

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098315.D
 Acq On : 7 Sep 2017 15:57
 Operator : SJ/JU
 Sample : I5075-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12020

Manual Integrations
 APPROVED

Sohil
 9/8/2017 5:45:12 PM

Quant Time: Sep 07 17:32:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	121778	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	480302	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	203516	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	338427	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	271970	20.00	ng	-0.02
86) Perylene-d12	15.25	264	227139	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	575239	71.85	ng	-0.01
7) Phenol-d6	6.33	99	793268	72.92	ng	-0.02
23) Nitrobenzene-d5	7.25	82	480393	54.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	119971	67.94	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	591813	42.72	ng	-0.02
78) Terphenyl-d14	12.79	244	355093	27.23	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.45	163	134885	9.067	ng	99
70) Phenanthrene	11.23	178	39110	2.169	ng	97
74) Fluoranthene	12.42	202	40016	2.126	ng	100

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

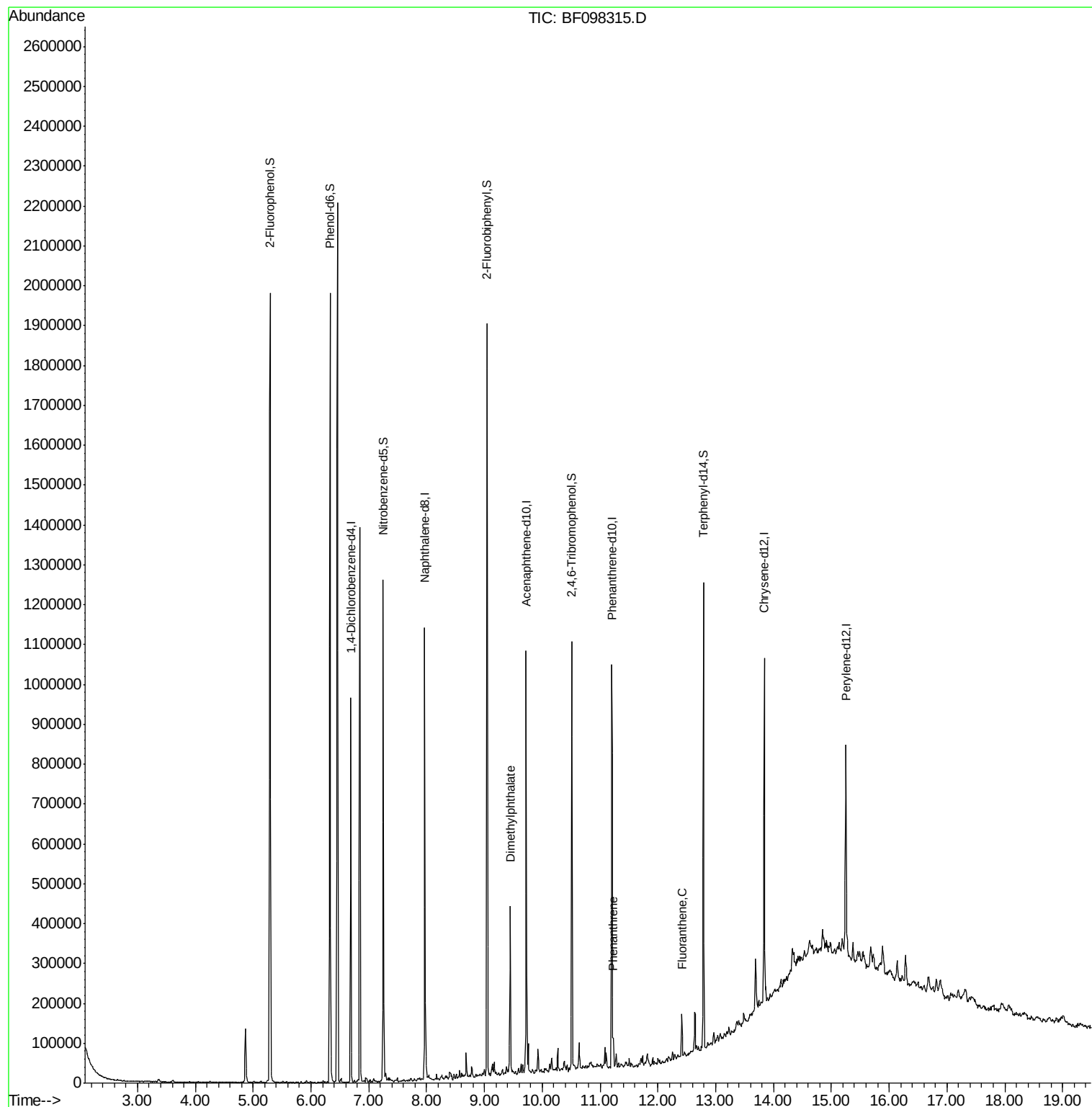
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098315.D
Acq On : 7 Sep 2017 15:57
Operator : SJ/JU
Sample : I5075-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

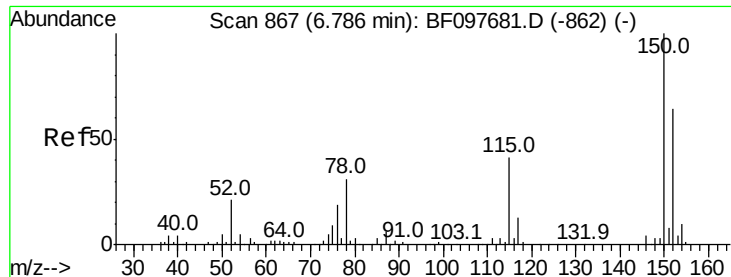
Instrument :
BNA_F
ClientSampled :
72-12020

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Quant Time: Sep 07 17:32:40 2017
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#1

