

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097536.D
 Acq On : 10 Aug 2017 00:47
 Operator : SJ/JU
 Sample : I4677-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-D10-BASE

Manual Integrations
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Sohil
 8/10/2017 6:07:55 PM

Quant Time: Aug 10 07:12:23 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	111592	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	465447	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	176251	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	290228	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	195766	20.00	ng	-0.02
86) Perylene-d12	14.86	264	189451	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	687120	92.82	ng	-0.02
7) Phenol-d6	6.07	99	840765	99.49	ng	-0.02
23) Nitrobenzene-d5	6.97	82	448190	56.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	138553	99.50	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	715438	68.89	ng	-0.02
78) Terphenyl-d14	12.48	244	465382	48.47	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.16	163	116110	8.675	ng	99
70) Phenanthrene	10.92	178	116477	7.490	ng	99
74) Fluoranthene	12.10	202	227419	14.928	ng	97
77) Pyrene	12.32	202	194827	12.156	ng	98
79) Butylbenzylphthalate	12.96	149	27703	3.398	ng	# 81
80) Benzo(a)anthracene	13.51	228	121217	9.570	ng	98
82) Chrysene	13.54	228	108269	8.753	ng	97
85) Indeno(1,2,3-cd)pyrene	16.04	276	72005	6.789	ng	97
87) Benzo(b)fluoranthene	14.52	252	152560m	13.396	ng	
88) Benzo(k)fluoranthene	14.53	252	50045m	4.612	ng	
89) Benzo(a)pyrene	14.81	252	120905	11.600	ng	96
91) Benzo(a,h,i)perylene	16.39	276	66150	7.380	ng	95

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

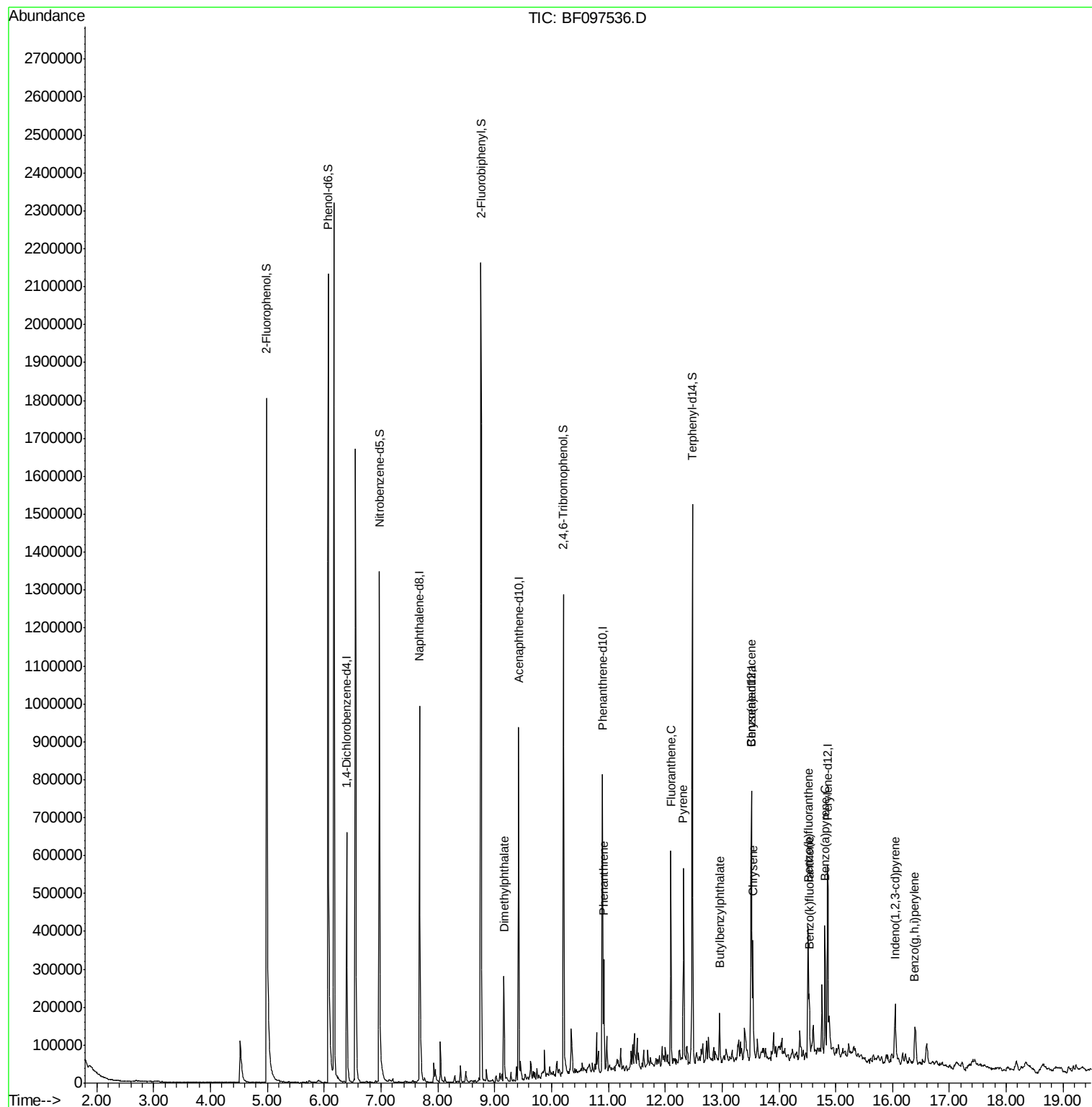
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
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ALS Vial : 15 Sample Multiplier: 1

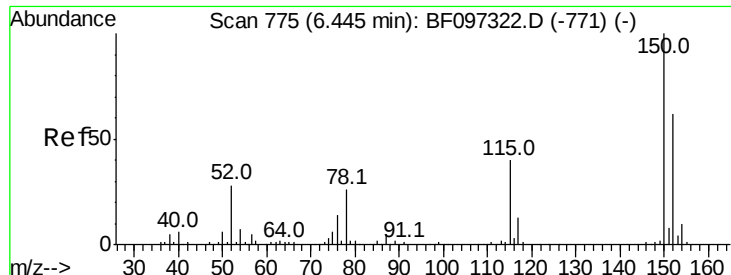
Instrument :
BNA_F
ClientSampleId :
E2-D10-BASE

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

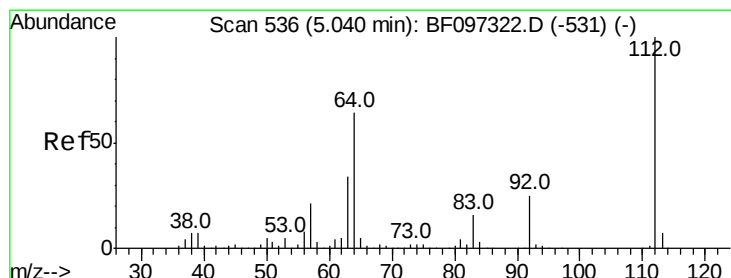
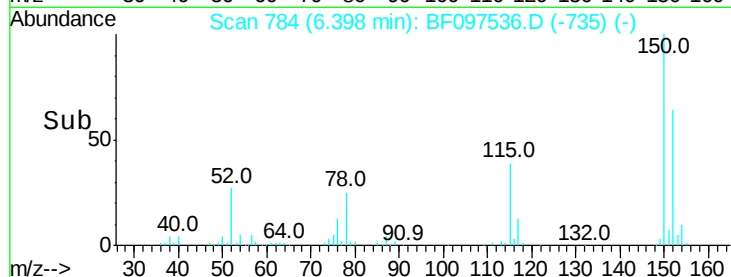
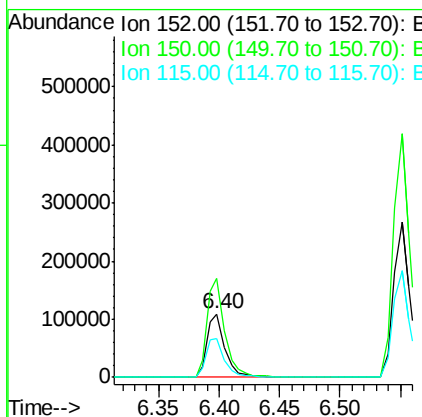
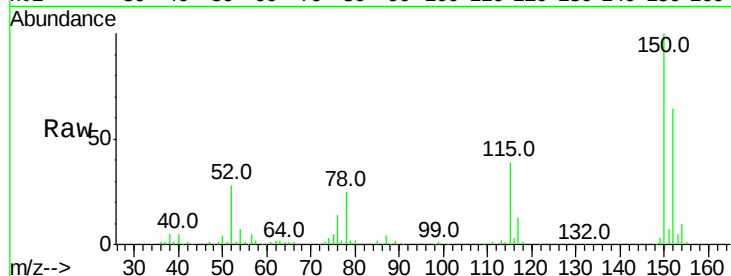
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF097536.D
Acq: 10 Aug 2017 00:47

