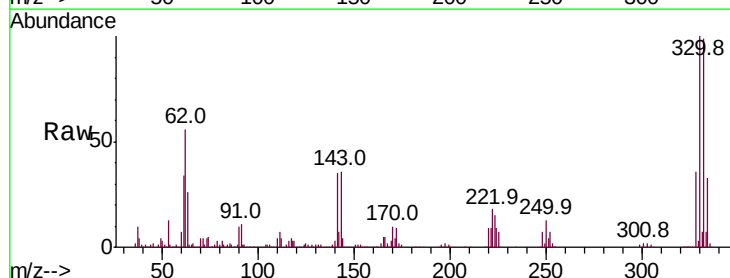


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

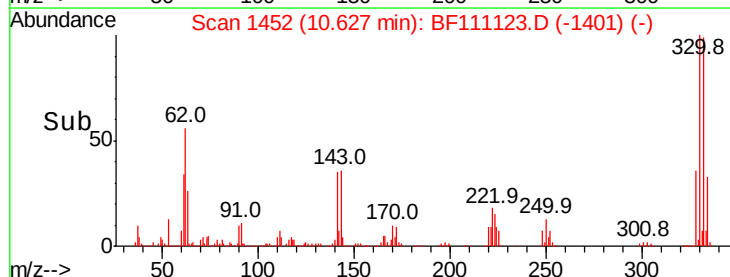
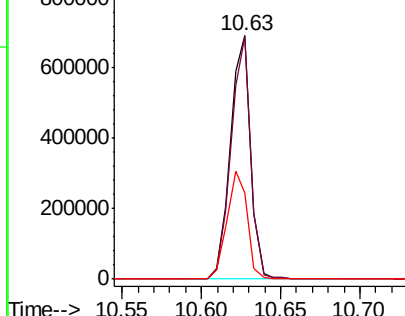


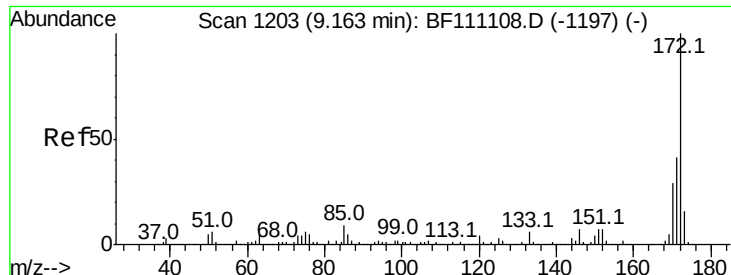
#42
2,4,6-Tribromophenol
Concen: 90.655 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	614061		
332	96.7	77.2	115.8	
141	44.4	36.1	54.1	



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





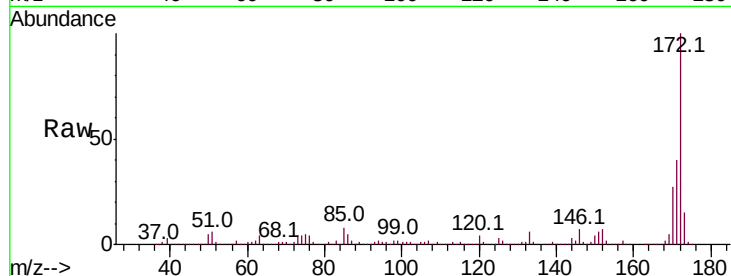
#45
2-Fluorobiphenyl
Concen: 76.341 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Instrument :
BNA_F
ClientSampled :
RO-331

