

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097486.D
 Acq On : 8 Aug 2017 23:32
 Operator : SJ/JU
 Sample : I4655-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7-WC1

Manual Integrations
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 8/9/2017 7:16:34 PM

Quant Time: Aug 09 02:07:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	101431	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	460806	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	184841	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	276685	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	192532	20.00	ng	-0.01
86) Perylene-d12	14.87	264	178597	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	510780	75.91	ng	0.00
7) Phenol-d6	6.07	99	612822	79.78	ng	-0.01
23) Nitrobenzene-d5	6.97	82	342294	43.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	97567	66.81	ng	-0.01
44) 2-Fluorobiphenyl	8.76	172	553261	50.80	ng	-0.01
78) Terphenyl-d14	12.49	244	339086	35.91	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.17	163	159998	11.399	ng	99
87) Benzo(b)fluoranthene	14.53	252	27685m	2.579	ng	
89) Benzo(a)pyrene	14.82	252	22016	2.241	ng	96

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

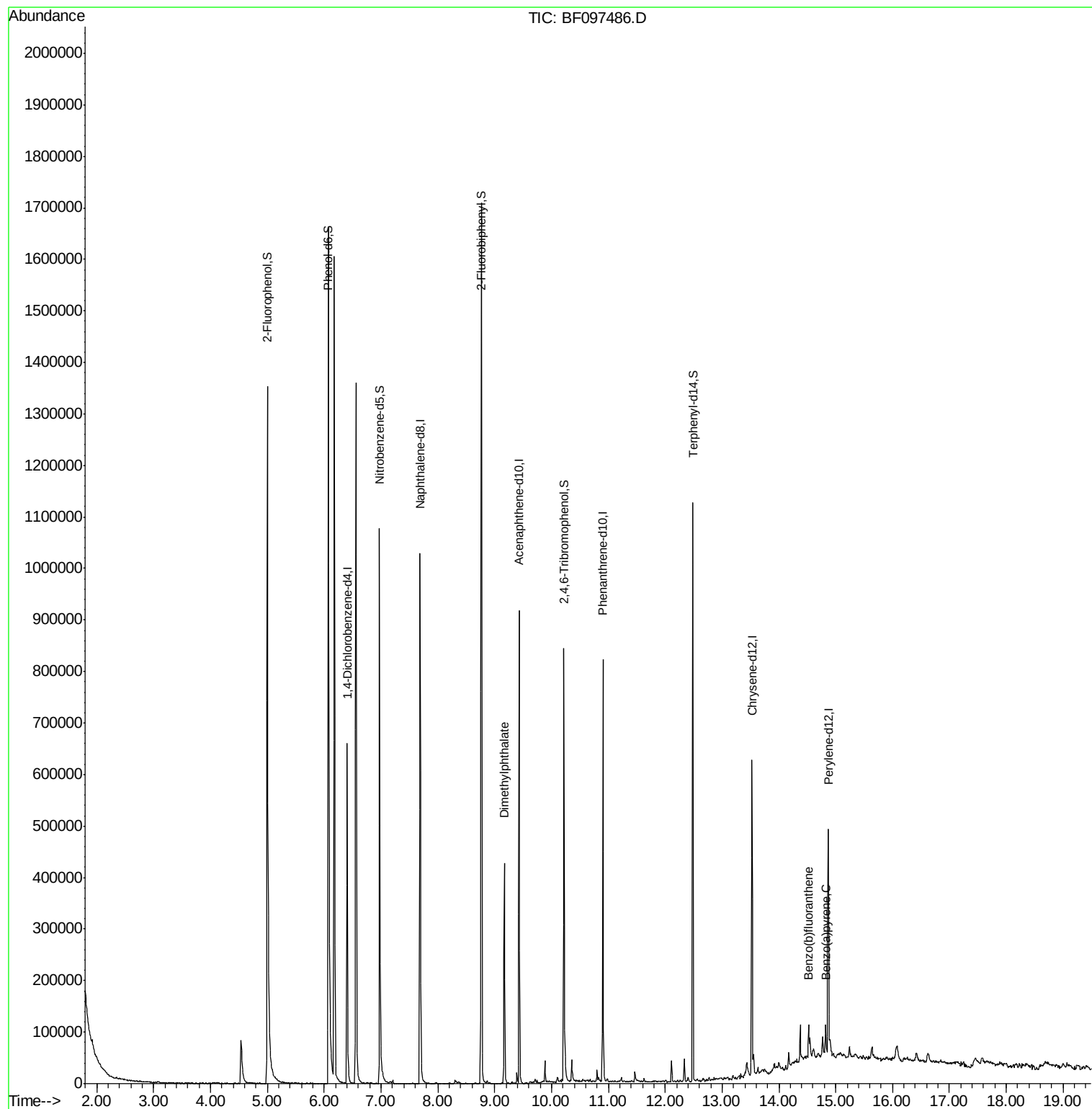
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097486.D
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ALS Vial : 12 Sample Multiplier: 1

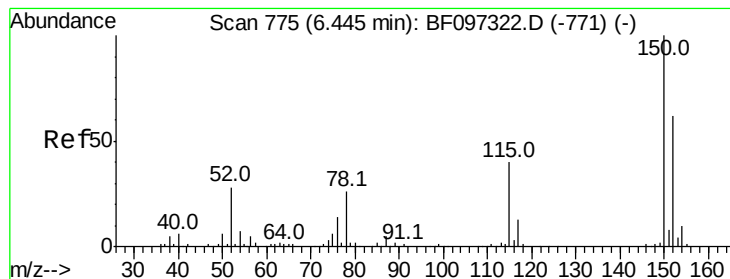
Instrument :
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#1