Instrument :
BNA_F
ClientSampled :
E2-D10-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	61.0	52.2	78.2

Manual Integrations
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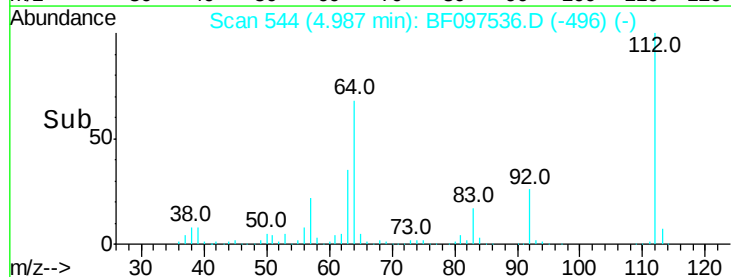
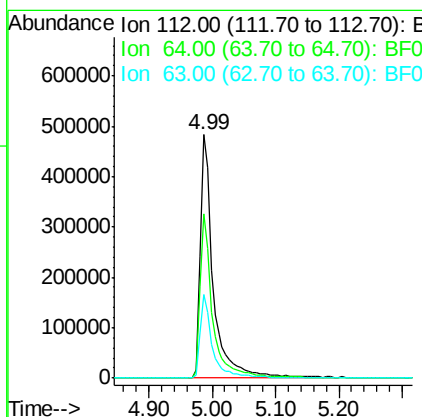
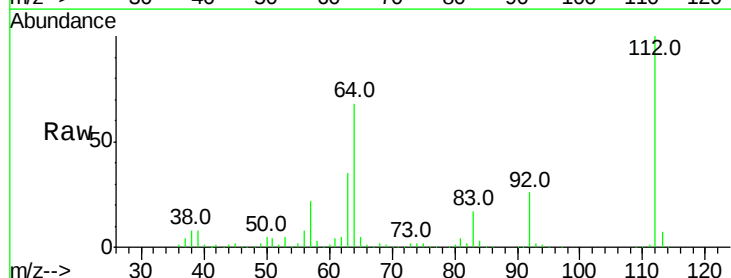
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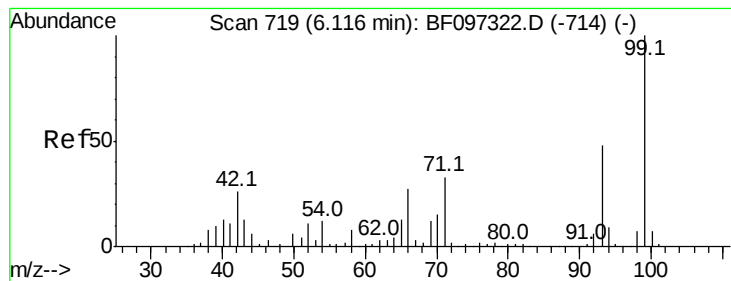


#5

2-Fluorophenol
Concen: 92.823 ng
RT: 4.99 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF097536.D
Acq: 10 Aug 2017 00:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	46.0	69.0
63	34.5	23.4	35.0





#7

Phenol-d6

Concen: 99.489 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF097536.D

Acq: 10 Aug 2017 00:47

Instrument :

BNA_F

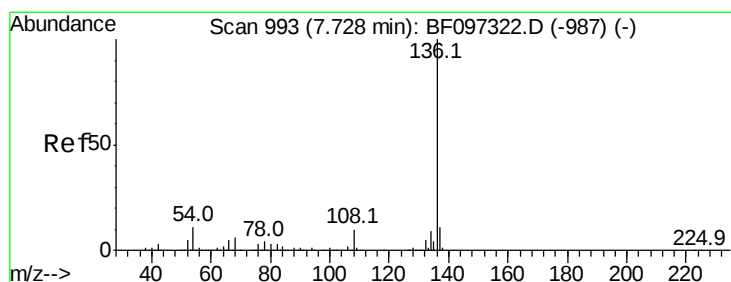
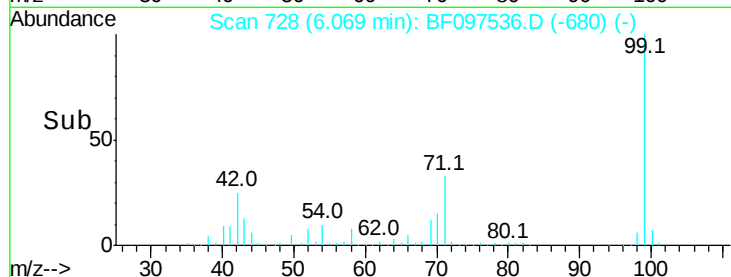
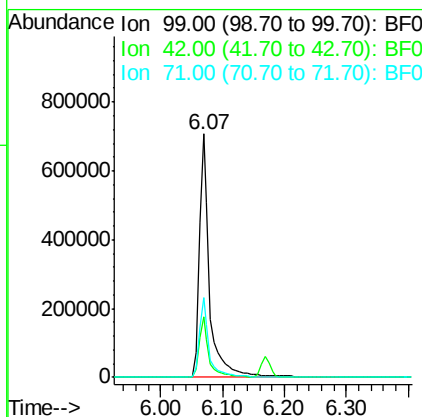
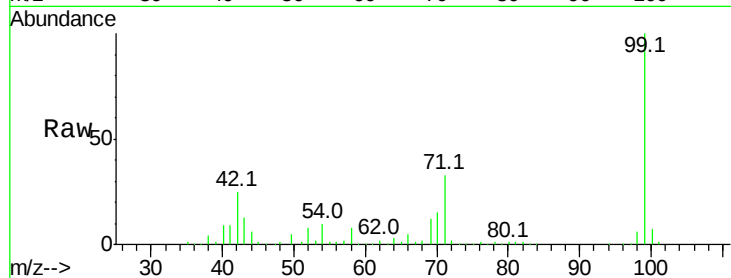
ClientSampleId :

E2-D10-BASE

Tot Ion:	99	Resp:	840765
Ion Ratio	Lower	Upper	
99	100		
42	24.8	13.5	20.3#
71	32.8	24.5	36.7

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

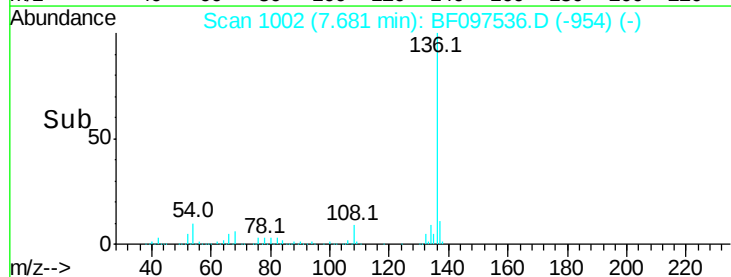
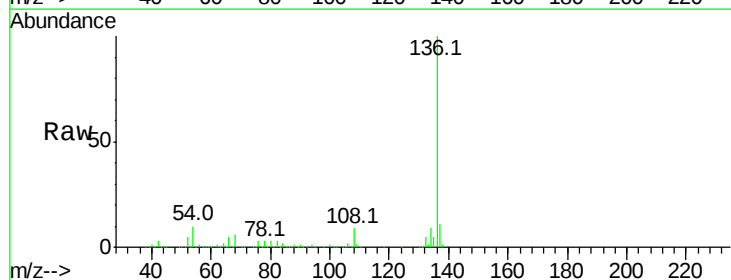
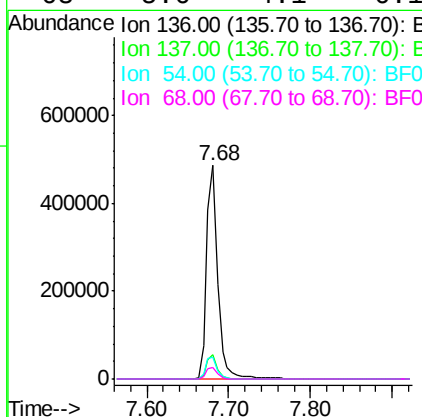
RT: 7.68 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF097536.D

Acq: 10 Aug 2017 00:47

Tgt Ion:	136	Resp:	465447
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	10.2	4.9	7.3#
68	5.6	4.1	6.1