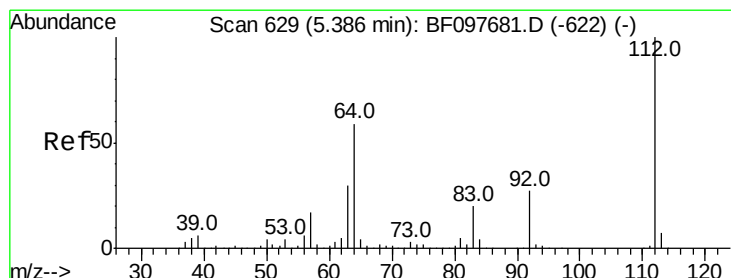
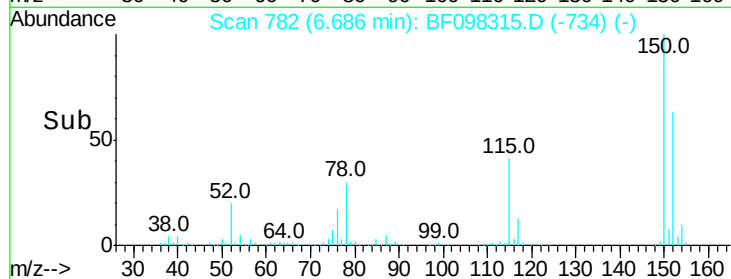
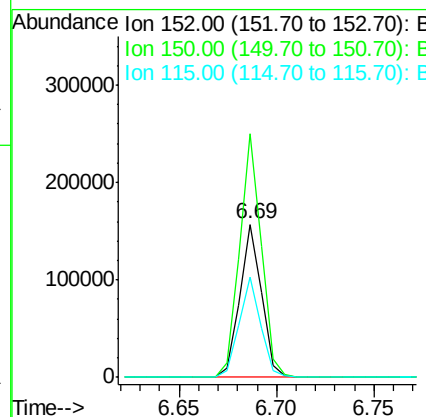
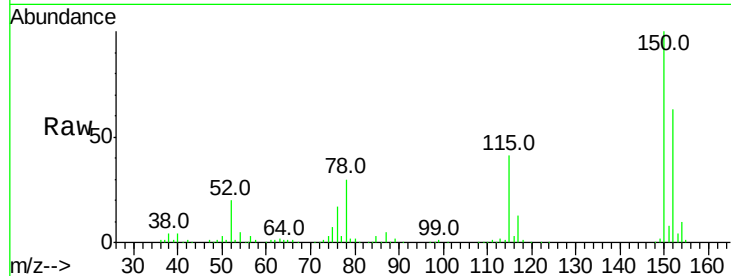
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098315.D
Acq: 7 Sep 2017 15:57

Instrument :
BNA_F
ClientSampleId :
72-12020

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	65.7	52.2	78.2

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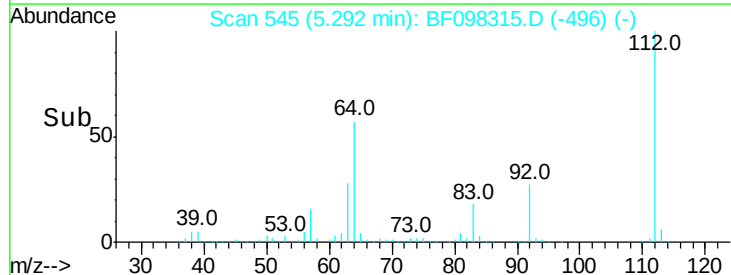
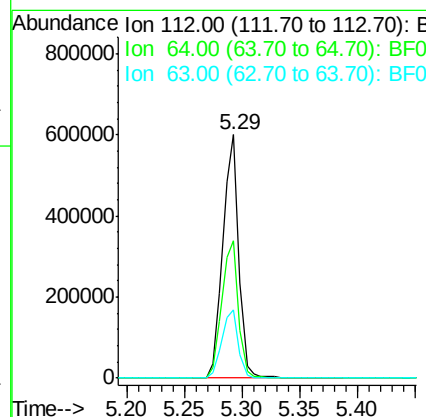
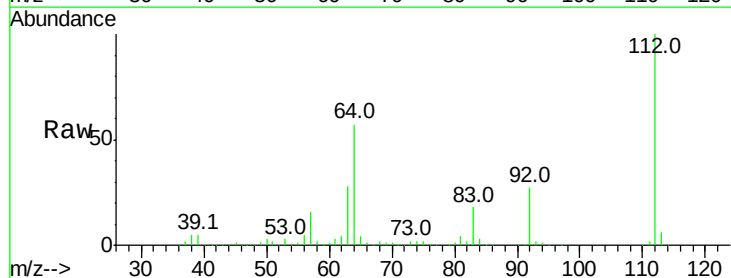
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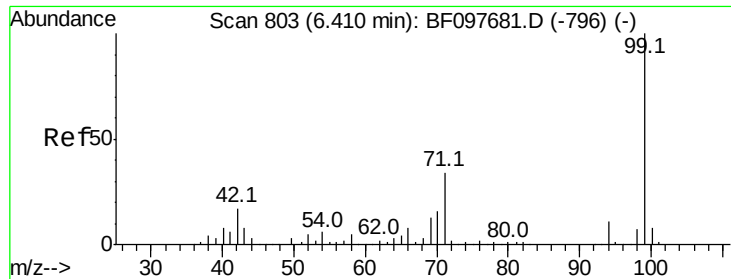


#5

2-Fluorophenol
Concen: 71.851 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098315.D
Acq: 7 Sep 2017 15:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.0	69.0
63	28.1	23.4	35.0





#7

Phenol-d6

Concen: 72.925 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098315.D

Acq: 7 Sep 2017 15:57

Instrument :