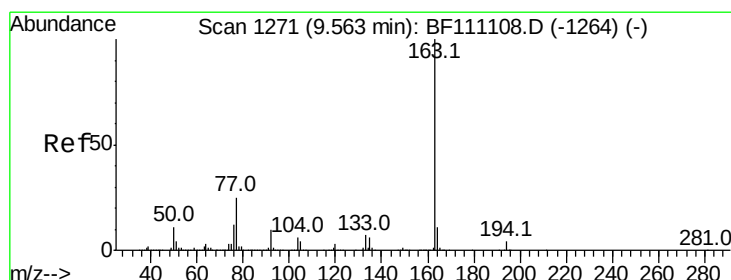
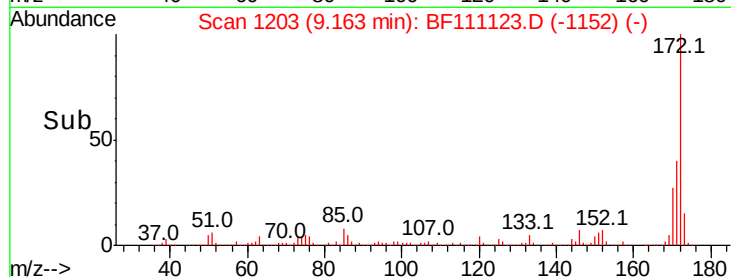
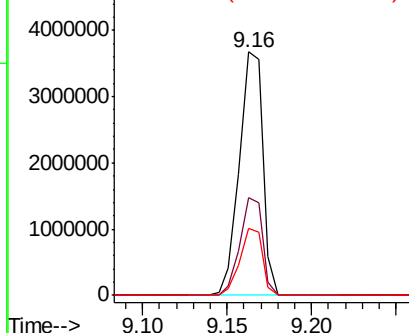
Tot Ion	Ratio	Lower	Upper
172	100		
171	40.0	33.2	49.8
170	27.5	22.9	34.3

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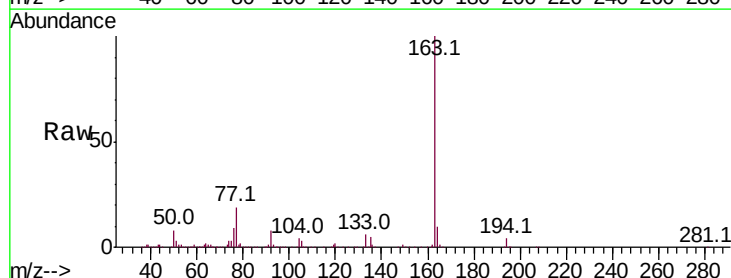


Abundance Ion 172.00 (171.70 to 172.70): E
5000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

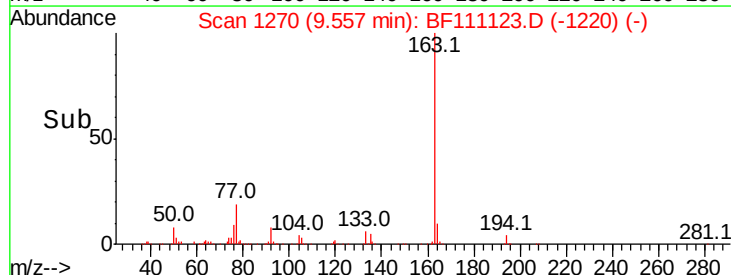
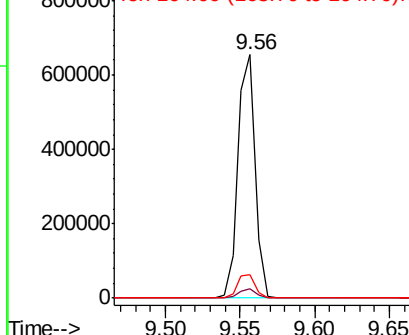


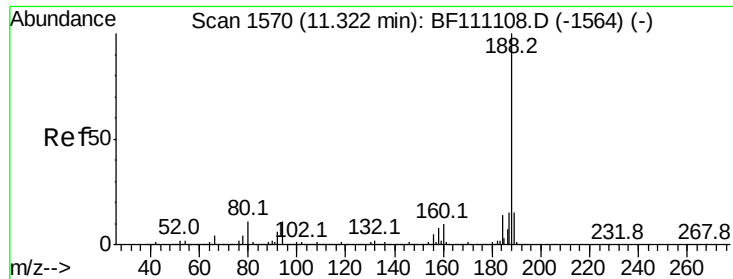
#50
Dimethylphthalate
Concen: 8.925 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.9	8.9	13.3



