

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097163.D
 Acq On : 28 Jul 2017 19:35
 Operator : SJ/JU
 Sample : I4448-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TCM-ROW

Manual Integrations
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Sohil
 7/31/2017 6:52:15 PM

Quant Time: Jul 28 23:10:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	128714	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	549269	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	214132	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	370407	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	223481	20.00	ng	-0.02
86) Perylene-d12	14.96	264	218500	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	466321	54.62	ng	-0.02
7) Phenol-d6	6.15	99	579719	59.47	ng	-0.02
23) Nitrobenzene-d5	7.05	82	308170	32.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	92612	54.74	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	463227	36.71	ng	-0.02
78) Terphenyl-d14	12.57	244	279552	25.50	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.25	163	103338	6.355	ng	Qvalue 97
59) Diethylphthalate	9.95	149	31650	2.122	ng	99
70) Phenanthrene	11.01	178	234740	11.828	ng	98
71) Anthracene	11.06	178	55482	2.729	ng	98
74) Fluoranthene	12.19	202	351382	18.073	ng	97
77) Pyrene	12.42	202	283543	15.498	ng	98
80) Benzo(a)anthracene	13.60	228	151849	10.501	ng	97
82) Chrysene	13.64	228	152142	10.775	ng	97
85) Indeno(1,2,3-cd)pyrene	16.18	276	78155	6.455	ng	98
87) Benzo(b)fluoranthene	14.60	252	191384m	14.571	ng	
88) Benzo(k)fluoranthene	14.62	252	64792m	5.177	ng	
89) Benzo(a)pyrene	14.91	252	124530	10.359	ng	94
90) Dibenzo(a,h)anthracene	16.18	278	25029	2.539	ng	# 75
91) Benzo(a,h,i)perylene	16.54	276	69228	6.697	ng	95

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

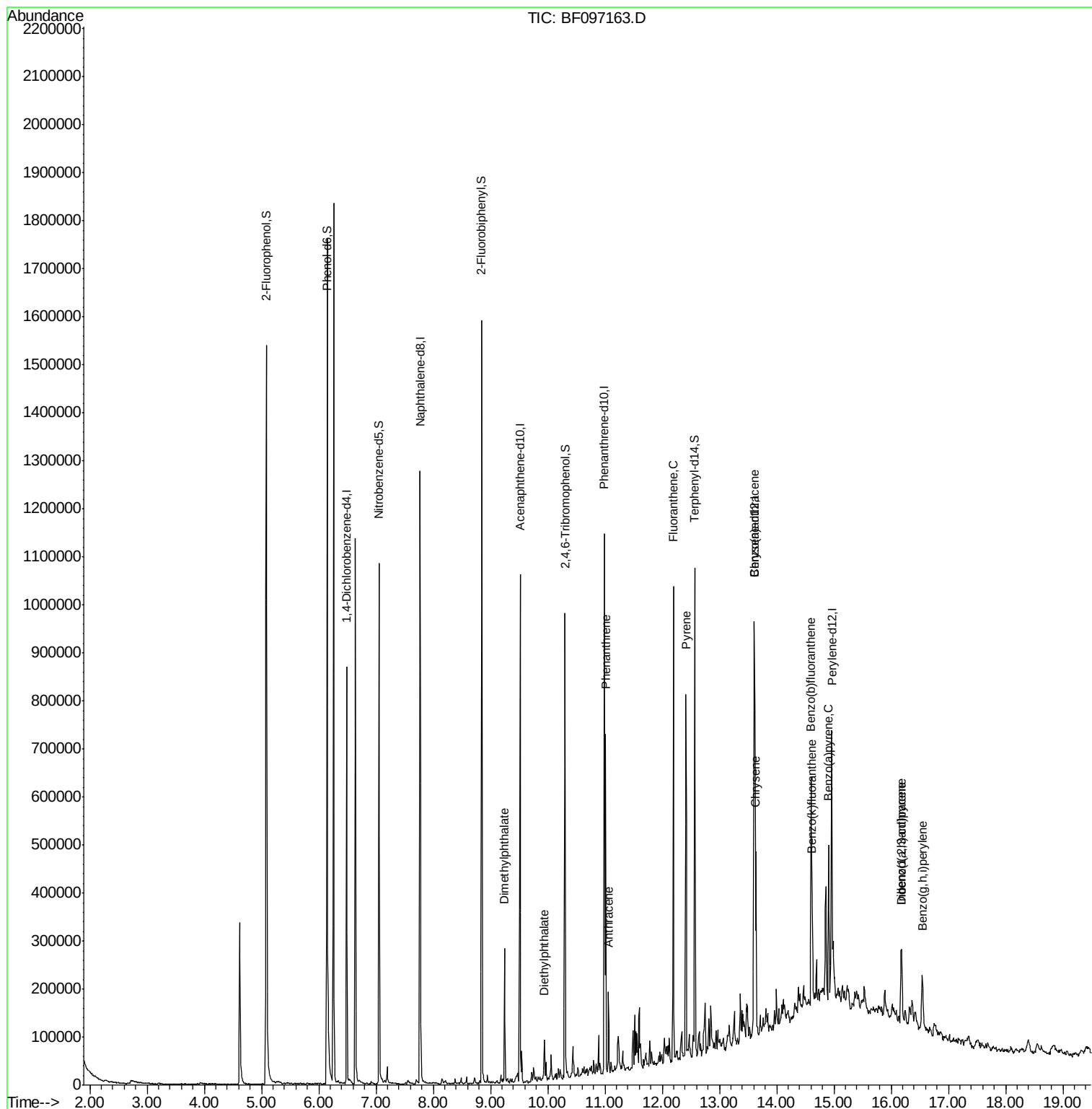
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
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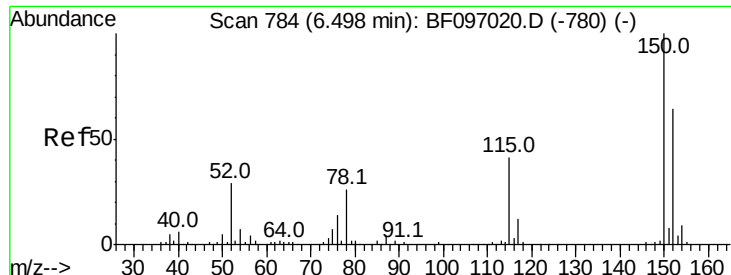
Instrument :
BNA_F
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Quant Time: Jul 28 23:10:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
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#1

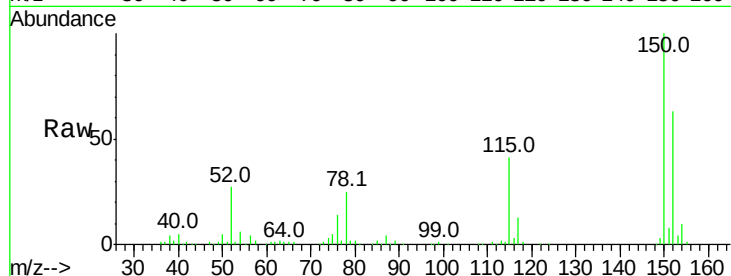
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Instrument :
BNA_F
ClientSampleId :
TCM-ROW

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	63.9	52.2	78.2

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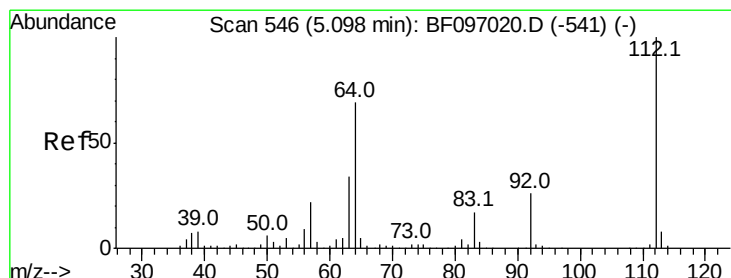
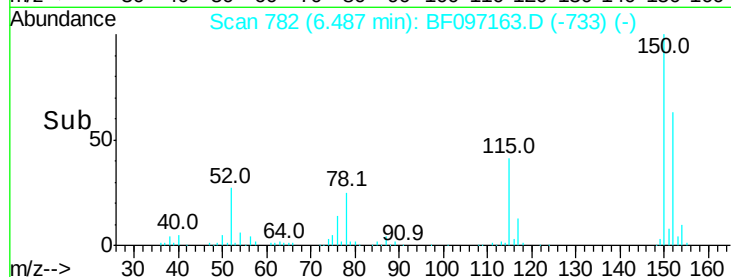
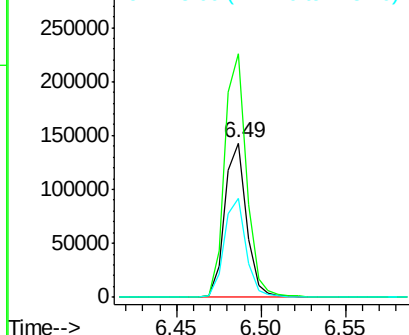


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

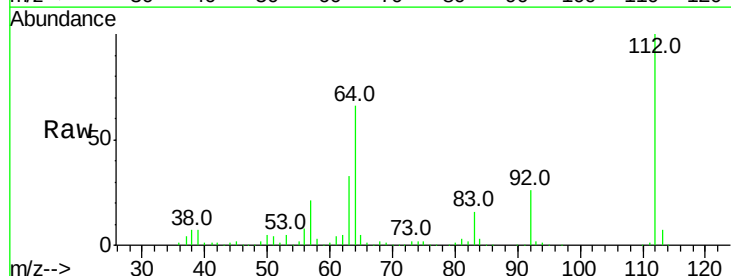
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 54.615 ng
RT: 5.08 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	46.0	69.0
63	33.4	23.4	35.0

