

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111324.D
 Acq On : 12 Dec 2018 16:31
 Operator : JU/SJ
 Sample : J6186-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-9

Manual Integrations
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Sohil
 12/13/2018 6:06:02 PM

Quant Time: Dec 13 02:08:24 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	287177	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1203215	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	606455	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	1067298	20.00	ng	0.00
76) Chrysene-d12	13.94	240	607751	20.00	ng	-0.01
87) Perylene-d12	15.39	264	518533	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2040868	120.18	ng	0.00
7) Phenol-d6	6.43	99	2627861	114.77	ng	0.00
23) Nitrobenzene-d5	7.35	82	1662299	77.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	497202	93.00	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2460339	65.13	ng	0.00
79) Terphenyl-d14	12.90	244	2073633	75.10	ng	0.00
Target Compounds						
10) Phenol	6.44	94	184773	7.124	ng	89
50) Dimethylphthalate	9.54	163	337128	7.730	ng	98
77) Benzidine	12.64	184	52561m	4.583	ng	

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

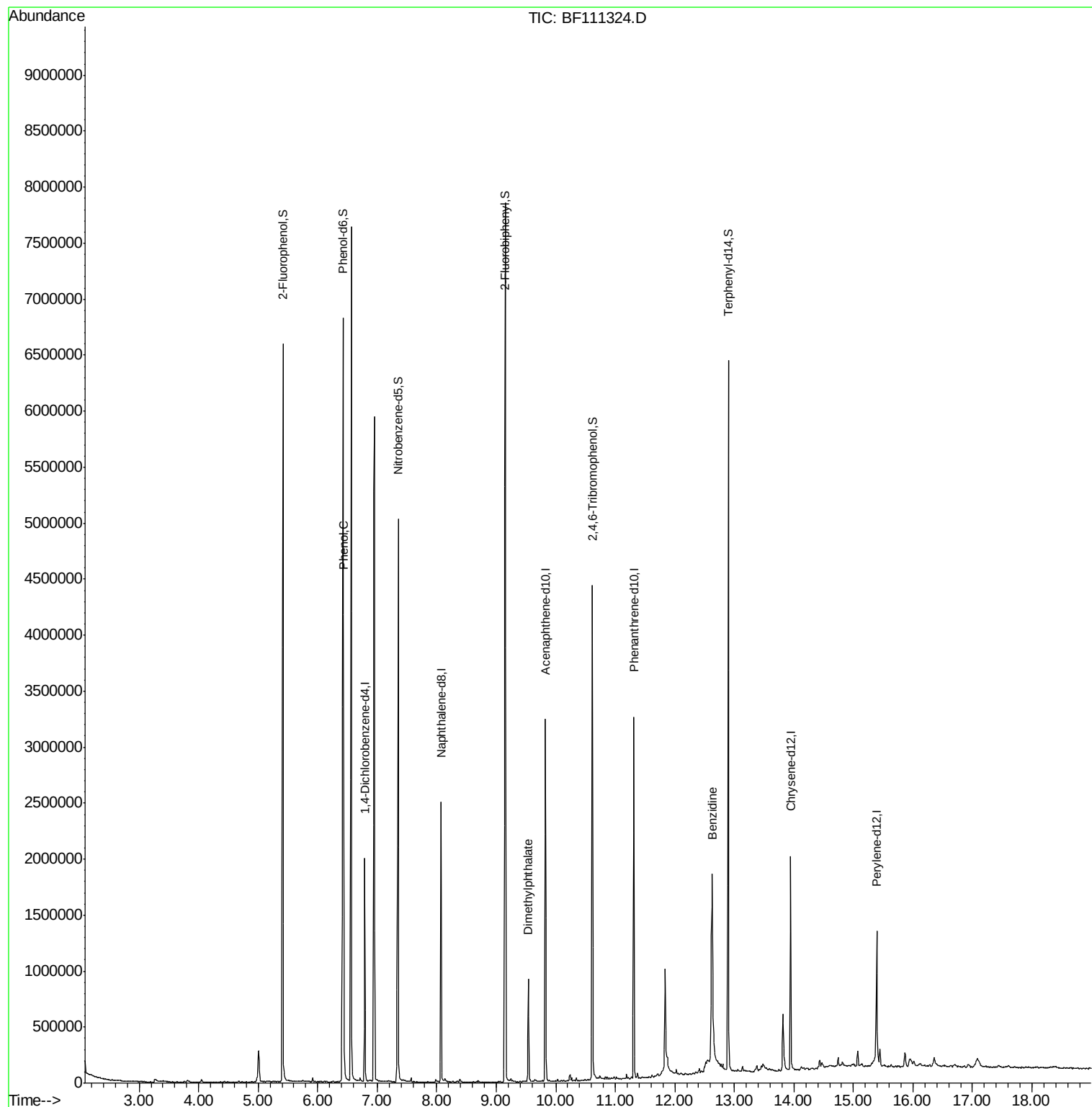
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111324.D
Acq On : 12 Dec 2018 16:31
Operator : JU/SJ
Sample : J6186-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

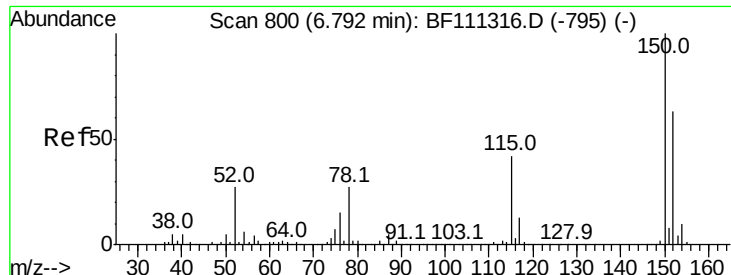
Instrument :
BNA_F
ClientSampleId :
DW-9