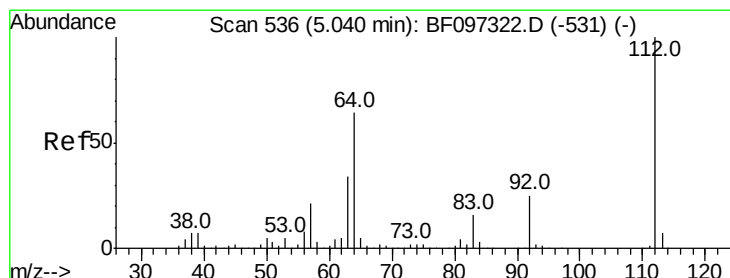
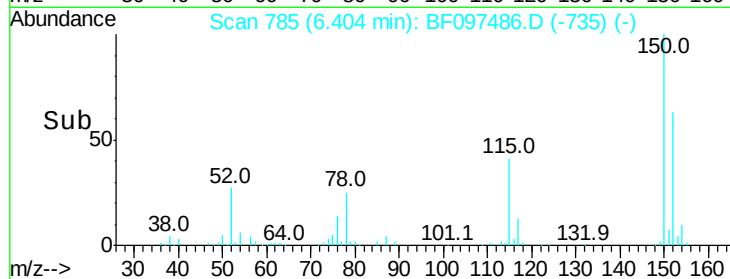
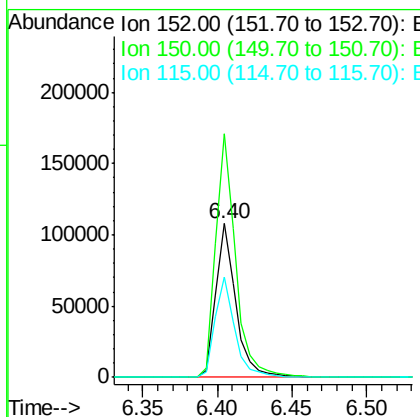
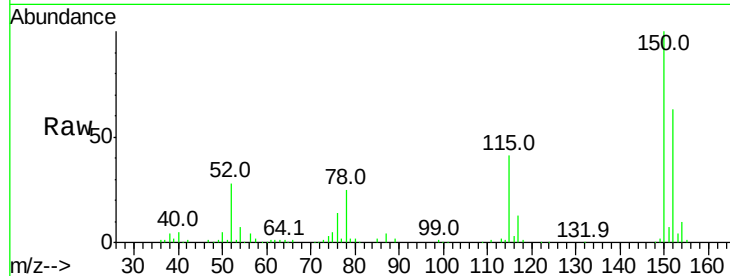
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097486.D
Acq: 8 Aug 2017 23:32

Instrument :
BNA_F
ClientSampleId :
TP7-WC1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	64.9	52.2	78.2

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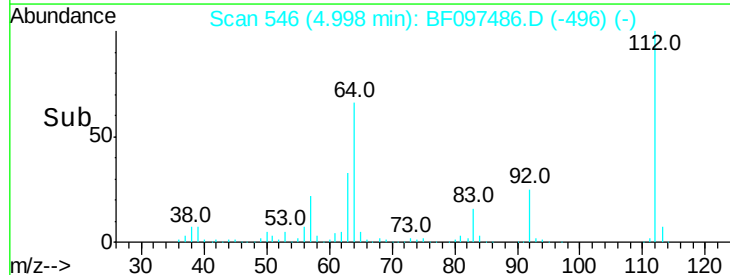
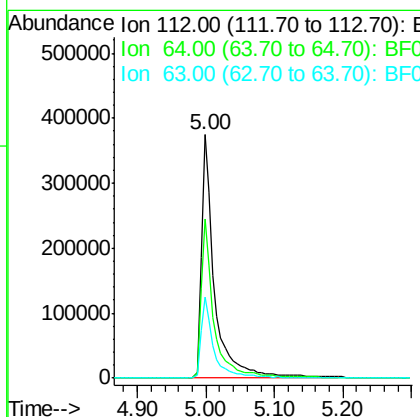
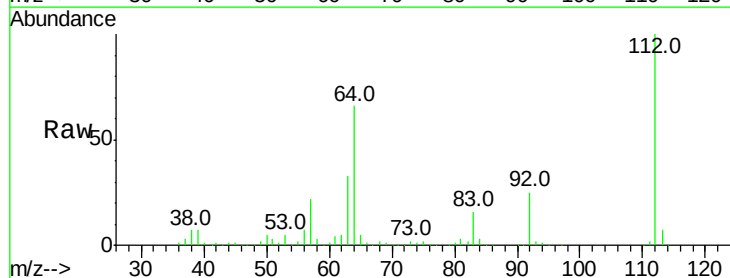
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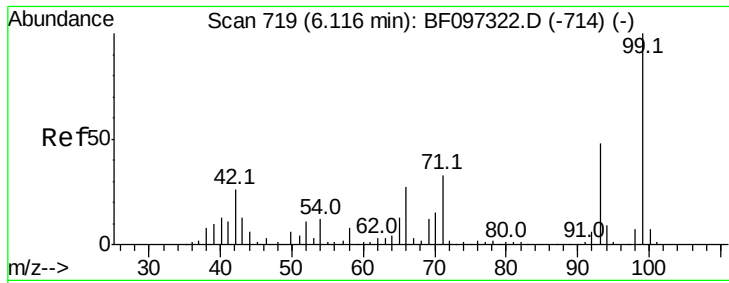


#5

2-Fluorophenol
Concen: 75.913 ng
RT: 5.00 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF097486.D
Acq: 8 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	46.0	69.0
63	33.1	23.4	35.0





#7

Phenol-d6

Concen: 79.780 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097486.D

Acq: 8 Aug 2017 23:32

Instrument :