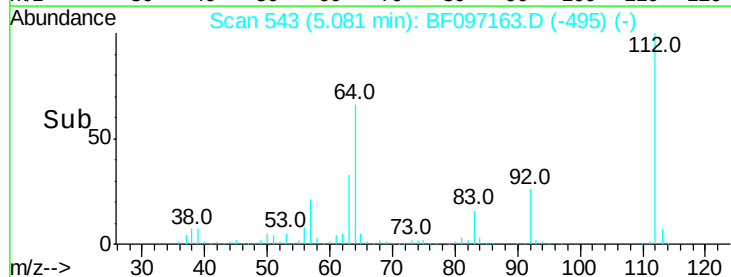
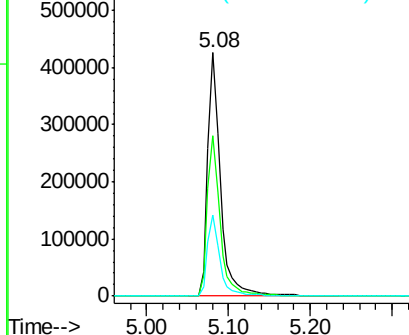


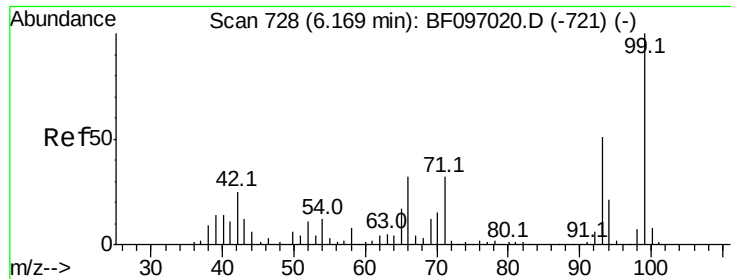
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 59.474 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF097163.D

Acq: 28 Jul 2017 19:35

Instrument :

BNA_F

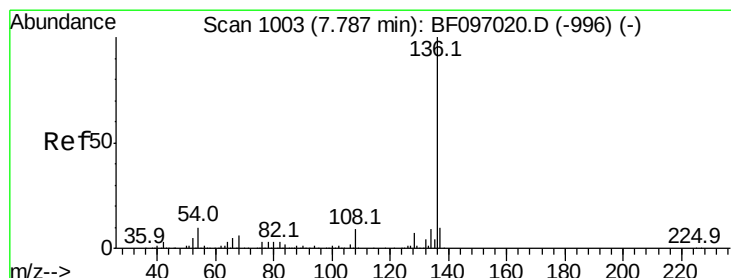
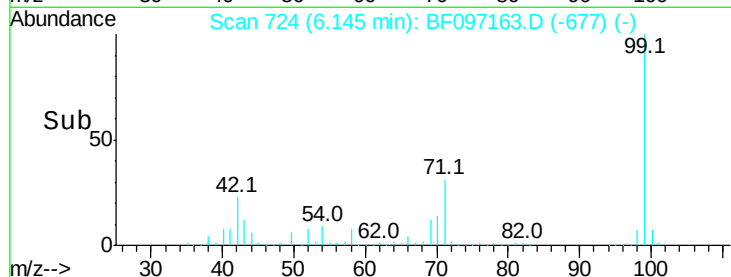
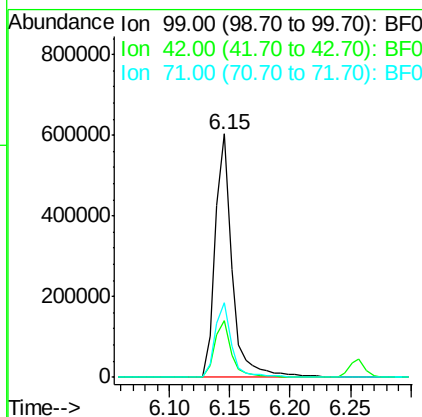
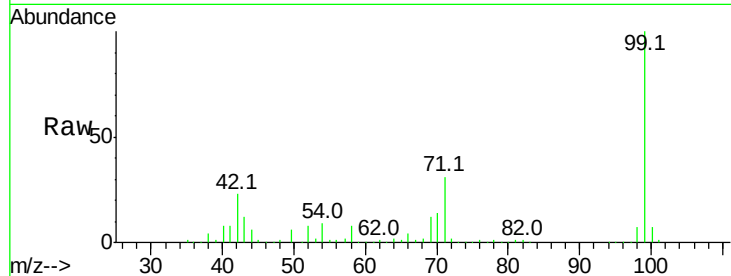
ClientSampled :

TCM-ROW

Tot Ion:	99	Resp:	579719
Ion Ratio	Lower	Upper	
99	100		
42	23.2	13.5	20.3#
71	30.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

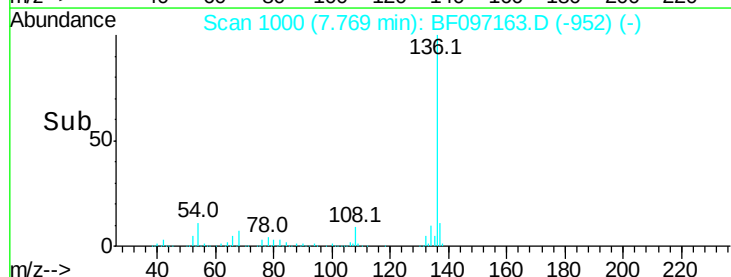
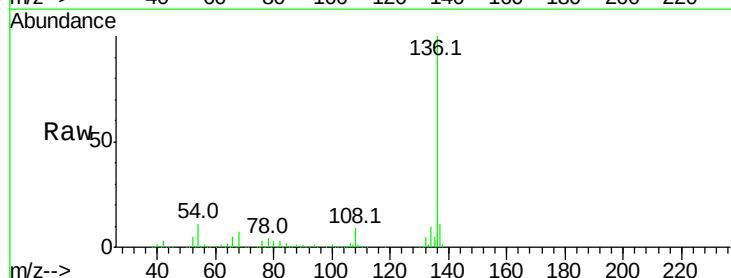
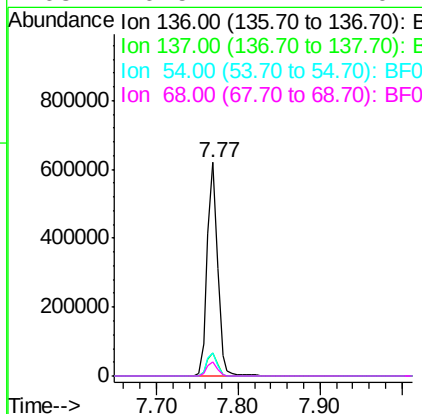
RT: 7.77 min Scan# 1000

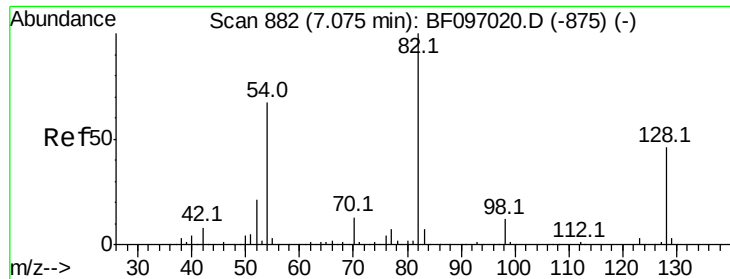
Delta R.T. -0.02 min

Lab File: BF097163.D

Acq: 28 Jul 2017 19:35

Tgt Ion:	136	Resp:	549269
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	11.0	4.9	7.3#
68	6.5	4.1	6.1#





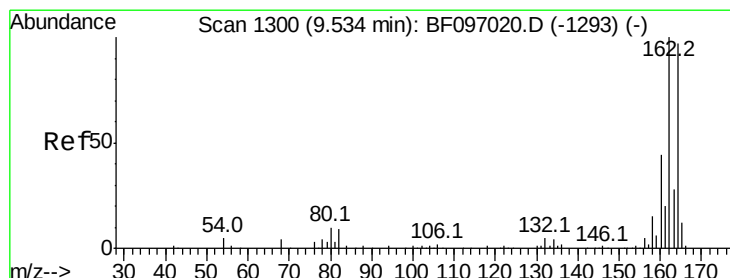
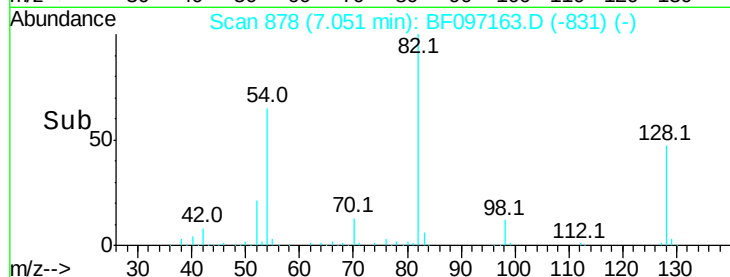
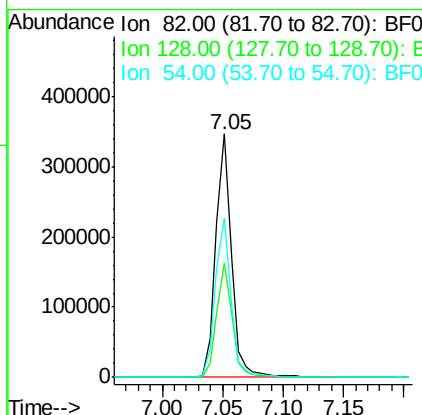
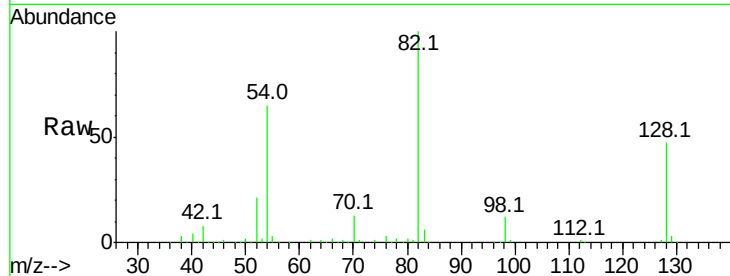
#23
Nitrobenzene-d5
Concen: 32.914 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Instrument :
BNA_F
ClientSampleId :
TCM-ROW