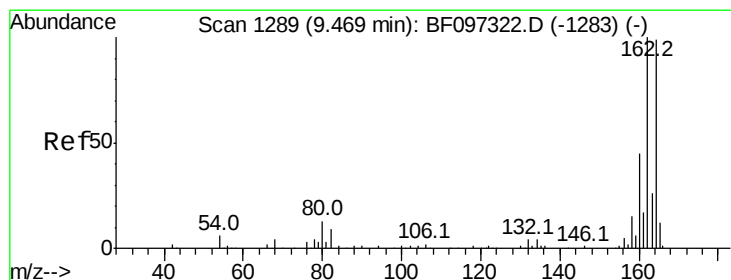
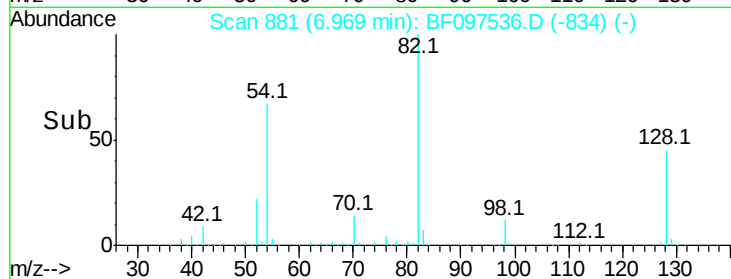
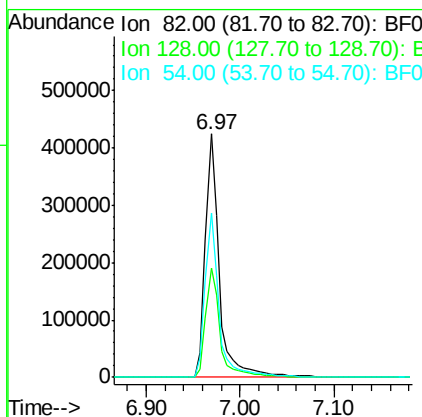
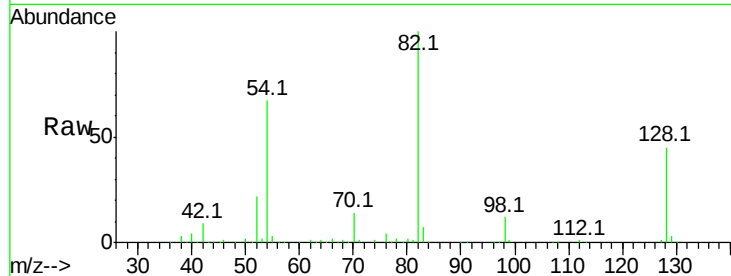
#23
 Nitrobenzene-d5
 Concen: 56.489 ng
 RT: 6.97 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF097536.D
 Acq: 10 Aug 2017 00:47

Instrument :
 BNA_F
 ClientSampled :
 E2-D10-BASE

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.0	34.0	51.0	
54	67.4	42.2	63.2	

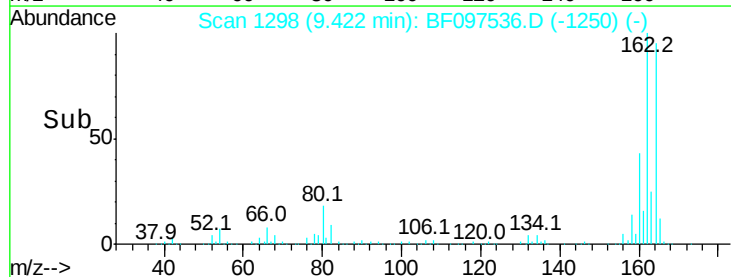
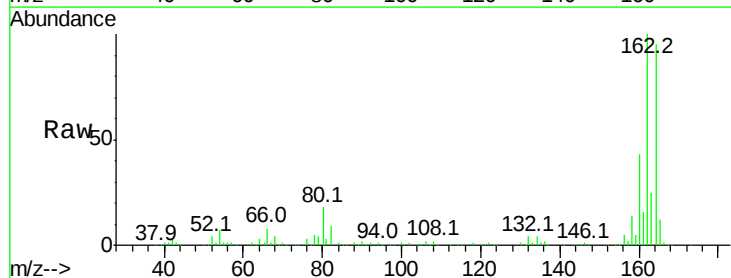
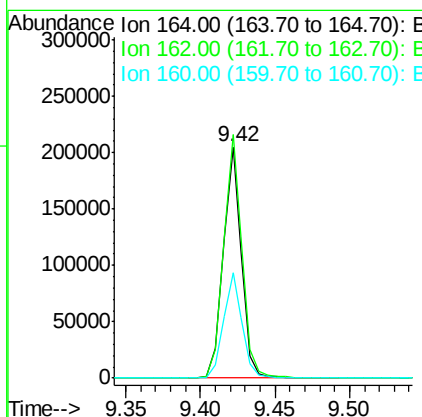
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.42 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF097536.D
 Acq: 10 Aug 2017 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.2	82.6	123.8	
160	45.7	36.2	54.2	





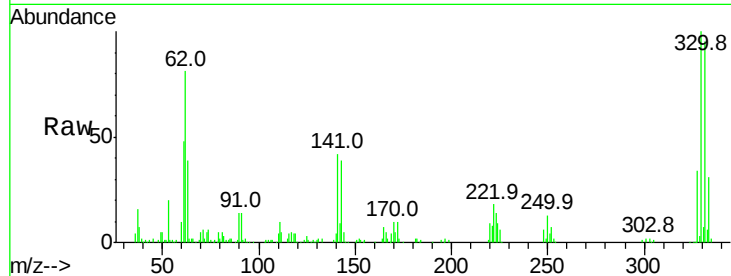
#41
 2,4,6-Tribromophenol
 Concen: 99.496 ng
 RT: 10.21 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF097536.D
 Acq: 10 Aug 2017 00:47

Instrument :
 BNA_F
 ClientSampleId :
 E2-D10-BASE

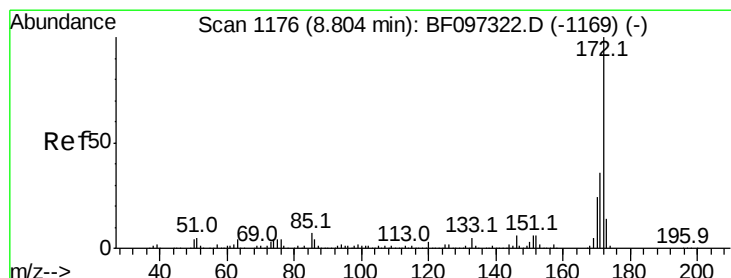
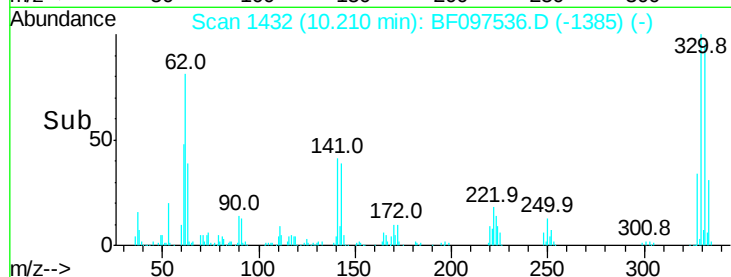
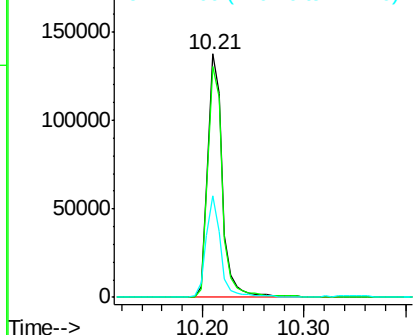
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	76.6	115.0	
141	42.0	31.4	47.2	

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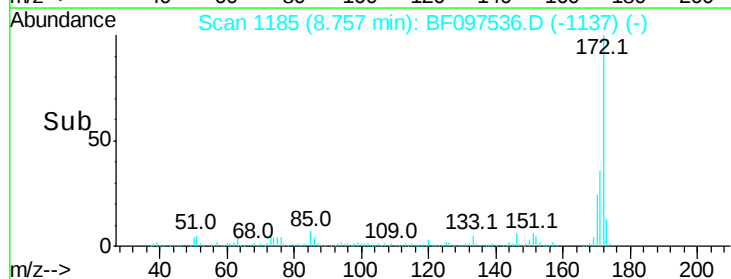
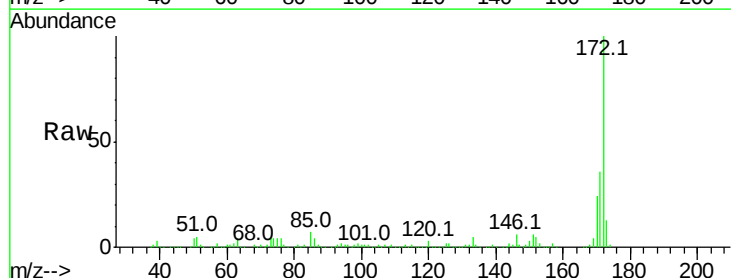
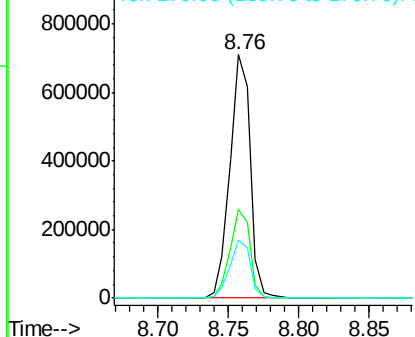
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