Abundance Ion 163.00 (162.70 to 163.70): E
800000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





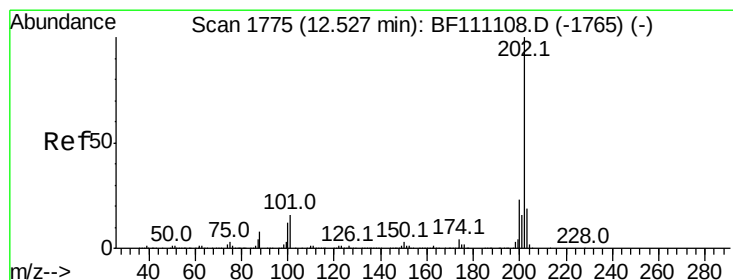
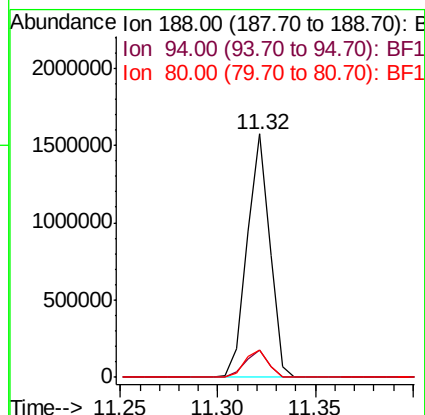
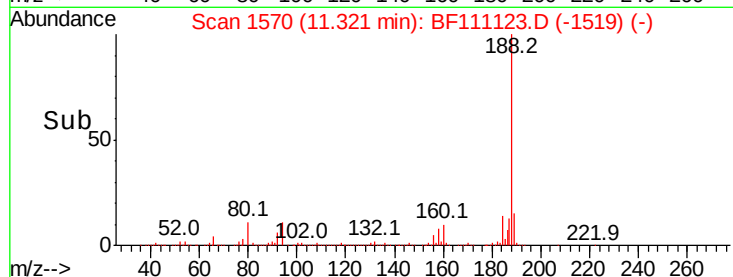
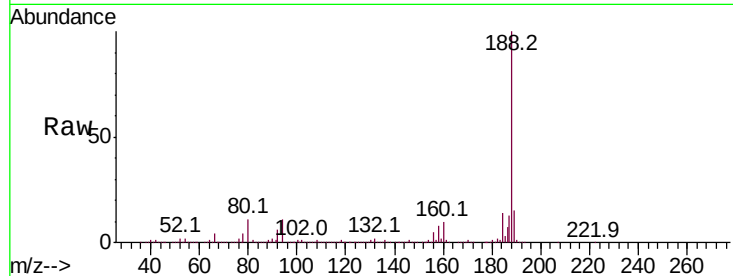
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
RO-331