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	65.3	42.2	63.2

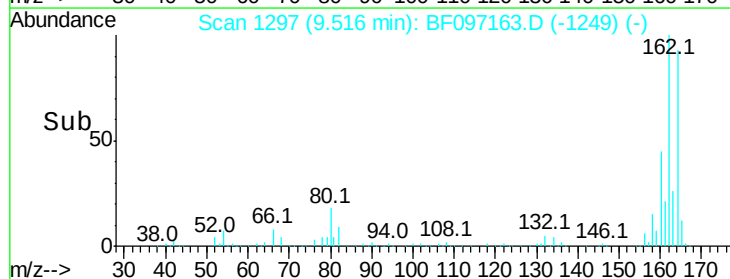
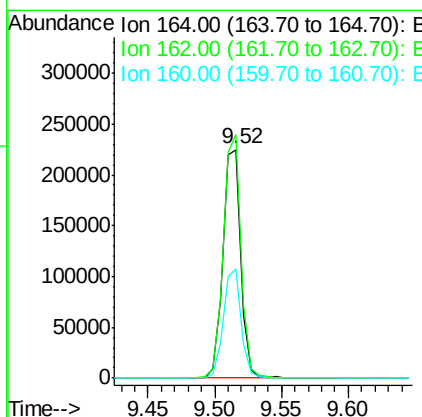
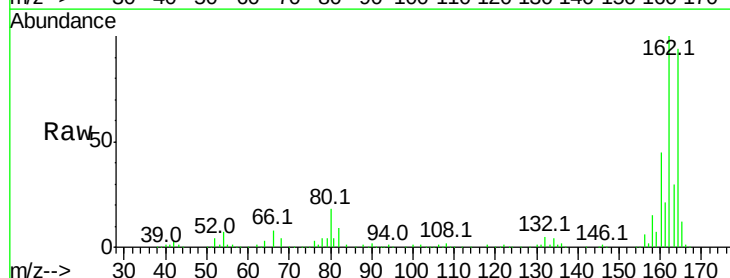
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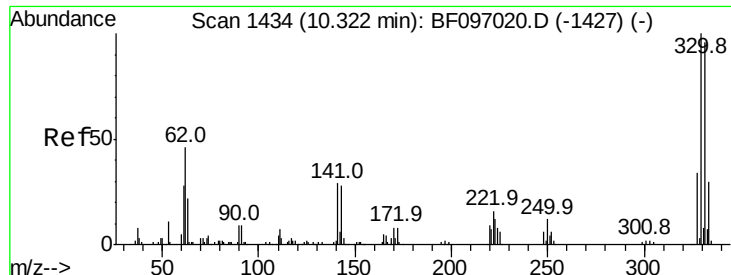
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	82.6	123.8
160	47.6	36.2	54.2





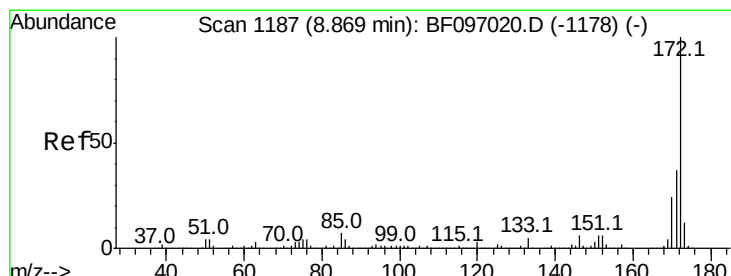
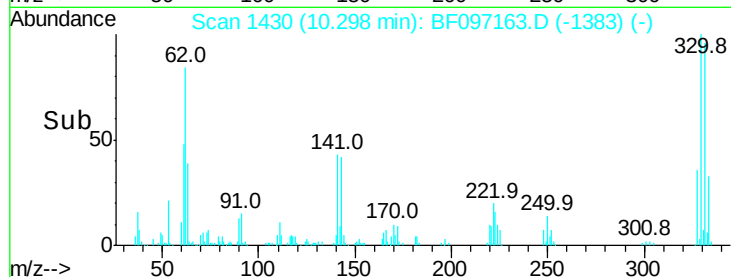
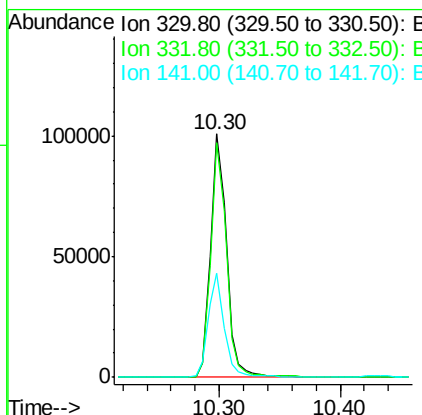
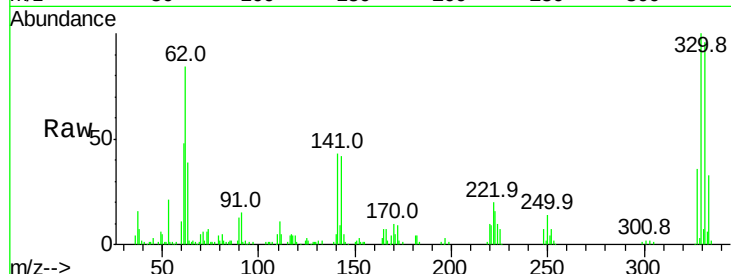
#41
 2,4,6-Tribromophenol
 Concen: 54.740 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097163.D
 Acq: 28 Jul 2017 19:35

Instrument :
 BNA_F
 ClientSampled :
 TCM-ROW

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.6	115.0
141	43.0	31.4	47.2

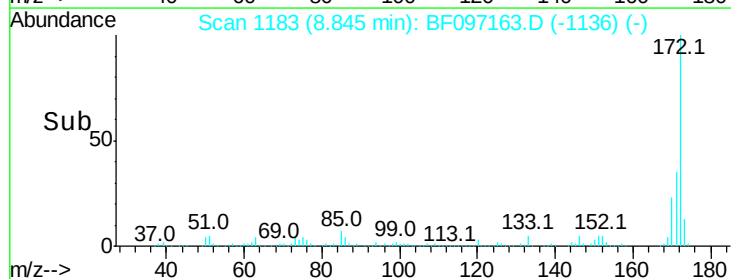
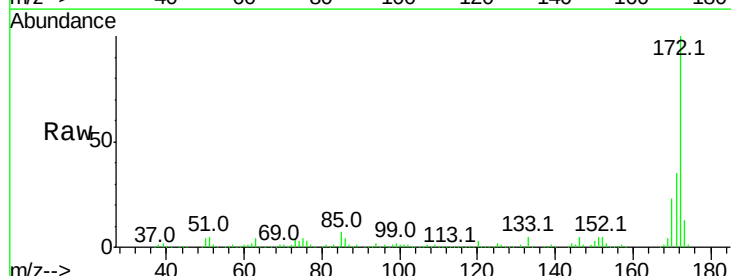
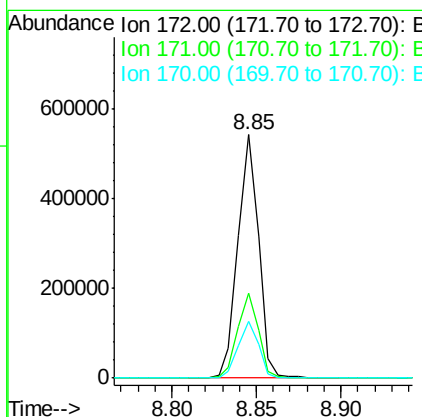
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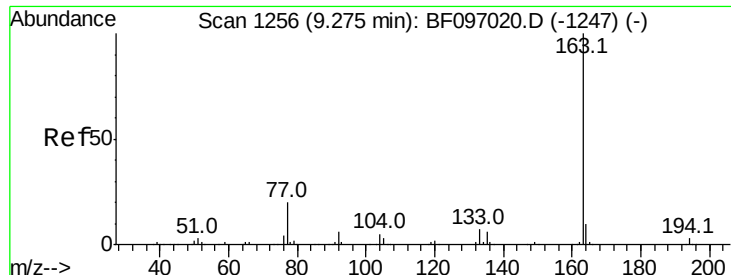
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#44
 2-Fluorobiphenyl
 Concen: 36.713 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF097163.D
 Acq: 28 Jul 2017 19:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	23.3	19.8	29.8