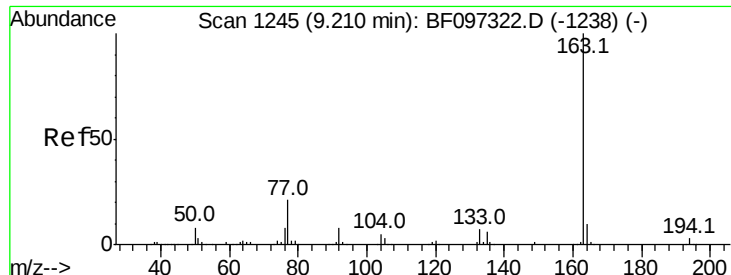


#44
 2-Fluorobiphenyl
 Concen: 68.889 ng
 RT: 8.76 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF097536.D
 Acq: 10 Aug 2017 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.2	29.6	44.4	
170	24.0	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





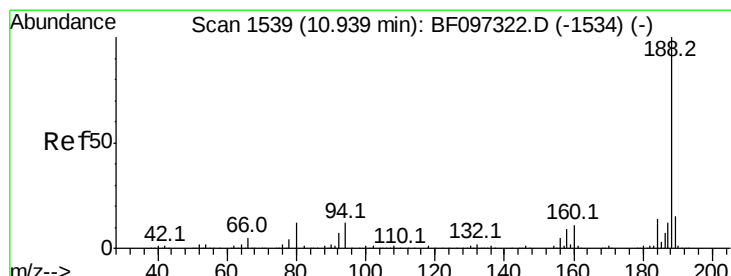
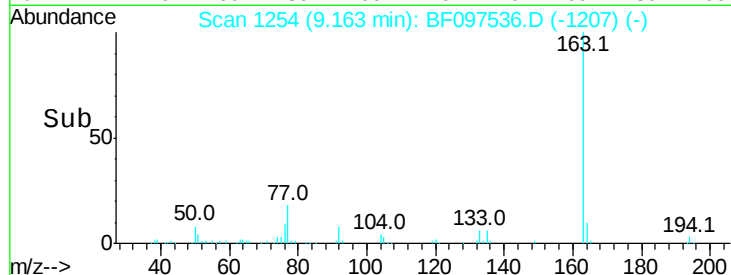
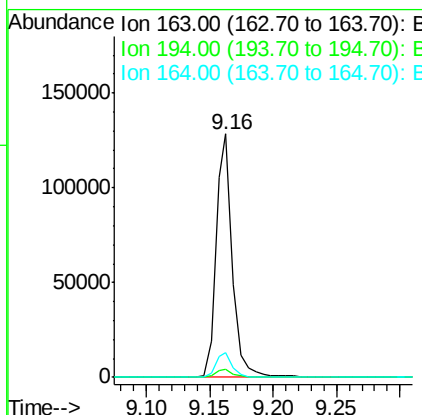
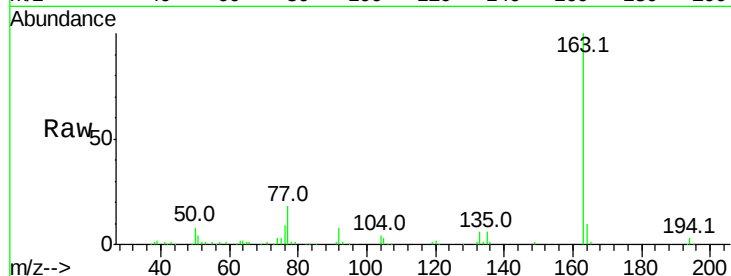
#49
Dimethylphthalate
Concen: 8.675 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097536.D
Acq: 10 Aug 2017 00:47

Instrument :
BNA_F
ClientSampleId :
E2-D10-BASE

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

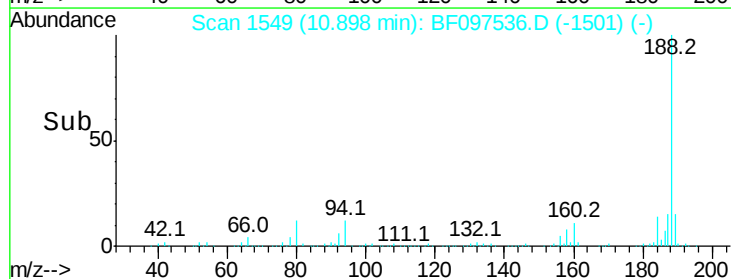
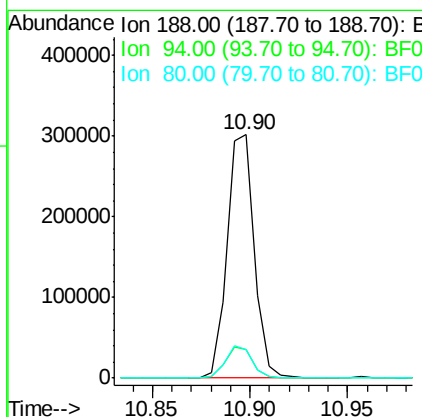
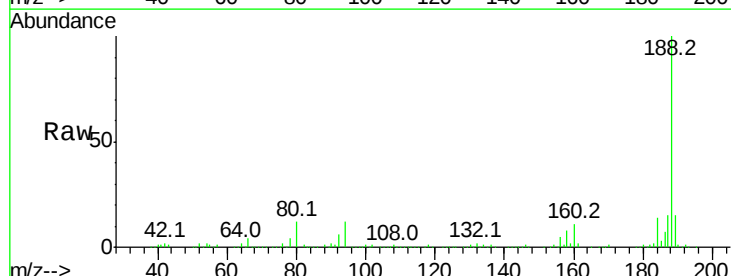
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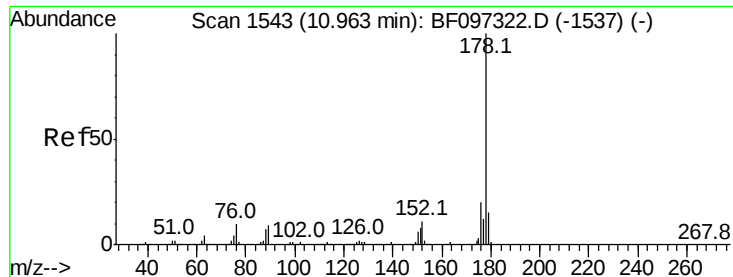
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF097536.D
Acq: 10 Aug 2017 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.6	9.4	14.2	
80	11.7	10.2	15.2	





#70

Phenanthrene

Concen: 7.490 ng

RT: 10.92 min Scan# 1553

Delta R.T. -0.02 min

Lab File: BF097536.D

Acq: 10 Aug 2017 00:47

Instrument :

BNA_F

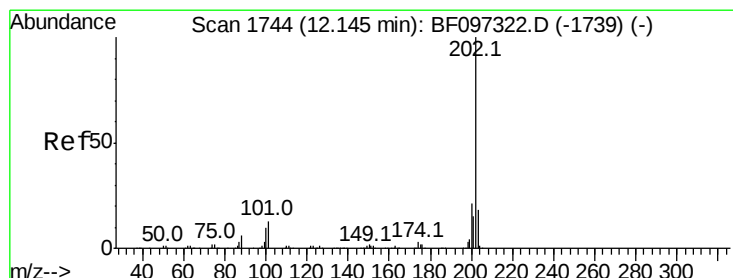
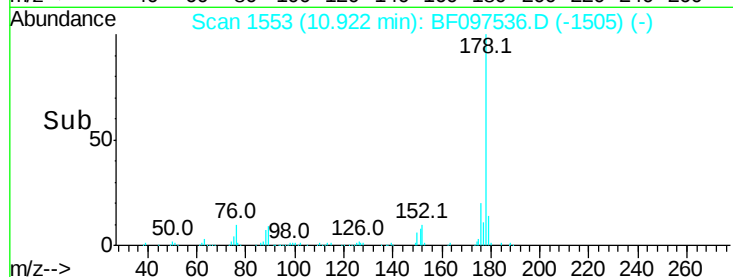
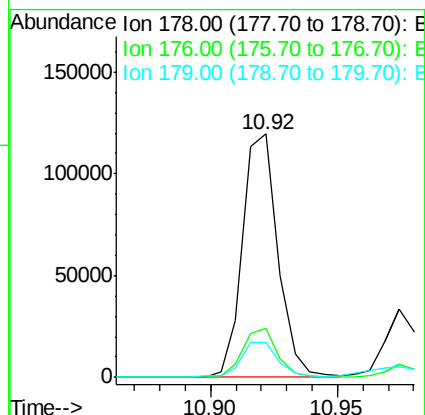
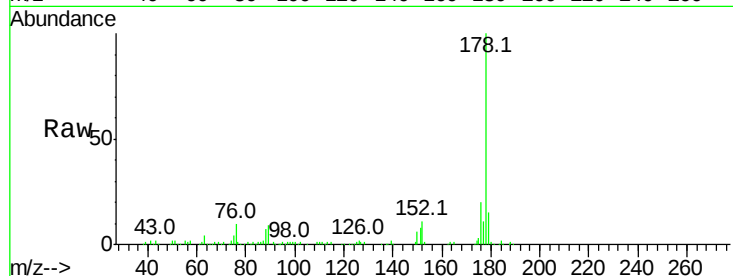
ClientSampleId :