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.1	9.0	13.6

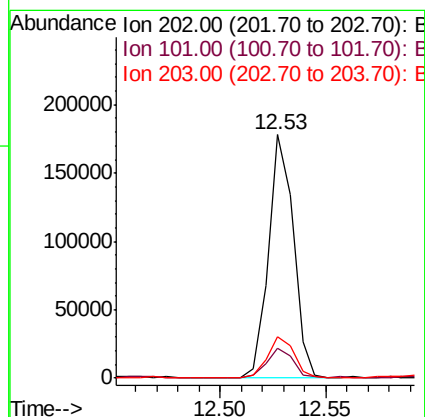
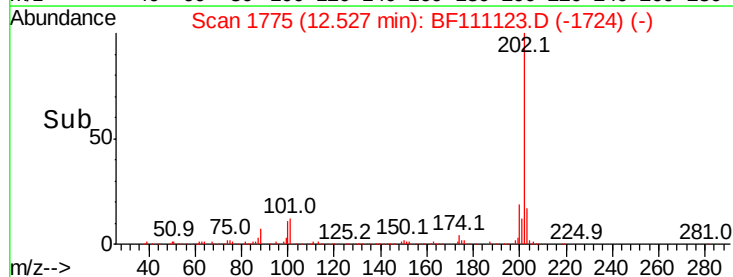
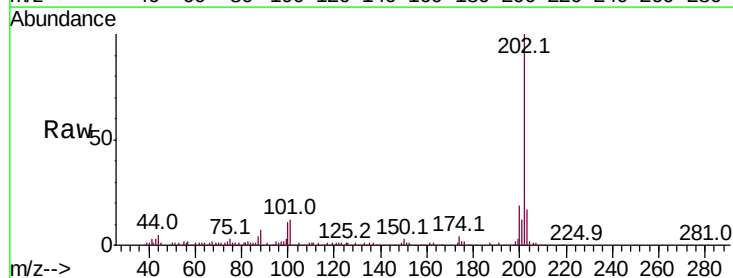
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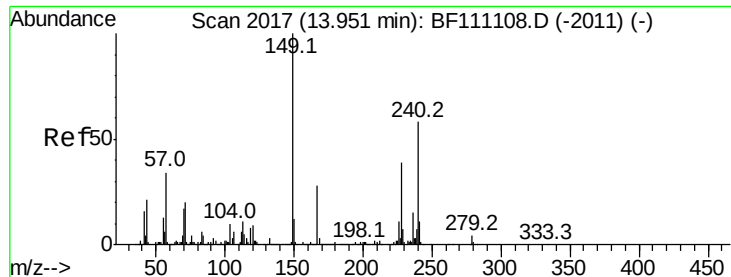
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#75
Fluoranthene
Concen: 2.480 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	35.8
203	17.2	0.0	38.6





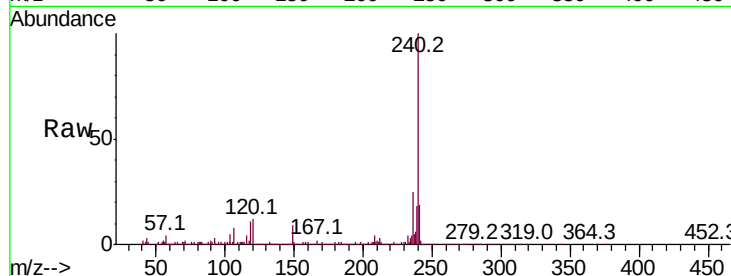
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Instrument :
BNA_F
ClientSampled :
RO-331

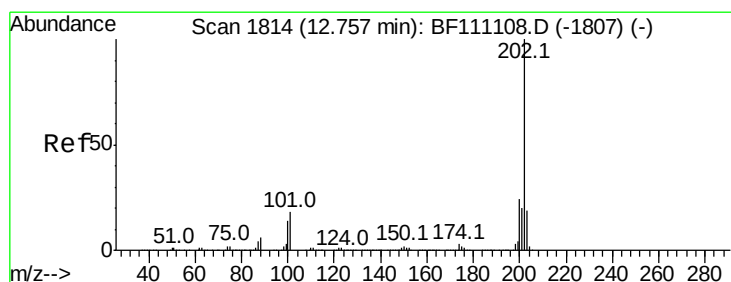
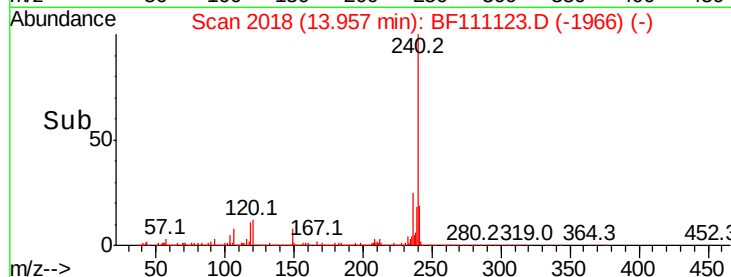
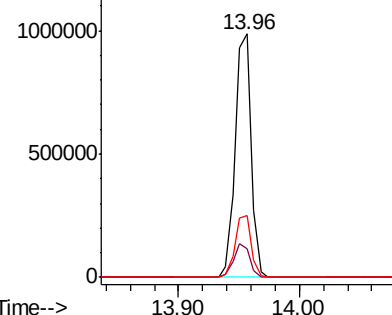
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	12.8	19.2#
236	25.4	21.1	31.7

