

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097747.D
 Acq On : 16 Aug 2017 19:08
 Operator : SJ/JU
 Sample : I4793-07 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-081417-C

Manual Integrations
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Sohil
 8/17/2017 5:57:46 PM

Quant Time: Aug 17 05:42:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	139343	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	535479	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	224221	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	363542	20.00	ng	0.00
75) Chrysene-d12	13.93	240	293755	20.00	ng	0.00
86) Perylene-d12	15.37	264	258840	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	209147	22.83	ng	-0.01
7) Phenol-d6	6.40	99	278364	22.36	ng	-0.01
23) Nitrobenzene-d5	7.33	82	161429	16.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	37455	19.25	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	260237	17.05	ng	0.00
78) Terphenyl-d14	12.89	244	165827	11.77	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	44315	2.704	ng	Qvalue # 98
74) Fluoranthene	12.51	202	46528	2.301	ng	95
77) Pyrene	12.74	202	50054	2.083	ng	94
87) Benzo(b)fluoranthene	14.96	252	37343m	2.289	ng	

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

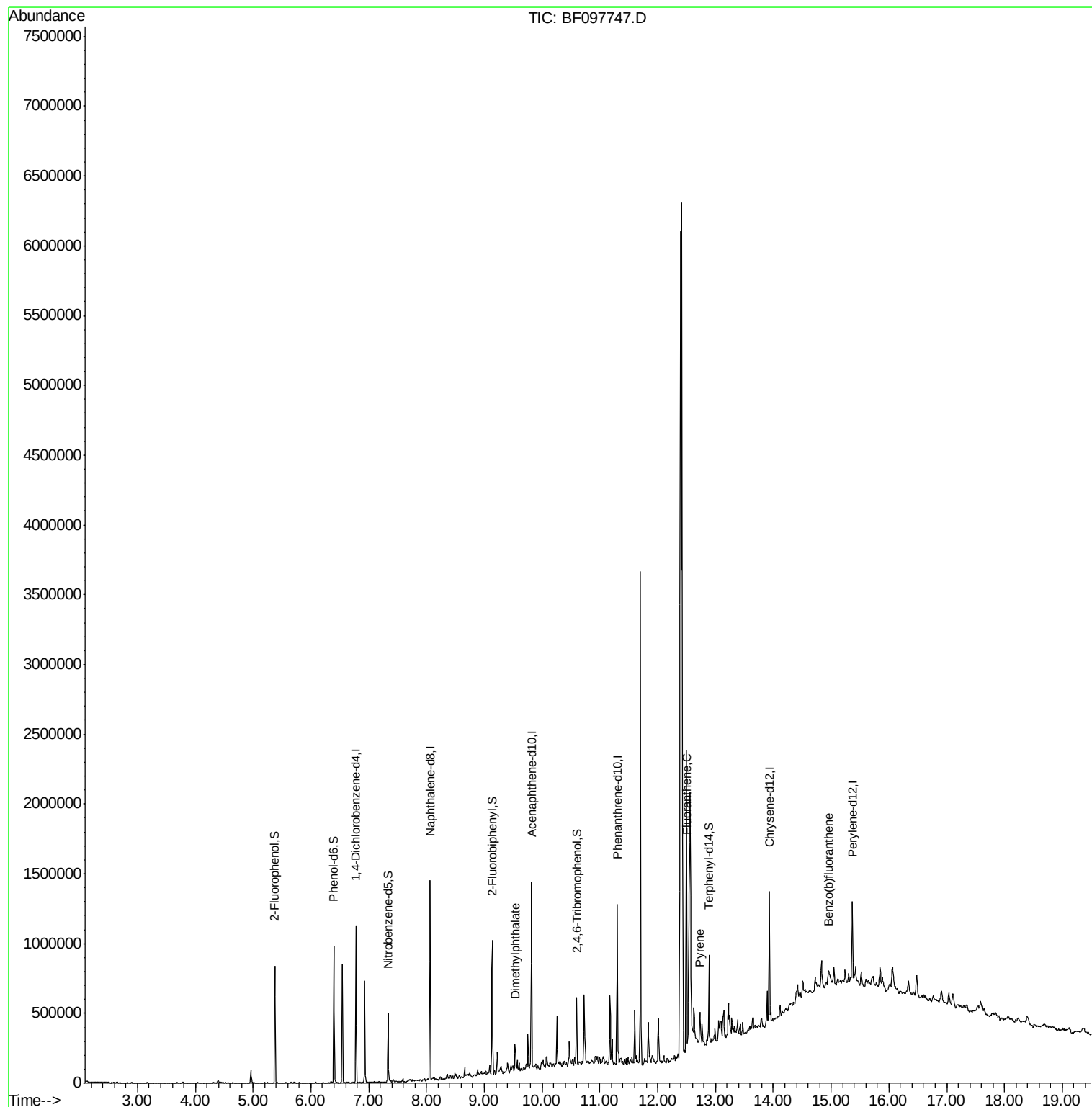
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
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Sample : I4793-07 5X
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ALS Vial : 15 Sample Multiplier: 1

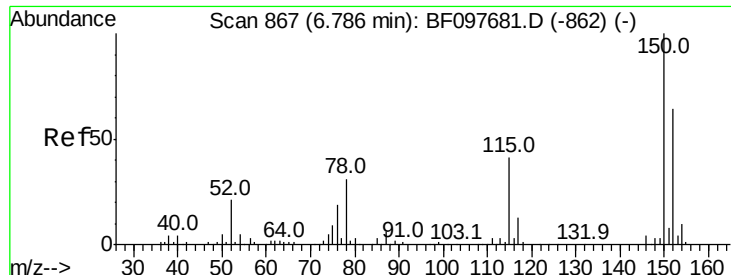
Instrument :
BNA_F
ClientSampleId :
EO-02-081417-C

Manual Integrations
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Quant Time: Aug 17 05:42:11 2017
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#1

