

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097252.D
 Acq On : 2 Aug 2017 4:14
 Operator : SJ/JU
 Sample : I4471-16 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-BASE

Manual Integrations
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Quant Time: Aug 02 06:57:18 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	6.46	152	109792	20.00	ng	-0.04
21) Naphthalene-d8	7.75	136	402927	20.00	ng	-0.04
38) Acenaphthene-d10	9.49	164	144419	20.00	ng	-0.04
63) Phenanthrene-d10	10.96	188	220881	20.00	ng	-0.04
75) Chrysene-d12	13.59	240	223872	20.00	ng	-0.04
86) Perylene-d12	14.93	264	181113	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	374780	51.46	ng	-0.03
7) Phenol-d6	6.13	99	450051	54.13	ng	-0.04
23) Nitrobenzene-d5	7.03	82	239484	34.87	ng	-0.05
41) 2,4,6-Tribromophenol	10.28	330	52664	46.15	ng	-0.04
44) 2-Fluorobiphenyl	8.82	172	340656	40.03	ng	-0.05
78) Terphenyl-d14	12.54	244	258925	23.58	ng	-0.04
Target Compounds						Qvalue
49) Dimethylphthalate	9.22	163	63315	5.773	ng	99
70) Phenanthrene	10.99	178	145577	12.301	ng	97
71) Anthracene	11.04	178	32779	2.704	ng	97
74) Fluoranthene	12.17	202	206170	17.782	ng	98
77) Pyrene	12.39	202	182103	9.936	ng	99
80) Benzo(a)anthracene	13.57	228	93555	6.459	ng	100
82) Chrysene	13.61	228	84388	5.966	ng	99
85) Indeno(1,2,3-cd)pyrene	16.14	276	27558	2.272	ng	92
87) Benzo(b)fluoranthene	14.58	252	93456m	8.584	ng	
88) Benzo(k)fluoranthene	14.60	252	34513m	3.327	ng	
89) Benzo(a)pyrene	14.88	252	59948	6.016	ng	98
91) Benzo(a,h,i)perylene	16.50	276	26388	3.080	ng	92