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Quant Time: Dec 13 02:08:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

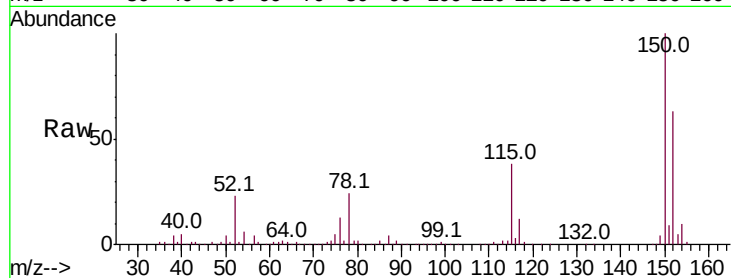
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Instrument :
BNA_F
ClientSampled :
DW-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.6	189.8
115	59.8	50.7	76.1

Manual Integrations
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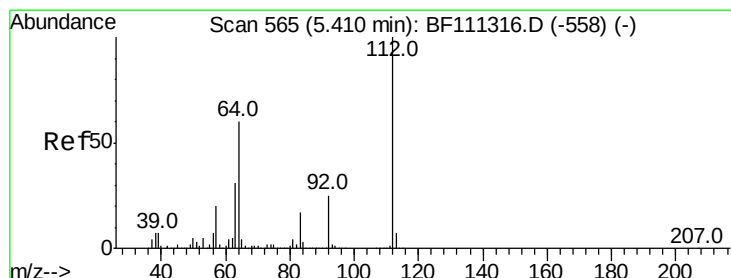
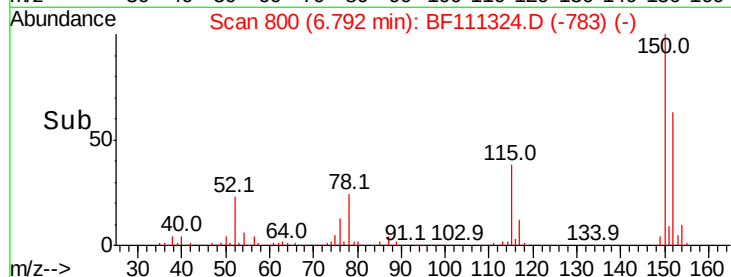
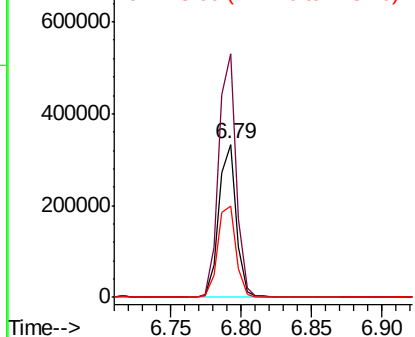


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

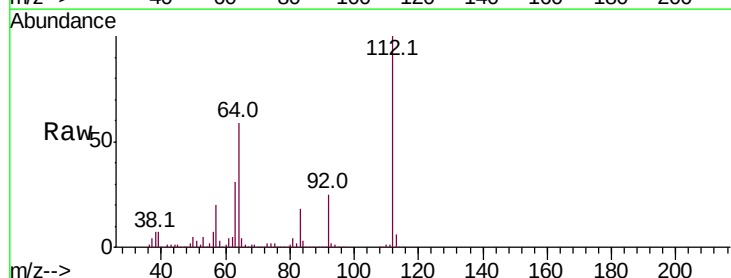
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.176 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	51.8	77.6
63	31.3	26.8	40.2

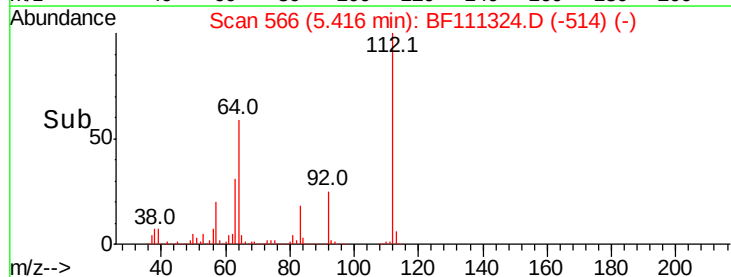
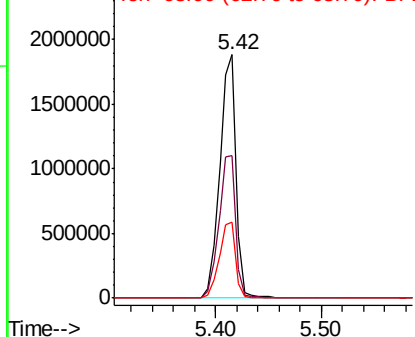