BNA_F

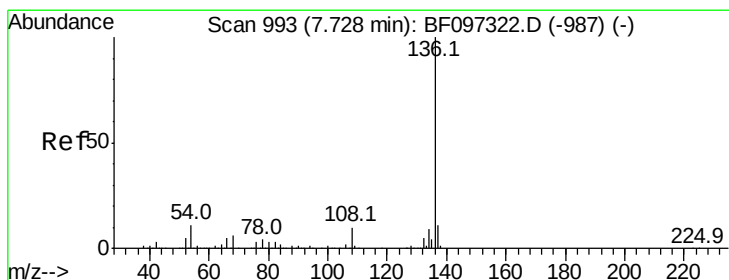
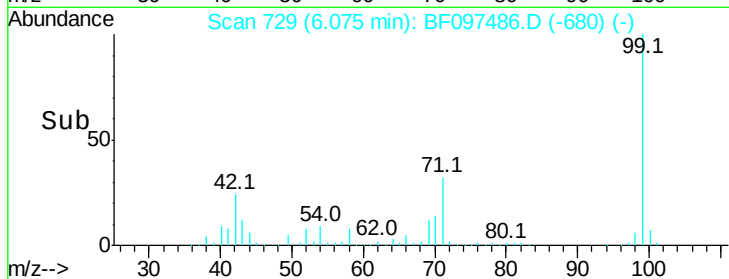
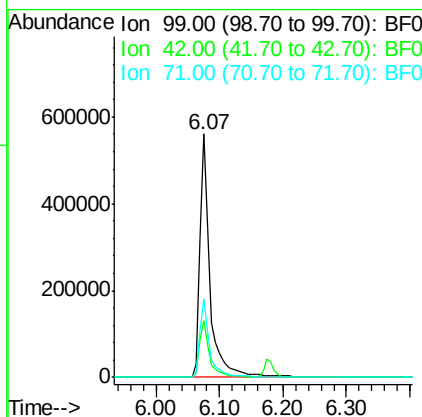
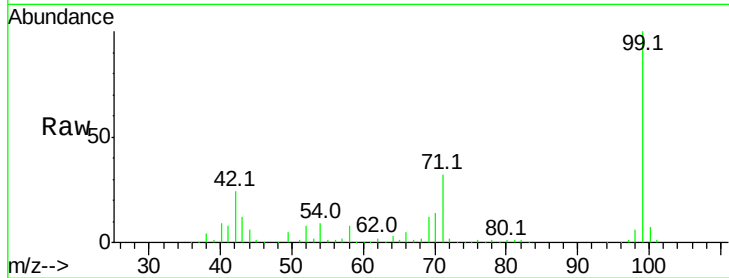
ClientSampled :

TP7-WC1

Tot Ion:	99	Resp:	612822
Ion Ratio	Lower	Upper	
99	100		
42	23.6	13.5	20.3#
71	32.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

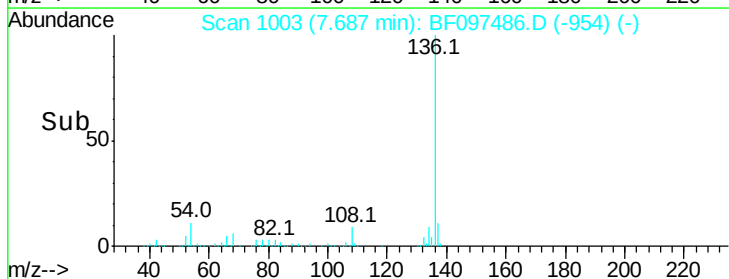
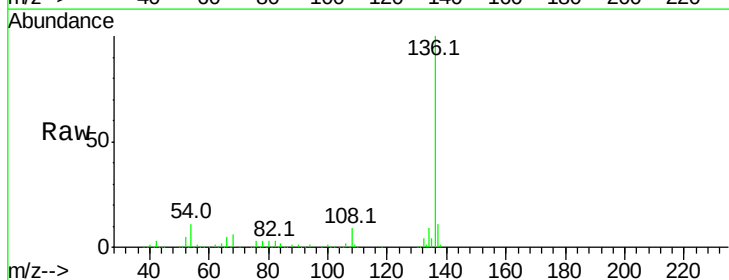
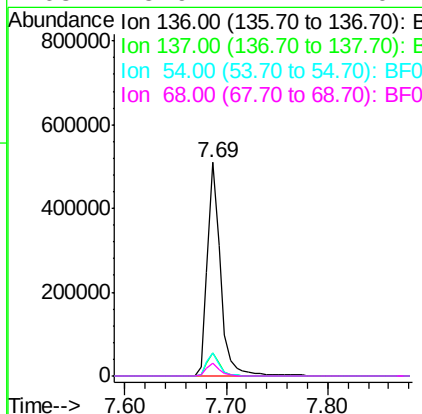
RT: 7.69 min Scan# 1003

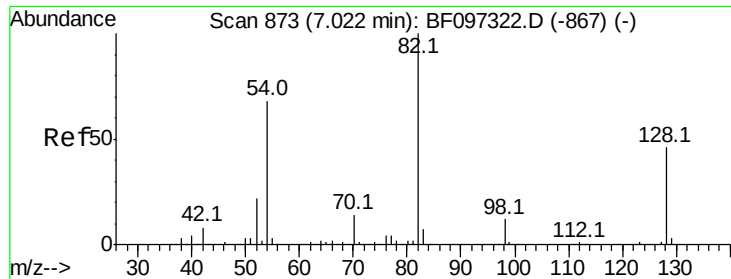
Delta R.T. -0.01 min

Lab File: BF097486.D

Acq: 8 Aug 2017 23:32

Tgt Ion:	136	Resp:	460806
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	10.6	4.9	7.3#
68	5.9	4.1	6.1