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

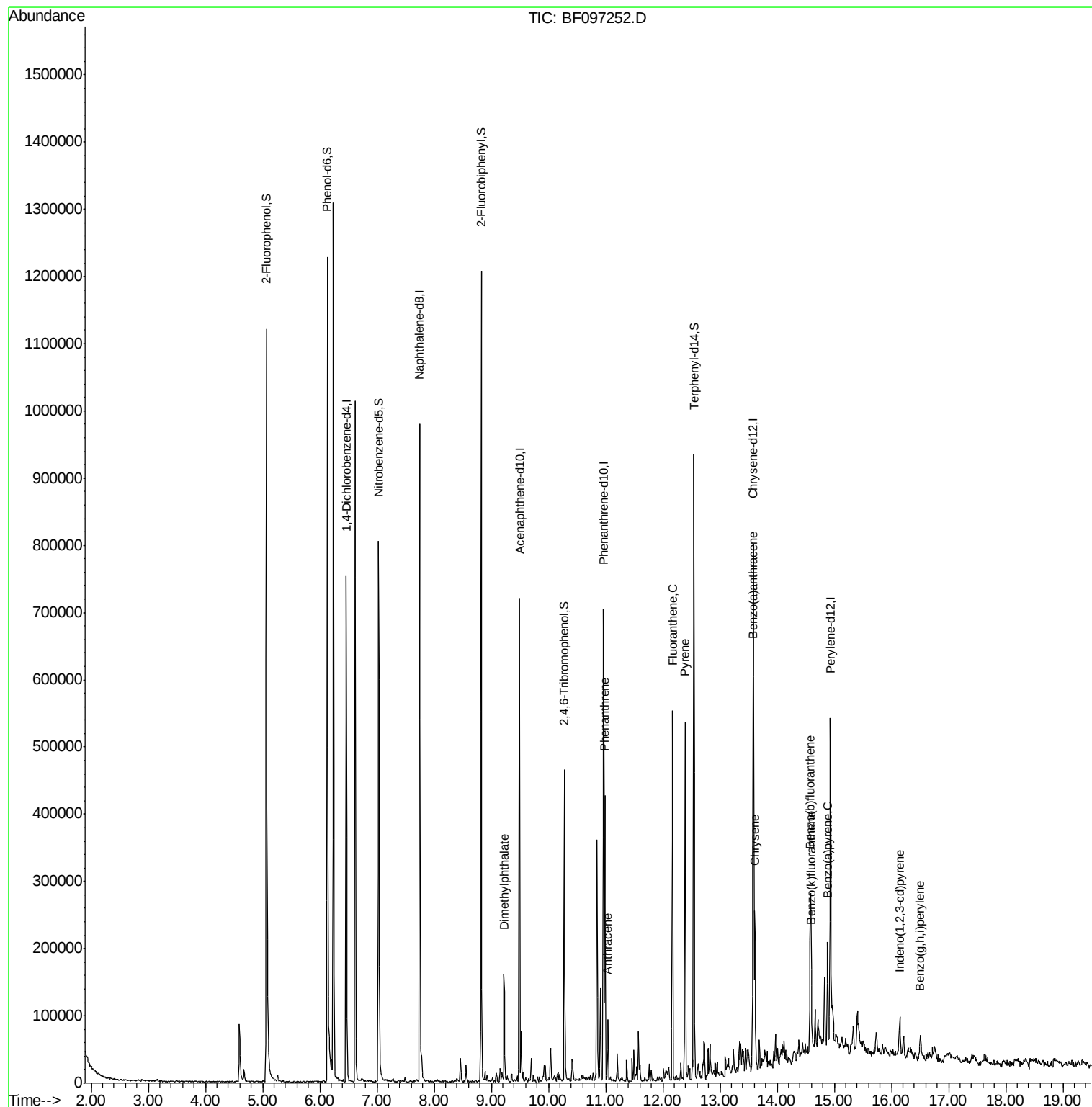
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
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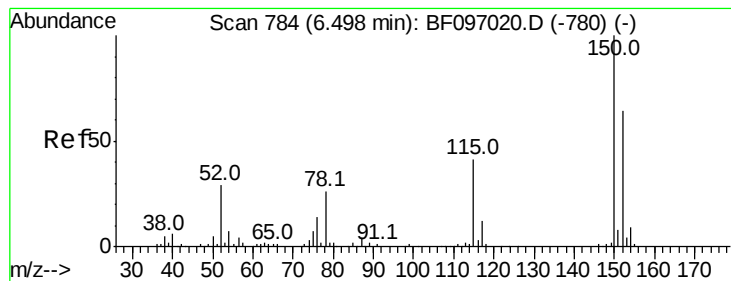
Instrument :
BNA_F
ClientSampleId :
E2-L6-BASE

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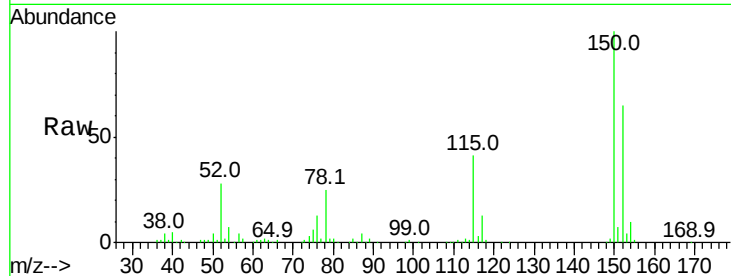
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.46 min Scan# 778
 Delta R.T. -0.04 min
 Lab File: BF097252.D
 Acq: 2 Aug 2017 4:14

Instrument :
 BNA_F
 ClientSampled :
 E2-L6-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.2	189.2
115	63.1	52.2	78.2