BNA_F

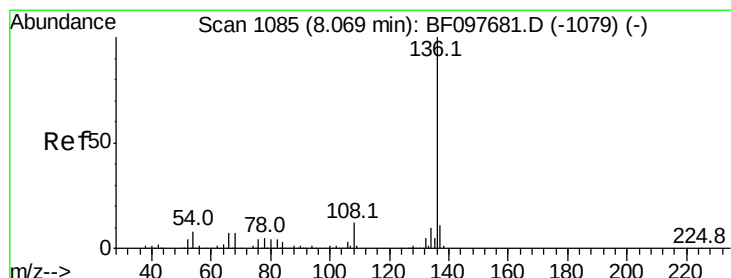
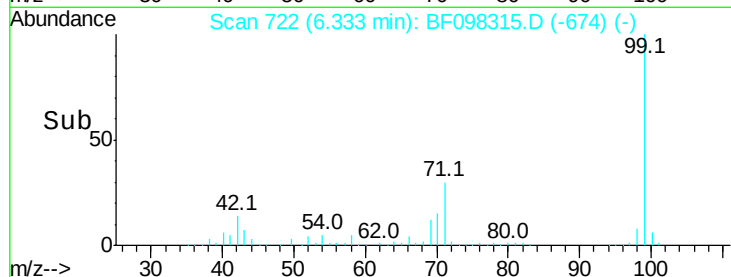
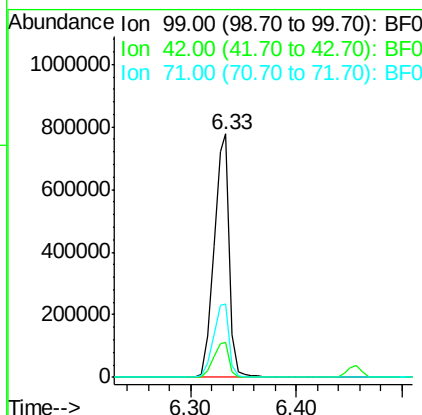
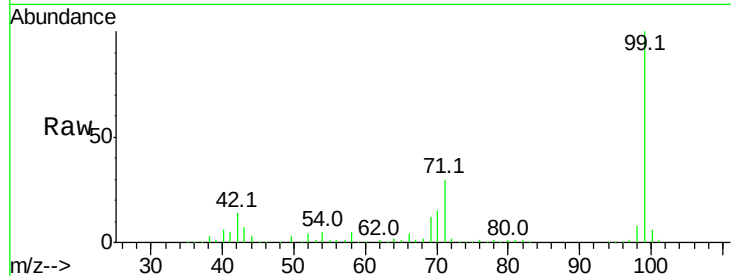
ClientSampled :

72-12020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		793268		
42	14.4	13.5	20.3		
71	30.3	24.5	36.7		

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

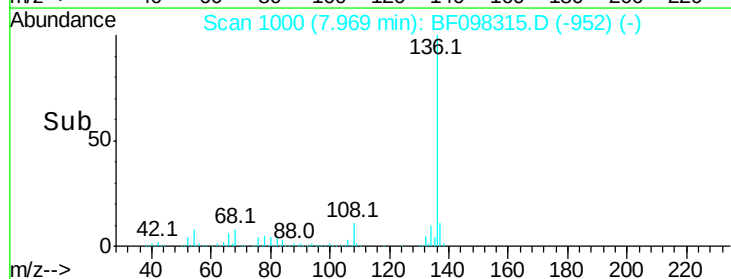
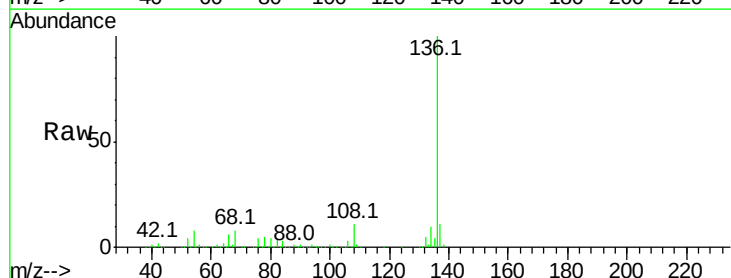
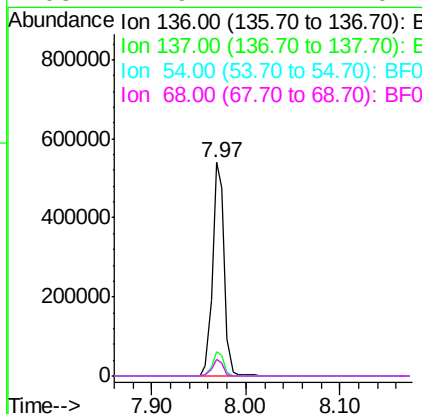
RT: 7.97 min Scan# 1000

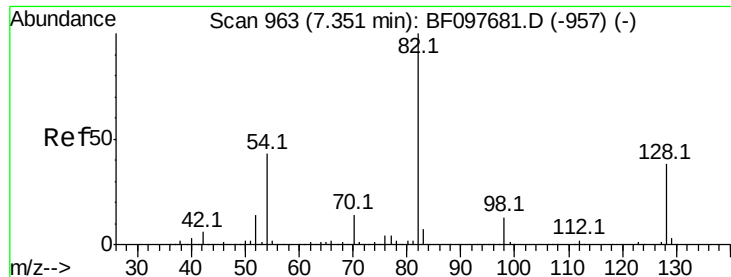
Delta R.T. -0.02 min

Lab File: BF098315.D

Acq: 7 Sep 2017 15:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		480302		
137	11.2	8.5	12.7		
54	8.0	4.9	7.3#		
68	7.9	4.1	6.1#		





