

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111363.D
 Acq On : 13 Dec 2018 11:45
 Operator : JU/SJ
 Sample : J6334-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-121018

Manual Integrations
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Quant Time: Dec 13 16:49:44 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	6.80	152	190169	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	703903	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	420921	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	786638	20.00	ng	0.00
76) Chrysene-d12	13.95	240	557639	20.00	ng	0.00
87) Perylene-d12	15.39	264	459759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	726833	64.63	ng	0.00
7) Phenol-d6	6.45	99	623643	41.13	ng	0.02
23) Nitrobenzene-d5	7.37	82	1206047	96.57	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	545657	147.06	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2291606	87.41	ng	0.00
79) Terphenyl-d14	12.90	244	2510956	99.10	ng	0.00
Target Compounds						
6) Aniline	6.46	93	677361	36.928	ng	95
27) 2,4-Dimethylphenol	7.75	122	61385m	6.395	ng	
31) Naphthalene	8.12	128	7297222	222.507	ng	# 94
37) 2-Methylnaphthalene	8.80	142	3445307	162.514	ng	97
38) 1-Methylnaphthalene	8.90	142	1837458	89.802	ng	99
50) Dimethylphthalate	9.55	163	134053	4.429	ng	# 39

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

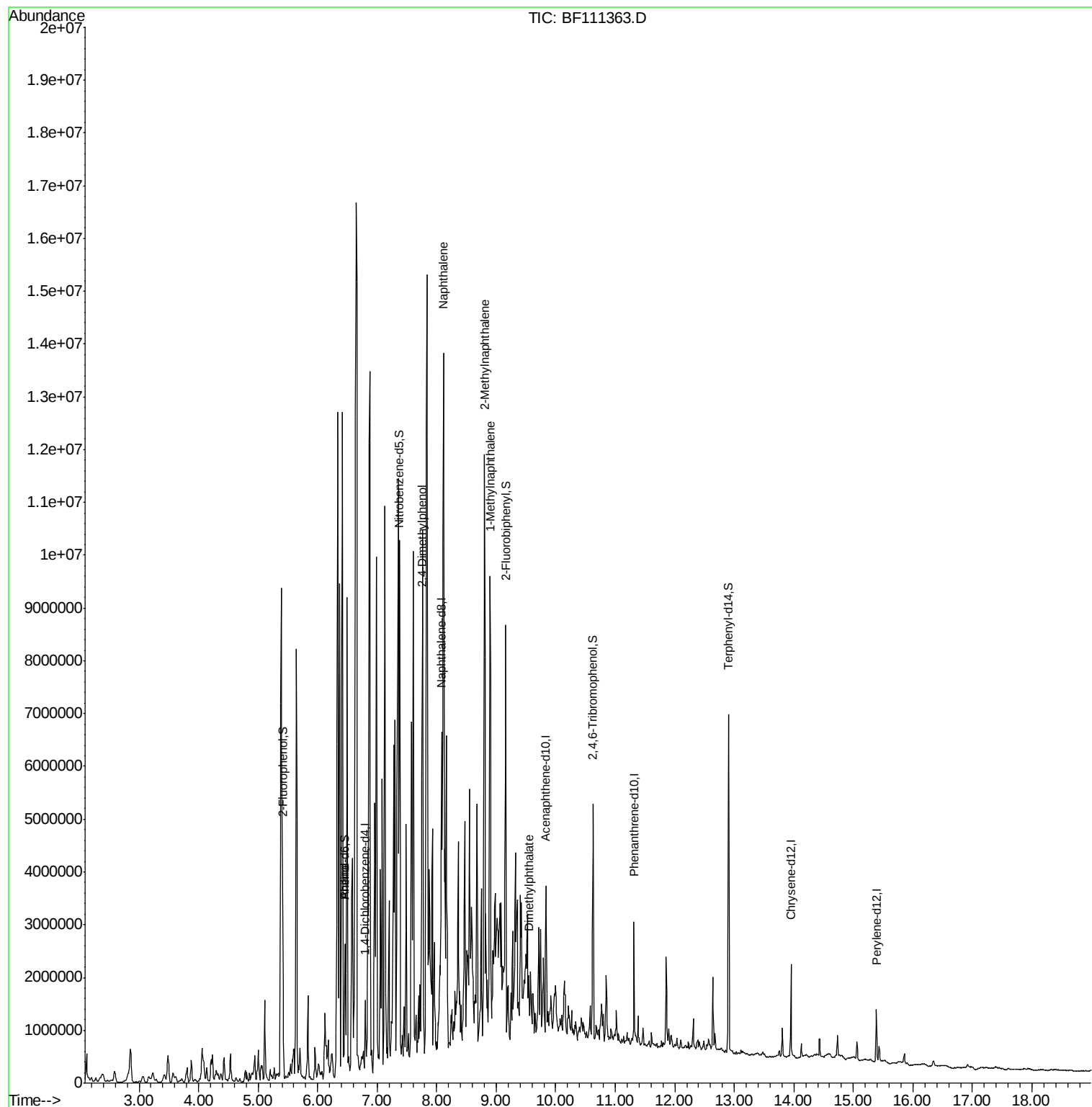
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111363.D
Acq On : 13 Dec 2018 11:45
Operator : JU/SJ
Sample : J6334-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

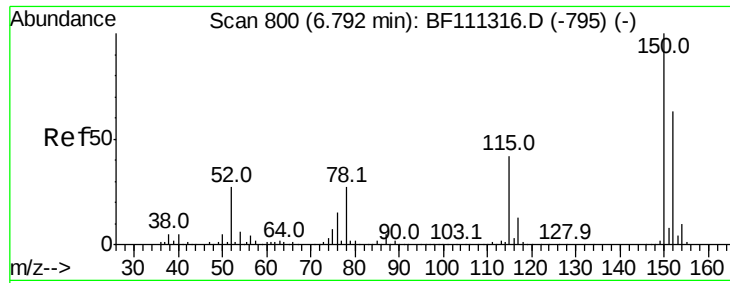
Instrument :
BNA_F
ClientSampleId :
B2-121018

Manual Integrations
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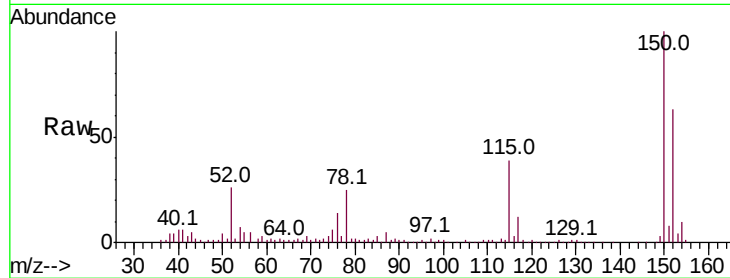
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF111363.D
Acq: 13 Dec 2018 11:45