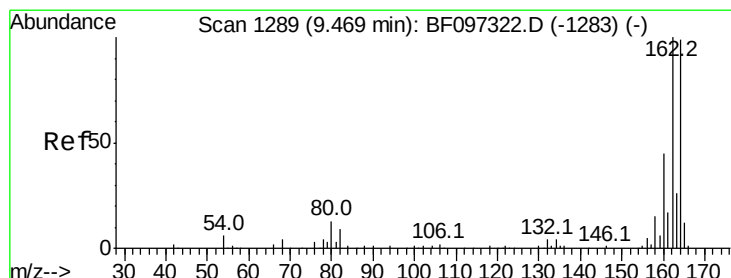
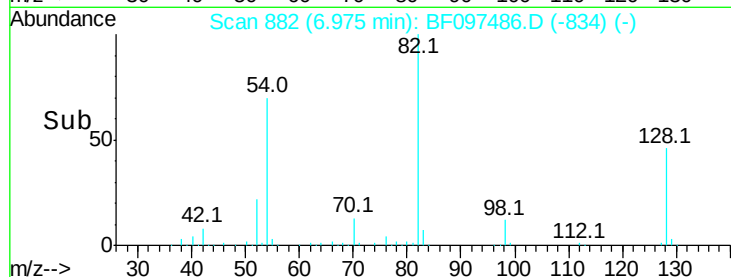
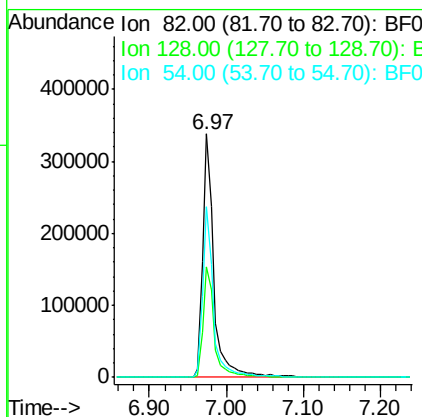
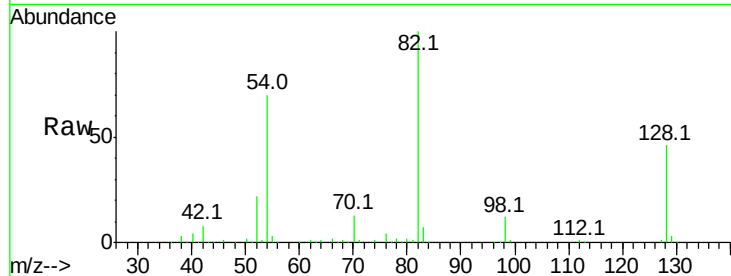
#23
Nitrobenzene-d5
Concen: 43.577 ng
RT: 6.97 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF097486.D
Acq: 8 Aug 2017 23:32

Instrument :
BNA_F
ClientSampleId :
TP7-WC1

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.0	51.0
54	70.2	42.2	63.2

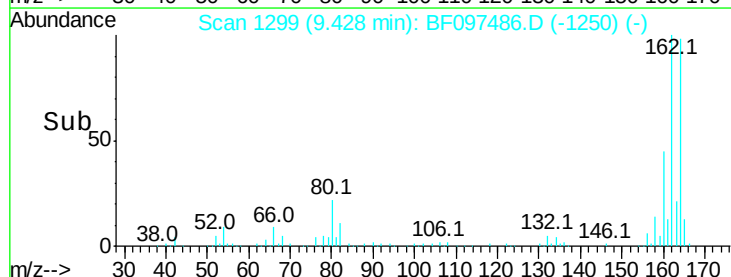
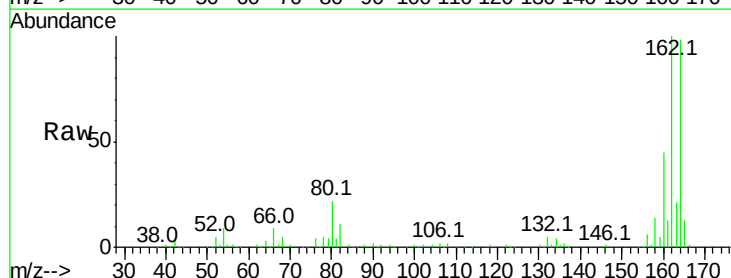
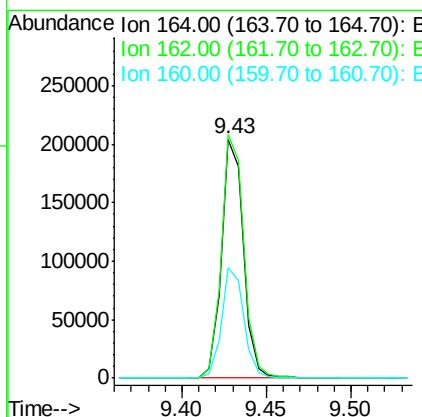
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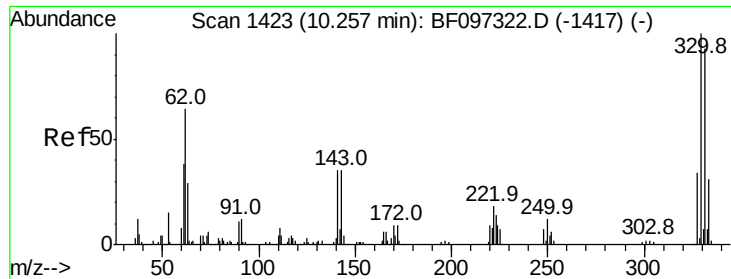
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097486.D
Acq: 8 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	46.1	36.2	54.2