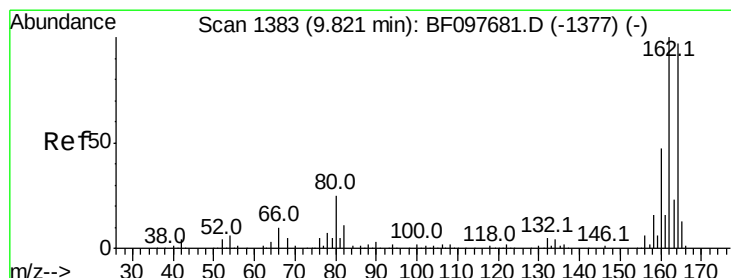
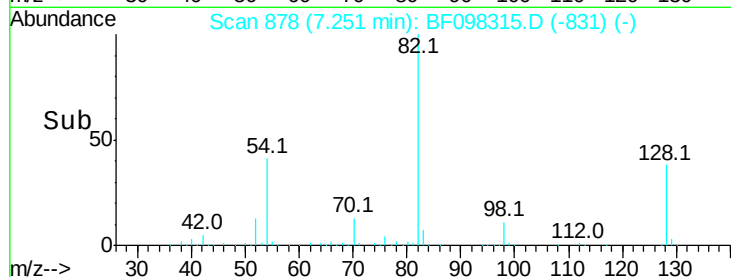
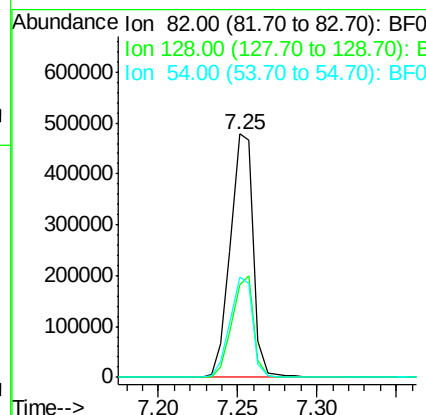
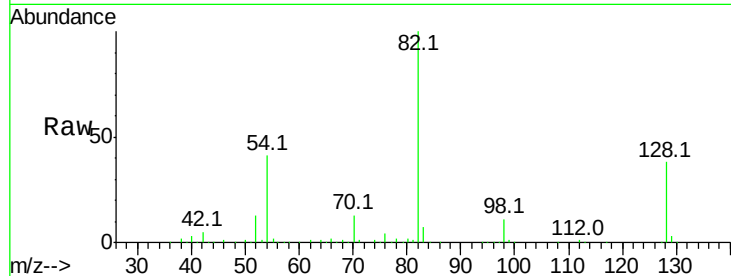
#23
 Nitrobenzene-d5
 Concen: 54.335 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF098315.D
 Acq: 7 Sep 2017 15:57

Instrument :
 BNA_F
 ClientSampleId :
 72-12020

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.9	34.0	51.0
54	41.3	42.2	63.2#

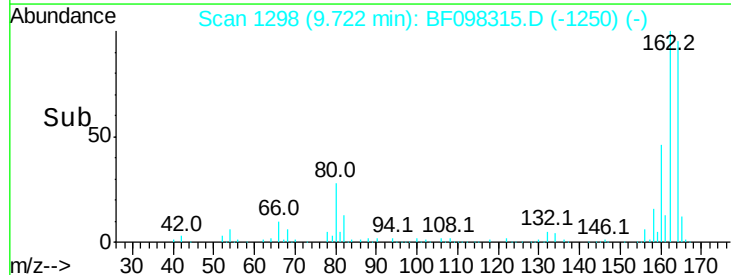
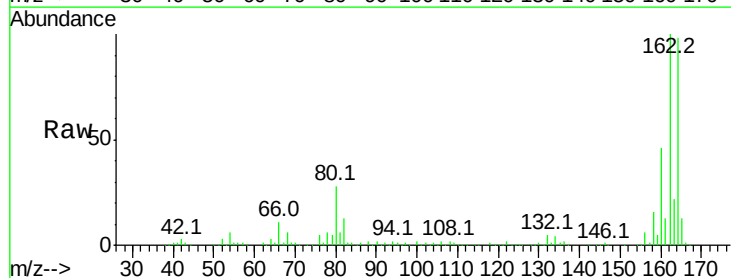
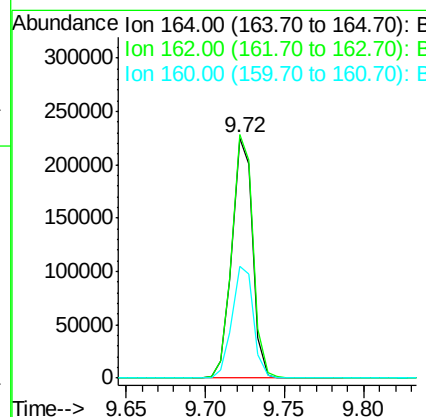
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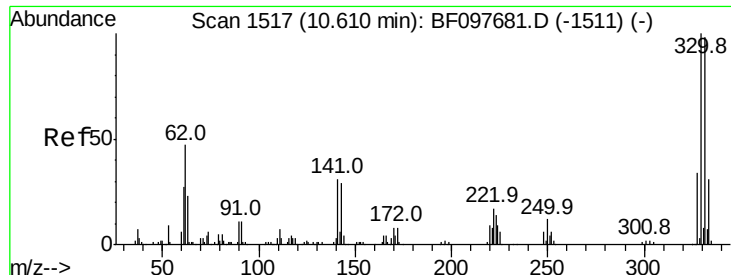
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF098315.D
 Acq: 7 Sep 2017 15:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	46.8	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 67.940 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF098315.D

Acq: 7 Sep 2017 15:57

Instrument :

BNA_F

ClientSampleId :

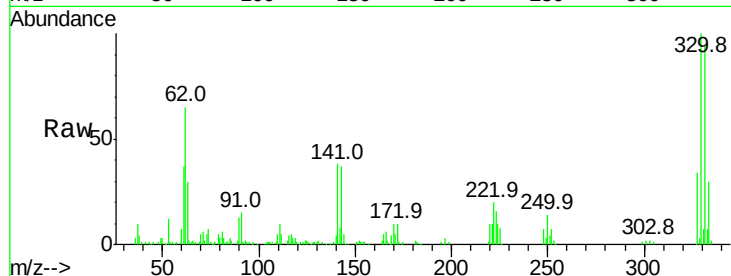
72-12020

Tot Ion:	330	Resp:	119971
Ion Ratio	Lower	Upper	
330	100		
332	94.6	76.6	115.0
141	36.8	31.4	47.2