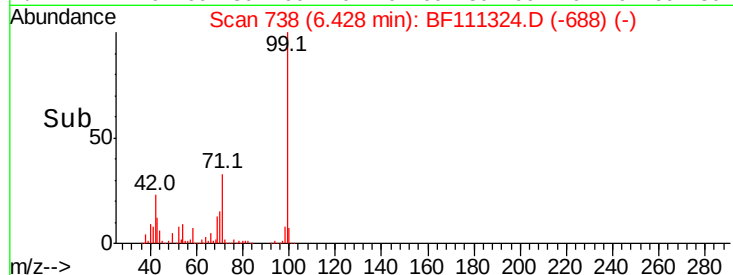
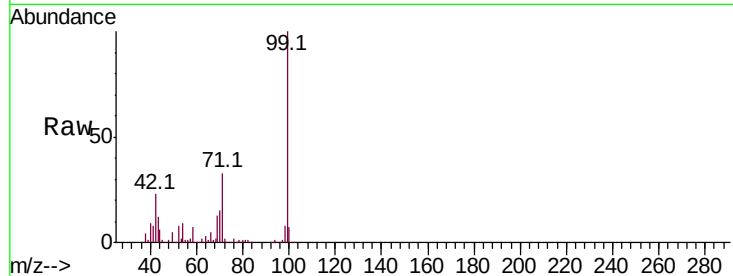
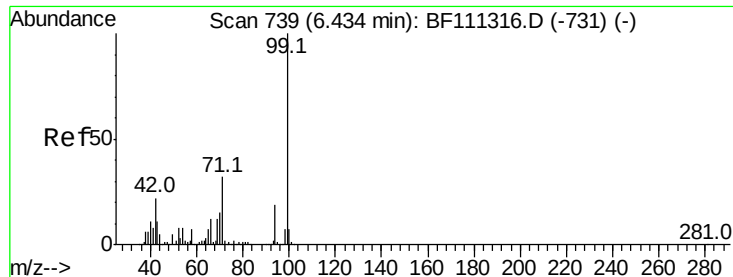
Abundance

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: 114.770 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Tot Ion	99	Resp	2627861
Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.4	26.0
71	33.4	26.1	39.1

Instrument :

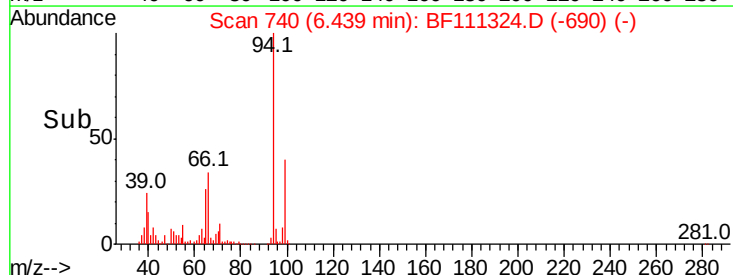
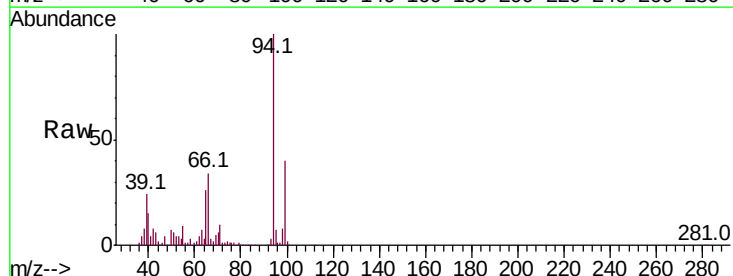
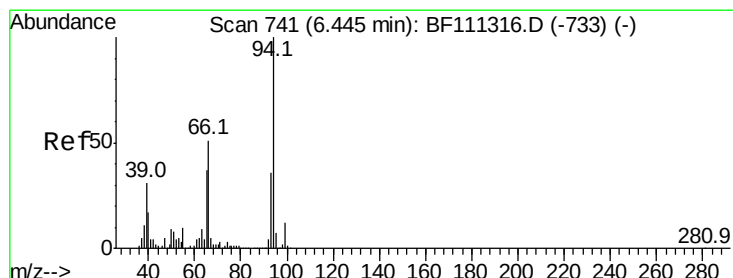
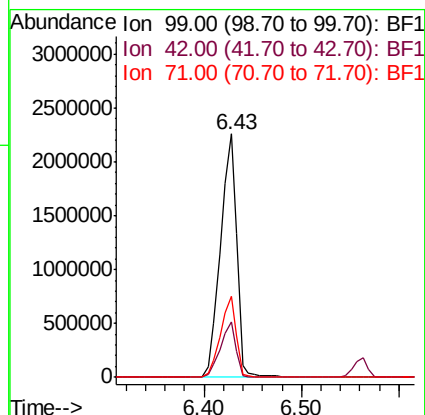
BNA_F

ClientSampled :

DW-9

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#10

Phenol

Concen: 7.124 ng

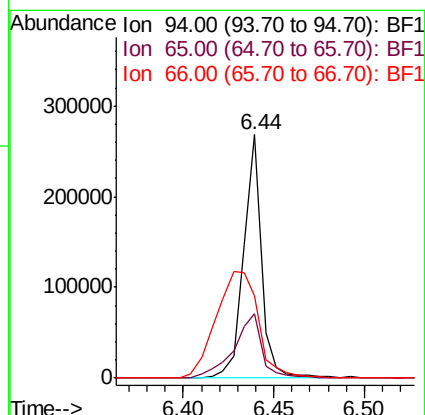
RT: 6.44 min Scan# 740

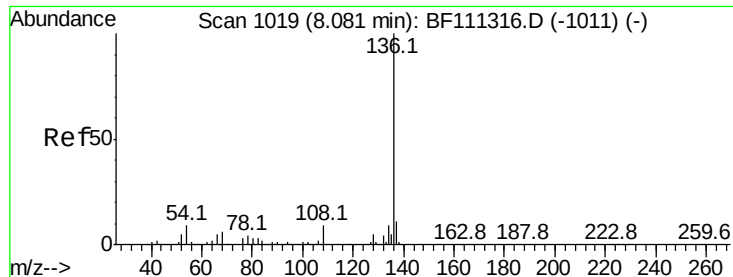
Delta R.T. -0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Tgt Ion	94	Resp	184773
Ion	Ratio	Lower	Upper
94	100		
65	26.2	11.7	51.7
66	34.0	21.0	61.0