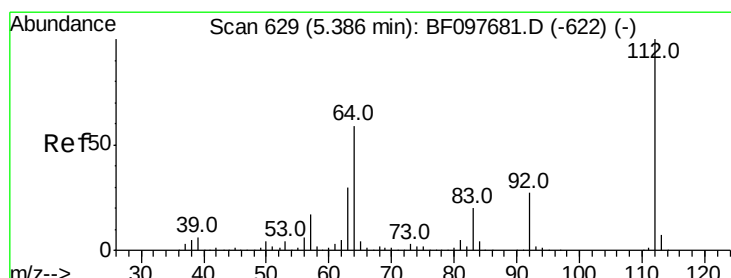
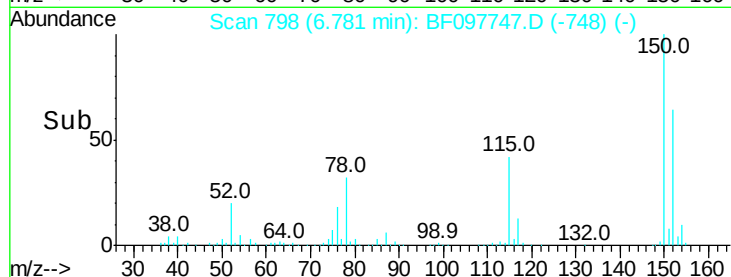
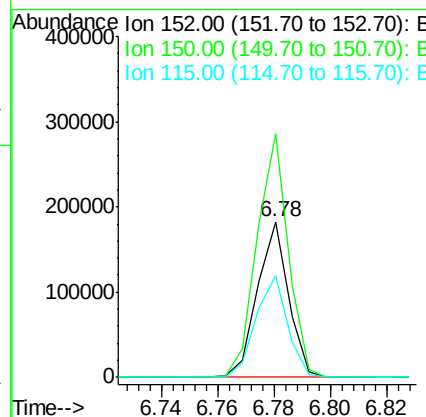
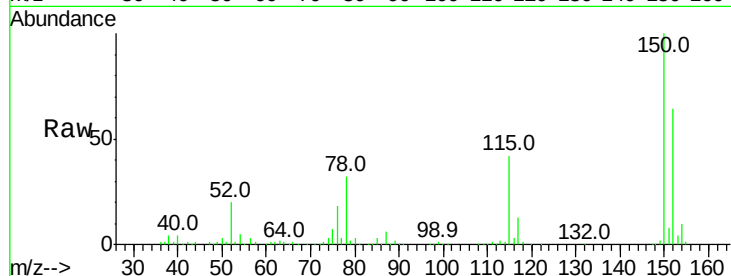
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097747.D
Acq: 16 Aug 2017 19:08

Instrument :
BNA_F
ClientSampleId :
EO-02-081417-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.2	189.2
115	65.3	52.2	78.2

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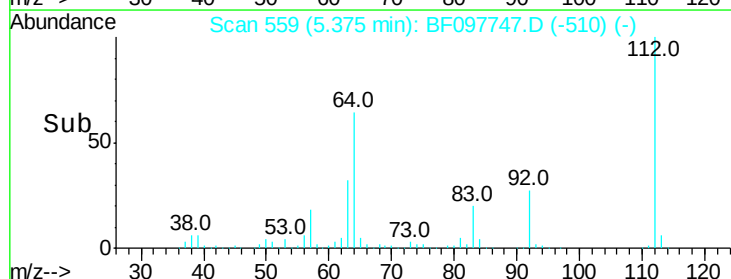
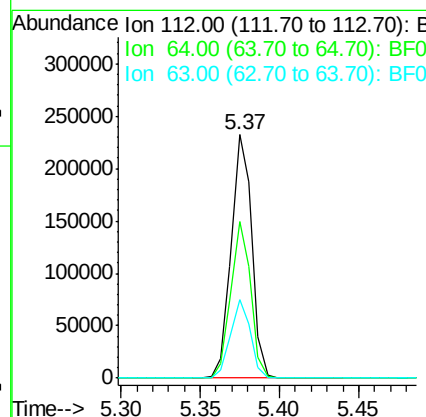
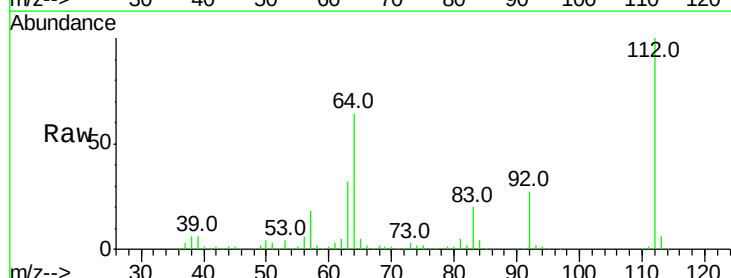
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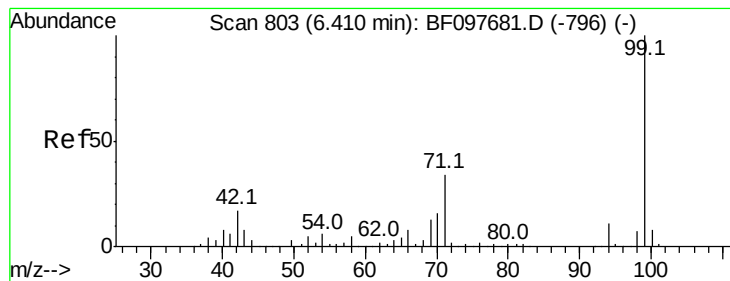


#5

2-Fluorophenol
Concen: 22.831 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF097747.D
Acq: 16 Aug 2017 19:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	46.0	69.0
63	32.4	23.4	35.0





#7

Phenol-d6

Concen: 22.364 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF097747.D

Acq: 16 Aug 2017 19:08

Instrument :