Instrument :
BNA_F
ClientSampleId :
B2-121018

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.6	189.8
115	61.5	50.7	76.1

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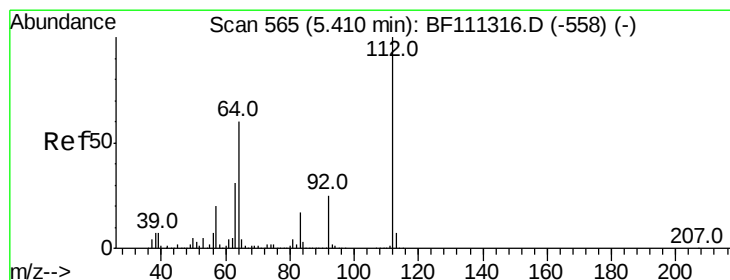
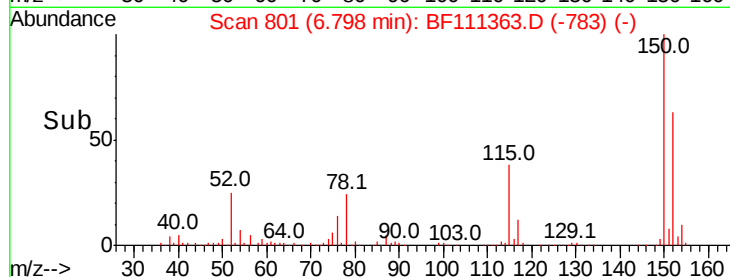
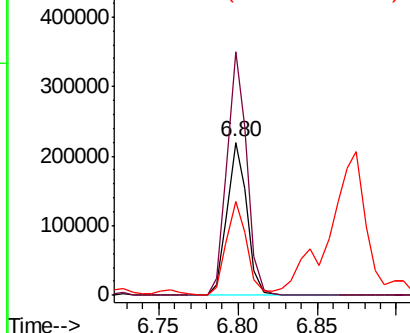


Abundance

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: 64.632 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF111363.D
Acq: 13 Dec 2018 11:45

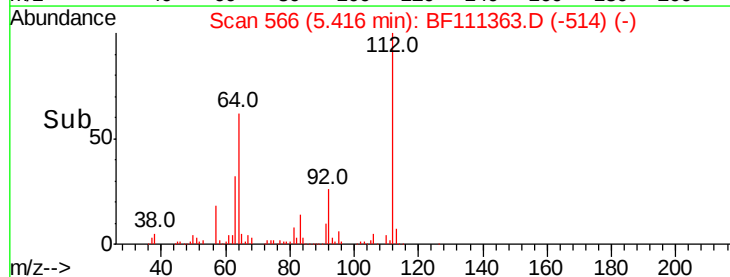
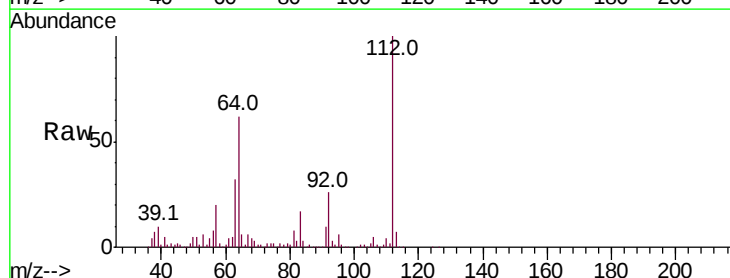
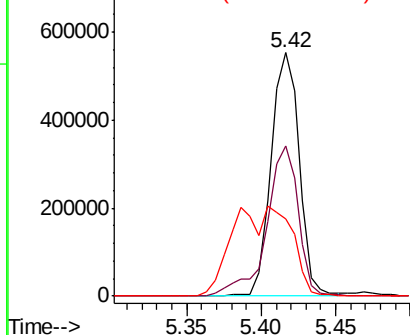
Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	51.8	77.6
63	31.9	26.8	40.2

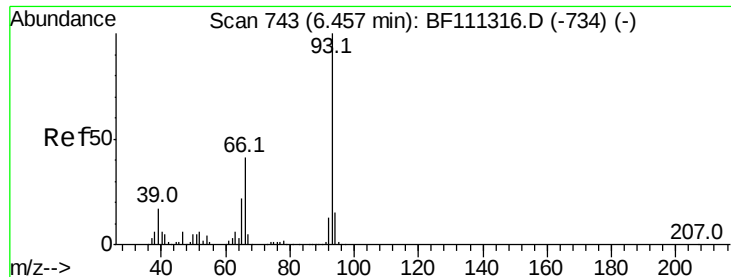
Abundance

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





#6

Aniline

Concen: 36.928 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF111363.D

Acq: 13 Dec 2018 11:45

Instrument :

BNA_F

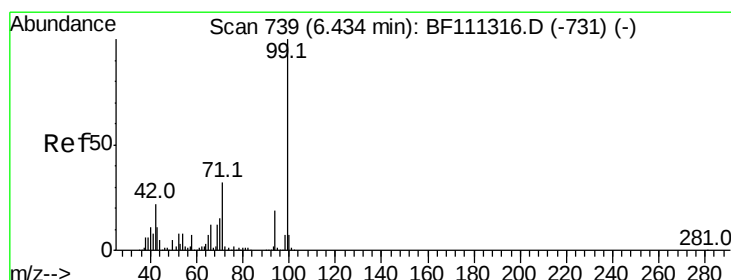
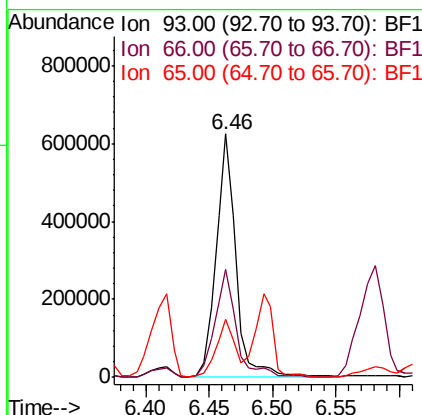
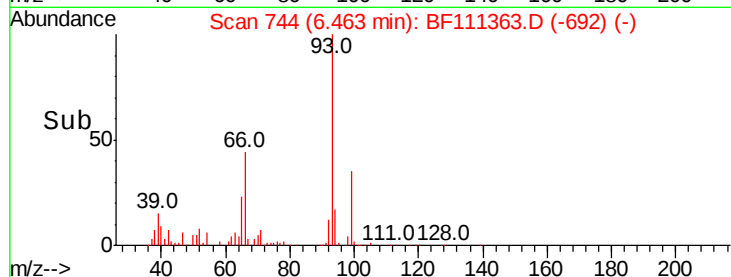
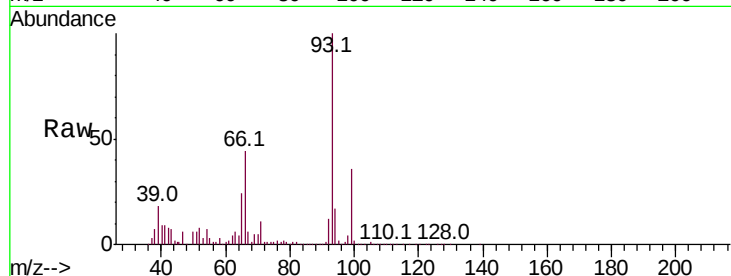
ClientSampleId :