E2-D10-BASE

Tot Ion:	178	Resp:	116477
Ion Ratio	Lower	Upper	
178	100		
176	20.2	16.2	24.4
179	14.6	12.6	19.0

Manual Integrations
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#74

Fluoranthene

Concen: 14.928 ng

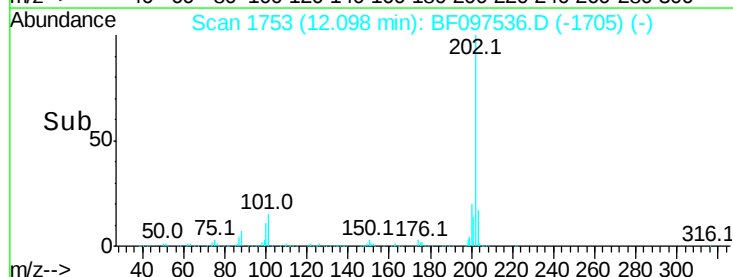
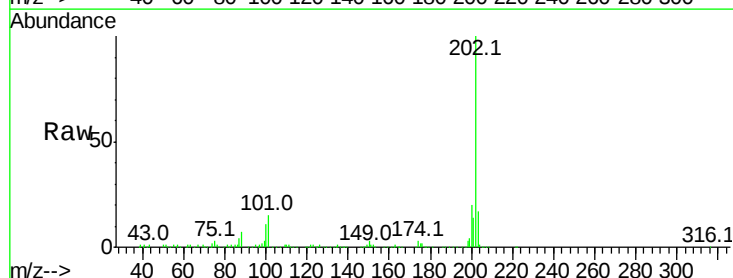
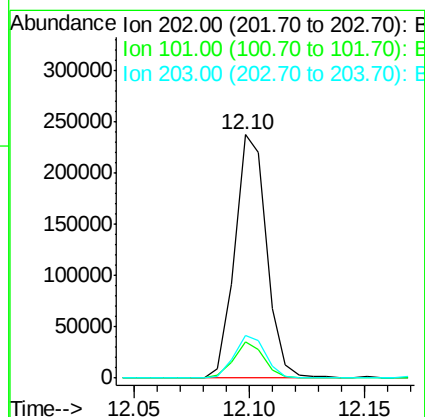
RT: 12.10 min Scan# 1753

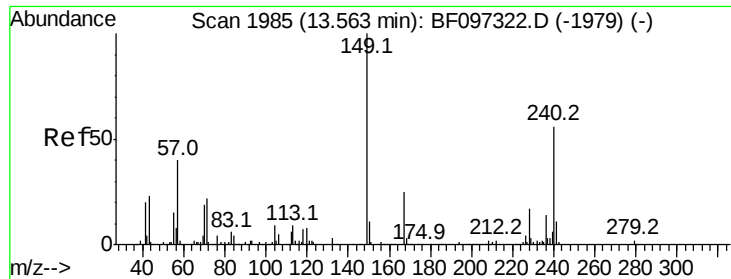
Delta R.T. -0.02 min

Lab File: BF097536.D

Acq: 10 Aug 2017 00:47

Tgt Ion:	202	Resp:	227419
Ion Ratio	Lower	Upper	
202	100		
101	14.7	0.0	33.2
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.52 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF097536.D

Acq: 10 Aug 2017 00:47

Instrument :

BNA_F

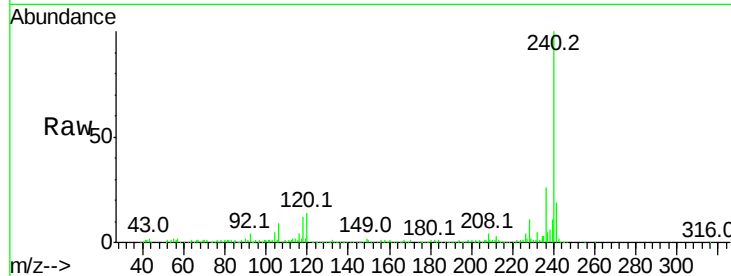
ClientSampled :

E2-D10-BASE

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	25.7	20.5	30.7

Manual Integrations
APPROVED

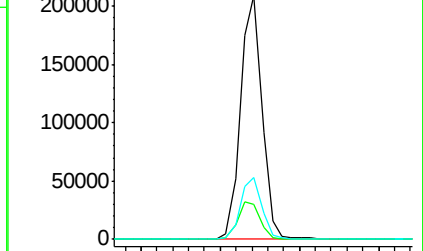
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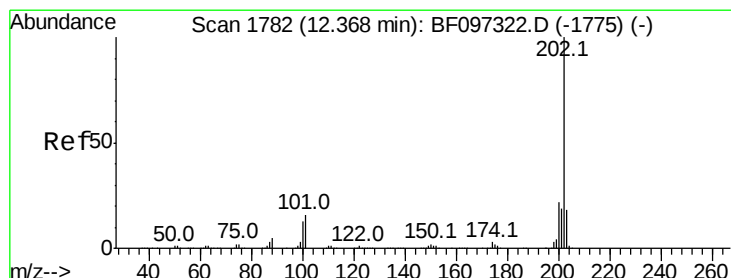
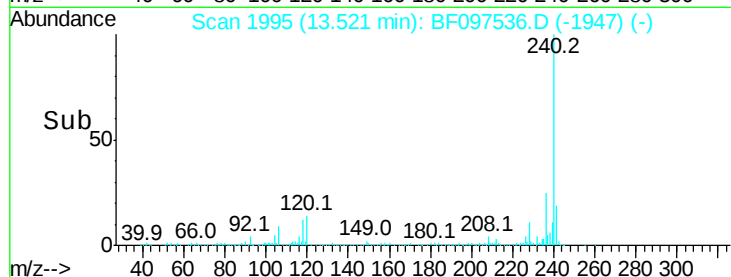
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Pyrene

Concen: 12.156 ng

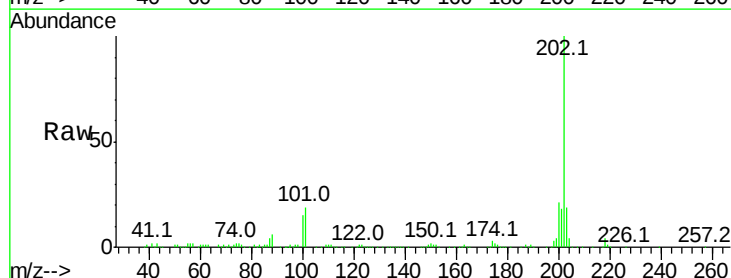
RT: 12.32 min Scan# 1791

Delta R.T. -0.02 min

Lab File: BF097536.D

Acq: 10 Aug 2017 00:47

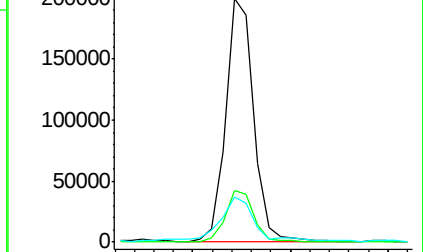
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	18.7	14.4	21.6



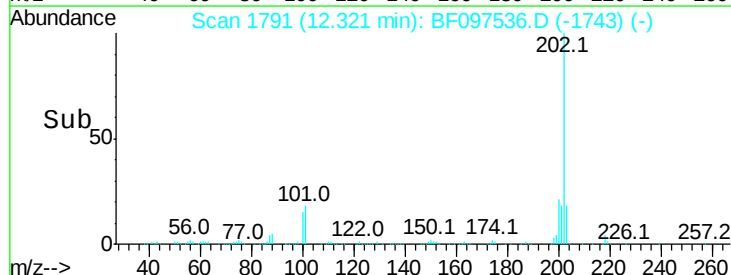
Abundance Ion 202.00 (201.70 to 202.70): E

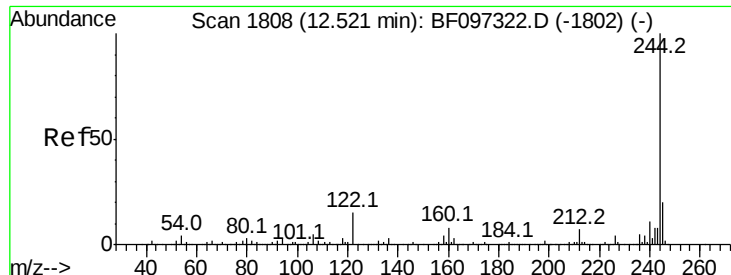
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