BNA_F

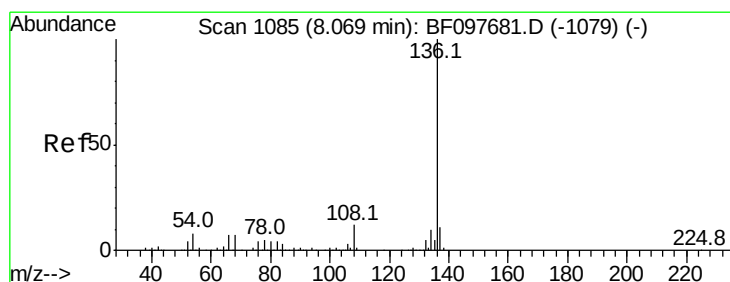
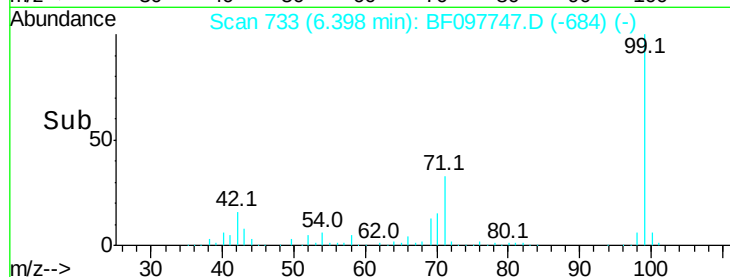
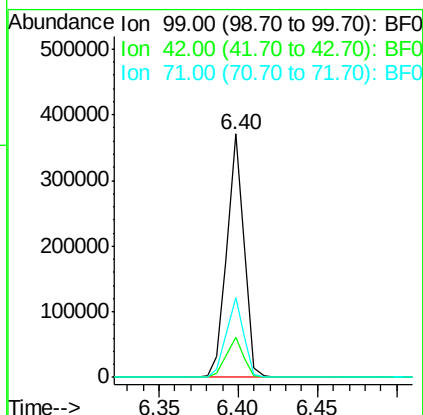
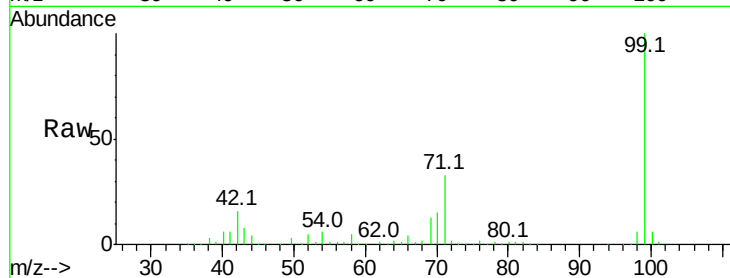
ClientSampled :

EO-02-081417-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		278364		
42	16.4	13.5	20.3		
71	32.7	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

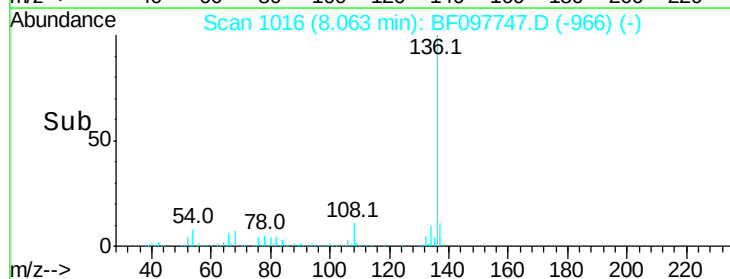
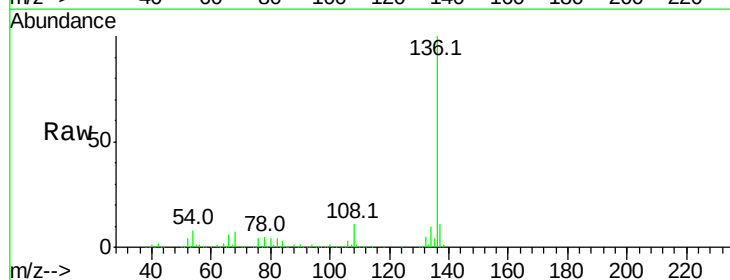
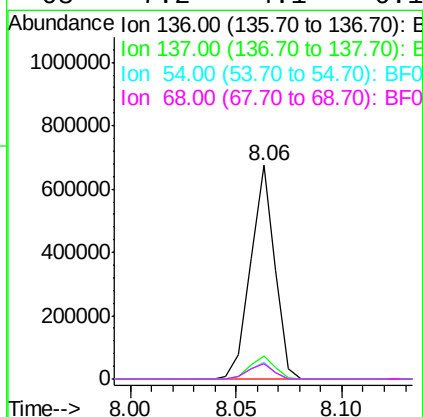
RT: 8.06 min Scan# 1016

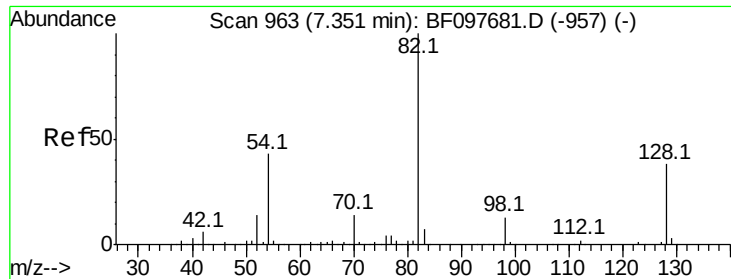
Delta R.T. -0.01 min

Lab File: BF097747.D

Acq: 16 Aug 2017 19:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		535479		
137	11.1	8.5	12.7		
54	7.8	4.9	7.3#		
68	7.2	4.1	6.1#		