B2-121018

Tot Ion	93	Resp	677361
Ion Ratio	Lower	Upper	
93	100		
66	44.1	33.2	49.8
65	24.0	17.0	25.4

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#7

Phenol-d6

Concen: 41.131 ng

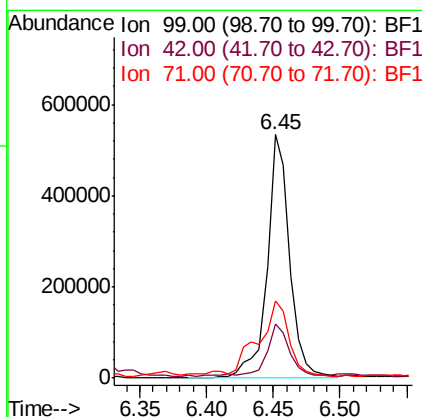
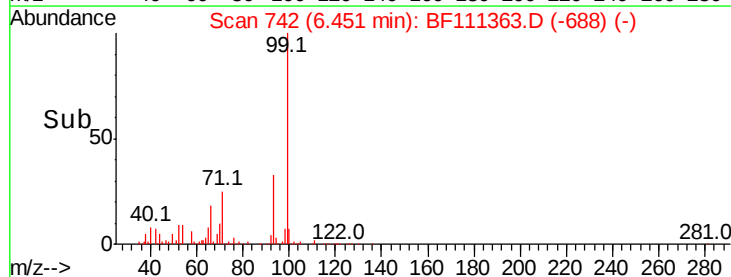
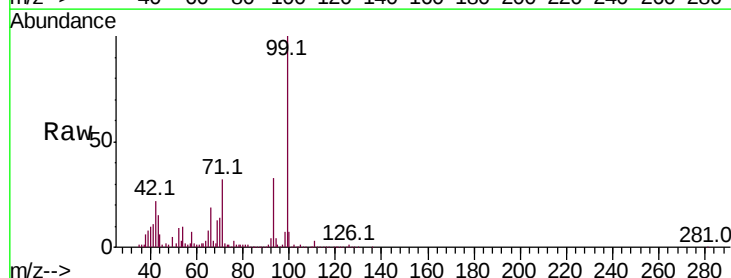
RT: 6.45 min Scan# 742

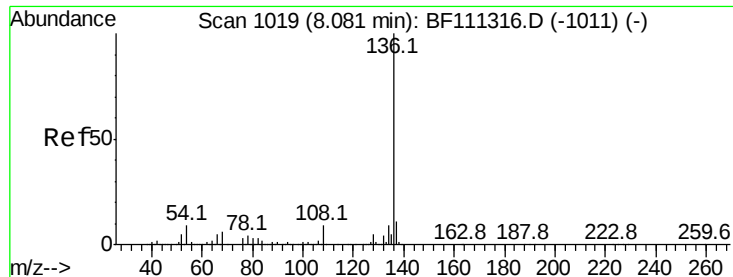
Delta R.T. 0.02 min

Lab File: BF111363.D

Acq: 13 Dec 2018 11:45

Tgt Ion	99	Resp	623643
Ion Ratio	Lower	Upper	
99	100		
42	22.3	17.4	26.0
71	31.7	26.1	39.1





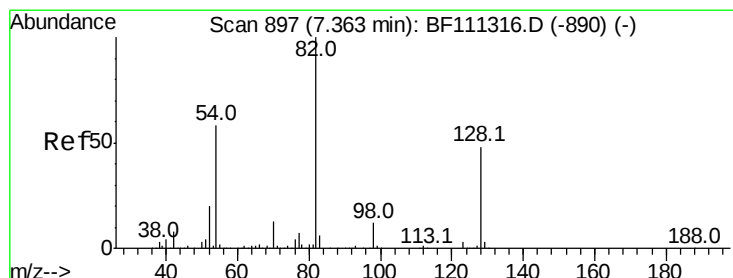
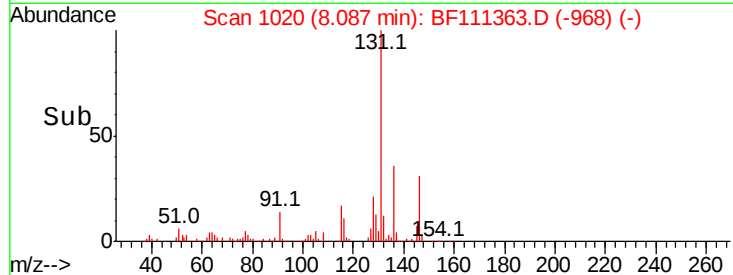
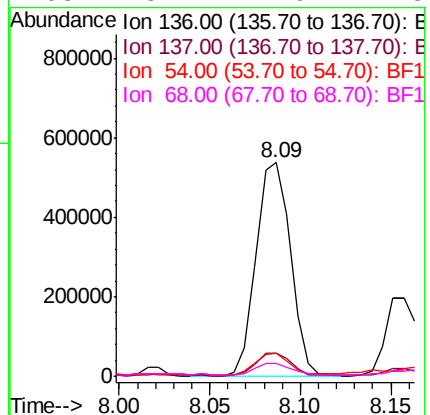
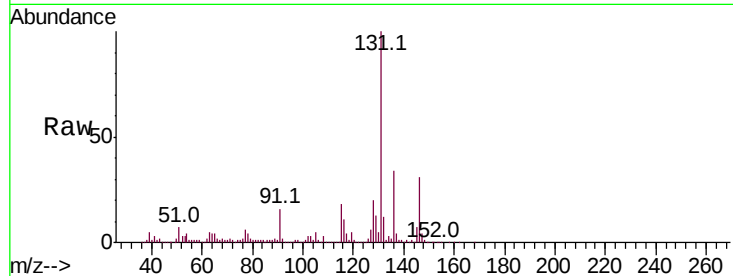
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF111363.D
Acq: 13 Dec 2018 11:45

Instrument :
BNA_F
ClientSampleId :
B2-121018

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		703903		
137	11.1	9.1	13.7		
54	10.9	7.7	11.5		
68	5.7	4.9	7.3		