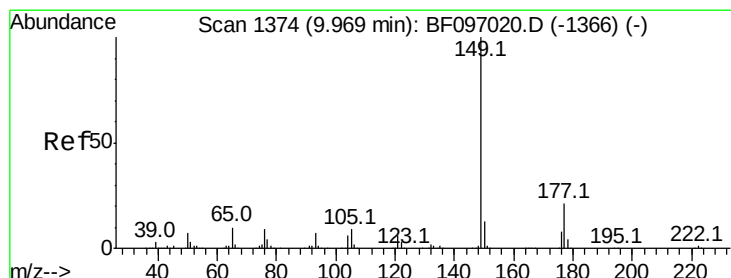
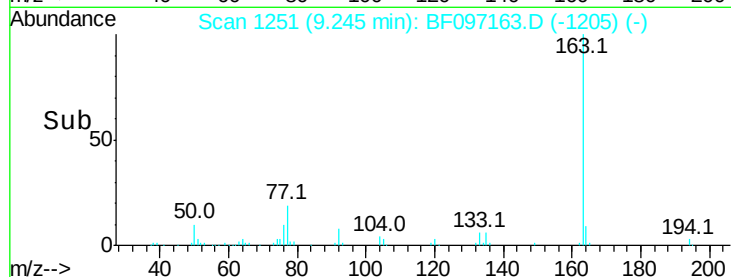
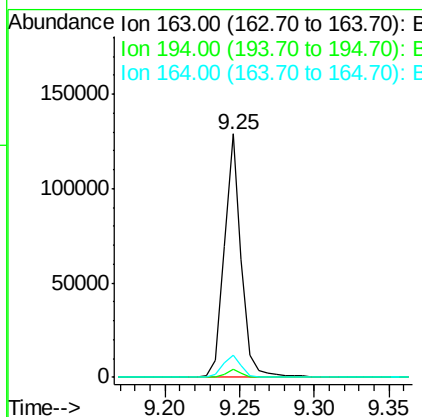
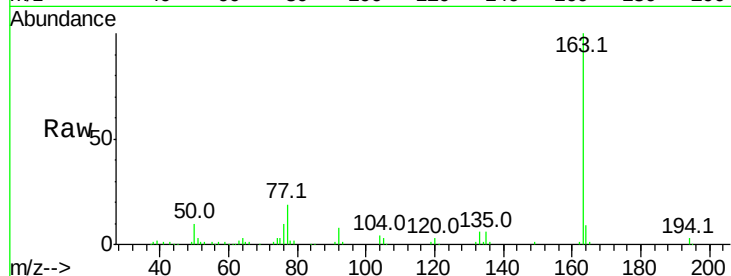
#49
Dimethylphthalate
Concen: 6.355 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Instrument :
BNA_F
ClientSampleId :
TCM-ROW

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	9.3	8.4	12.6	

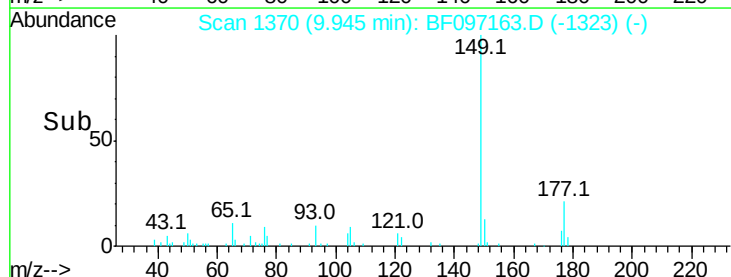
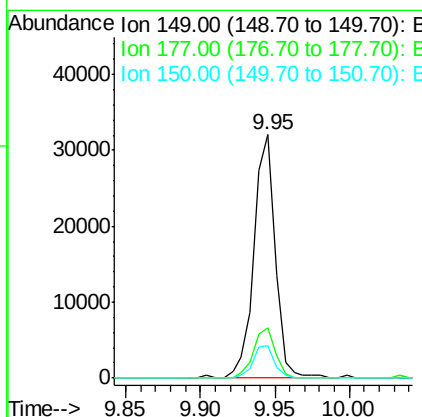
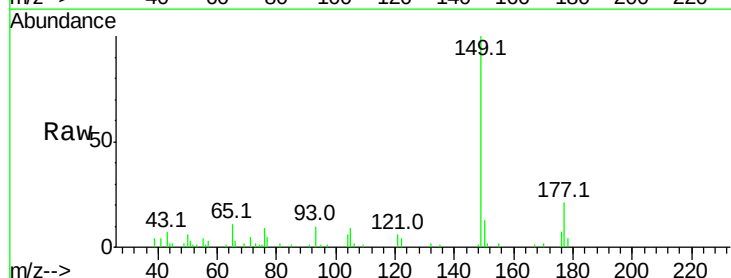
Manual Integrations
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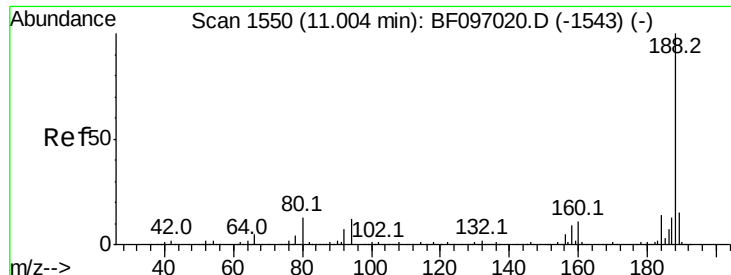
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#59
Diethylphthalate
Concen: 2.122 ng
RT: 9.95 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	20.7	16.7	25.1	
150	13.4	10.2	15.2	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.99 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF097163.D

Acq: 28 Jul 2017 19:35

Instrument :

BNA_F

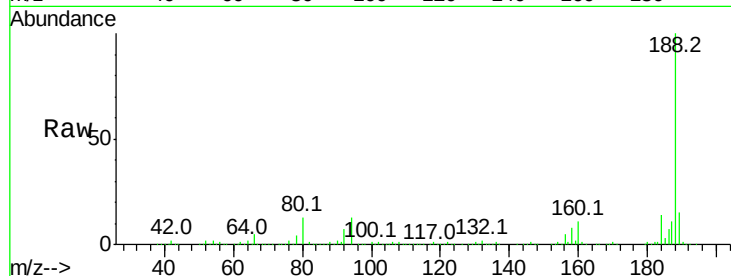
ClientSampled :

TCM-ROW

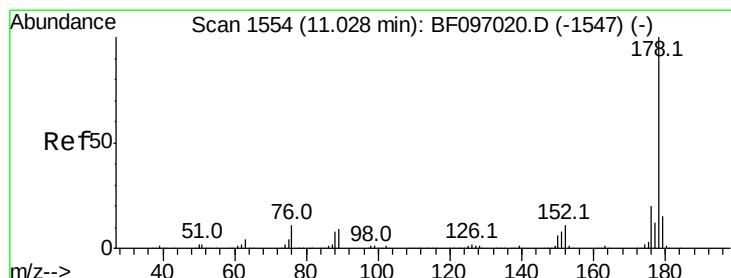
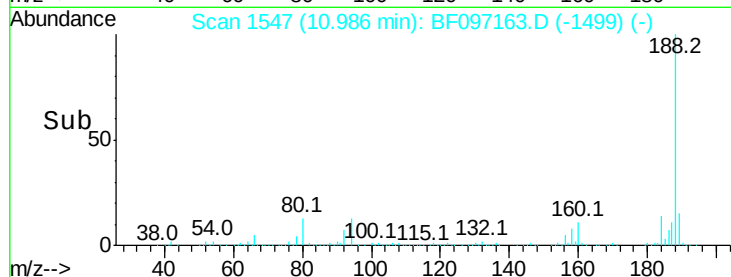
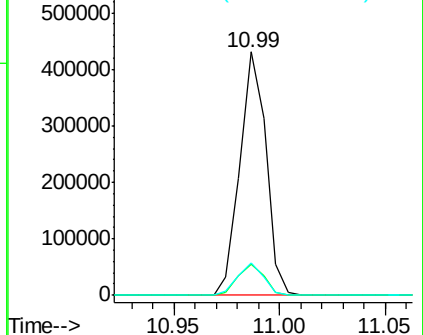
Tot Ion:	188	Resp:	370407
Ion Ratio	Lower	Upper	
188	100		
94	12.6	9.4	14.2
80	13.4	10.2	15.2

Manual Integrations
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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



#70

Phenanthrene

Concen: 11.828 ng

RT: 11.01 min Scan# 1551

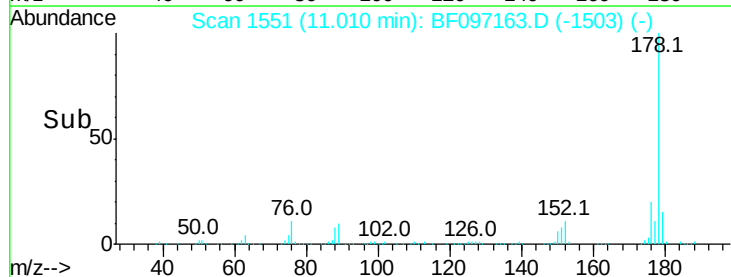
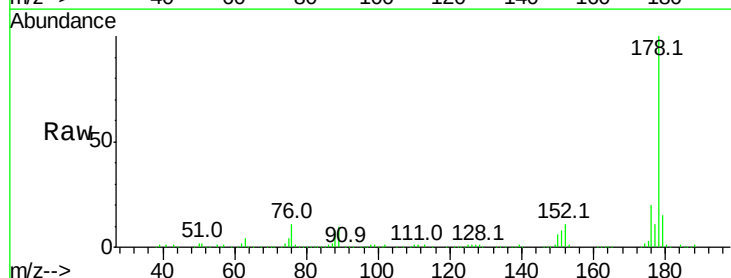
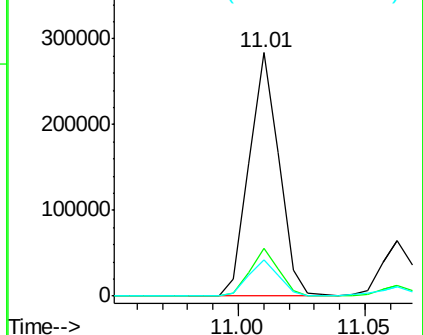
Delta R.T. -0.02 min