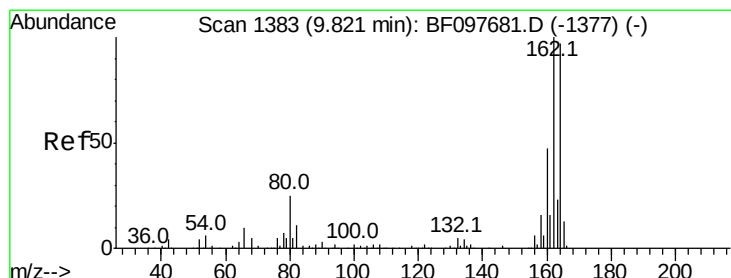
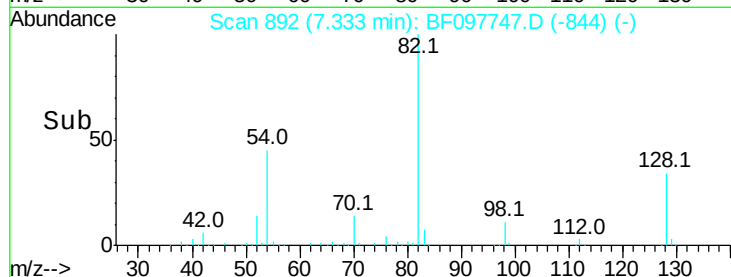
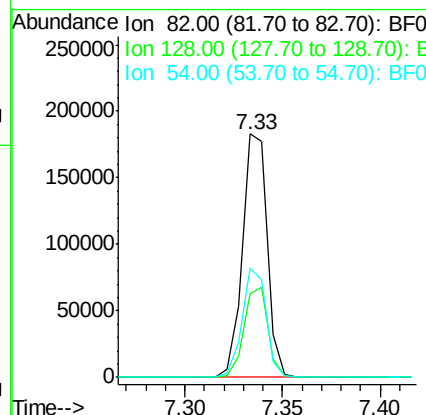
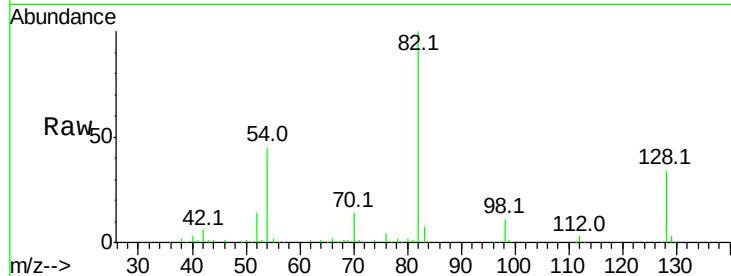
#23
 Nitrobenzene-d5
 Concen: 16.377 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF097747.D
 Acq: 16 Aug 2017 19:08

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-081417-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.2	34.0	51.0
54	44.7	42.2	63.2

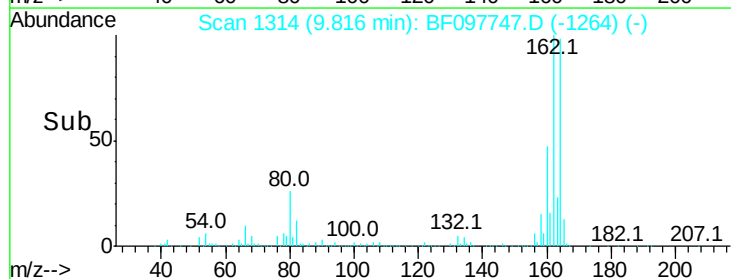
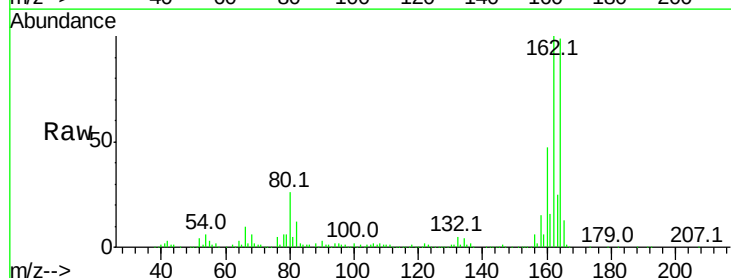
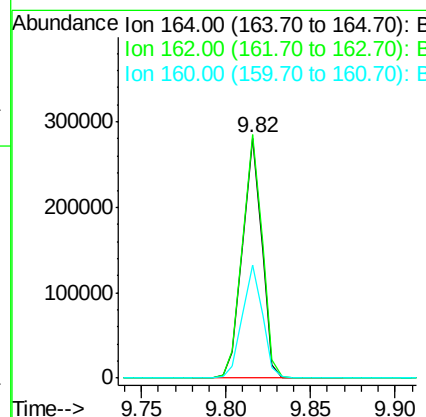
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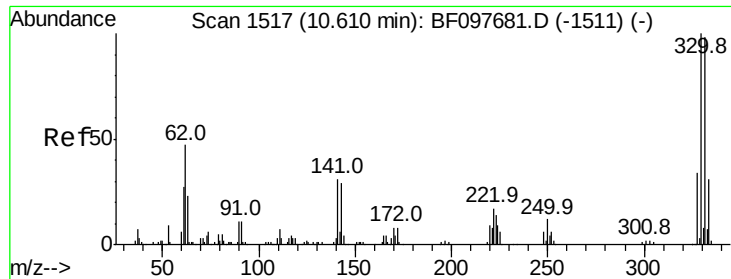
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF097747.D
 Acq: 16 Aug 2017 19:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	47.3	36.2	54.2





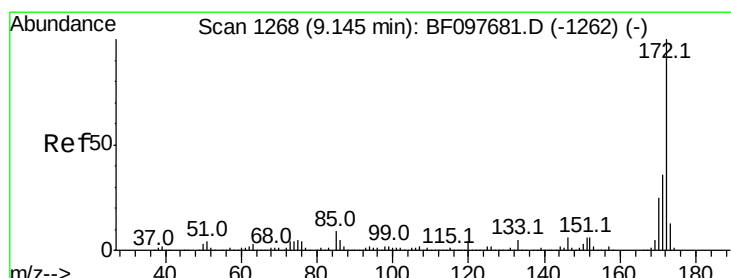
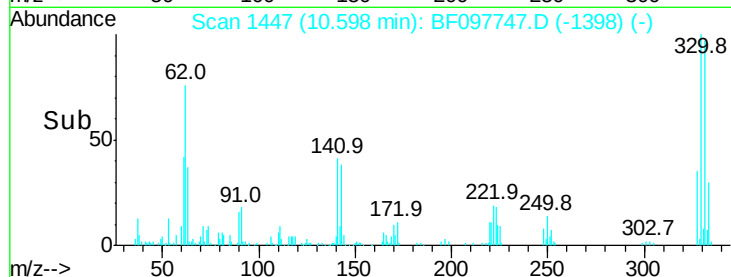
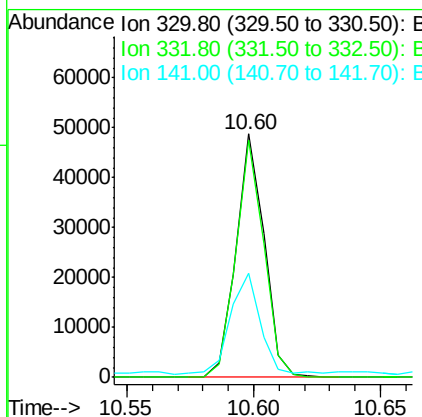
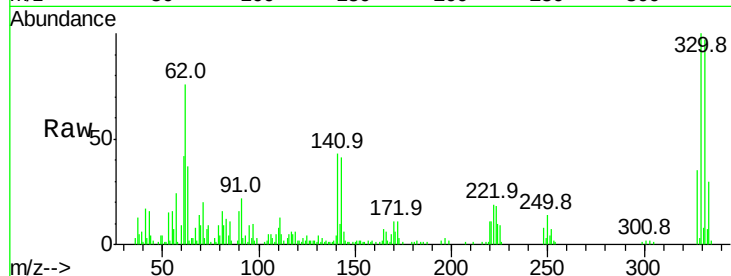
#41
 2,4,6-Tribromophenol
 Concen: 19.252 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097747.D
 Acq: 16 Aug 2017 19:08