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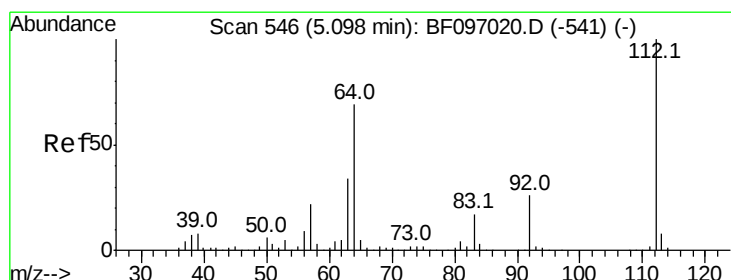
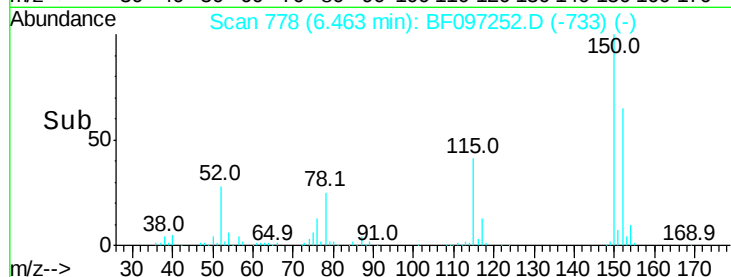
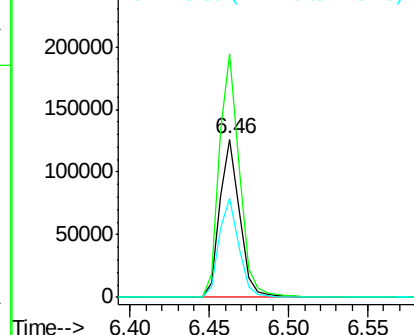


Abundance

Ion 152.00 (151.70 to 152.70): E

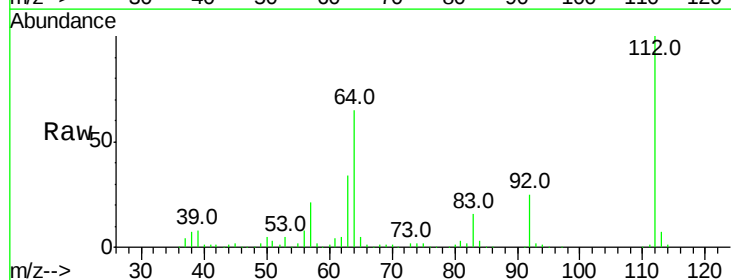
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 51.459 ng
 RT: 5.06 min Scan# 540
 Delta R.T. -0.03 min
 Lab File: BF097252.D
 Acq: 2 Aug 2017 4:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	46.0	69.0
63	33.6	23.4	35.0

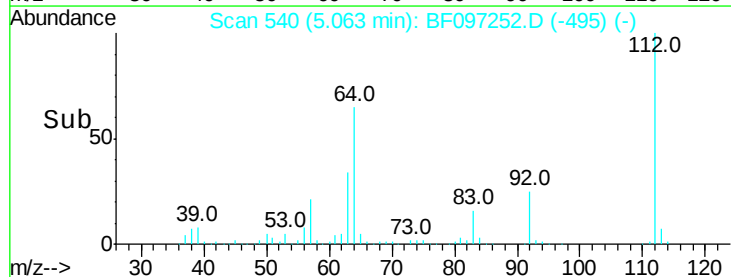
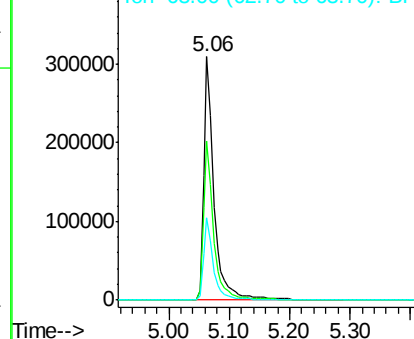