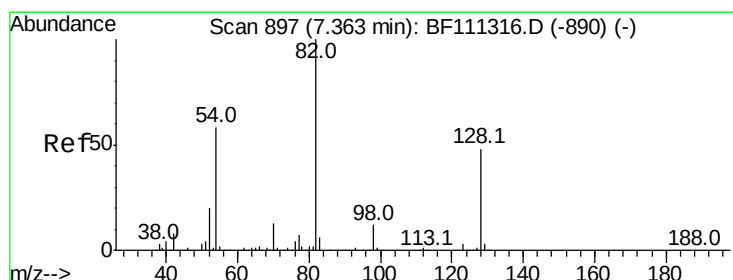
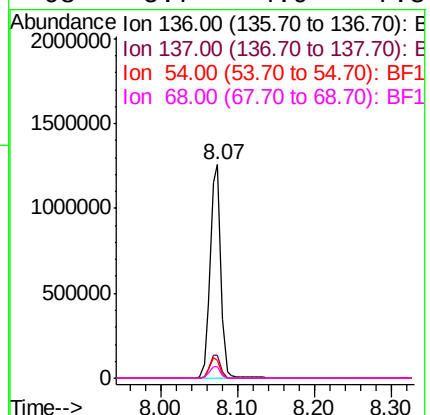
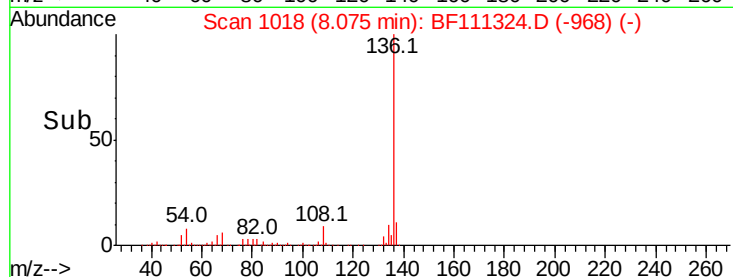
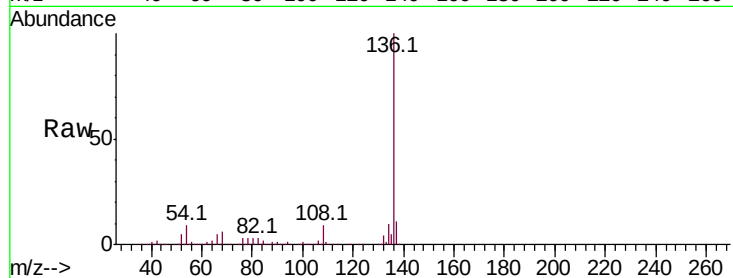
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Instrument :
BNA_F
ClientSampleId :
DW-9

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.5	7.7	11.5
68	5.7	4.9	7.3

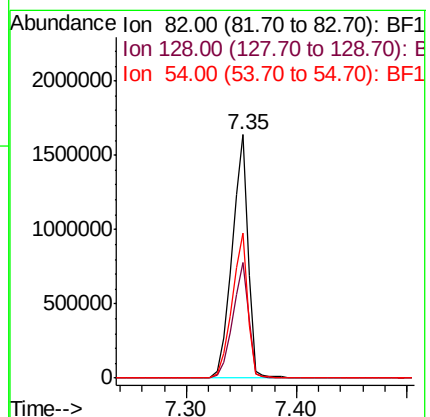
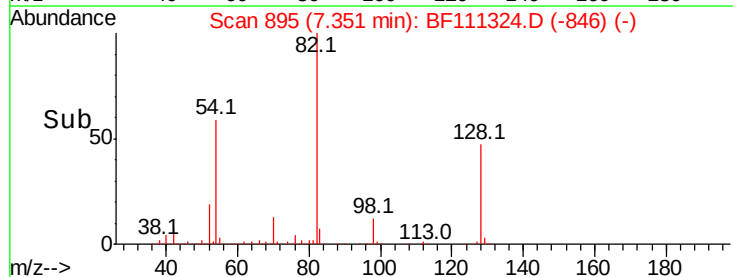
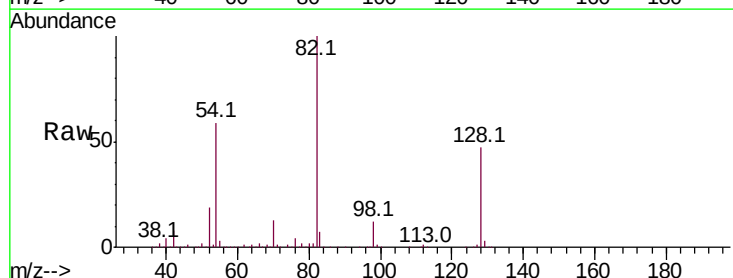
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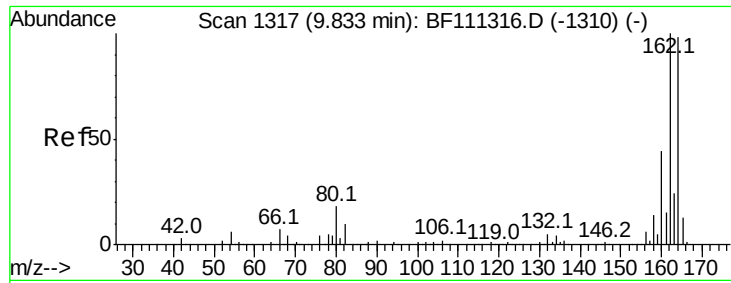
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#23
Nitrobenzene-d5
Concen: 77.869 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.4	56.2
54	59.5	47.6	71.4