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-081417-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	76.6	115.0	
141	44.1	31.4	47.2	

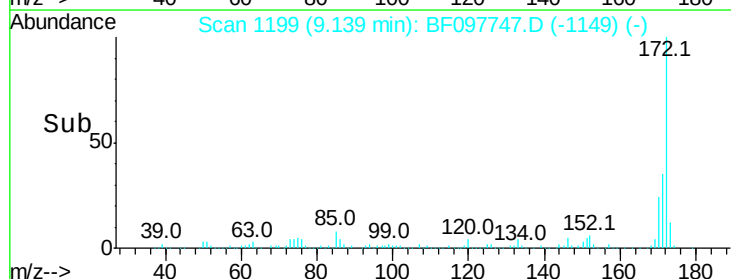
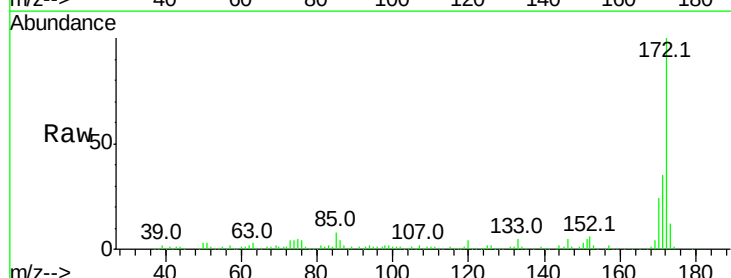
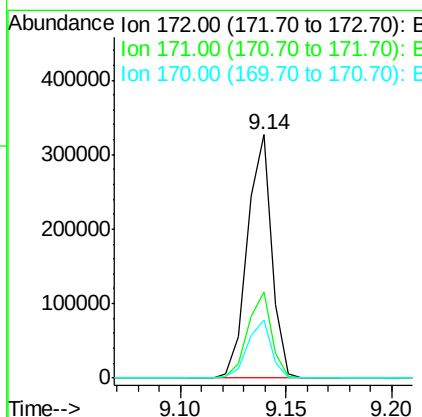
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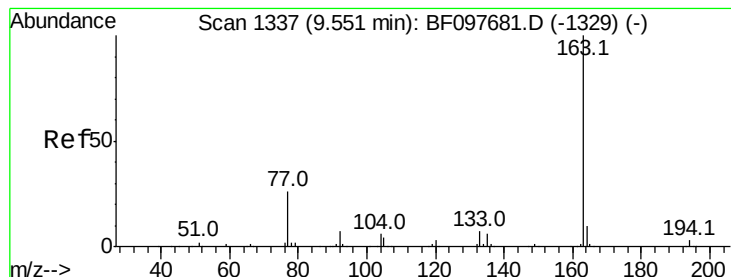
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#44
 2-Fluorobiphenyl
 Concen: 17.052 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097747.D
 Acq: 16 Aug 2017 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.2	29.6	44.4	
170	23.6	19.8	29.8	





#49

Dimethylphthalate

Concen: 2.704 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BF097747.D

Acq: 16 Aug 2017 19:08

Instrument :

BNA_F

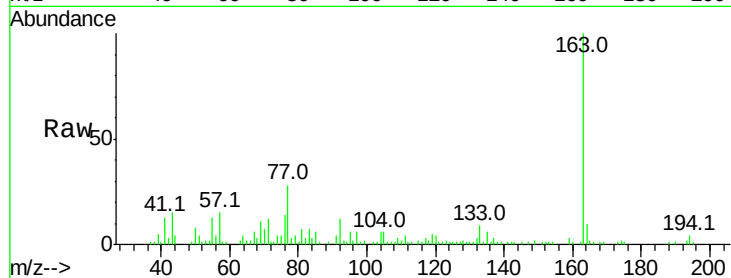
ClientSampleId :

EO-02-081417-C

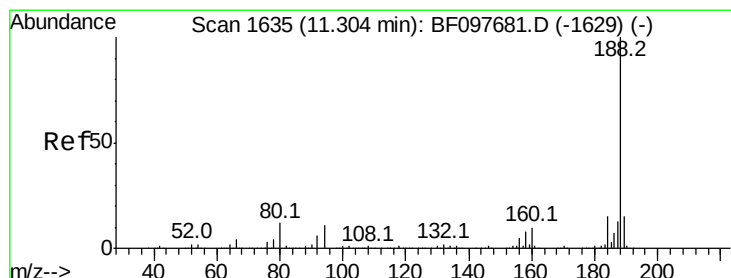
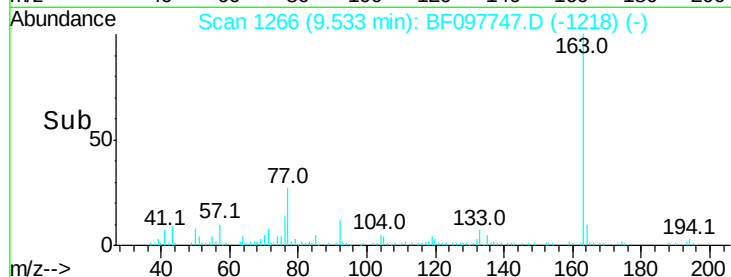
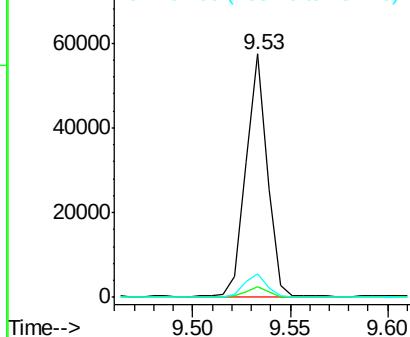
Tot Ion:163	Resp:	44315
Ion Ratio	Lower	Upper
163 100		
194 4.1	2.6	4.0#
164 9.7	8.4	12.6