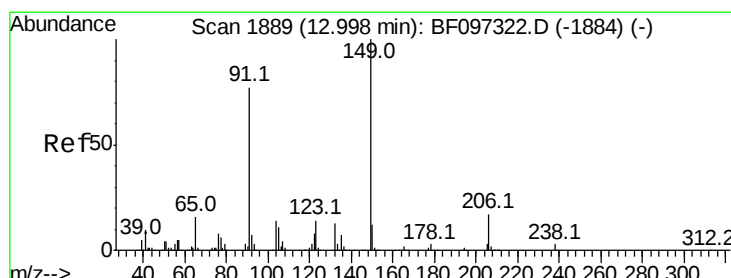
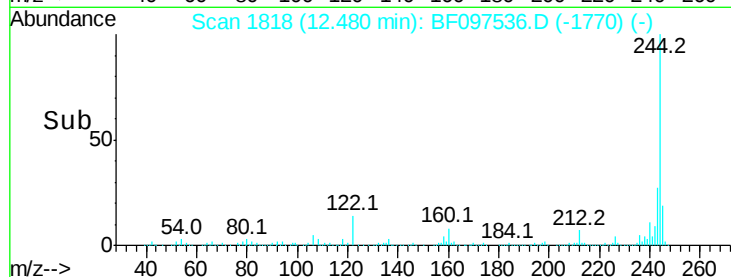
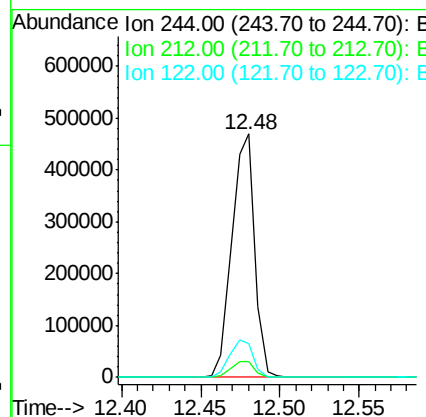
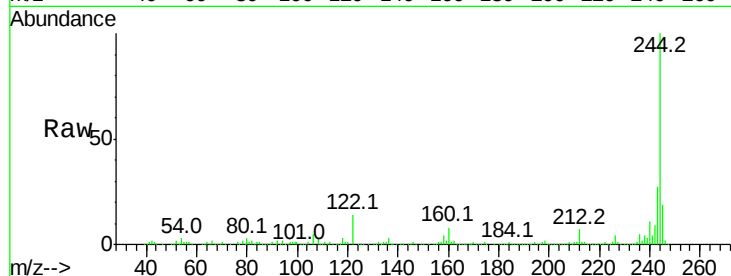
#78
 Terphenyl-d14
 Concen: 48.468 ng
 RT: 12.48 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF097536.D
 Acq: 10 Aug 2017 00:47

Instrument :
 BNA_F
 ClientSampleId :
 E2-D10-BASE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	13.8	10.3	15.5

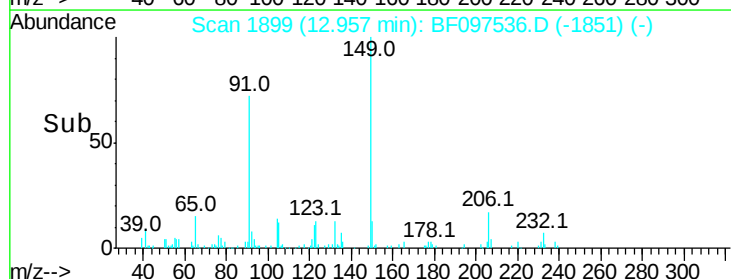
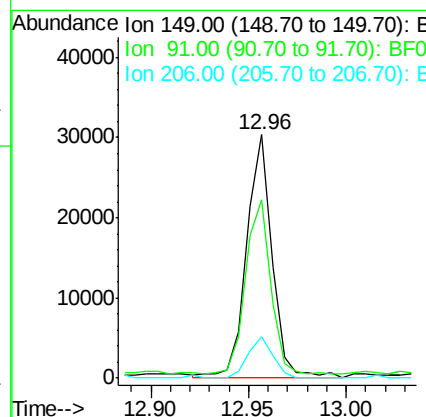
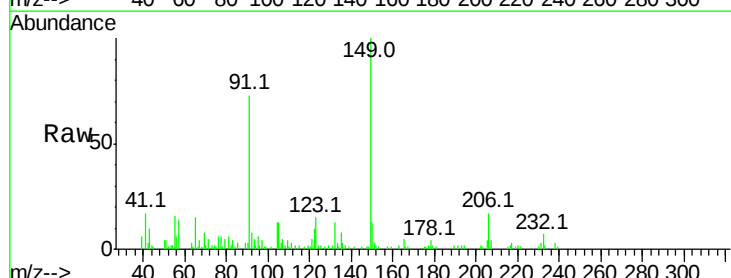
Manual Integrations
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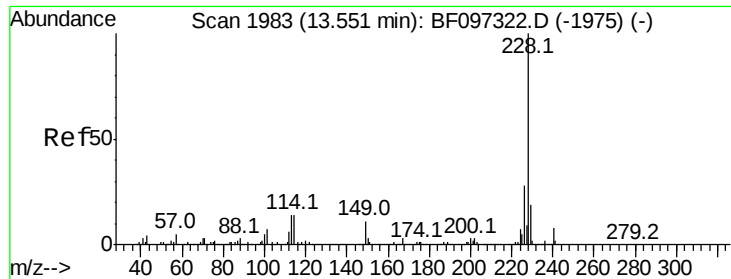
Sohil
 8/10/2017 6:07:55 PM



#79
 Butylbenzylphthalate
 Concen: 3.398 ng
 RT: 12.96 min Scan# 1899
 Delta R.T. -0.02 min
 Lab File: BF097536.D
 Acq: 10 Aug 2017 00:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.3	45.0	67.4#
206	17.1	17.0	25.6





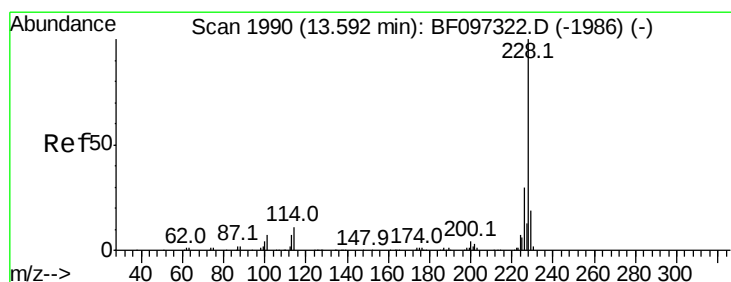
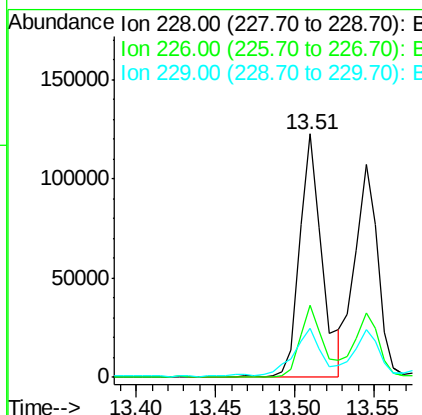
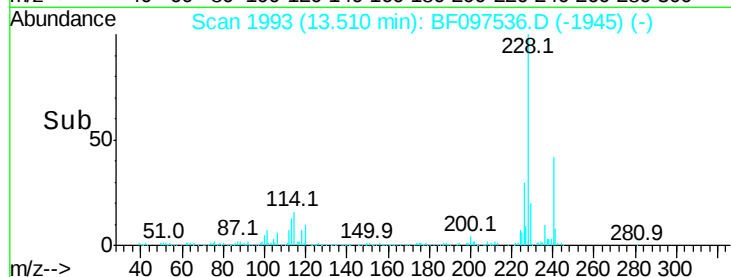
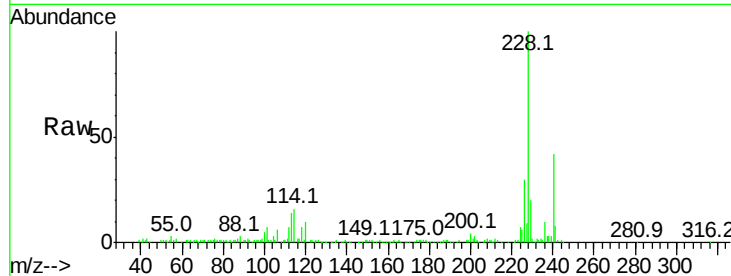
#80
Benzo(a)anthracene
Concen: 9.570 ng
RT: 13.51 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097536.D
Acq: 10 Aug 2017 00:47