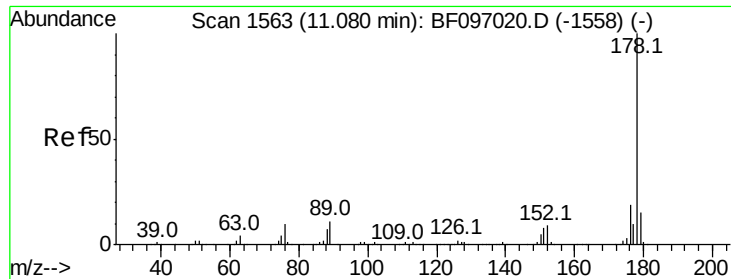
Lab File: BF097163.D

Acq: 28 Jul 2017 19:35

Tgt Ion:	178	Resp:	234740
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.2	24.4
179	15.1	12.6	19.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





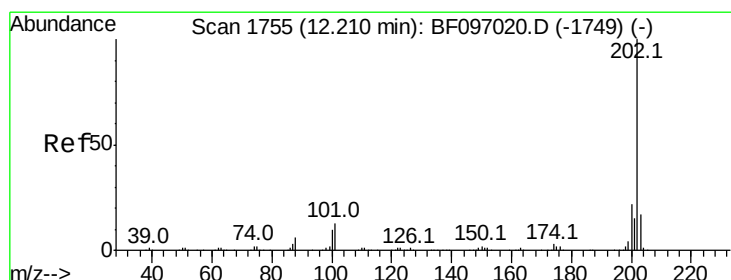
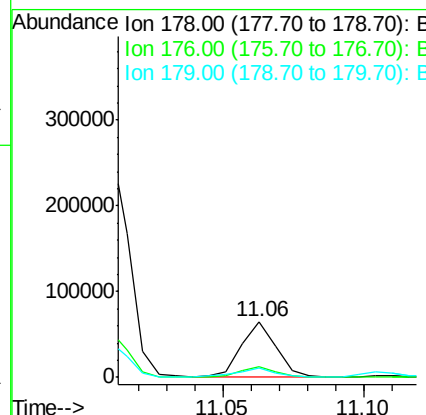
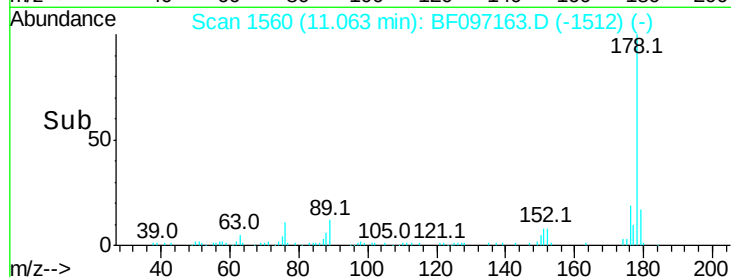
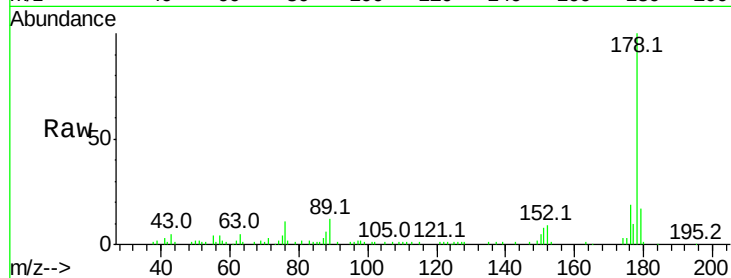
#71
 Anthracene
 Concen: 2.729 ng
 RT: 11.06 min Scan# 1560
 Delta R.T. -0.02 min
 Lab File: BF097163.D
 Acq: 28 Jul 2017 19:35

Instrument :
 BNA_F
 ClientSampleId :
 TCM-ROW

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	17.1	12.7	19.1

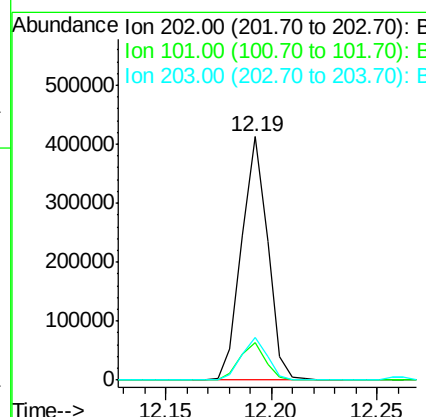
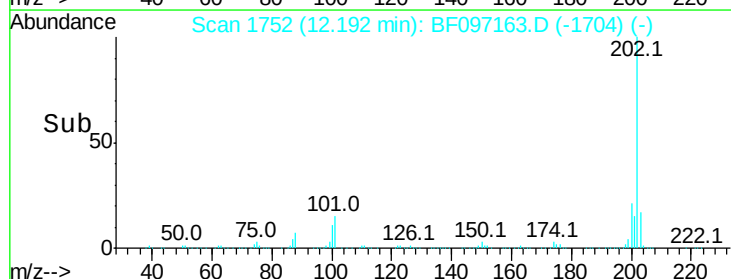
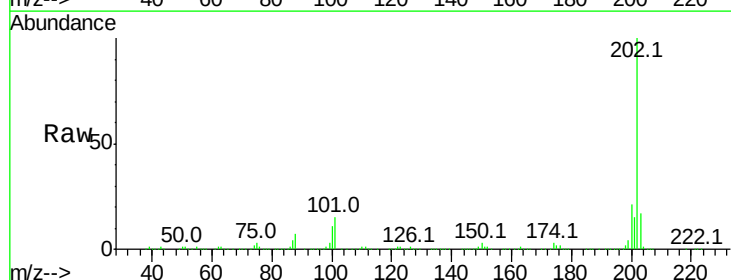
Manual Integrations
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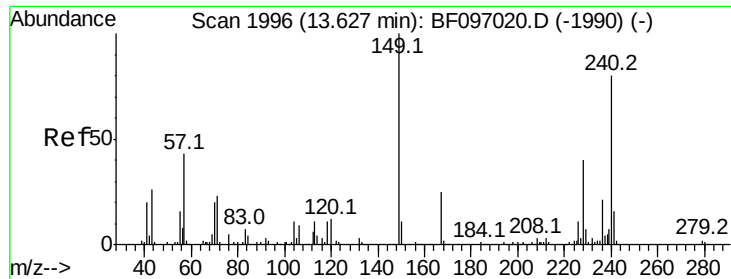
Sohil
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#74
 Fluoranthene
 Concen: 18.073 ng
 RT: 12.19 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BF097163.D
 Acq: 28 Jul 2017 19:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	33.2
203	17.4	0.0	38.1





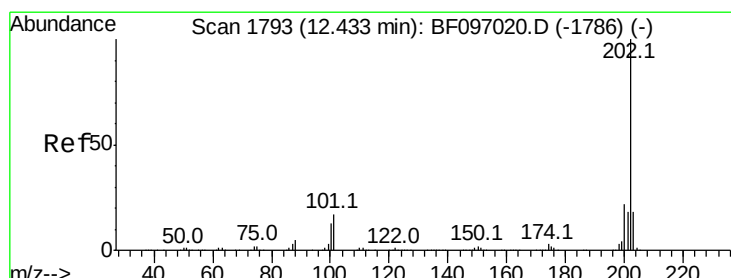
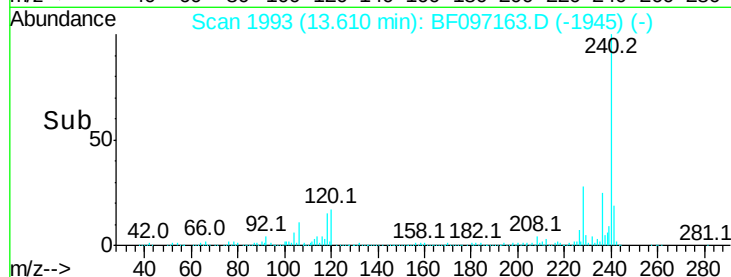
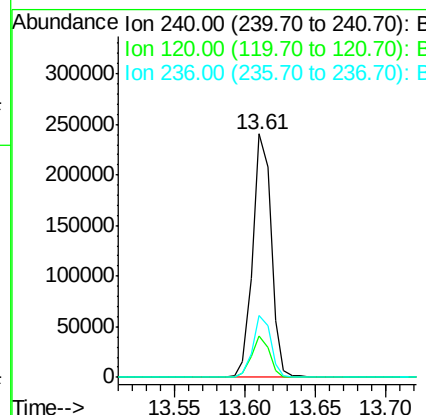
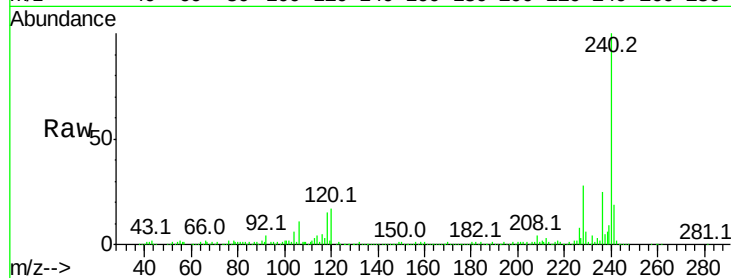
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.61 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF097163.D
 Acq: 28 Jul 2017 19:35