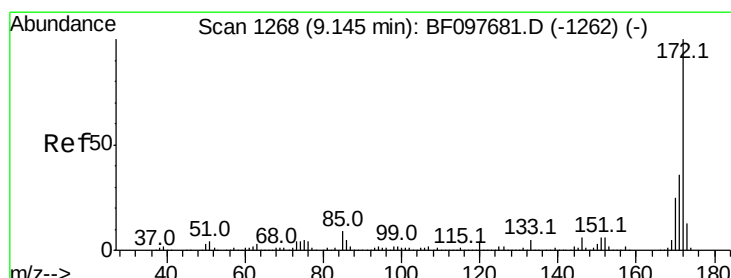
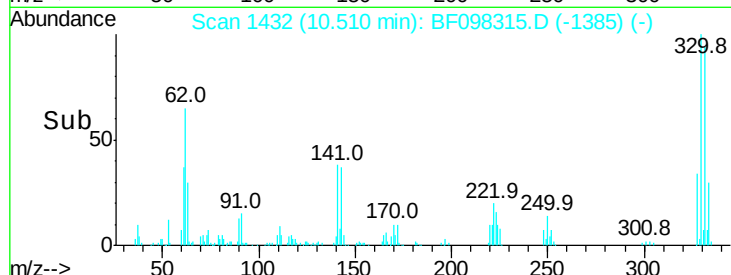
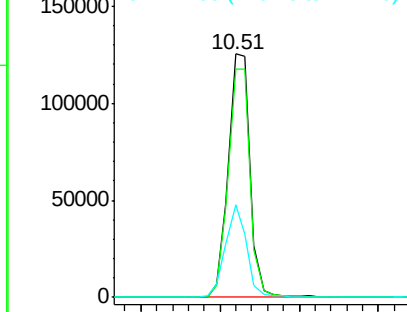
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 42.724 ng

RT: 9.05 min Scan# 1184

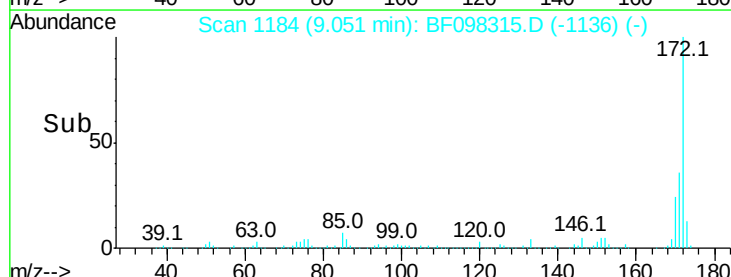
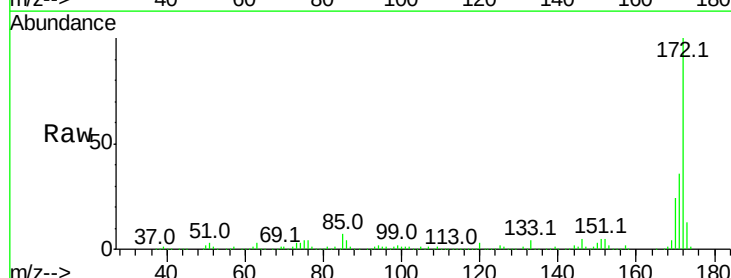
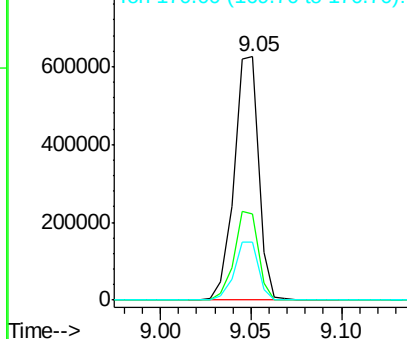
Delta R.T. -0.02 min

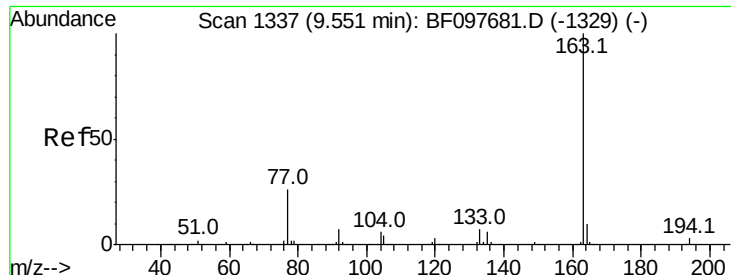
Lab File: BF098315.D

Acq: 7 Sep 2017 15:57

Tgt Ion:	172	Resp:	591813
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.6	44.4
170	23.8	19.8	29.8