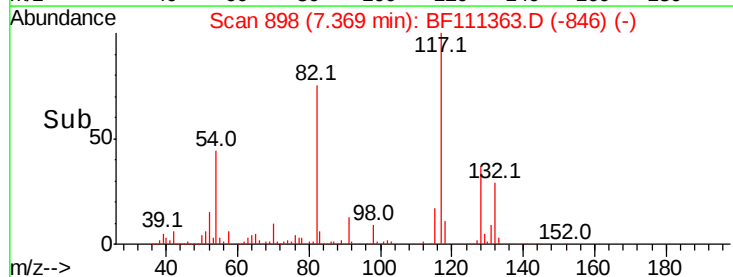
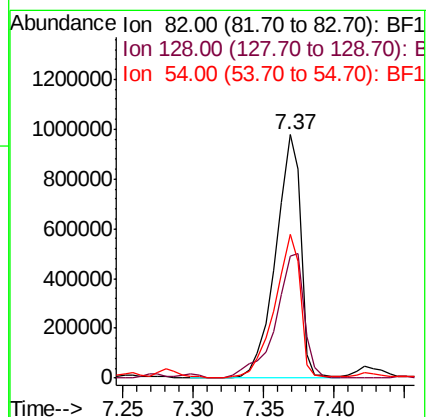
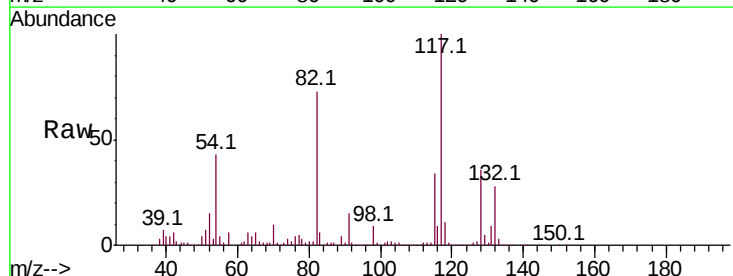
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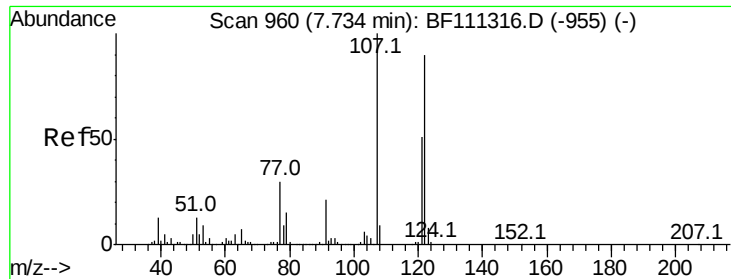
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#23
Nitrobenzene-d5
Concen: 96.571 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF111363.D
Acq: 13 Dec 2018 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1206047		
128	50.0	37.4	56.2		
54	59.3	47.6	71.4		





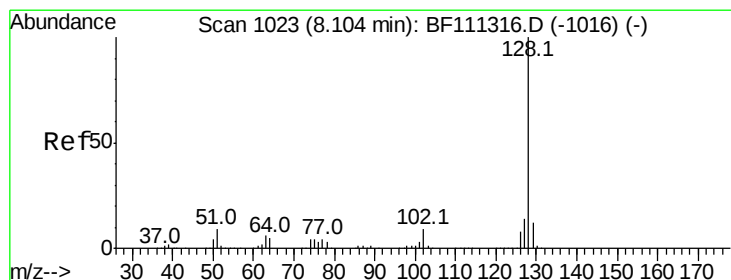
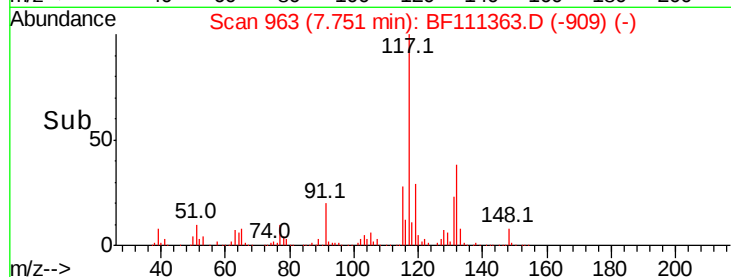
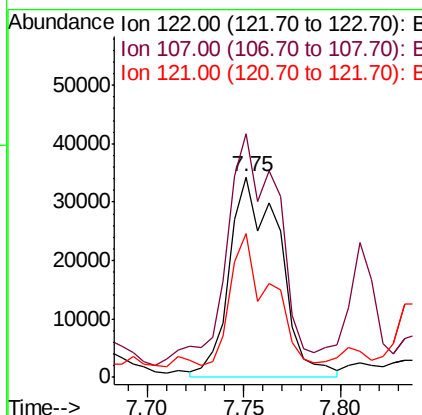
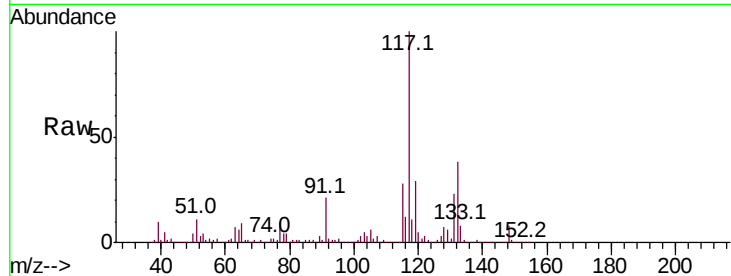
#27
2,4-Dimethylphenol
Concen: 6.395 ng m
RT: 7.75 min Scan# 963
Delta R.T. 0.02 min
Lab File: BF111363.D
Acq: 13 Dec 2018 11:45

Instrument :
BNA_F
ClientSampled :
B2-121018

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.4	85.5	128.3
121	71.6	46.6	70.0#