Instrument :
 BNA_F
 ClientSampleId :
 TCM-ROW

Tot Ion	Ratio	Lower	Upper
240	100		
120	17.2	5.8	8.8#
236	25.4	20.5	30.7

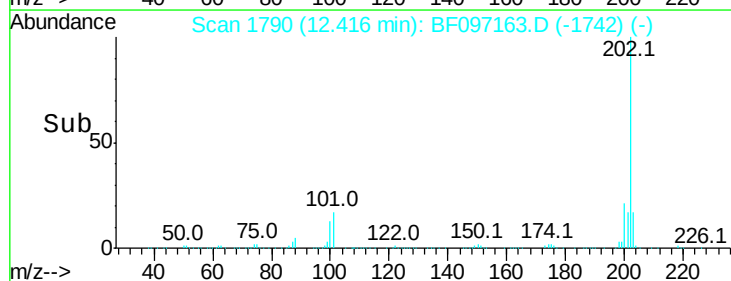
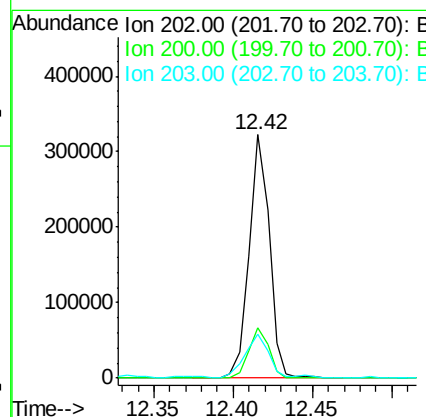
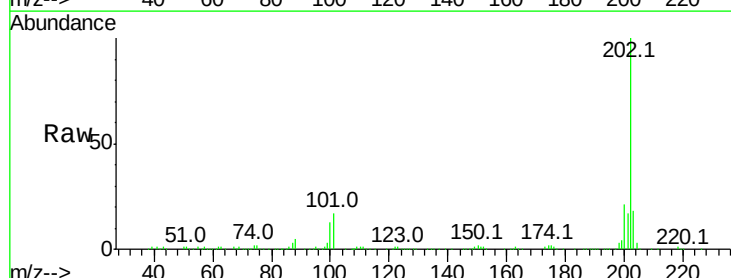
Manual Integrations
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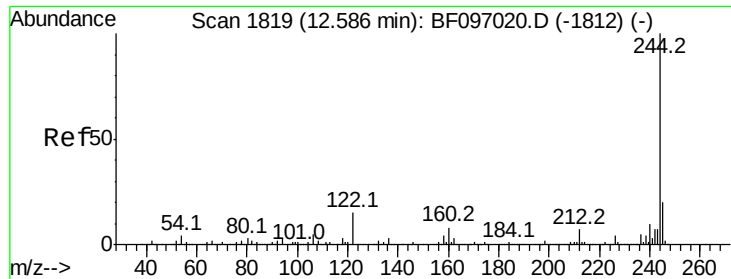
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#77
 Pyrene
 Concen: 15.498 ng
 RT: 12.42 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BF097163.D
 Acq: 28 Jul 2017 19:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	17.8	14.4	21.6





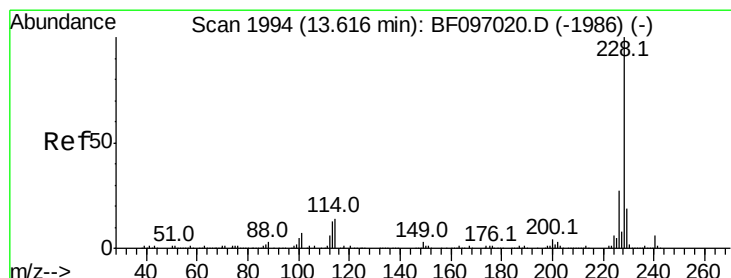
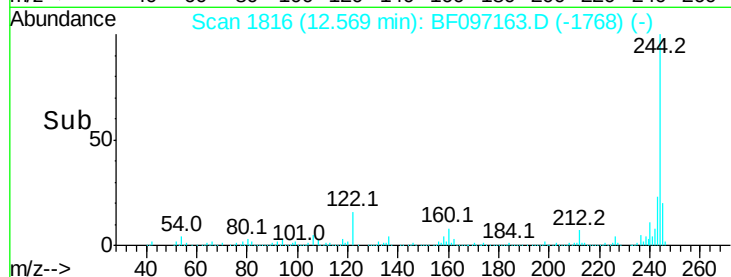
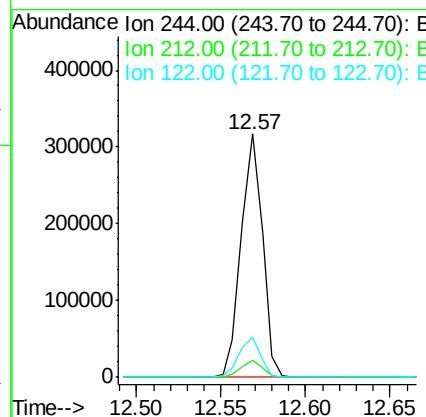
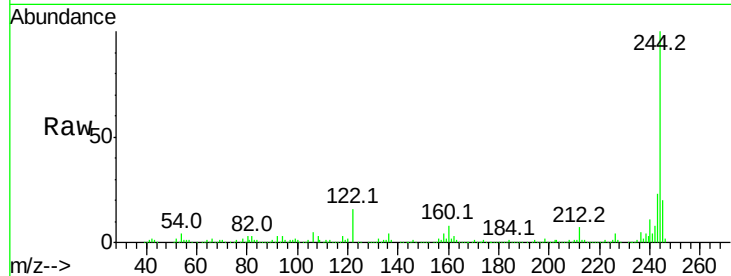
#78
 Terphenyl-d14
 Concen: 25.504 ng
 RT: 12.57 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF097163.D
 Acq: 28 Jul 2017 19:35

Instrument :
 BNA_F
 ClientSampleId :
 TCM-ROW

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	16.5	10.3	15.5

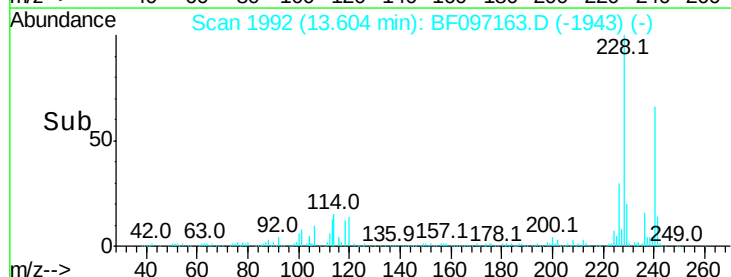
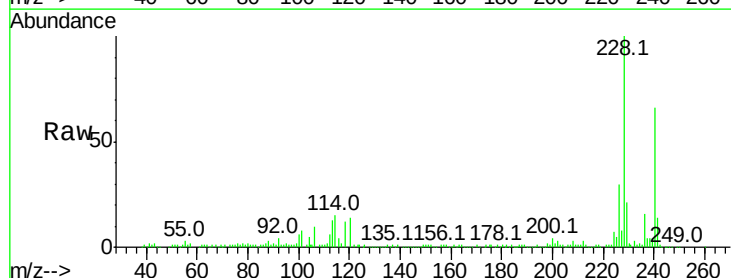
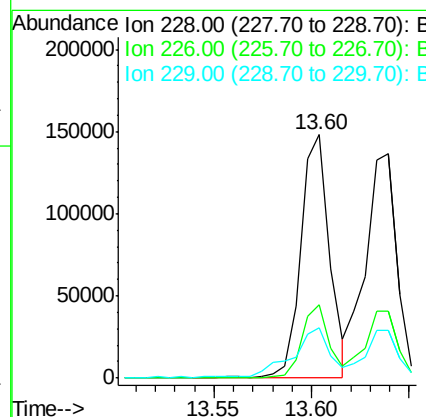
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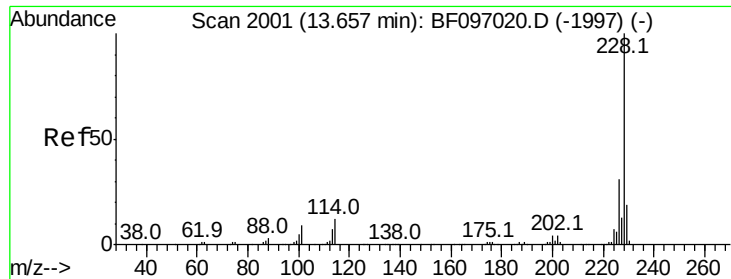
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#80
 Benzo(a)anthracene
 Concen: 10.501 ng
 RT: 13.60 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BF097163.D
 Acq: 28 Jul 2017 19:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	20.9	16.3	24.5





#82

Chrysene

Concen: 10.775 ng

RT: 13.64 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF097163.D

Acq: 28 Jul 2017 19:35

Instrument :