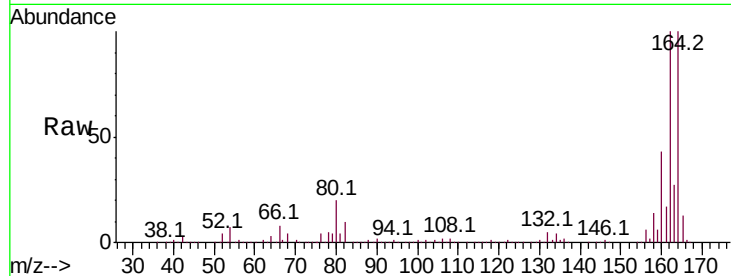
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Instrument :
BNA_F
ClientSampled :
DW-9

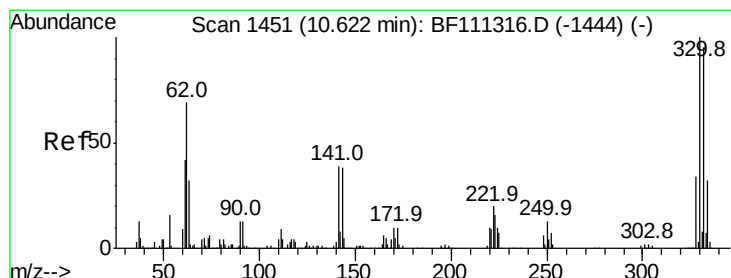
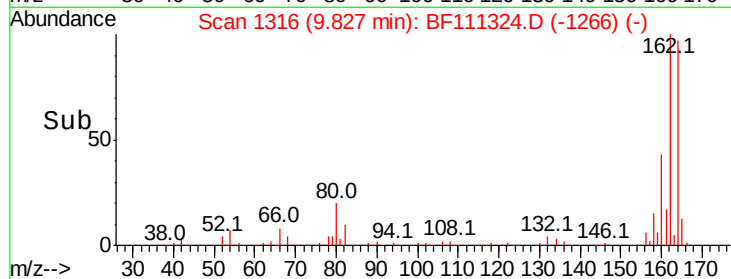
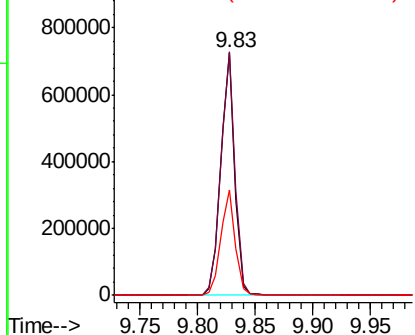
Tot Ion	Ratio	Resp	Lower	Upper
164	100	606455		
162	100.4	81.4	122.0	
160	43.6	35.7	53.5	

Manual Integrations
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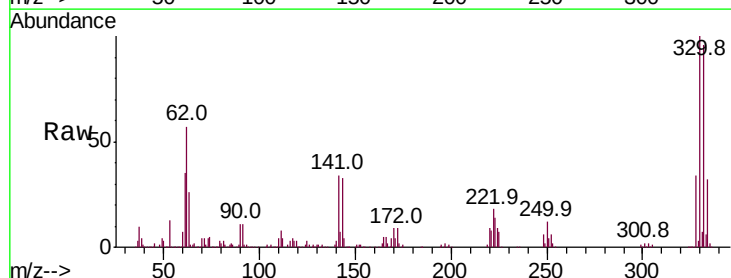


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

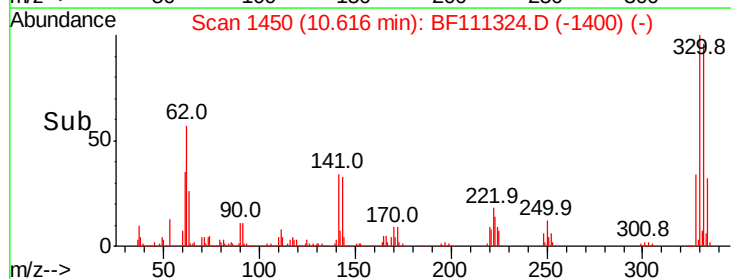
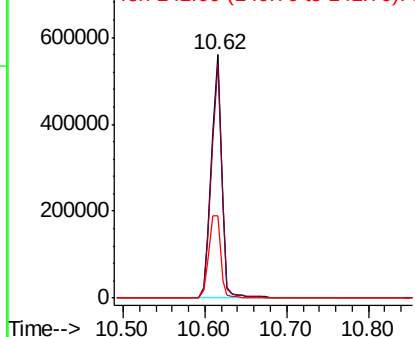


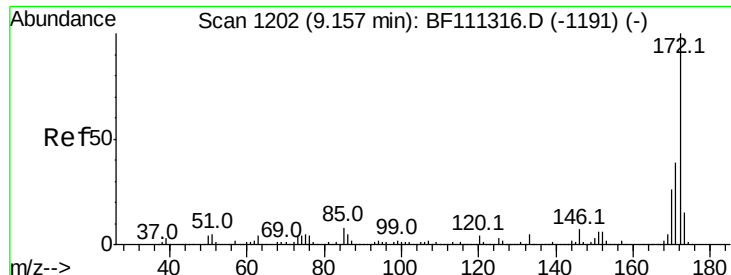
#42
2,4,6-Tribromophenol
Concen: 93.005 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	497202		
332	95.6	76.0	114.0	
141	38.9	31.0	46.6	