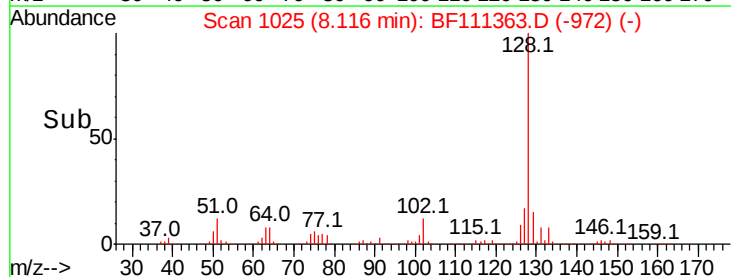
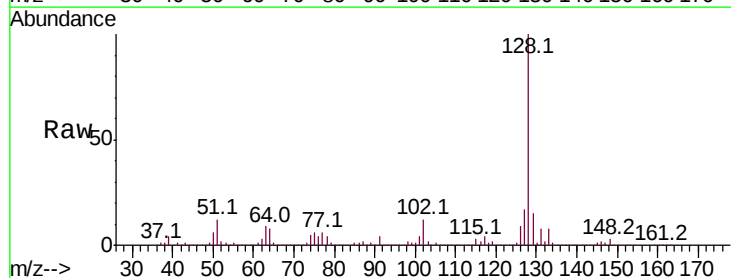
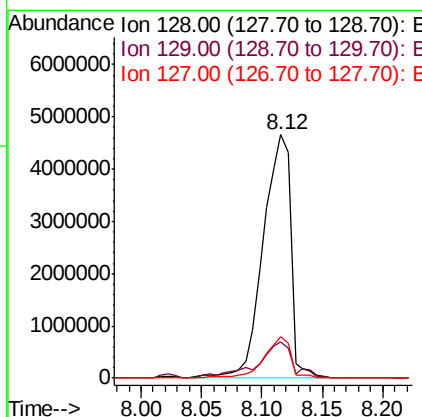
Manual Integrations
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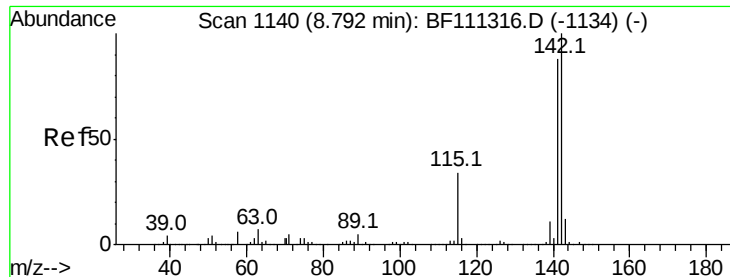
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#31
Naphthalene
Concen: 222.507 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF111363.D
Acq: 13 Dec 2018 11:45

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.9	9.8	14.8#
127	17.2	12.0	18.0





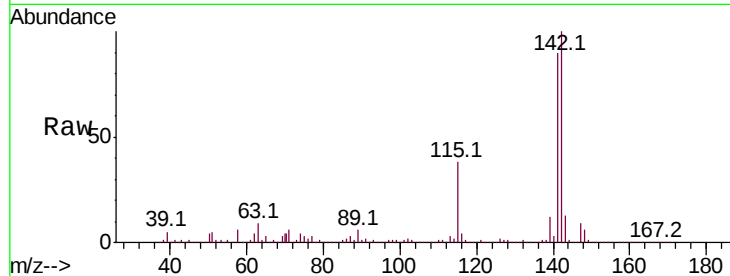
#37
2-Methylnaphthalene
Concen: 162.514 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111363.D
Acq: 13 Dec 2018 11:45

Instrument :
BNA_F
ClientSampleId :
B2-121018

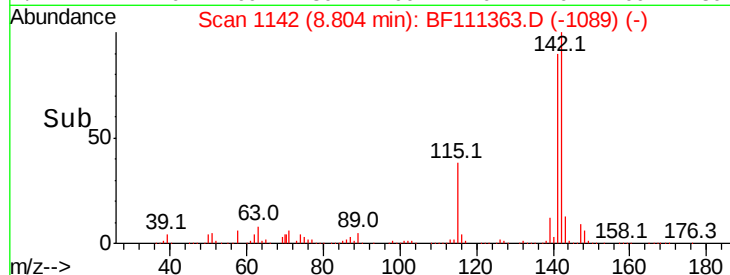
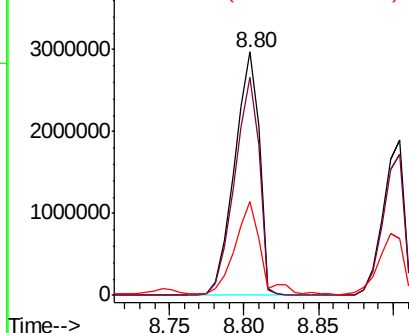
Tot Ion:142 Resp: 3445307
Ion Ratio Lower Upper
142 100
141 89.7 70.6 105.8
115 38.4 27.0 40.6

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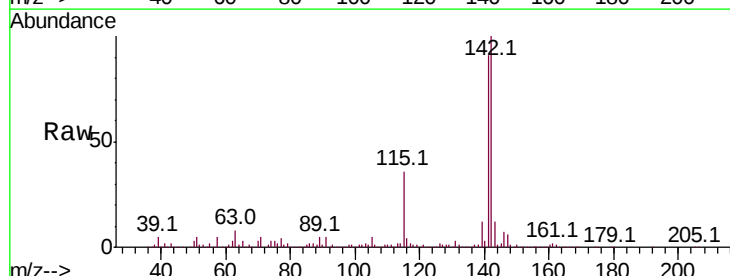
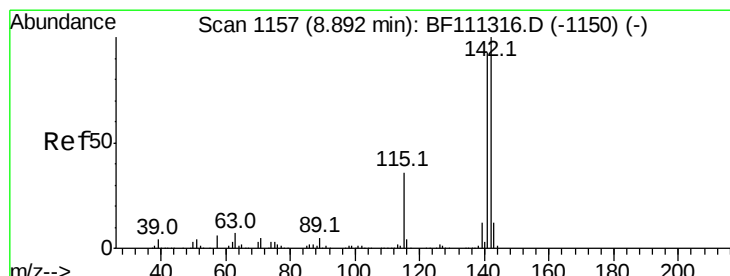
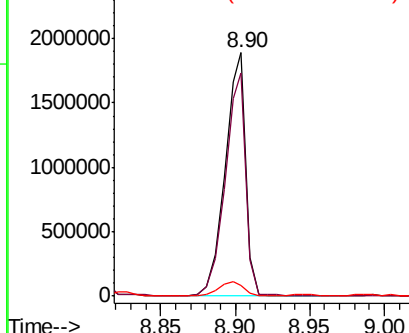
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

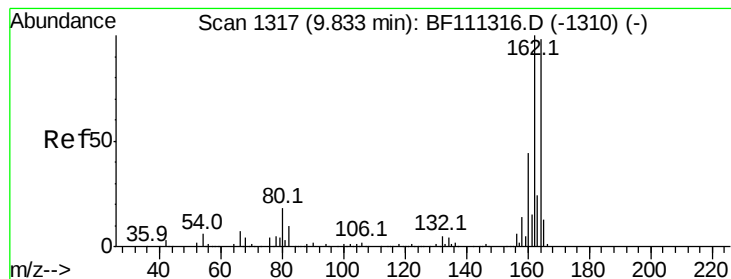


#38
1-Methylnaphthalene
Concen: 89.802 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111363.D
Acq: 13 Dec 2018 11:45

Tgt Ion:142 Resp: 1837458
Ion Ratio Lower Upper
142 100
141 91.4 74.2 111.4
116 4.2 2.9 4.3

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF111363.D

Acq: 13 Dec 2018 11:45

Instrument :