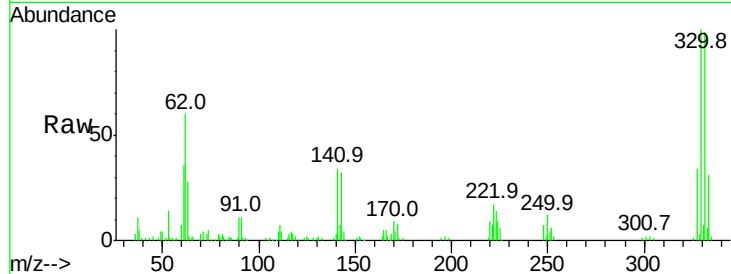
#41
 2,4,6-Tribromophenol
 Concen: 66.807 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097486.D
 Acq: 8 Aug 2017 23:32

Instrument :
 BNA_F
 ClientSampled :
 TP7-WC1

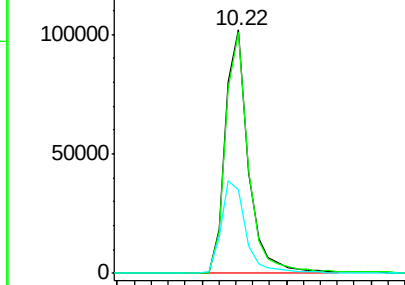
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	99.3	76.6	115.0	
141	40.9	31.4	47.2	

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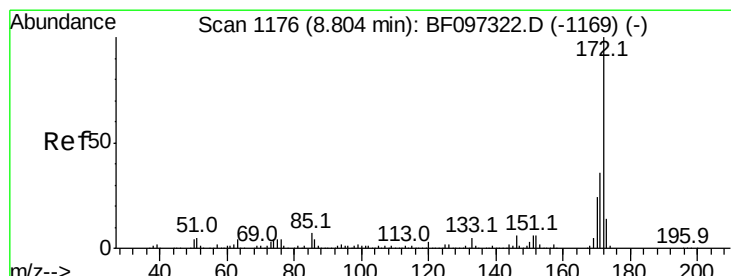
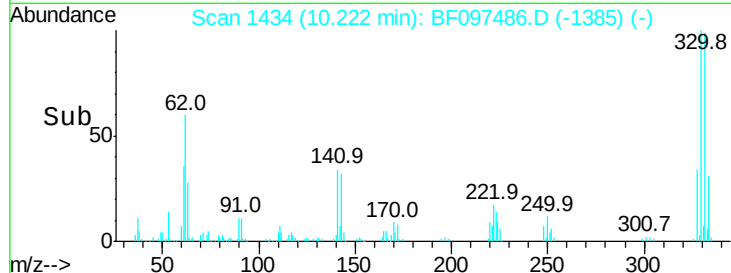
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Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



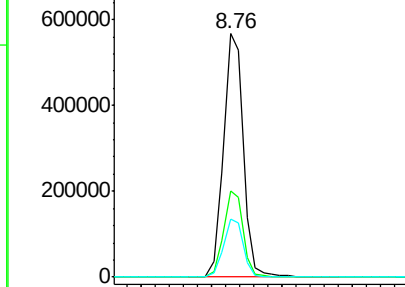
Time--> 10.15 10.20 10.25 10.30



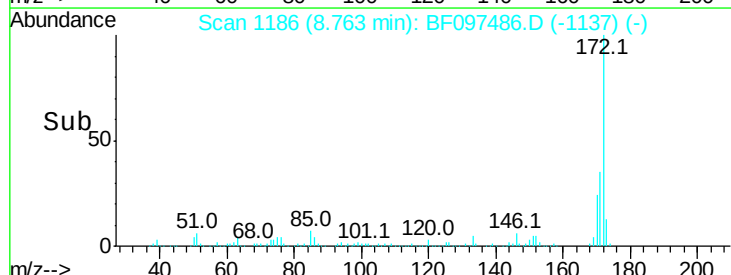
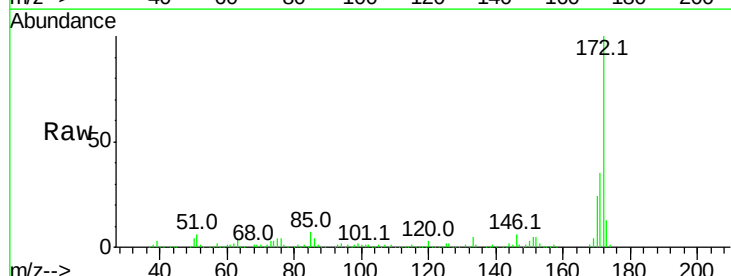
#44
 2-Fluorobiphenyl
 Concen: 50.797 ng
 RT: 8.76 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097486.D
 Acq: 8 Aug 2017 23:32

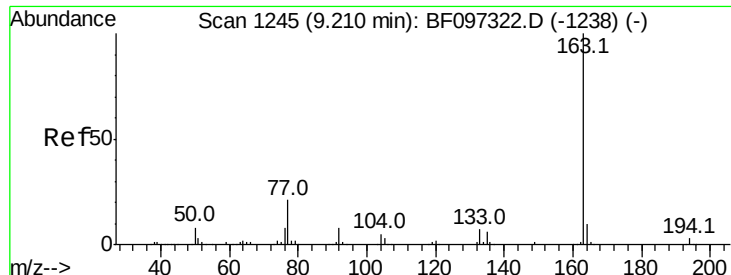
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.3	29.6	44.4	
170	23.6	19.8	29.8	