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



#63

Phenanthrene-d10

Concen: 20.000 ng

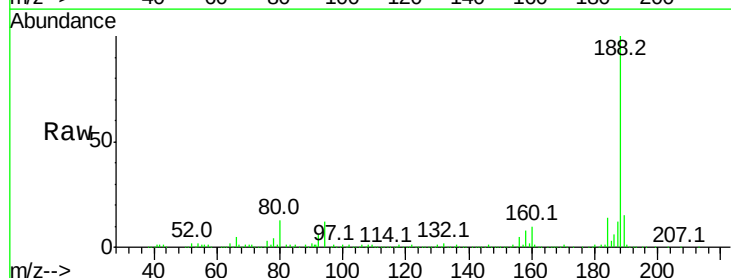
RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

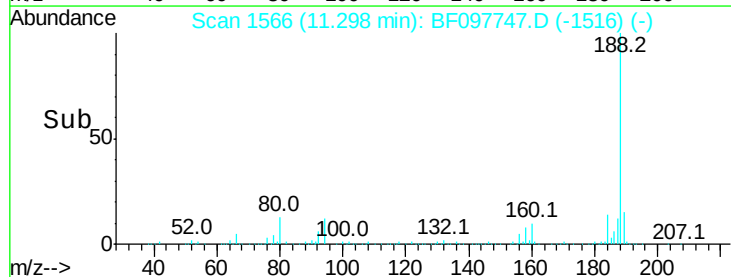
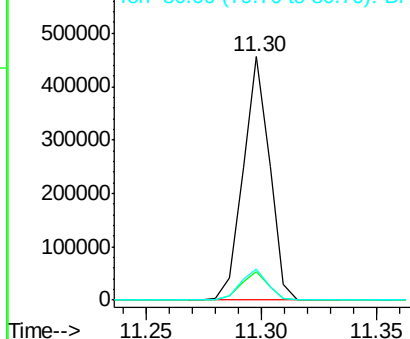
Lab File: BF097747.D

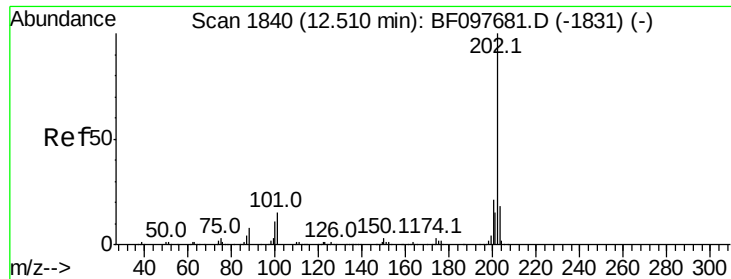
Acq: 16 Aug 2017 19:08

Tgt Ion:188	Resp:	363542
Ion Ratio	Lower	Upper
188 100		
94 11.7	9.4	14.2
80 12.8	10.2	15.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.301 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF097747.D

Acq: 16 Aug 2017 19:08

Instrument :

BNA_F

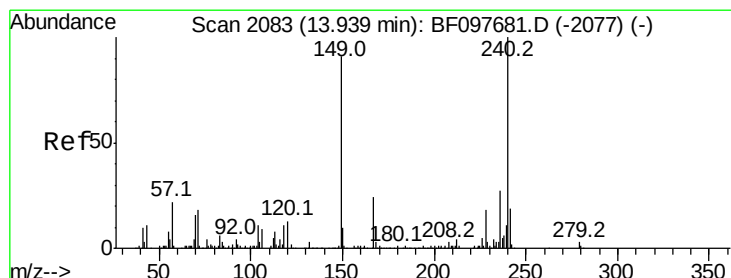
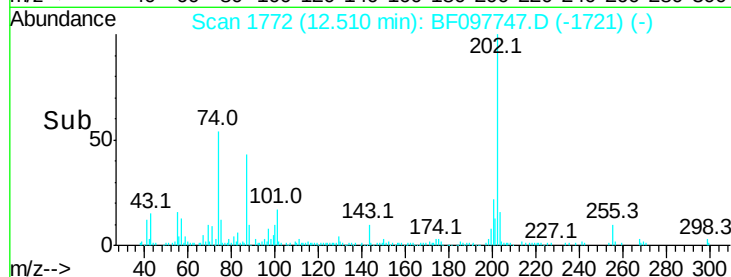
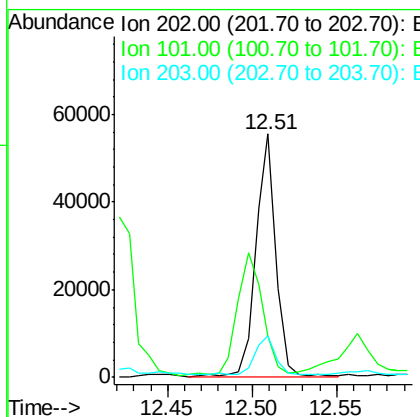
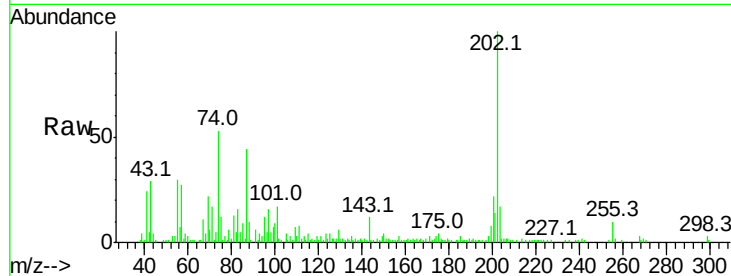
ClientSampleId :