BNA_F

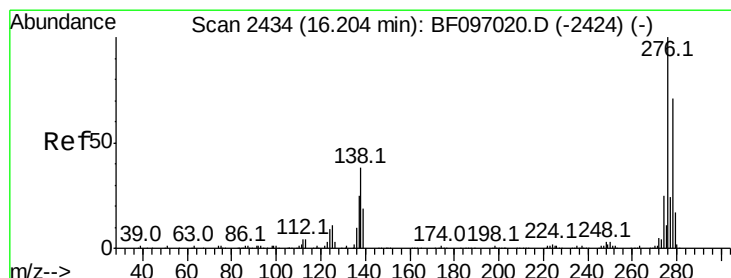
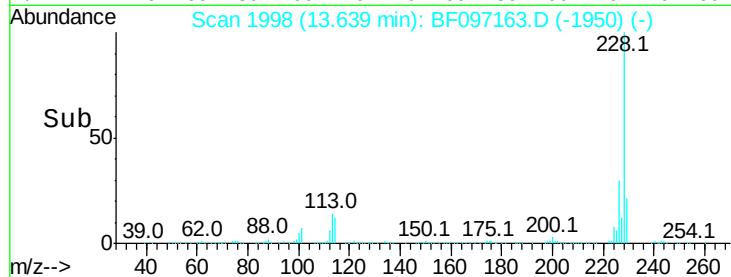
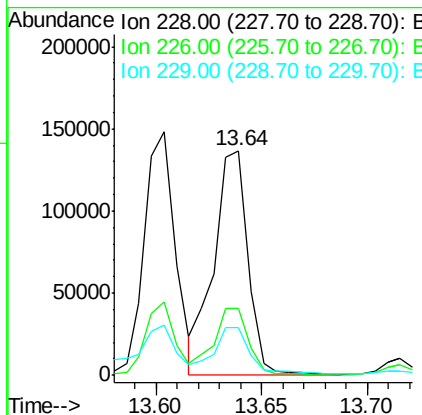
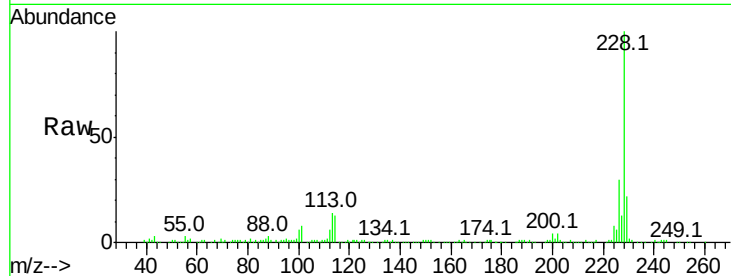
ClientSampleId :

TCM-ROW

Tot Ion:	228	Resp:	152142
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.9	37.3
229	21.5	15.8	23.6

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 6.455 ng

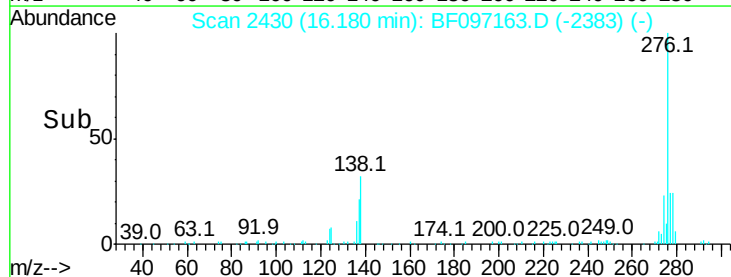
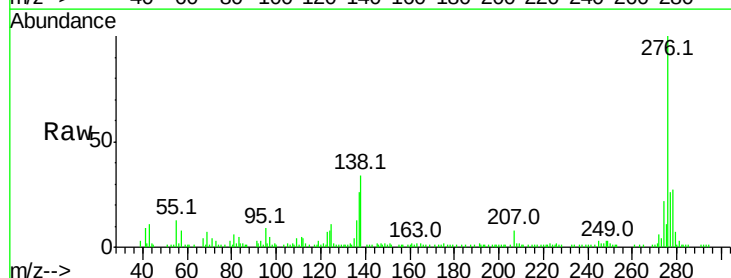
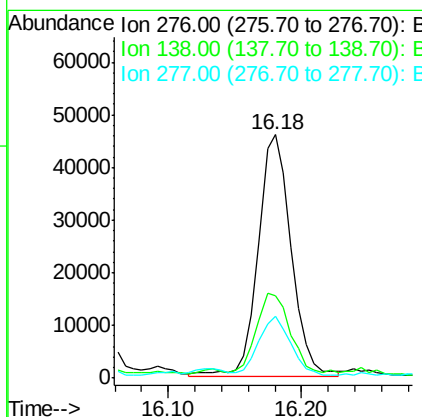
RT: 16.18 min Scan# 2430

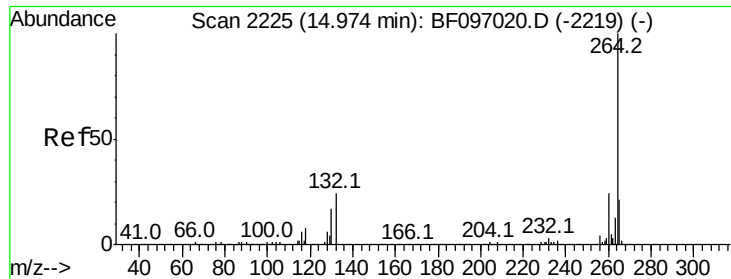
Delta R.T. -0.02 min

Lab File: BF097163.D

Acq: 28 Jul 2017 19:35

Tgt Ion:	276	Resp:	78155
Ion Ratio	Lower	Upper	
276	100		
138	34.3	27.8	41.6
277	23.8	20.2	30.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 14.96 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF097163.D

Acq: 28 Jul 2017 19:35

Instrument :

BNA_F

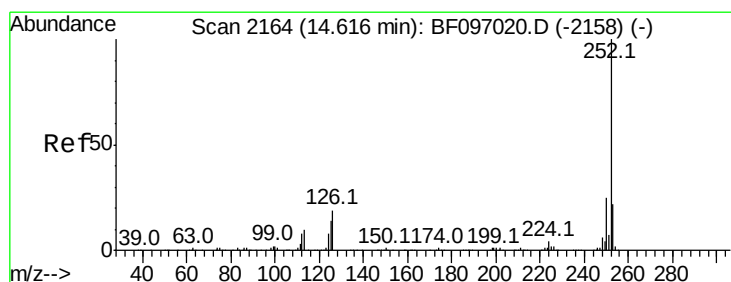
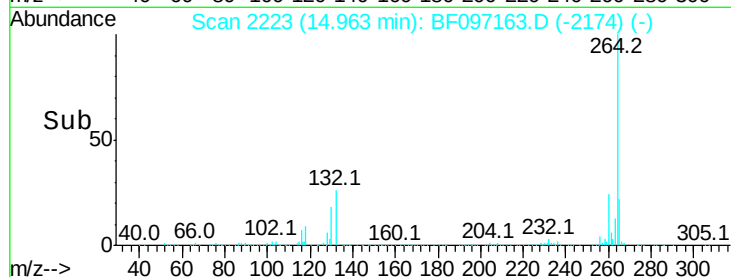
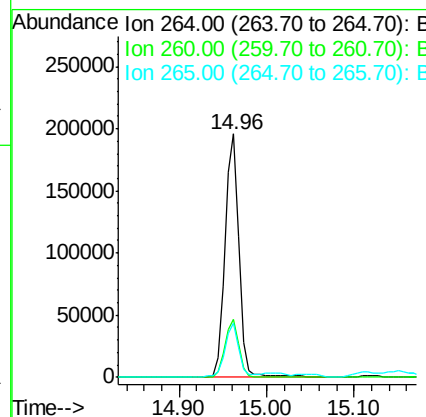
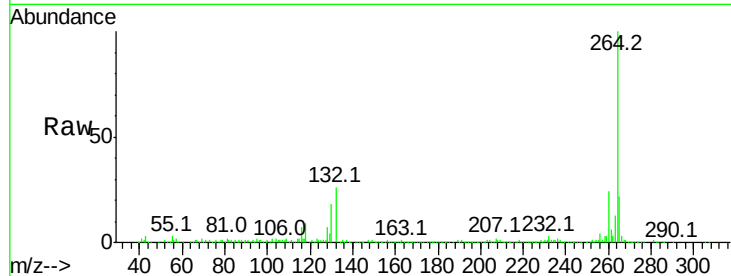
ClientSampled :

TCM-ROW

Tot Ion:	264	Resp:	218500
Ion Ratio		Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.2	17.2	25.8

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#87

Benzo(b)fluoranthene

Concen: 14.571 ng m

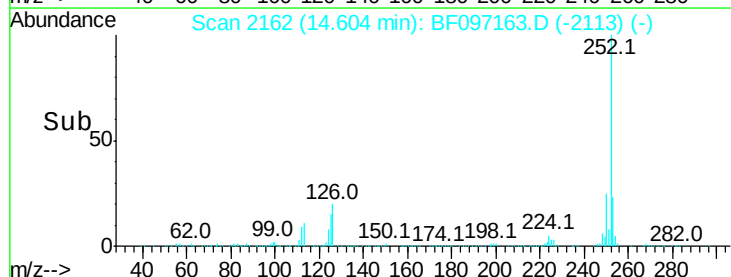
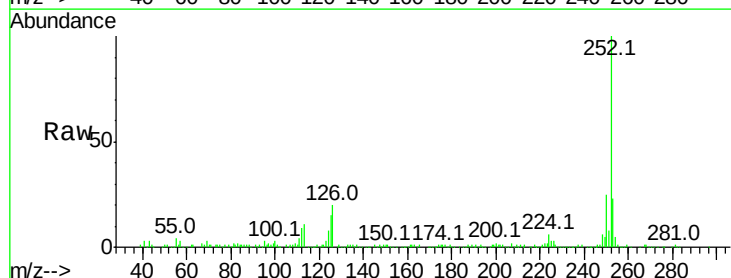
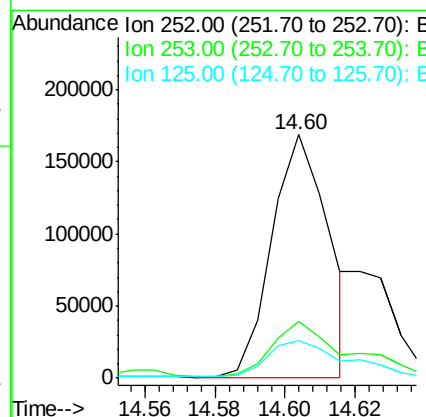
RT: 14.60 min Scan# 2162