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



Time--> 8.70 8.75 8.80 8.85





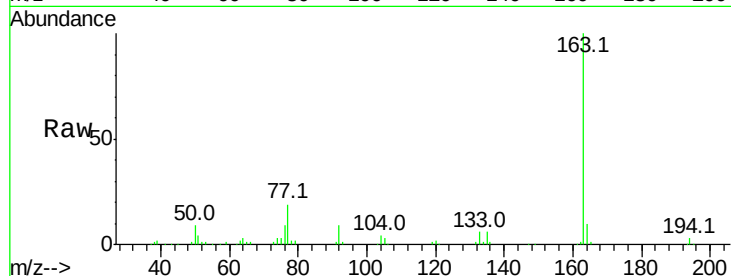
#49
Dimethylphthalate
Concen: 11.399 ng
RT: 9.17 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF097486.D
Acq: 8 Aug 2017 23:32

Instrument :
BNA_F
ClientSampled :
TP7-WC1

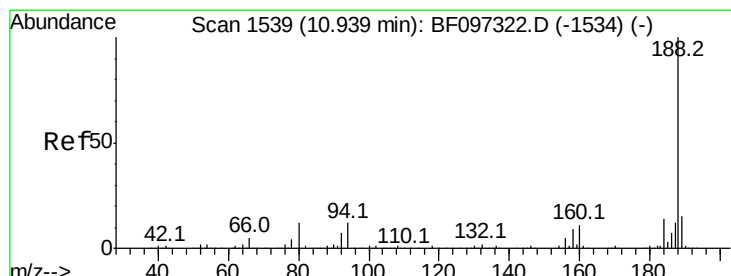
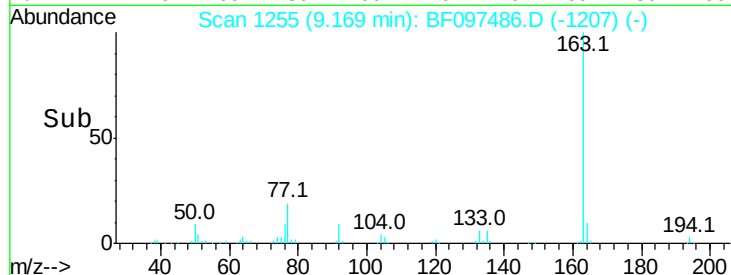
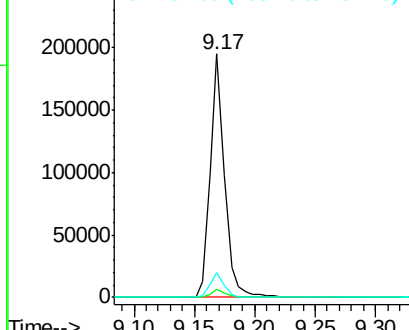
Tot Ion	Ratio	Resp	Lower	Upper
163	100	159998		
194	3.1	2.6	4.0	
164	10.2	8.4	12.6	

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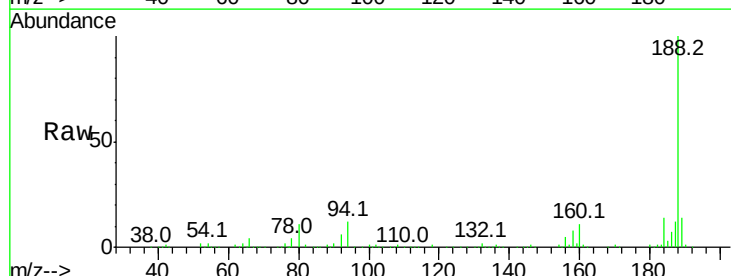


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

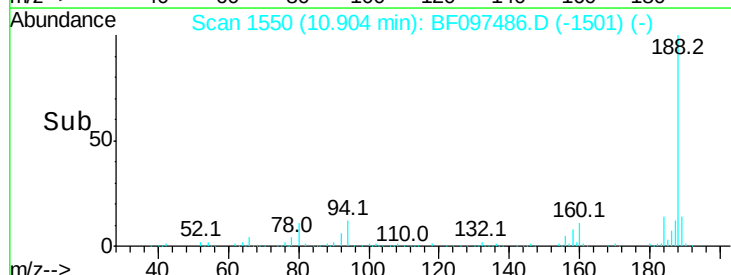
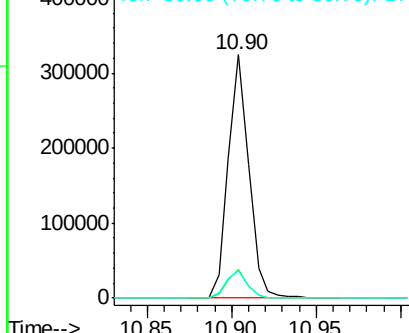


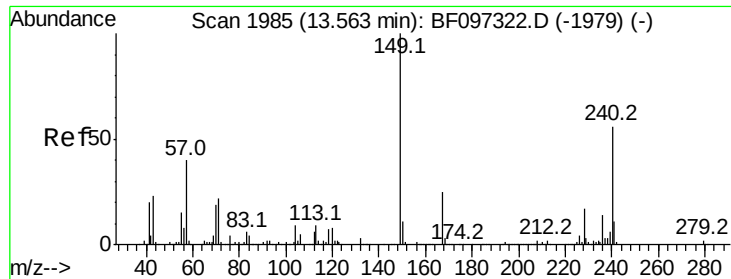
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097486.D
Acq: 8 Aug 2017 23:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	276685		
94	11.6	9.4	14.2	
80	11.1	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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.53 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF097486.D

Acq: 8 Aug 2017 23:32

Instrument :