Instrument :
BNA_F
ClientSampleId :
E2-D10-BASE

Tot Ion:	228	Resp:	121217
Ion Ratio	Lower	Upper	
228	100		
226	29.8	22.6	33.8
229	20.2	16.3	24.5

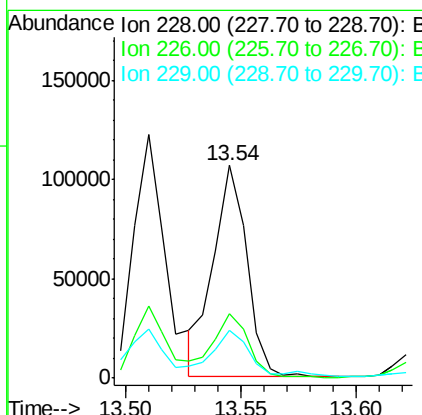
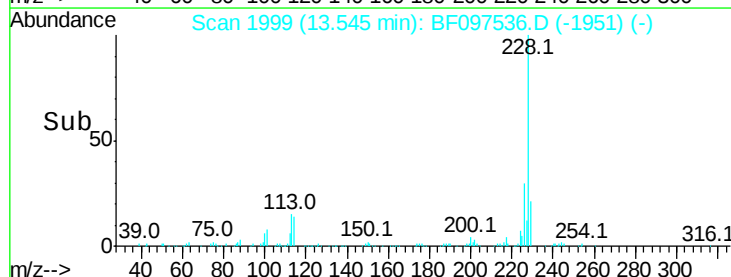
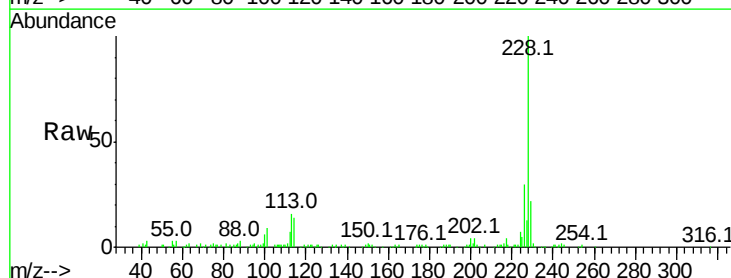
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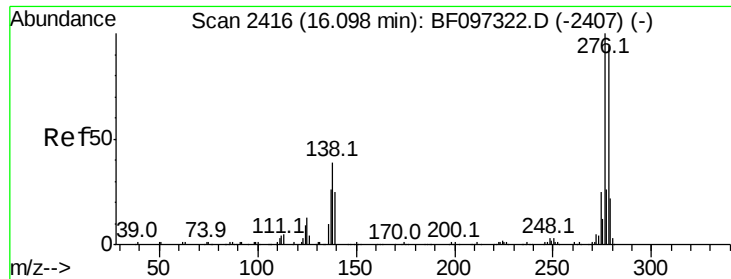
Sohil
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#82
Chrysene
Concen: 8.753 ng
RT: 13.54 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF097536.D
Acq: 10 Aug 2017 00:47

Tgt Ion:	228	Resp:	108269
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.9	37.3
229	22.3	15.8	23.6





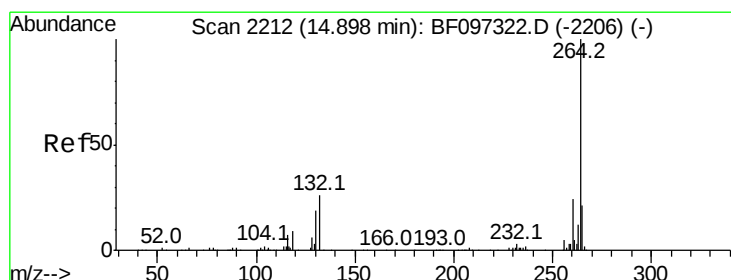
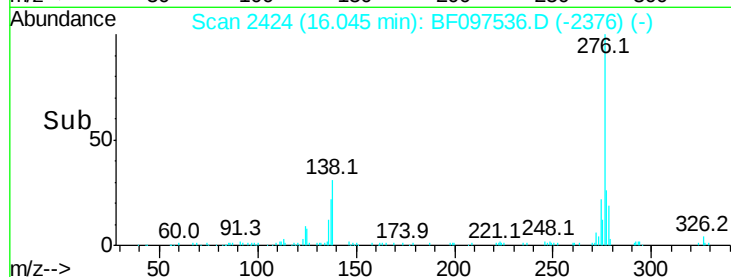
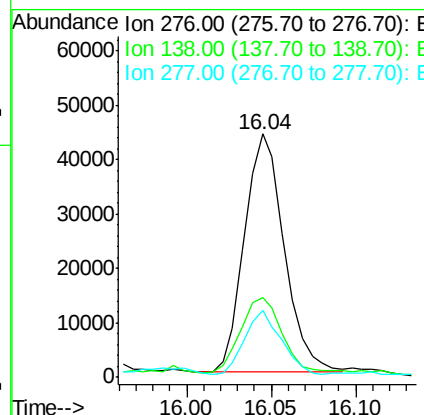
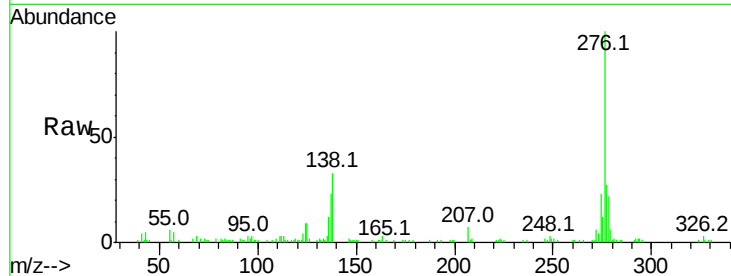
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.789 ng
 RT: 16.04 min Scan# 2424
 Delta R.T. -0.02 min
 Lab File: BF097536.D
 Acq: 10 Aug 2017 00:47

Instrument :
 BNA_F
 ClientSampleId :
 E2-D10-BASE

Tot Ion:	276	Resp:	72005
Ion Ratio	Lower	Upper	
276	100		
138	32.9	27.8	41.6
277	24.2	20.2	30.4

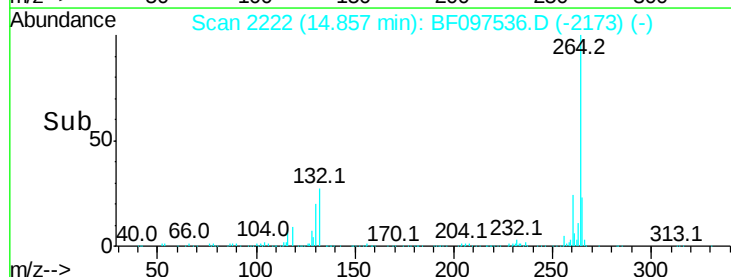
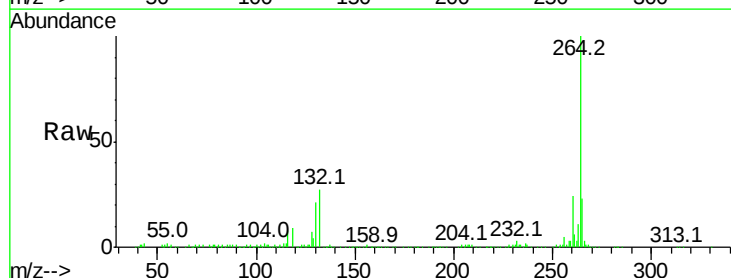
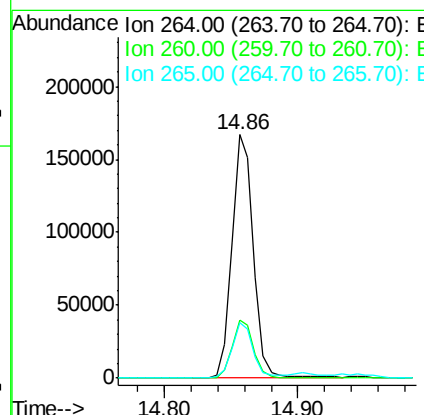
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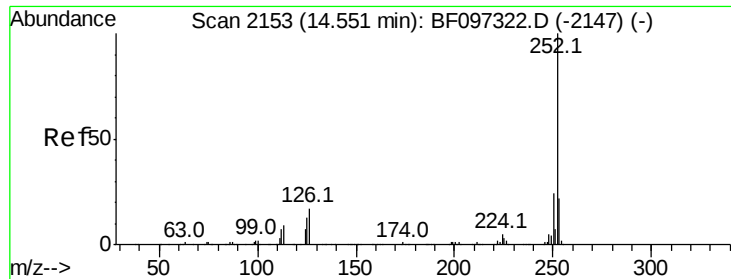
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.86 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BF097536.D
 Acq: 10 Aug 2017 00:47