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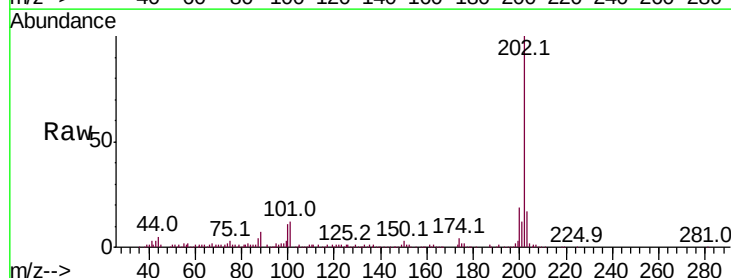


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

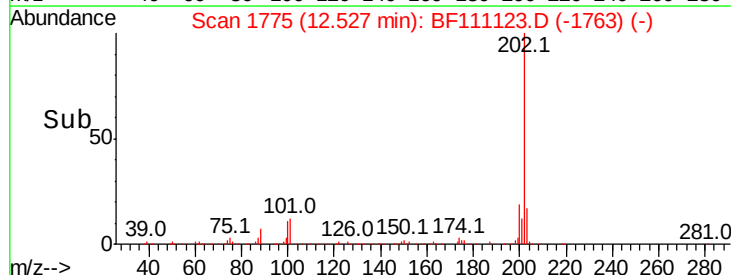
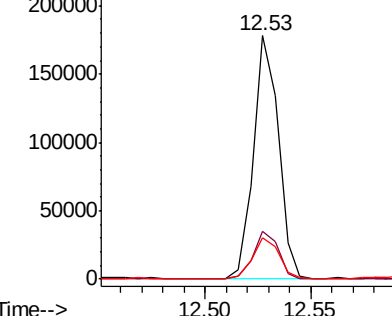


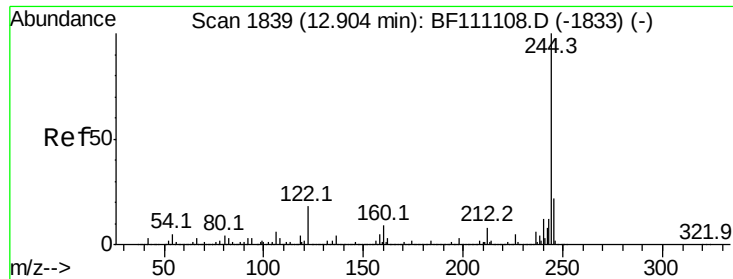
#78
Pyrene
Concen: 2.069 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.23 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	19.3	28.9
203	17.2	15.4	23.2



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: 57.983 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111123.D

Acq: 5 Dec 2018 22:39

Instrument :

BNA_F

ClientSampled :