BNA_F

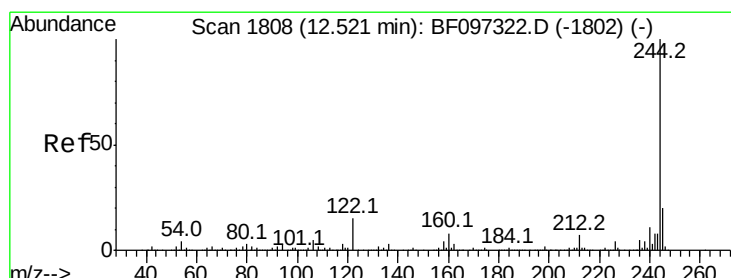
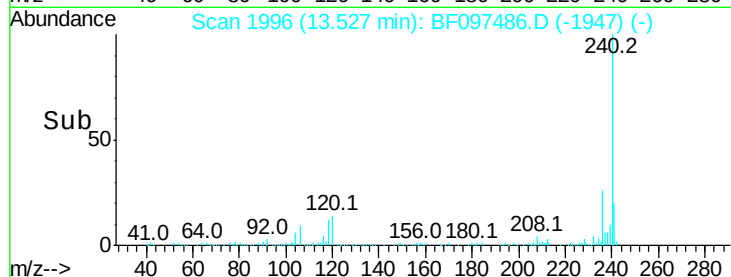
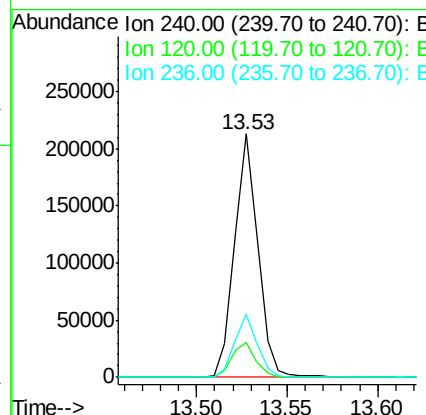
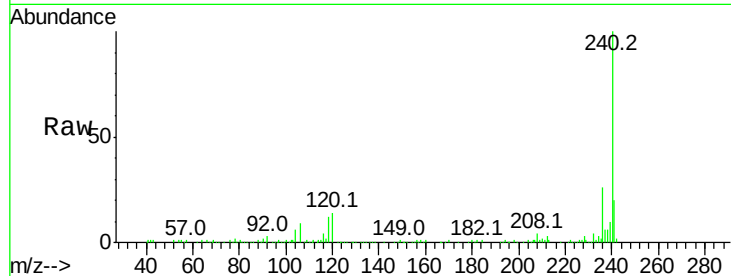
ClientSampled :

TP7-WC1

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	25.8	20.5	30.7

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#78

Terphenyl-d14

Concen: 35.908 ng

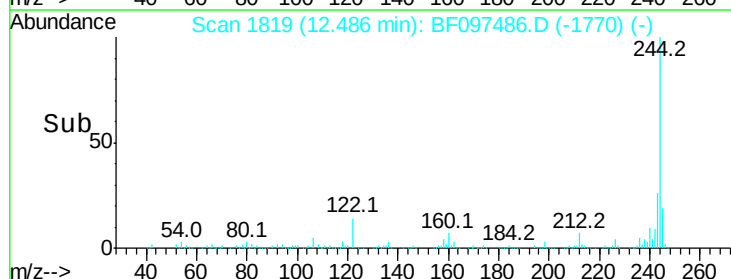
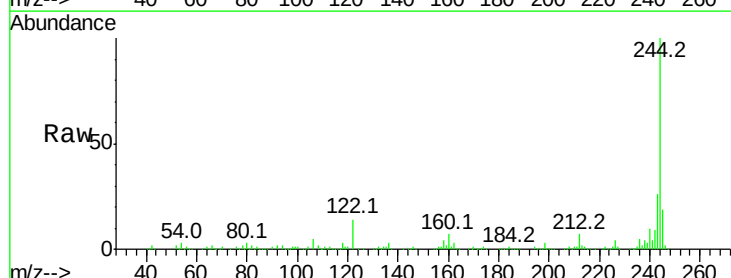
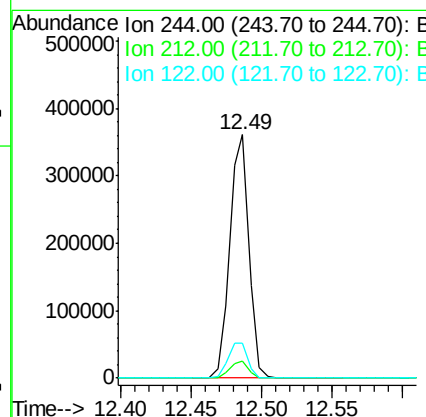
RT: 12.49 min Scan# 1819