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





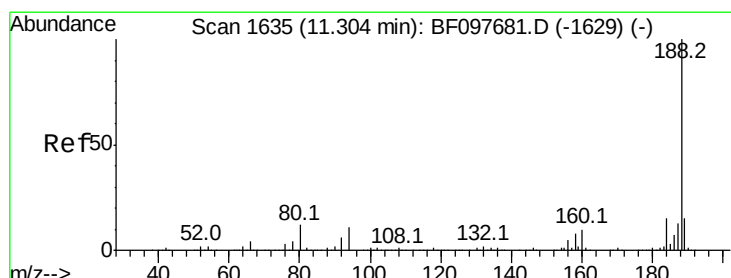
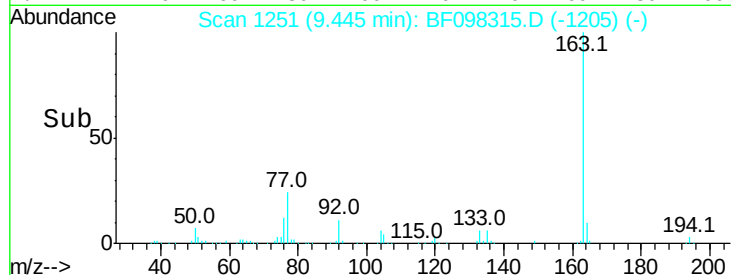
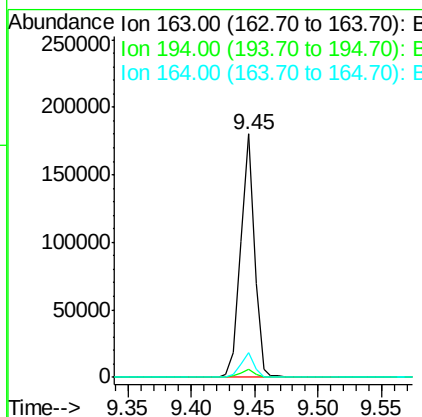
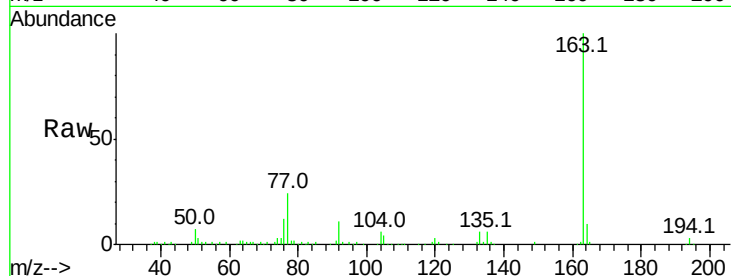
#49
Dimethylphthalate
Concen: 9.067 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098315.D
Acq: 7 Sep 2017 15:57

Instrument :
BNA_F
ClientSampleId :
72-12020

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	9.9	8.4	12.6	

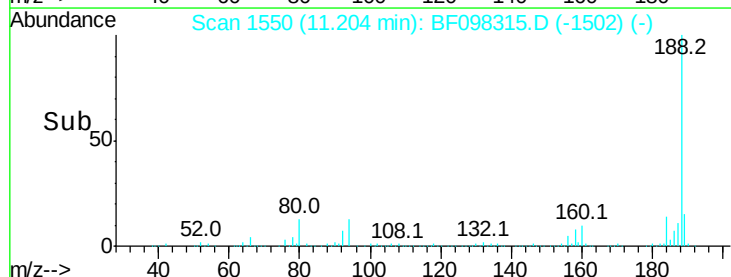
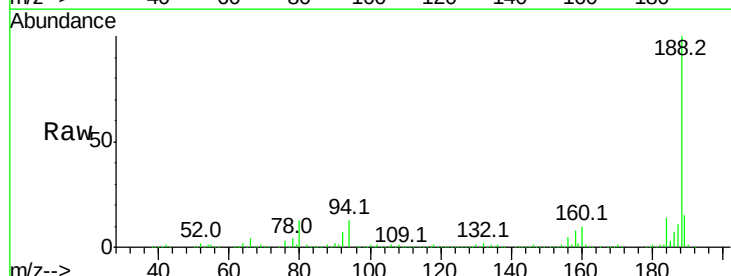
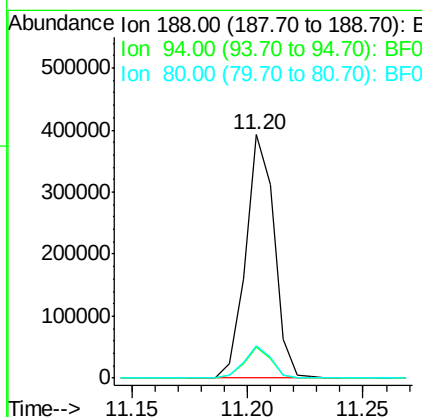
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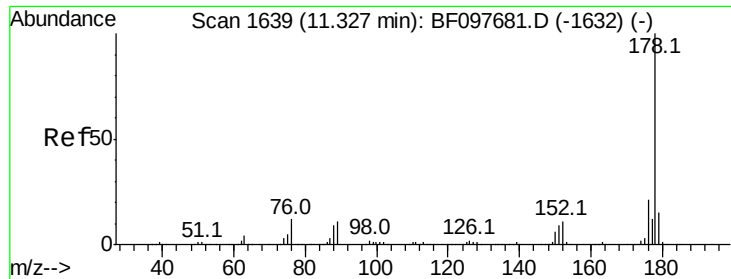
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BF098315.D
Acq: 7 Sep 2017 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.7	9.4	14.2	
80	13.4	10.2	15.2	