RO-331

Tot Ion:244 Resp: 2594073

Ion Ratio Lower Upper

244 100

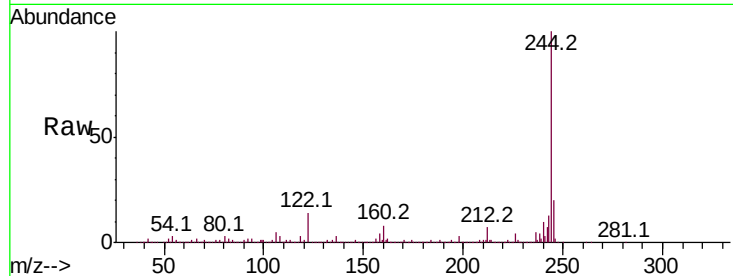
212 7.0 6.6 9.8

122 13.9 14.2 21.2#

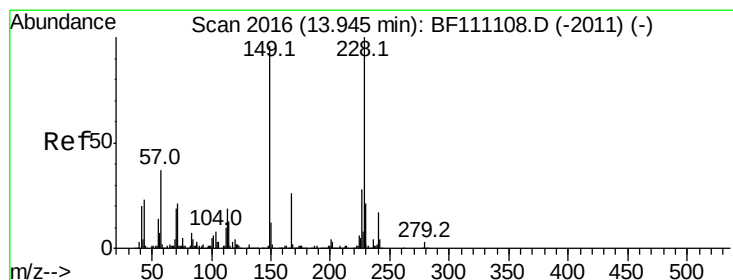
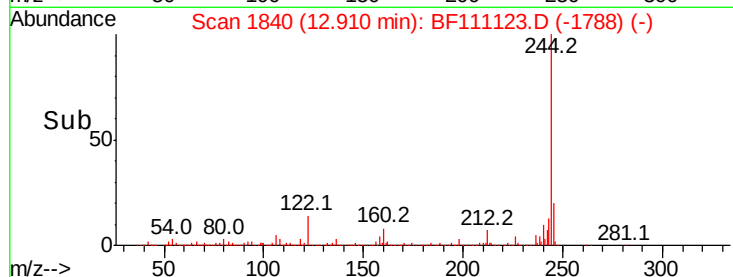
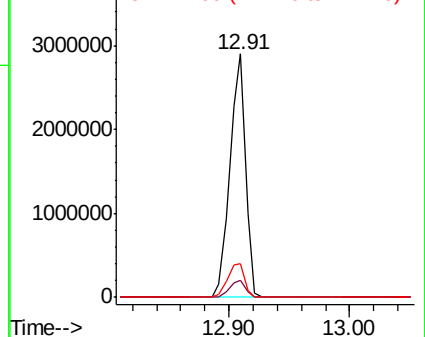
Manual Integrations
APPROVED

mohammad

12/6/2018 12:11:55 PM



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.477 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111123.D

Acq: 5 Dec 2018 22:39

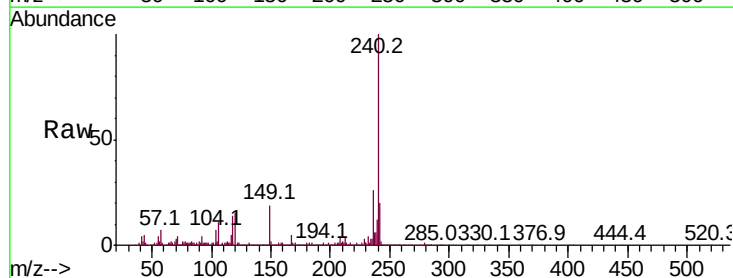
Tgt Ion:149 Resp: 144831

Ion Ratio Lower Upper

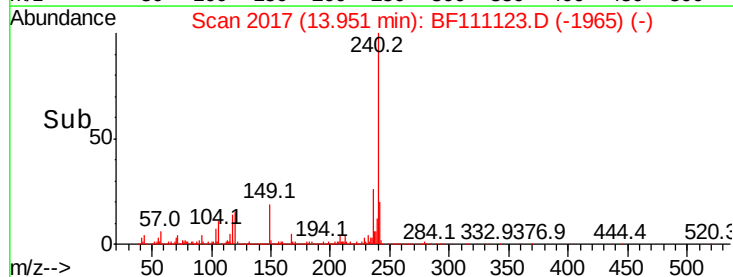
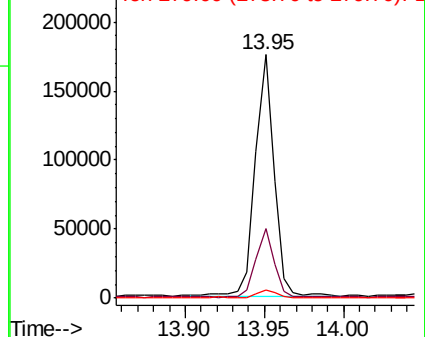
149 100