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





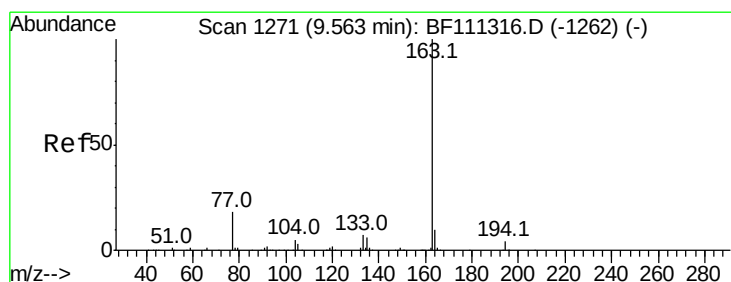
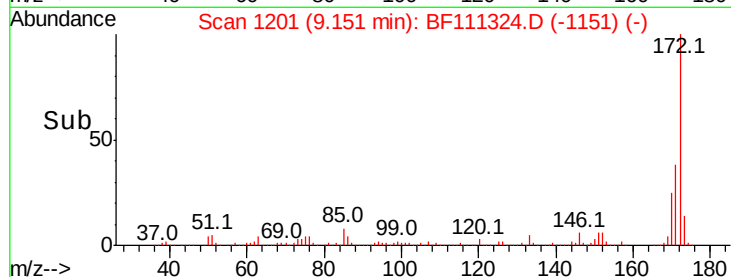
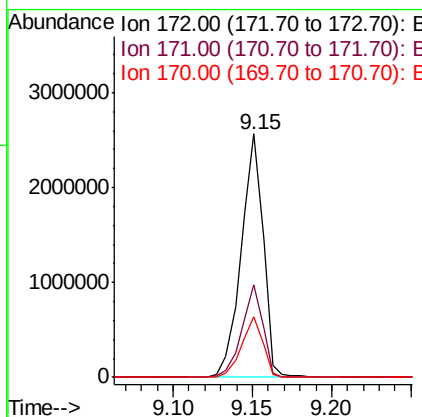
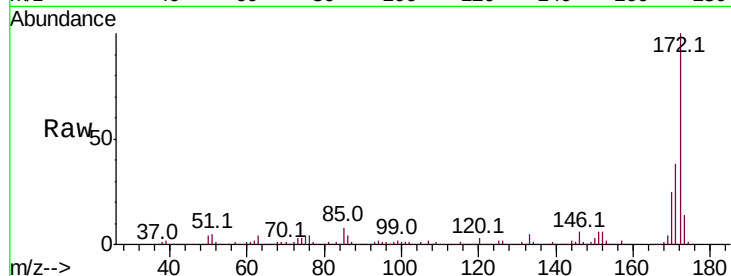
#45
2-Fluorobiphenyl
Concen: 65.133 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Instrument :
BNA_F
ClientSampleId :
DW-9

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	33.0	49.4
170	25.0	22.3	33.5

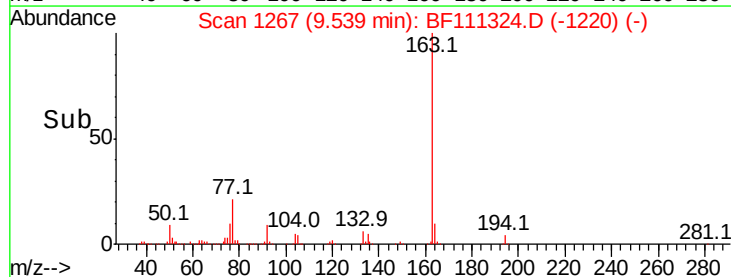
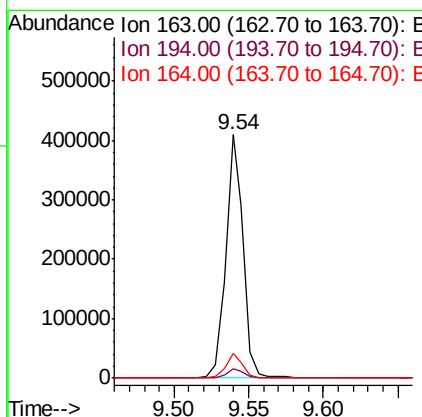
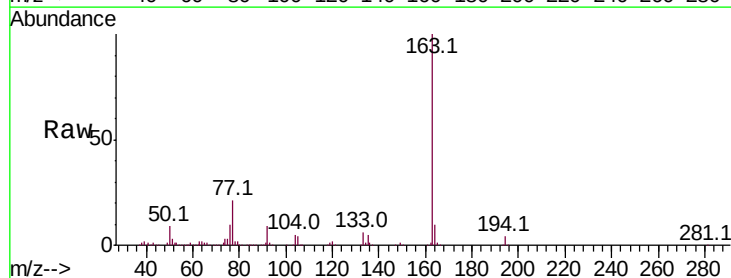
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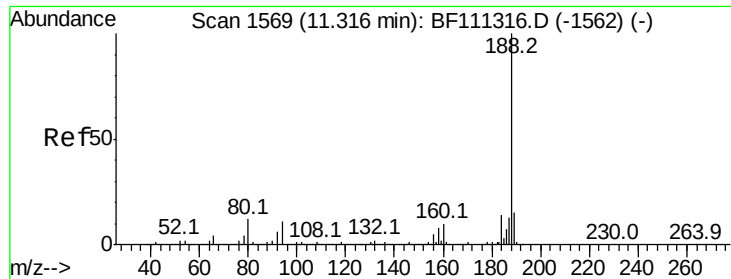
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#50
Dimethylphthalate
Concen: 7.730 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.0	8.9	13.3