Tgt Ion:	264	Resp:	189451
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.5	29.3
265	22.9	17.2	25.8





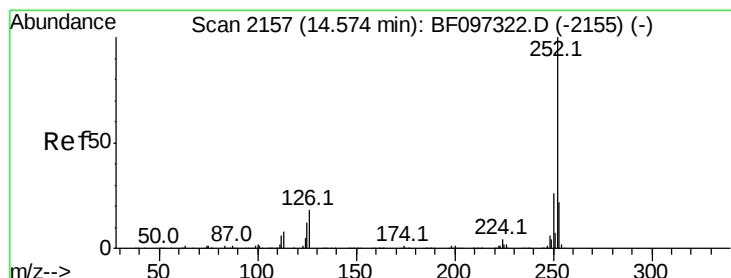
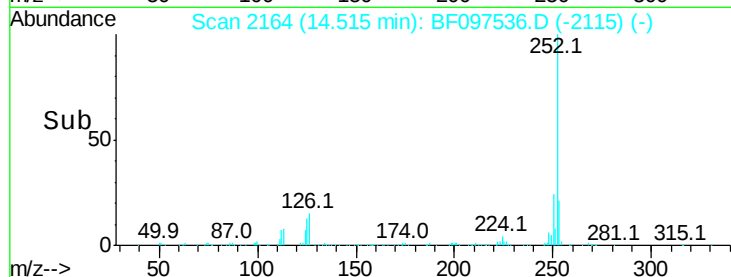
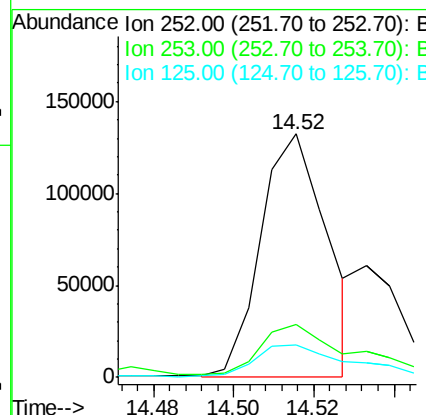
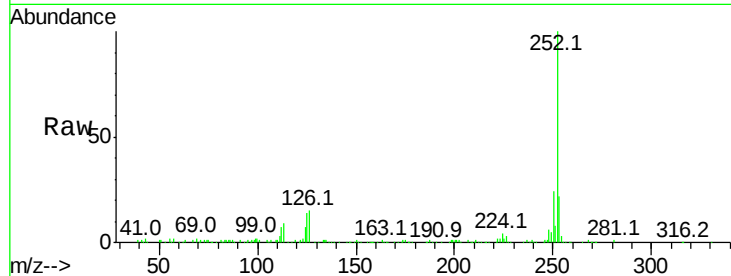
#87
Benzo(b)fluoranthene
Concen: 13.396 ng m
RT: 14.52 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF097536.D
Acq: 10 Aug 2017 00:47

Instrument :
BNA_F
ClientSampleId :
E2-D10-BASE

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	13.5	9.8	14.8

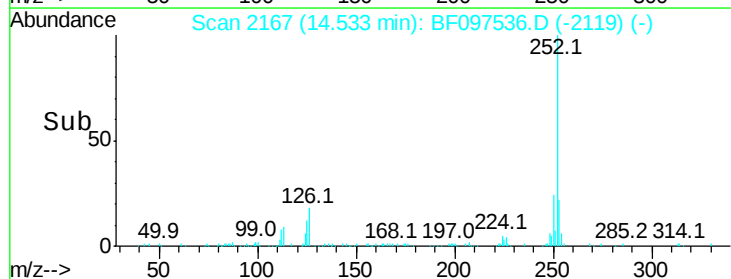
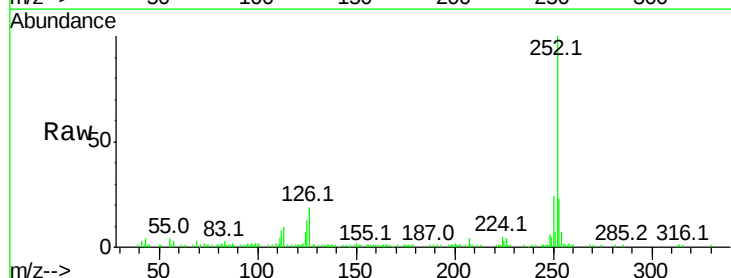
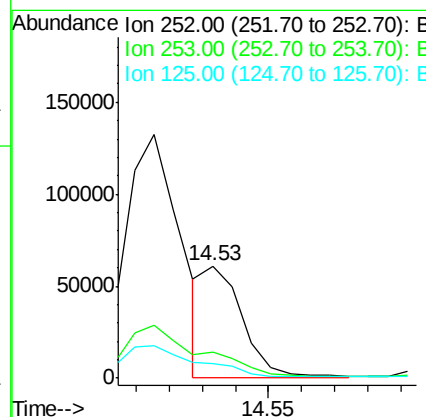
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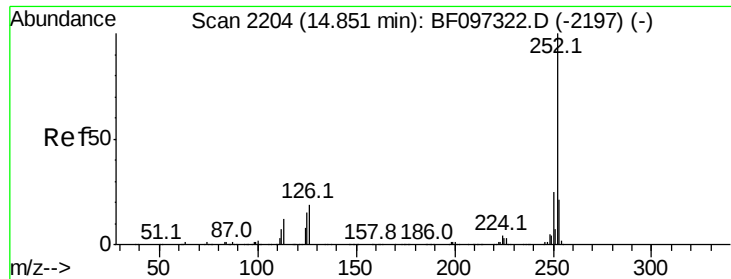
Sohil
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#88
Benzo(k)fluoranthene
Concen: 4.612 ng m
RT: 14.53 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF097536.D
Acq: 10 Aug 2017 00:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	12.7	13.1	19.7#





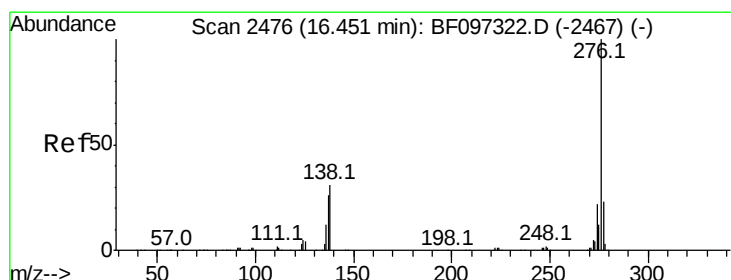
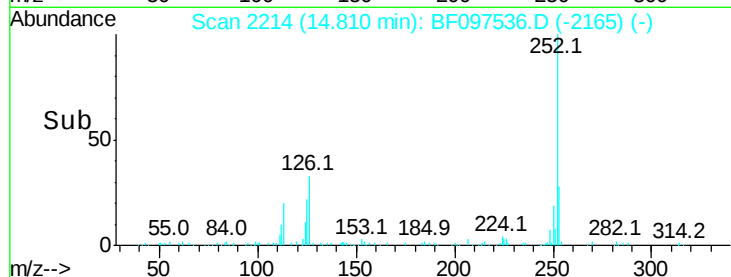
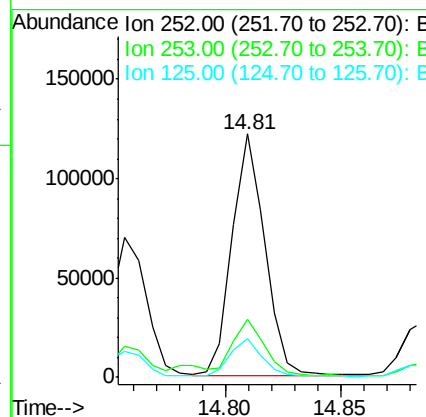
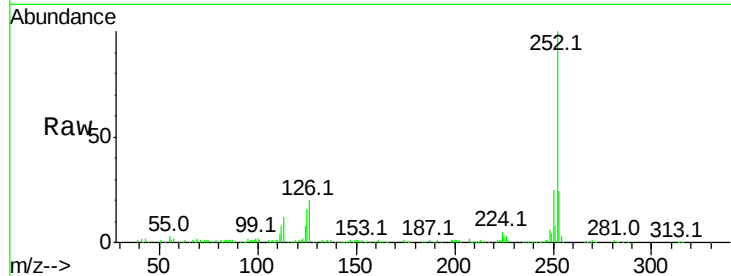
#89
Benzo(a)pyrene
Concen: 11.600 ng
RT: 14.81 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097536.D
Acq: 10 Aug 2017 00:47

Instrument :
BNA_F
ClientSampleId :
E2-D10-BASE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	15.9	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 7.380 ng
RT: 16.39 min Scan# 2483
Delta R.T. -0.02 min
Lab File: BF097536.D
Acq: 10 Aug 2017 00:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	35.4	25.4	38.0