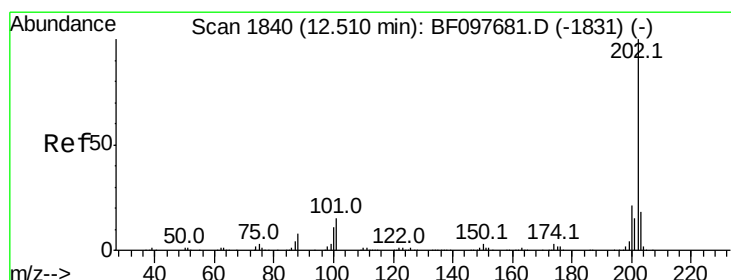
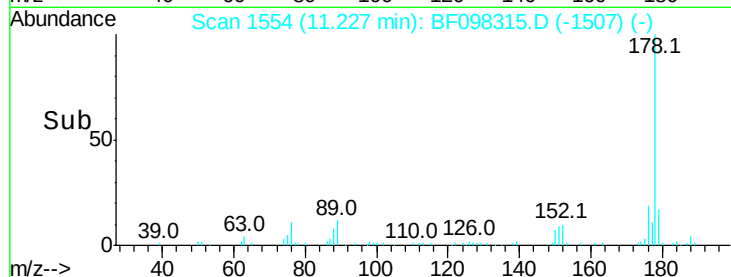
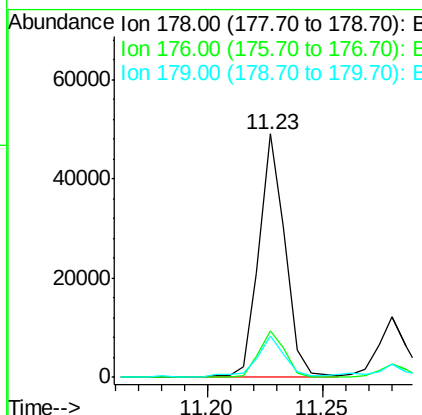
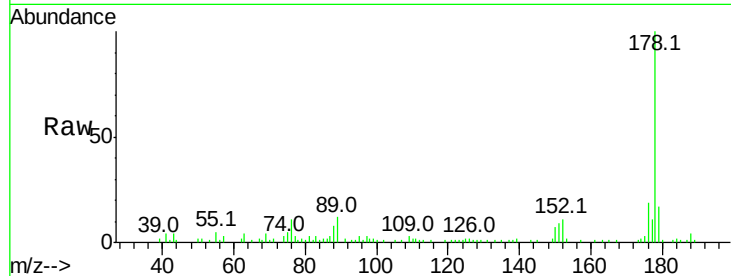
#70
Phenanthrene
Concen: 2.169 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF098315.D
Acq: 7 Sep 2017 15:57

Instrument :
BNA_F
ClientSampleId :
72-12020

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	16.8	12.6	19.0

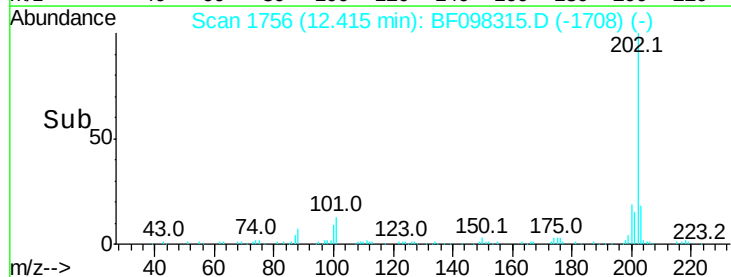
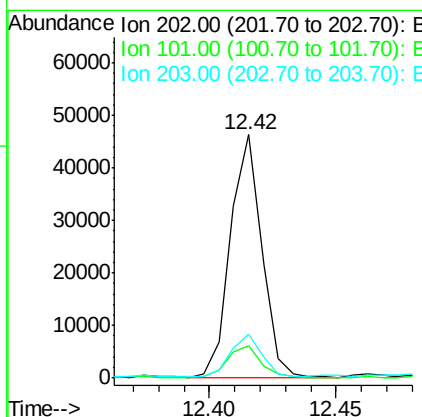
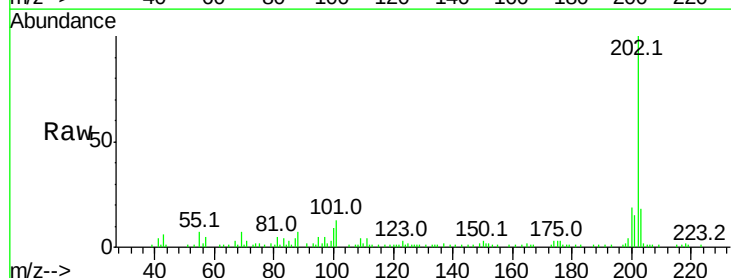
Manual Integrations
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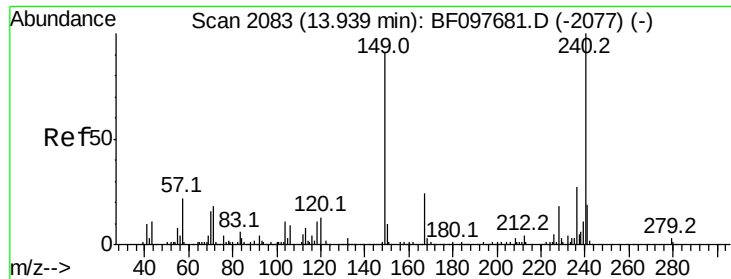
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#74
Fluoranthene
Concen: 2.126 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BF098315.D
Acq: 7 Sep 2017 15:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF098315.D

Acq: 7 Sep 2017 15:57

Instrument :

BNA_F

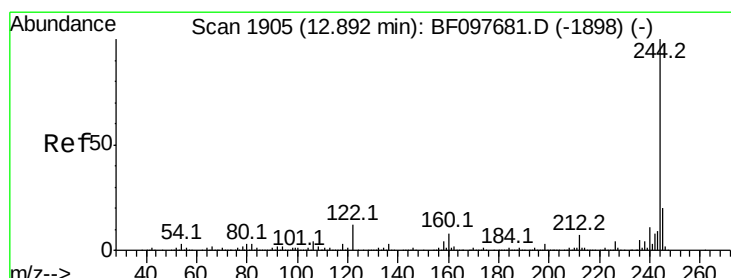
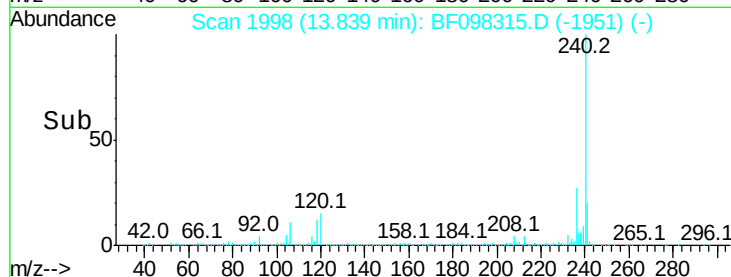
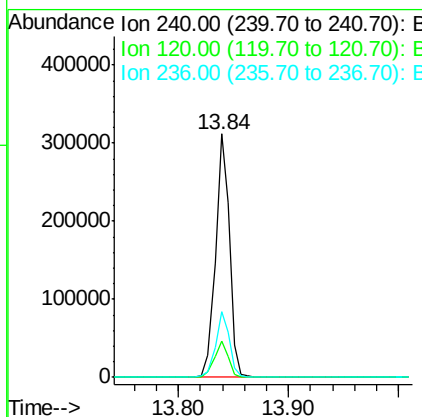
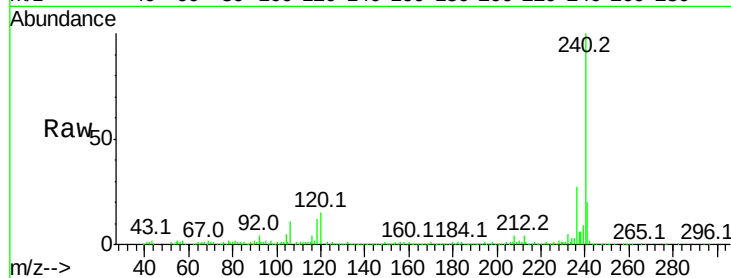
ClientSampleId :