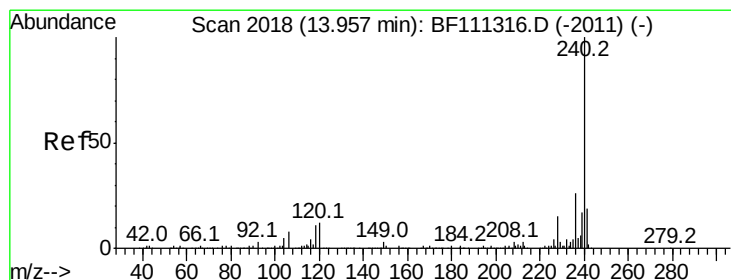
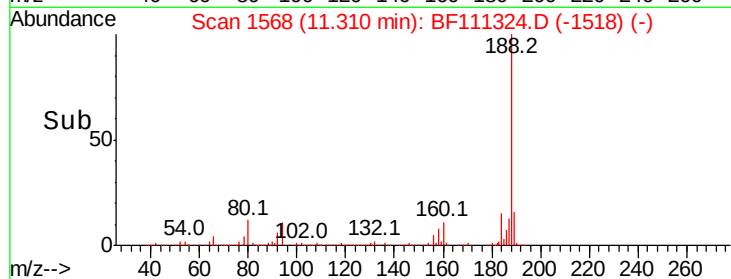
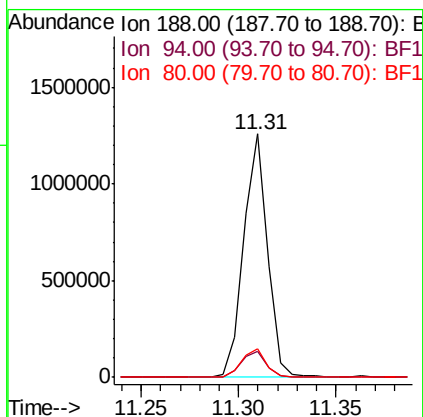
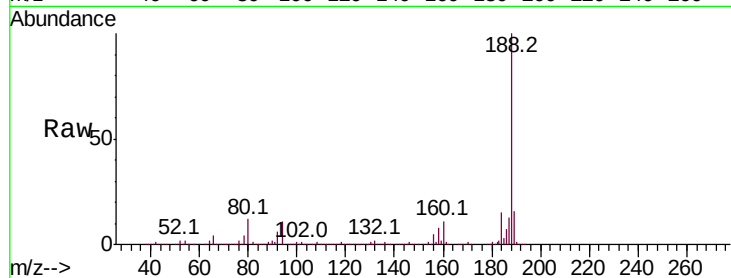
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Instrument :
BNA_F
ClientSampleId :
DW-9

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.6	14.4
80	11.8	9.8	14.6

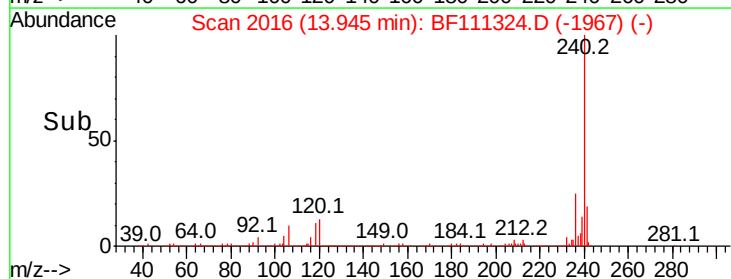
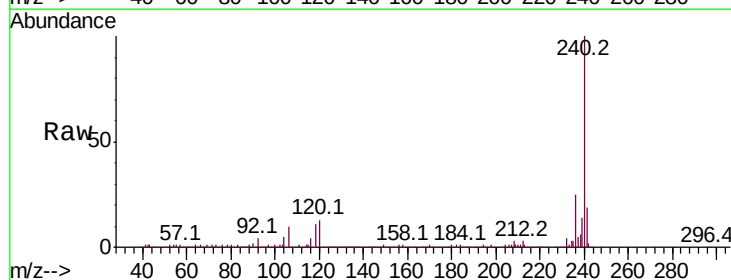
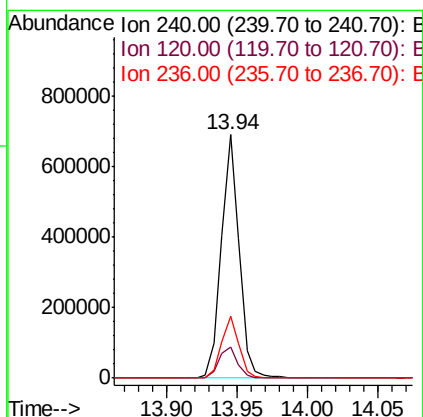
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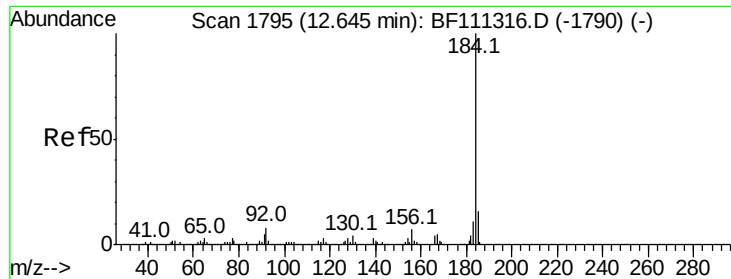
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111324.D
Acq: 12 Dec 2018 16:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	12.2	18.2
236	25.3	20.2	30.2





#77

Benzidine

Concen: 4.583 ng/mL

RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Instrument :