EO-02-081417-C

Tot Ion:	202	Resp:	46528
Ion Ratio	Lower	Upper	
202	100		
101	16.9	0.0	33.2
203	16.9	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

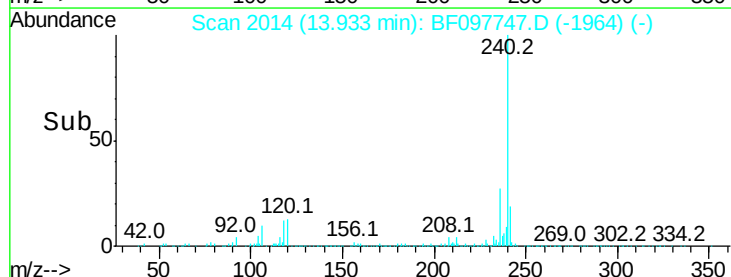
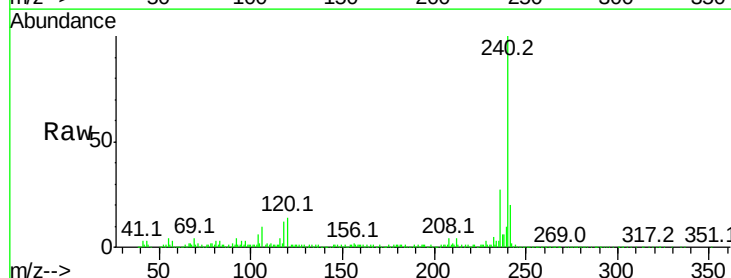
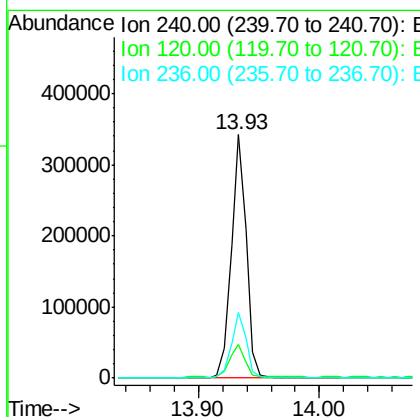
RT: 13.93 min Scan# 2014

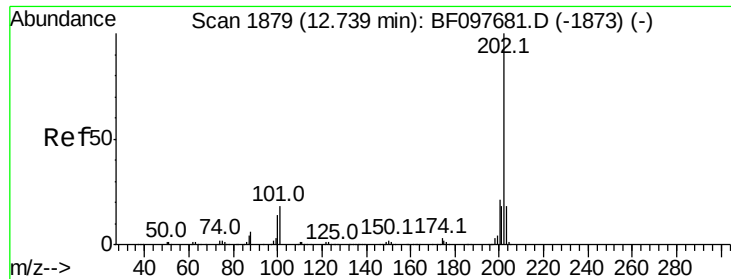
Delta R.T. -0.01 min

Lab File: BF097747.D

Acq: 16 Aug 2017 19:08

Tgt Ion:	240	Resp:	293755
Ion Ratio	Lower	Upper	
240	100		
120	13.7	5.8	8.8#
236	26.7	20.5	30.7





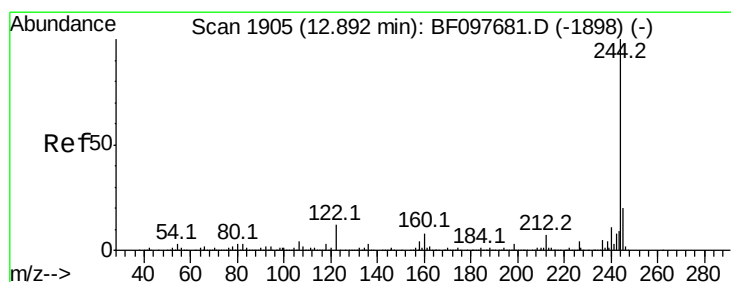
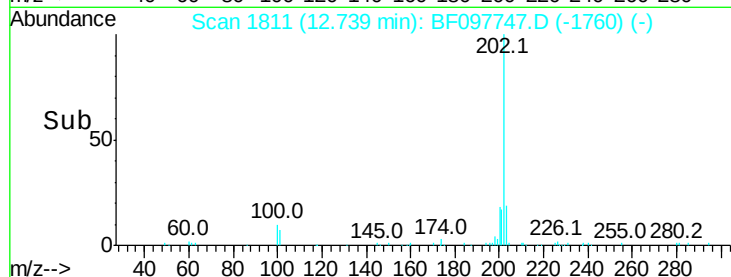
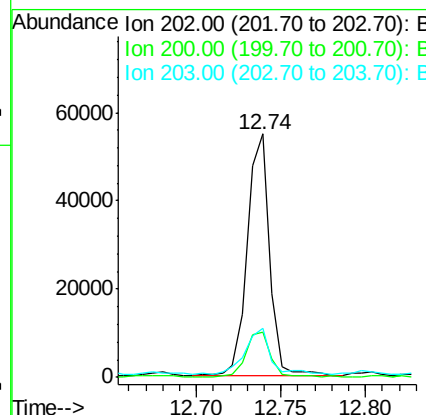
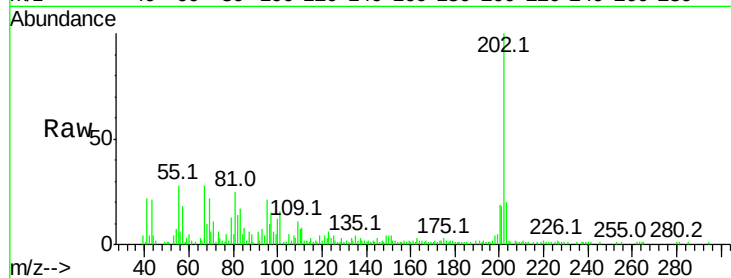
#77
Pvrene
Concen: 2.083 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BF097747.D
Acq: 16 Aug 2017 19:08