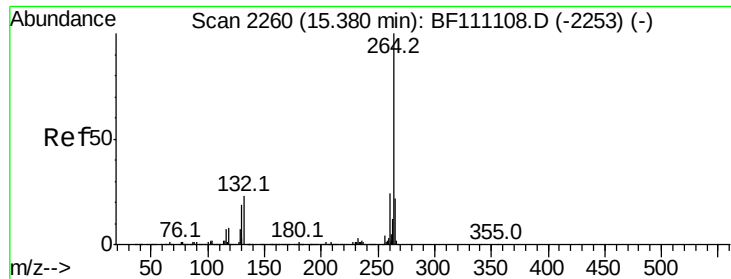
167 28.3 21.6 32.4

279 3.4 2.3 3.5



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111123.D

Acq: 5 Dec 2018 22:39

Instrument :

BNA_F

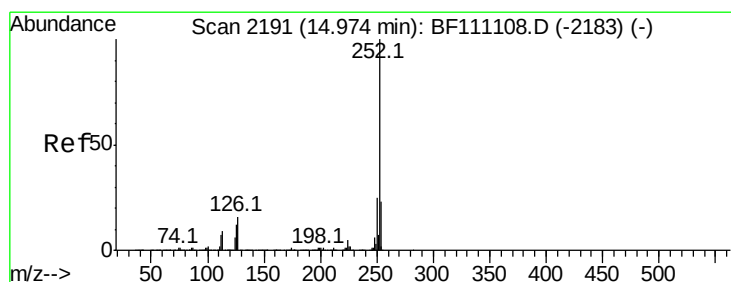
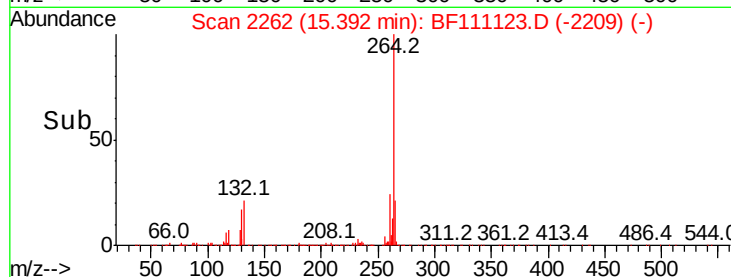
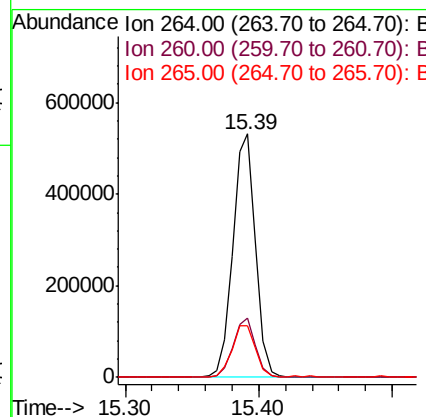
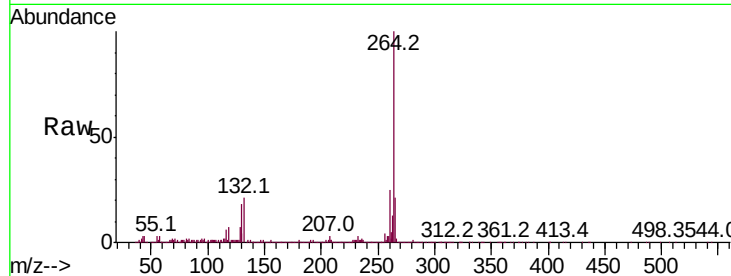
ClientSampleId :

RO-331

Tot Ion:	264	Resp:	633123
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.4	29.0
265	21.5	17.4	26.0

Manual Integrations
APPROVED

mohammad
12/6/2018 12:11:55 PM



#88

Benzo(b)fluoranthene

Concen: 2.045 ng m

RT: 14.97 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BF111123.D

Acq: 5 Dec 2018 22:39

Tgt Ion:	252	Resp:	73364
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.5	27.7
125	20.9	9.9	14.9#