BNA_F

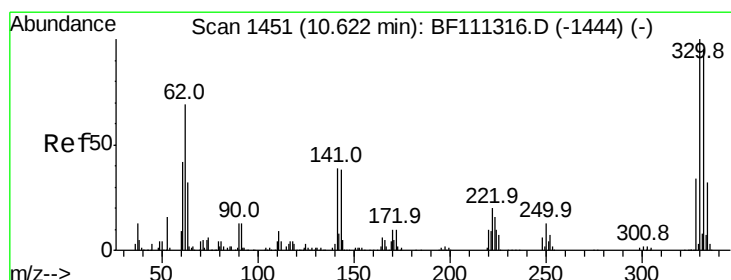
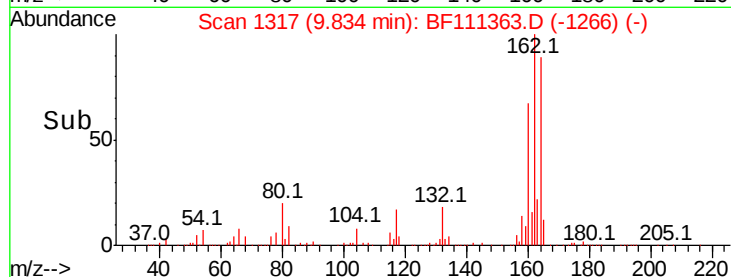
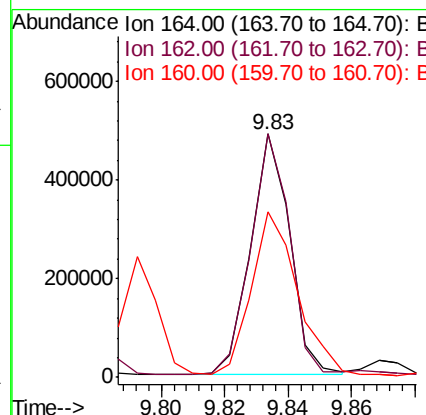
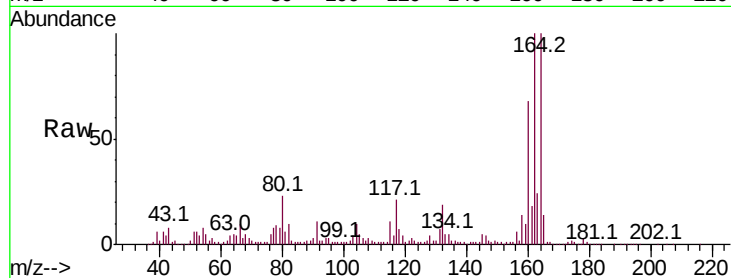
ClientSampleId :

B2-121018

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.2	81.4	122.0	
160	67.9	35.7	53.5#	

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#42

2,4,6-Tribromophenol

Concen: 147.059 ng

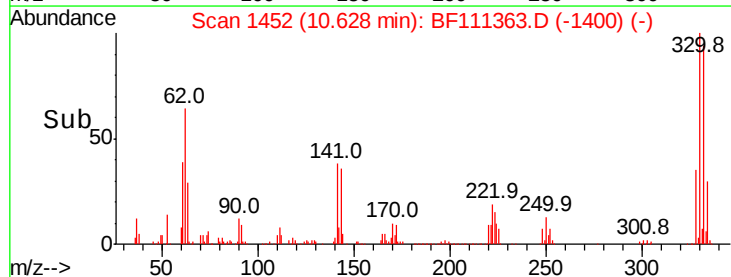
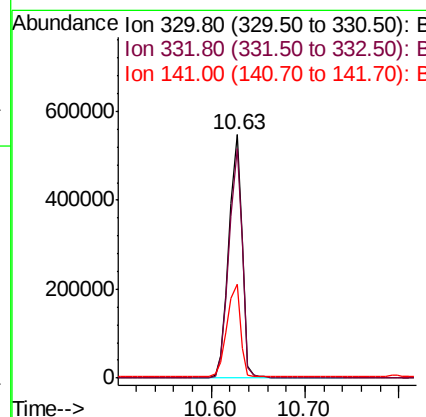
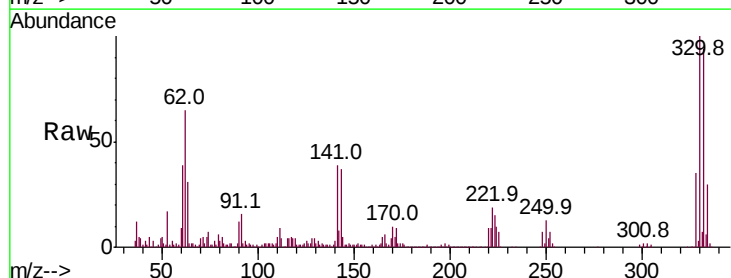
RT: 10.63 min Scan# 1452

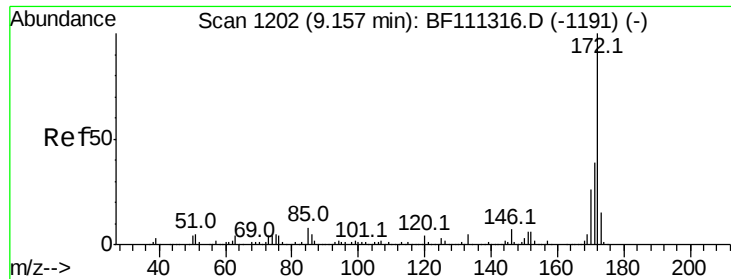
Delta R.T. 0.01 min

Lab File: BF111363.D

Acq: 13 Dec 2018 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.5	76.0	114.0	
141	39.0	31.0	46.6	