Instrument :
BNA_F
ClientSampleId :
EO-02-081417-C

Tot Ion	Ratio	Lower	Upper
202	100		
200	18.7	17.6	26.4
203	20.3	14.4	21.6

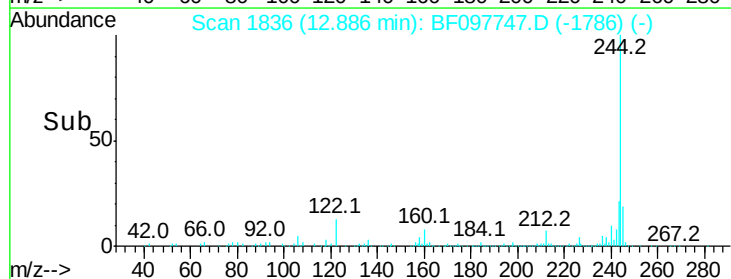
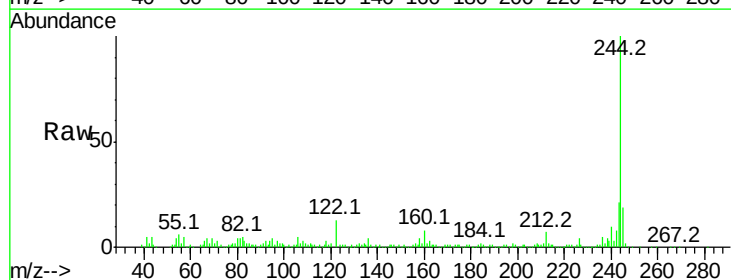
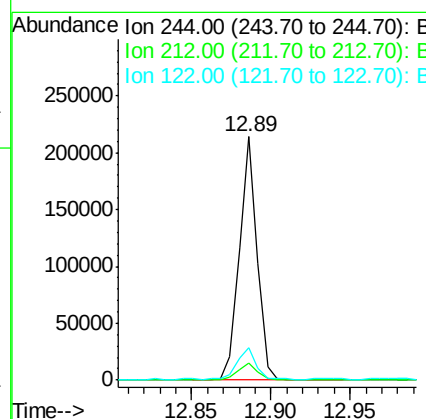
Manual Integrations
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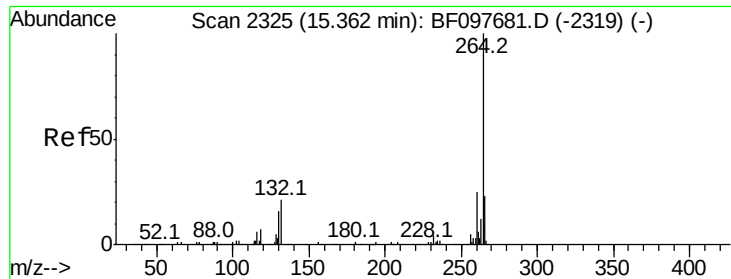
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#78
Terphenyl-d14
Concen: 11.772 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097747.D
Acq: 16 Aug 2017 19:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.5	10.3	15.5





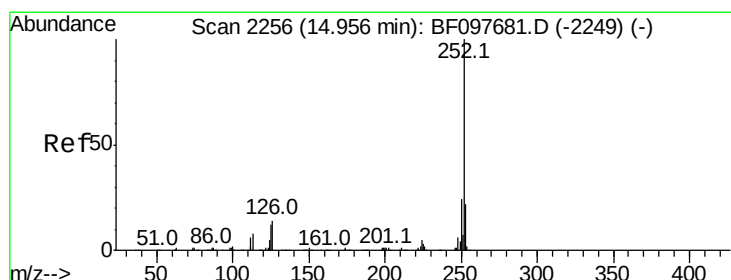
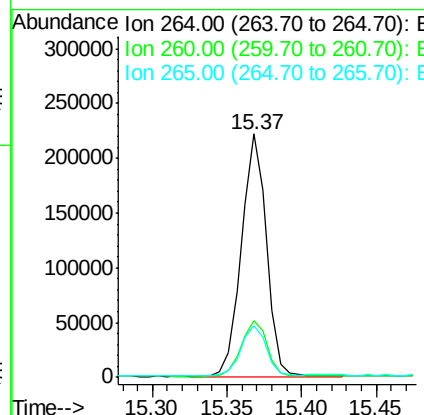
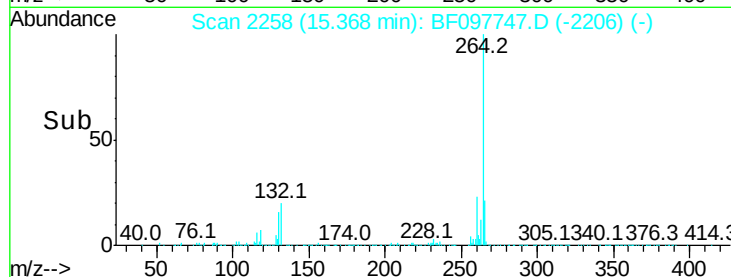
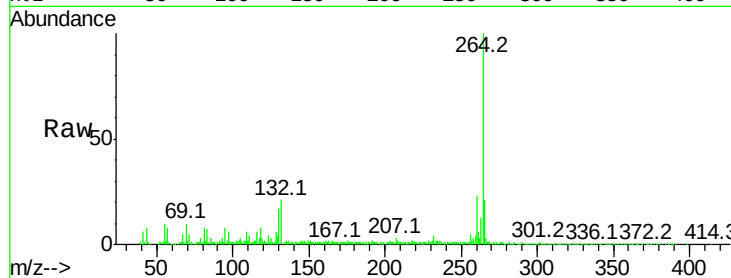
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF097747.D
Acq: 16 Aug 2017 19:08

Instrument :
BNA_F
ClientSampleId :
EO-02-081417-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.4	17.2	25.8

Manual Integrations
APPROVED

Sohil
8/17/2017 5:57:46 PM



#87
Benzo(b)fluoranthene
Concen: 2.289 ng m
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF097747.D
Acq: 16 Aug 2017 19:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.1	18.1	27.1#
125	29.2	9.8	14.8#