BNA_F

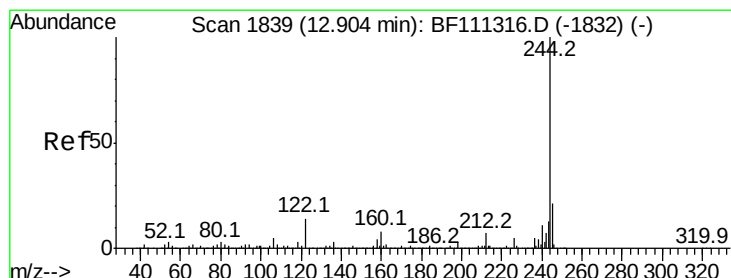
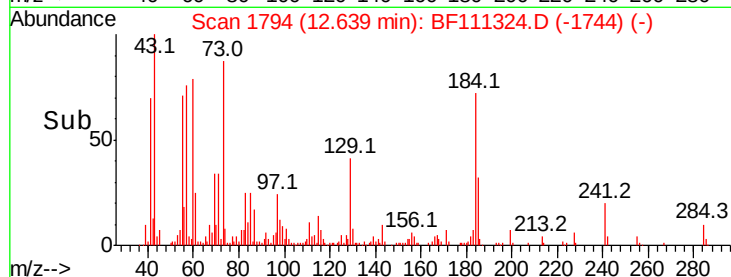
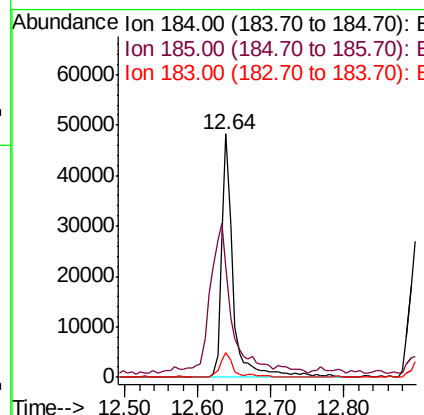
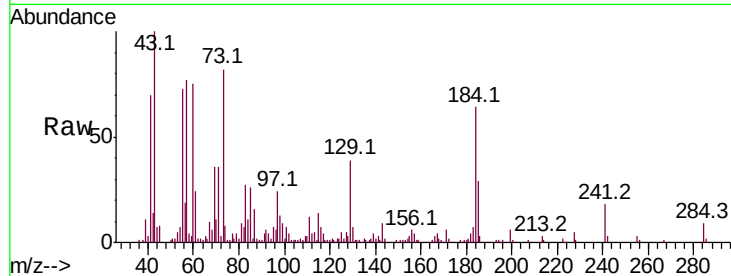
ClientSampled :

DW-9

Tot Ion:	184	Resp:	52561
Ion Ratio	Lower	Upper	
184	100		
185	45.2	13.0	19.6#
183	10.2	9.3	13.9

Manual Integrations
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#79

Terphenyl-d14

Concen: 75.096 ng/mL

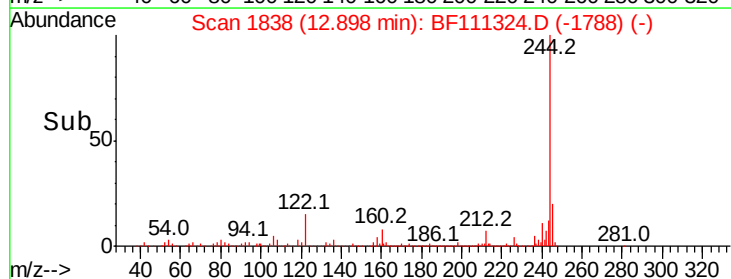
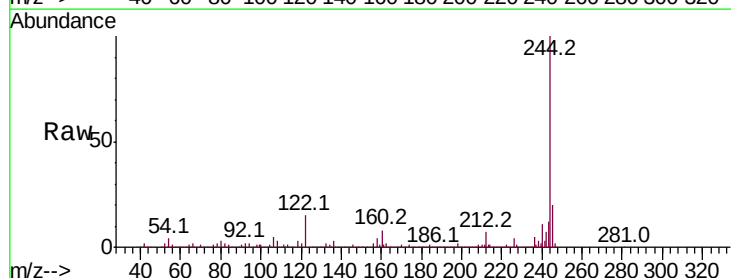
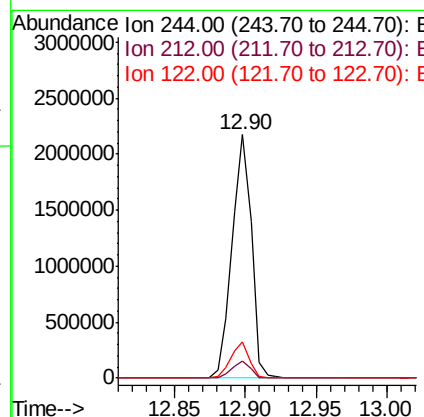
RT: 12.90 min Scan# 1838

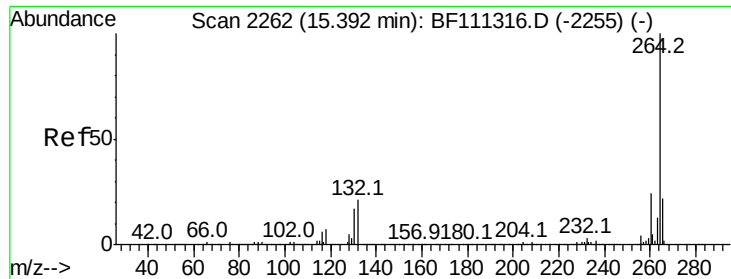
Delta R.T. -0.01 min

Lab File: BF111324.D

Acq: 12 Dec 2018 16:31

Tgt Ion:	244	Resp:	2073633
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.7	8.5
122	14.8	13.1	19.7





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BF111324.D
 Acq: 12 Dec 2018 16:31

Instrument :
 BNA_F
 ClientSampleId :
 DW-9

Tot Ion:	264	Resp:	518533
Ion Ratio		Lower	Upper
264	100		
260	22.3	18.3	27.5
265	21.1	17.7	26.5

Manual Integrations
 APPROVED

Sohil
 12/13/2018 6:06:02 PM