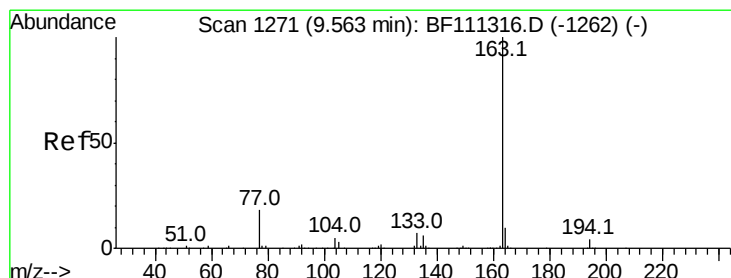
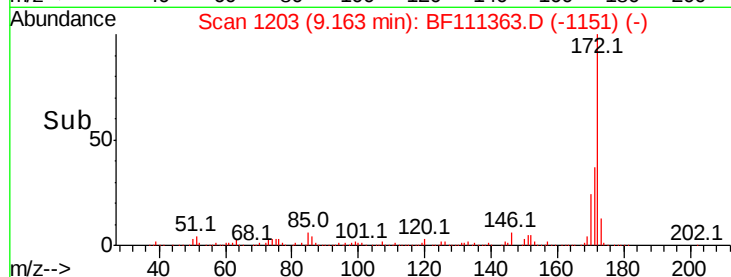
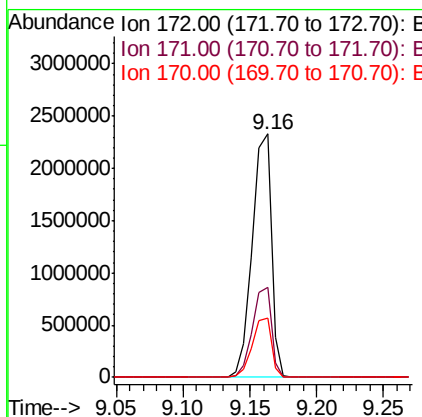
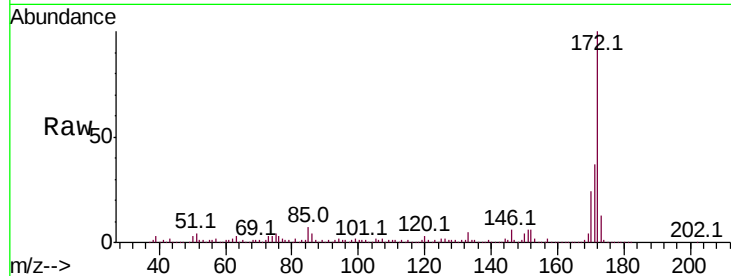
#45
2-Fluorobiphenyl
Concen: 87.407 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF111363.D
Acq: 13 Dec 2018 11:45

Instrument :
BNA_F
ClientSampleId :
B2-121018

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	33.0	49.4
170	24.4	22.3	33.5

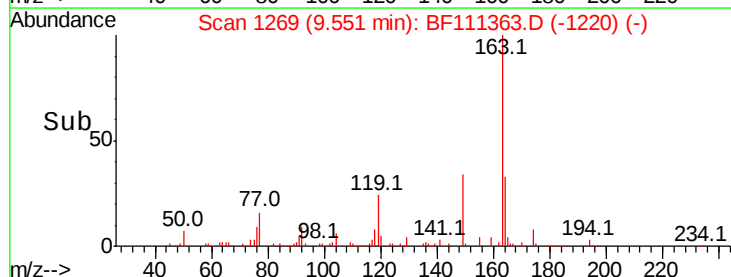
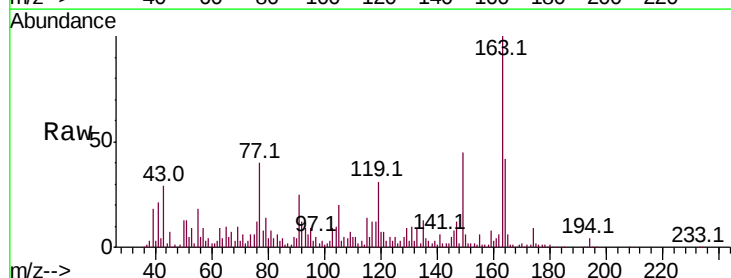
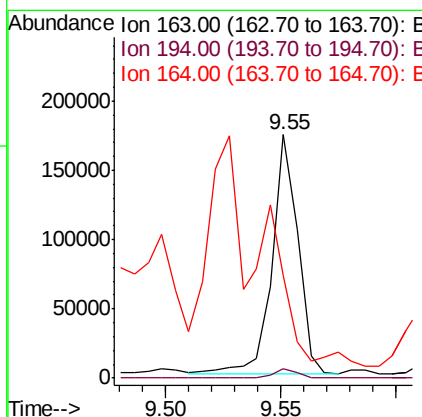
Manual Integrations
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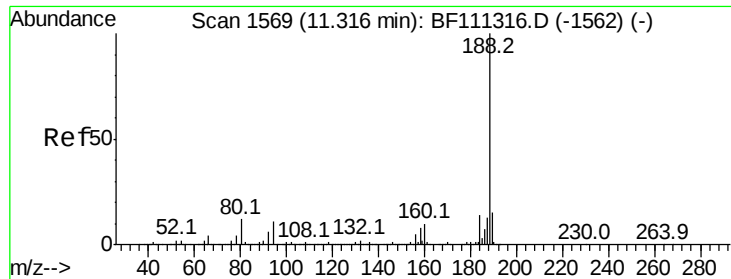
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#50
Dimethylphthalate
Concen: 4.429 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111363.D
Acq: 13 Dec 2018 11:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	42.2	8.9	13.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF111363.D

Acq: 13 Dec 2018 11:45

Instrument :

BNA_F

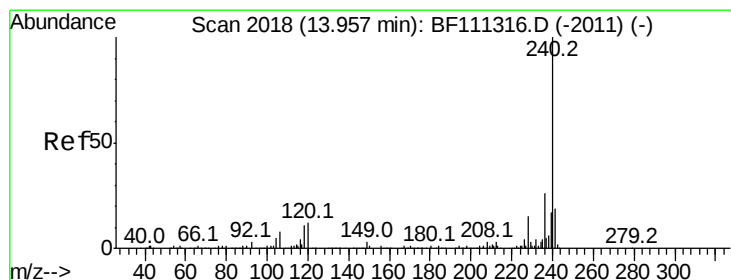
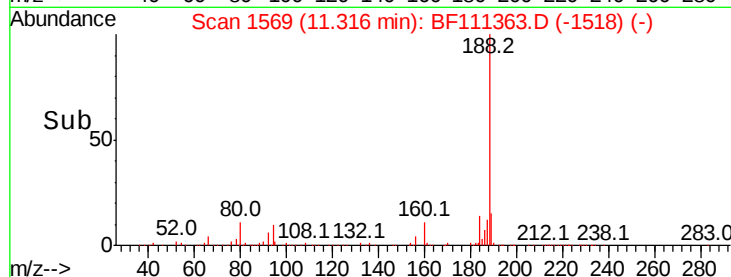
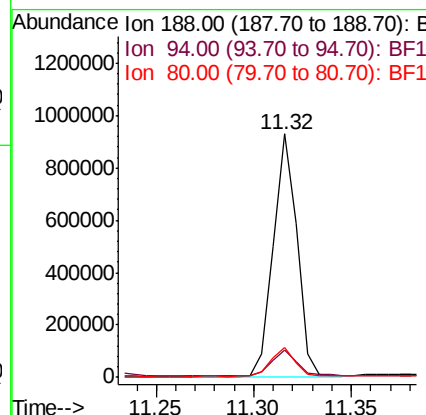
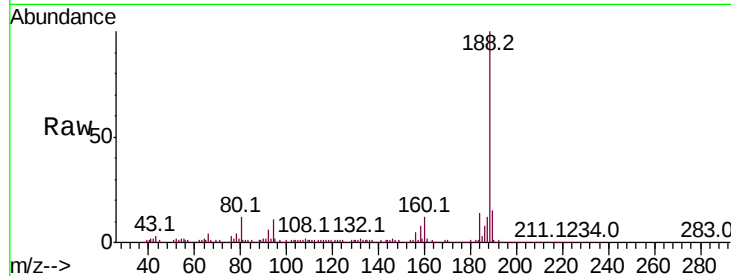
ClientSampleId :