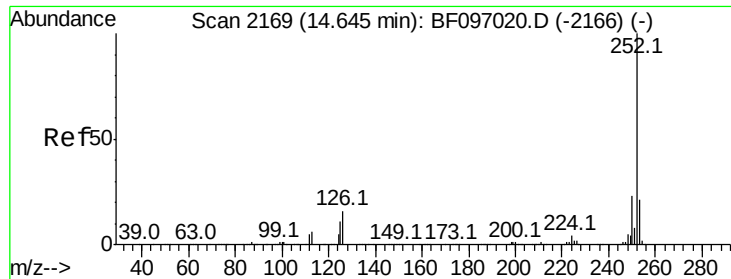
Delta R.T. -0.01 min

Lab File: BF097163.D

Acq: 28 Jul 2017 19:35

Tgt Ion:	252	Resp:	191384
Ion Ratio		Lower	Upper
252	100		
253	23.1	18.1	27.1
125	15.4	9.8	14.8#





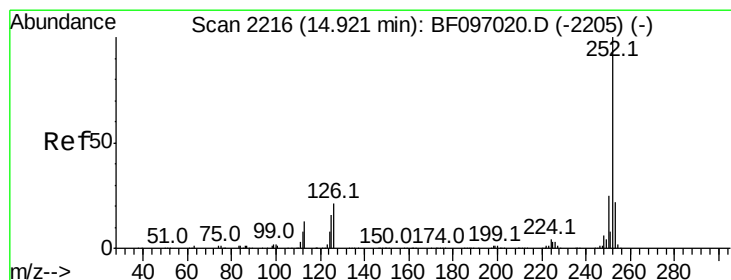
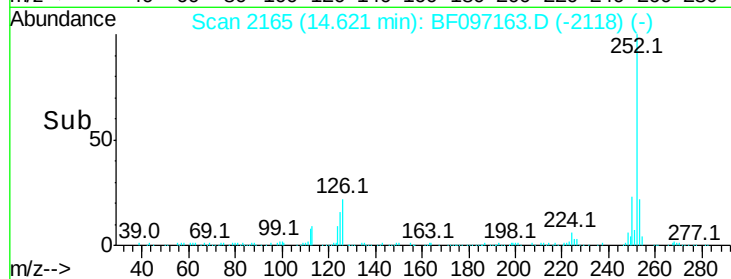
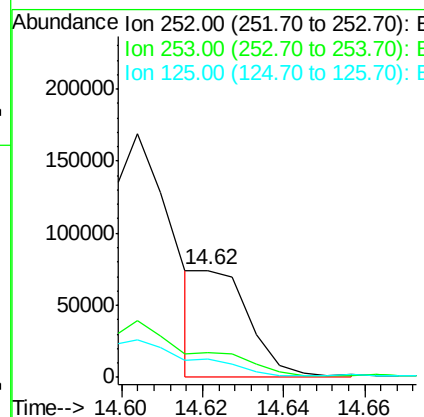
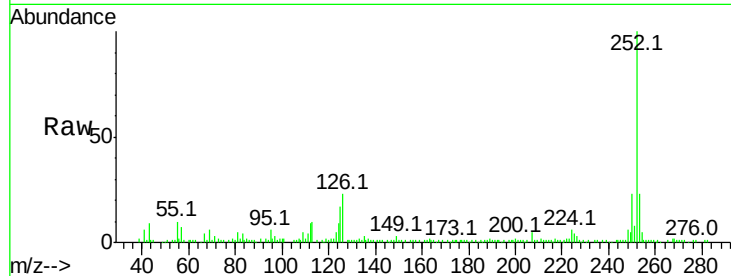
#88
Benzo(k)fluoranthene
Concen: 5.177 ng m
RT: 14.62 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Instrument :
BNA_F
ClientSampleId :
TCM-ROW

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	17.1	13.1	19.7

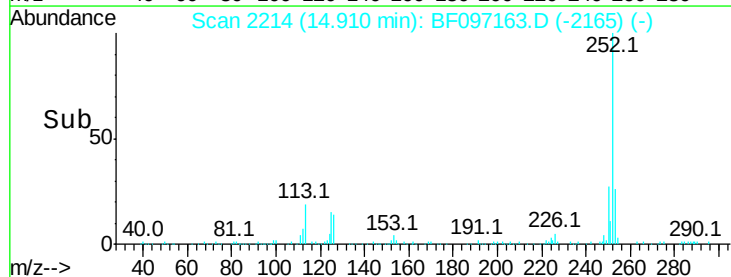
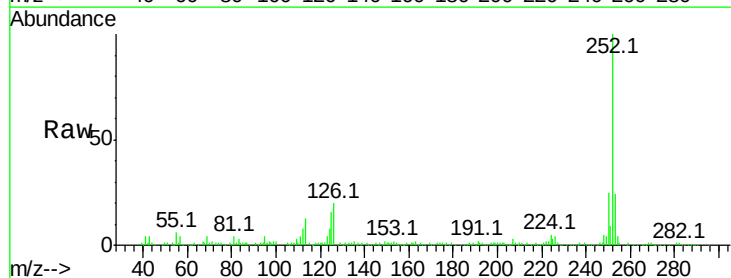
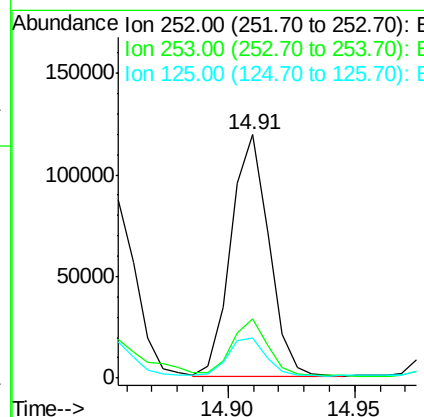
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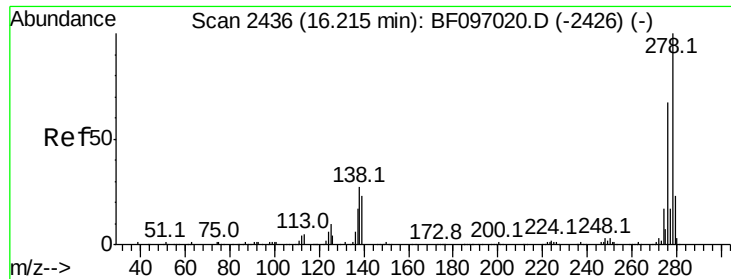
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#89
Benzo(a)pyrene
Concen: 10.359 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	16.4	11.0	16.4





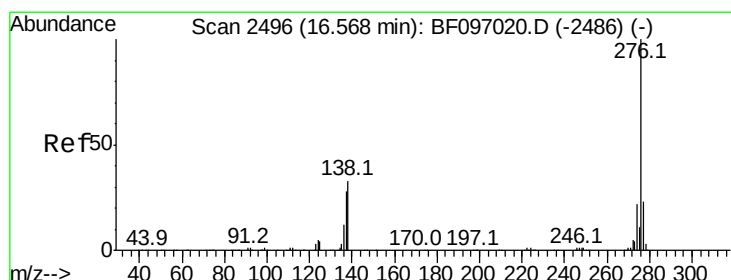
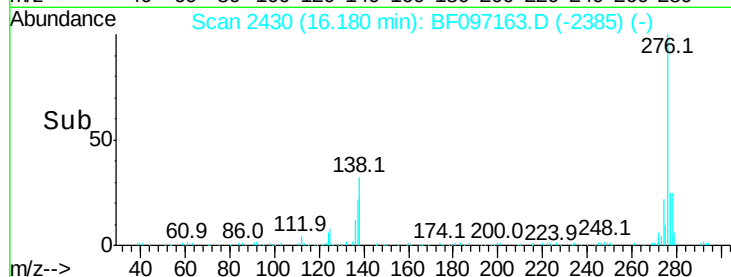
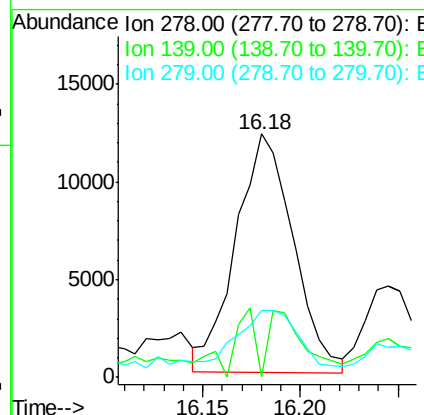
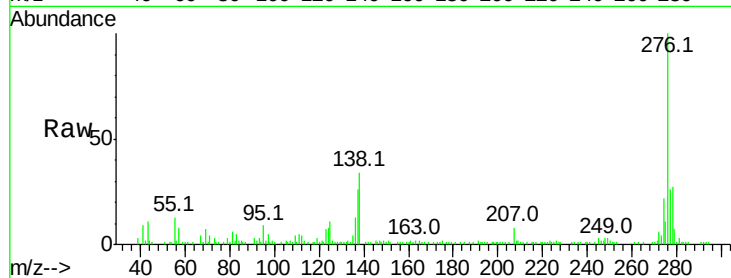
#90
Dibenzo(a,h)anthracene
Concen: 2.539 ng
RT: 16.18 min Scan# 2430
Delta R.T. -0.04 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Instrument :
BNA_F
ClientSampleId :
TCM-ROW

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	27.7	19.3	28.9

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#91
Benzo(g,h,i)perylene
Concen: 6.697 ng
RT: 16.54 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BF097163.D
Acq: 28 Jul 2017 19:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	36.1	25.4	38.0