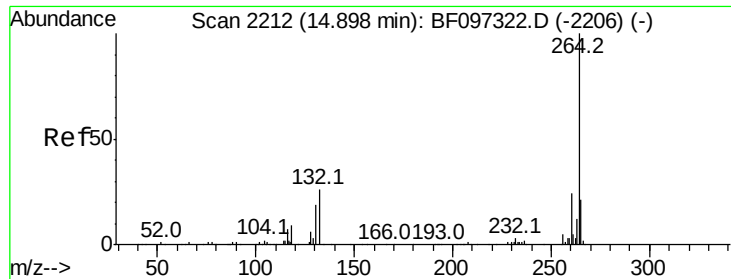
Delta R.T. -0.01 min

Lab File: BF097486.D

Acq: 8 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.1	10.3	15.5





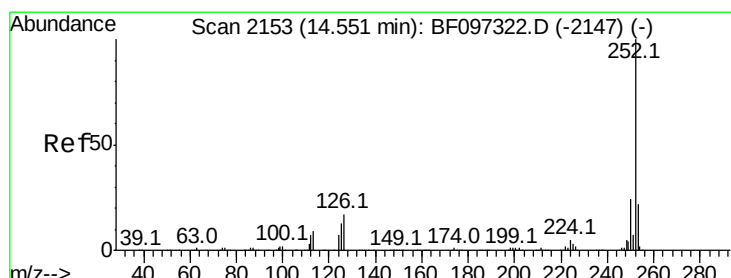
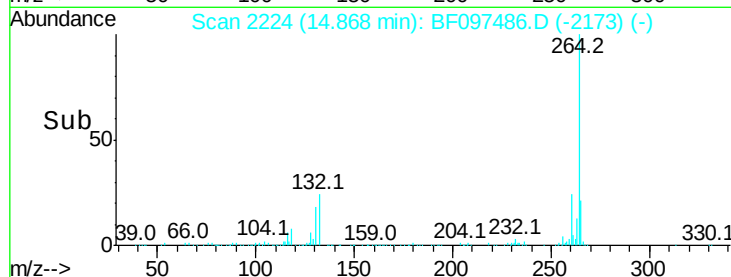
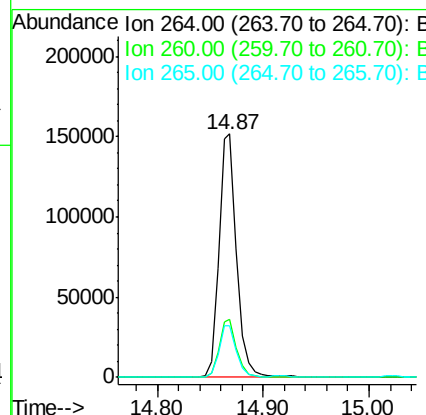
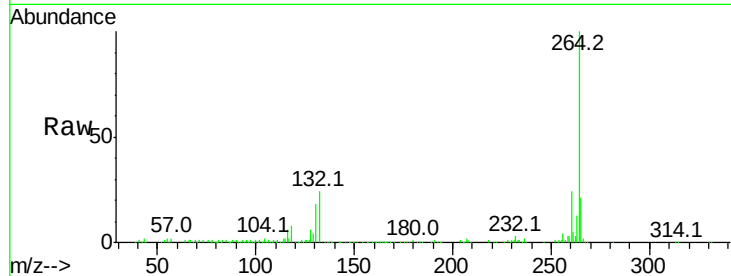
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.87 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF097486.D
Acq: 8 Aug 2017 23:32

Instrument :
BNA_F
ClientSampleId :
TP7-WC1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.0	17.2	25.8

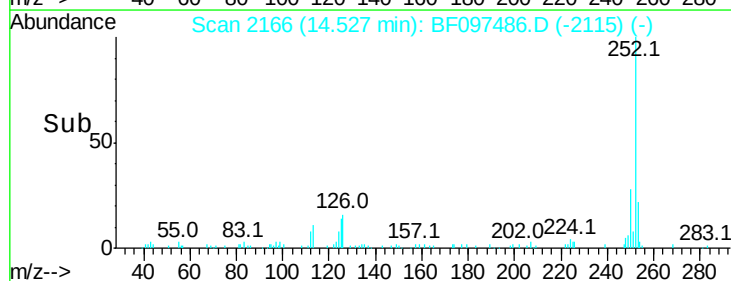
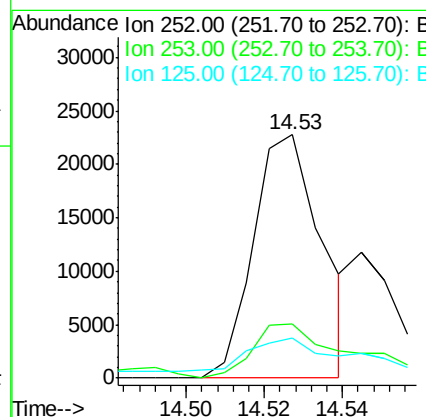
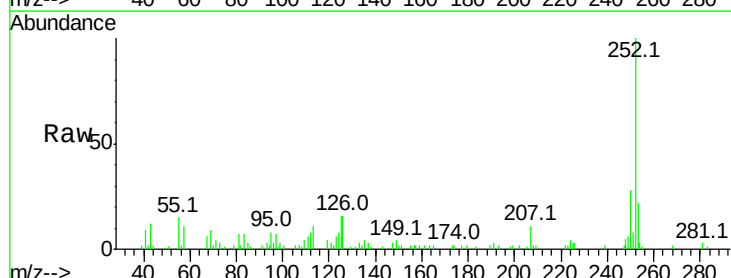
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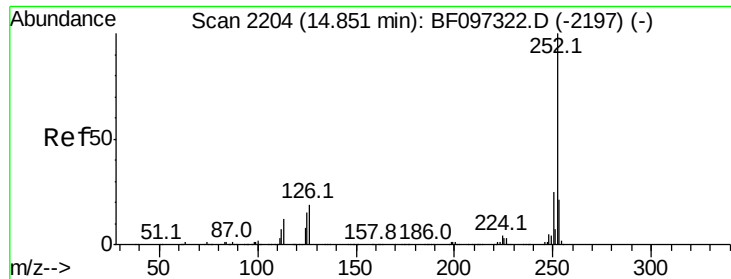
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#87
Benzo(b)fluoranthene
Concen: 2.579 ng m
RT: 14.53 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF097486.D
Acq: 8 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	16.2	9.8	14.8#





#89

Benzo(a)pyrene

Concen: 2.241 ng

RT: 14.82 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BF097486.D

Acq: 8 Aug 2017 23:32

Instrument :

BNA_F

ClientSampleId :

TP7-WC1

Tot Ion:	252	Resp:	22016
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.5	26.3
125	16.3	11.0	16.4

Manual Integrations
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