B2-121018

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.4	9.6	14.4
80	12.1	9.8	14.6

Manual Integrations
APPROVED

Sohil
12/14/2018 12:53:09 PM



#76

Chrysene-d12

Concen: 20.000 ng

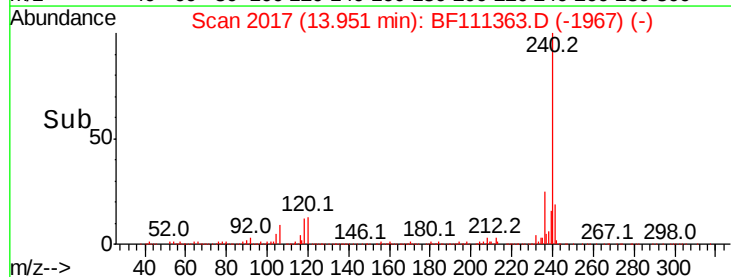
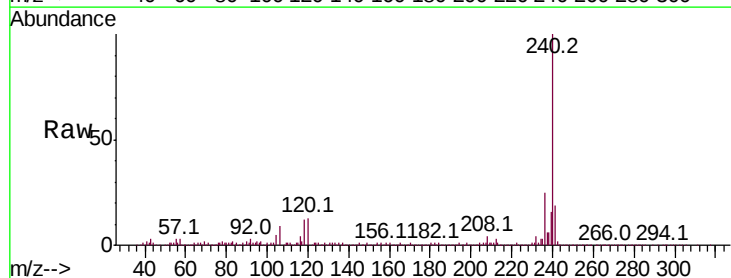
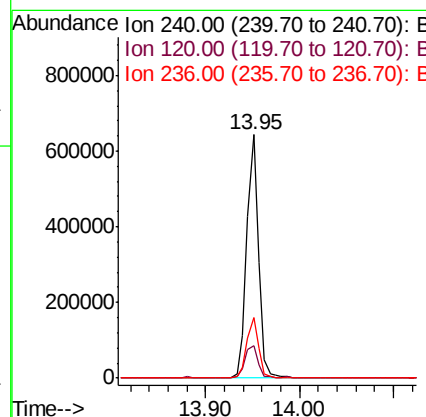
RT: 13.95 min Scan# 2017

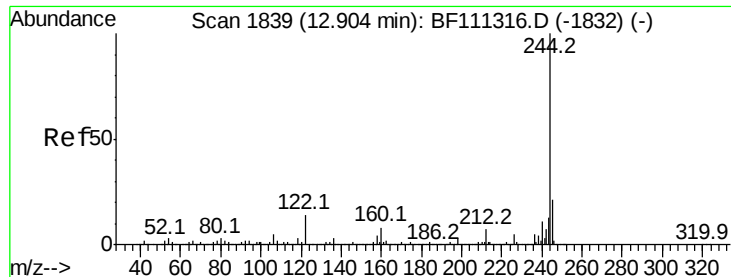
Delta R.T. -0.01 min

Lab File: BF111363.D

Acq: 13 Dec 2018 11:45

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.3	12.2	18.2
236	24.8	20.2	30.2





#79

Terphenyl-d14

Concen: 99.105 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF111363.D

Acq: 13 Dec 2018 11:45

Instrument :

BNA_F

ClientSampled :

B2-121018

Tot Ion:244 Resp: 2510956

Ion Ratio Lower Upper

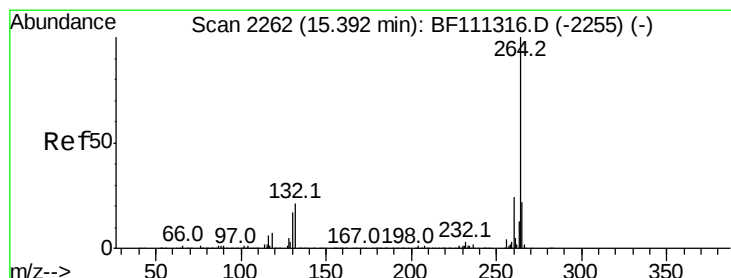
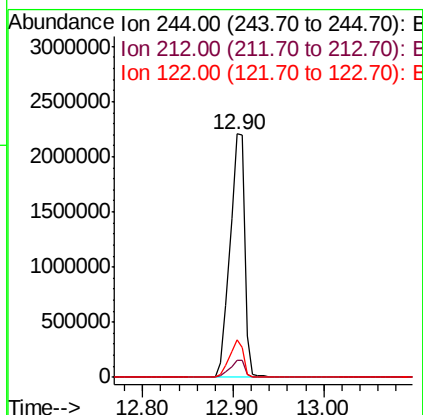
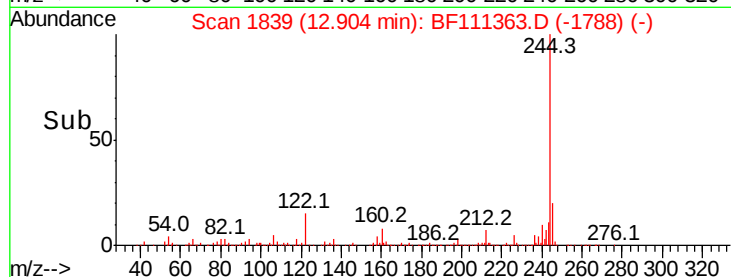
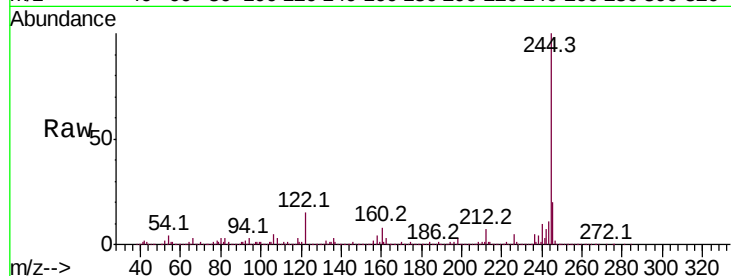
244 100

212 7.1 5.7 8.5

122 15.4 13.1 19.7

Manual Integrations
APPROVED

Sohil
12/14/2018 12:53:09 PM



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF111363.D

Acq: 13 Dec 2018 11:45

Tgt Ion:264 Resp: 459759

Ion Ratio Lower Upper

264 100

260 24.4 18.3 27.5

265 22.6 17.7 26.5