72-12020

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	26.8	20.5	30.7

Manual Integrations
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#78

Terphenyl-d14

Concen: 27.227 ng

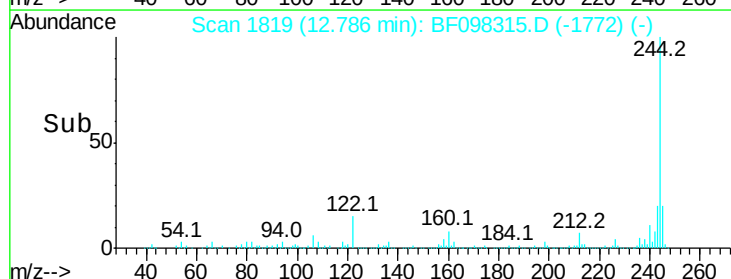
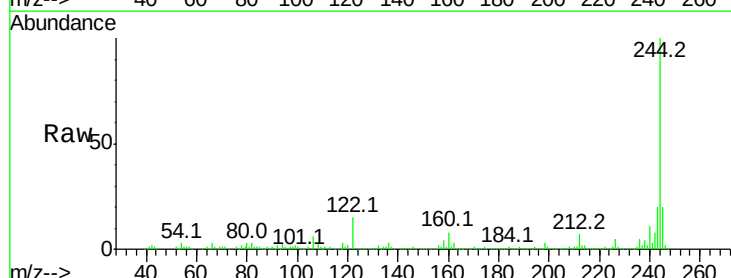
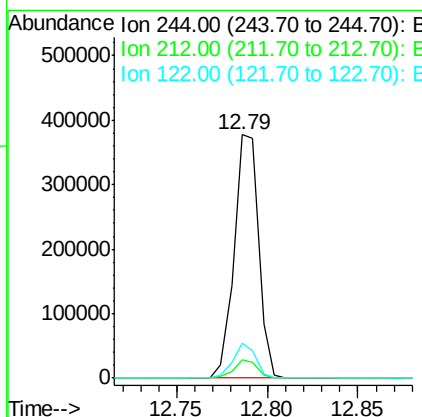
RT: 12.79 min Scan# 1819

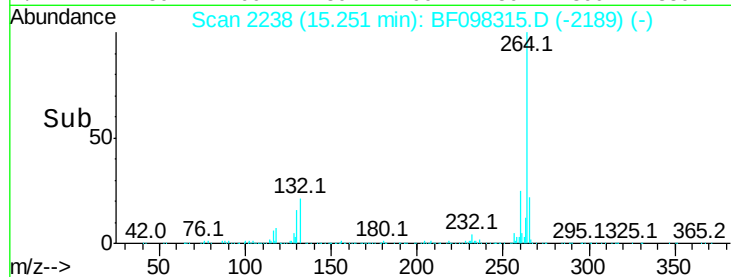
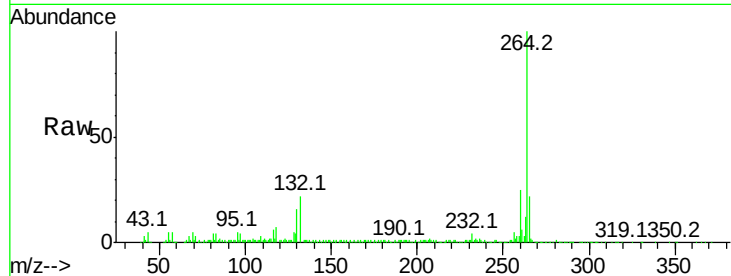
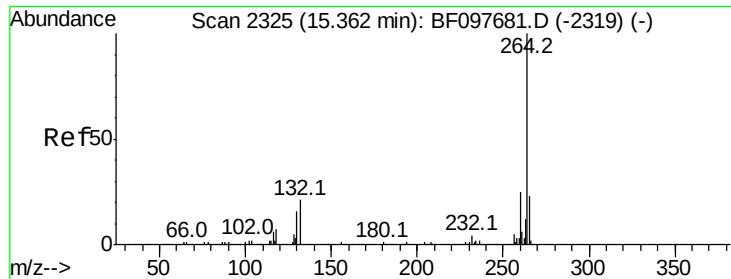
Delta R.T. -0.02 min

Lab File: BF098315.D

Acq: 7 Sep 2017 15:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.6	10.3	15.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098315.D
Acq: 7 Sep 2017 15:57

Instrument :
BNA_F
ClientSampleId :
72-12020

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.0	17.2	25.8

Manual Integrations
APPROVED

Sohil
9/8/2017 5:45:12 PM