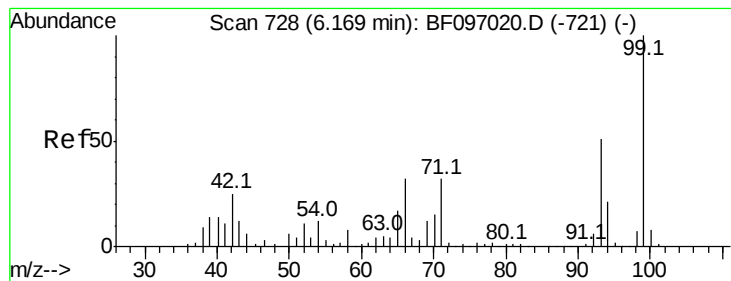
Abundance

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: 54.128 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.04 min

Lab File: BF097252.D

Acq: 2 Aug 2017 4:14

Instrument :

BNA_F

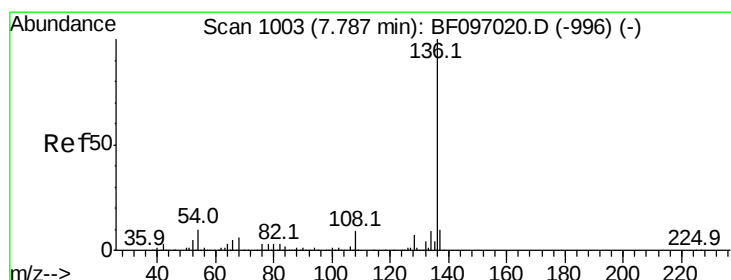
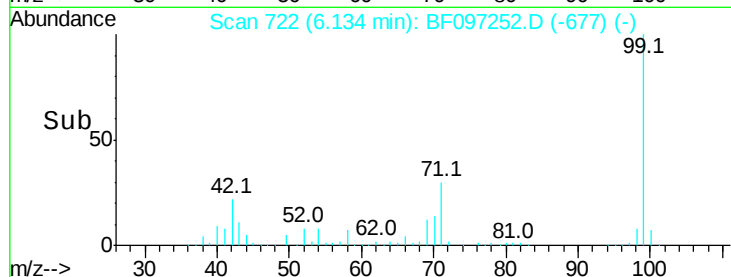
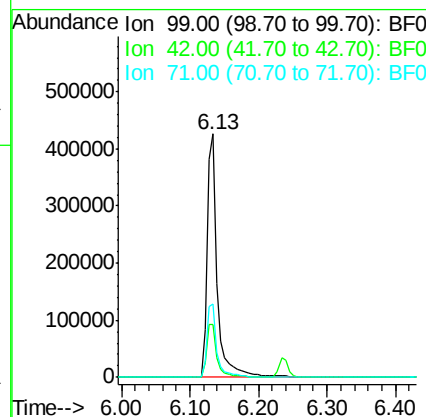
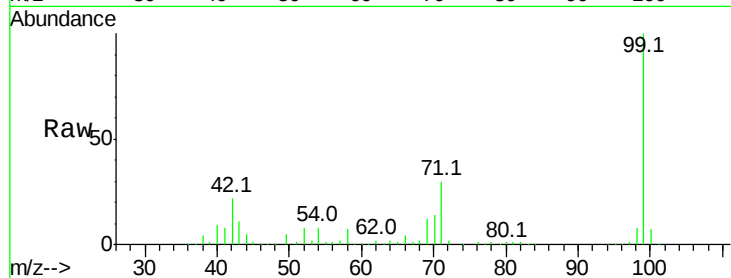
ClientSampled :

E2-L6-BASE

Tot Ion:	99	Resp:	450051
Ion Ratio	Lower	Upper	
99	100		
42	21.8	13.5	20.3#
71	29.9	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

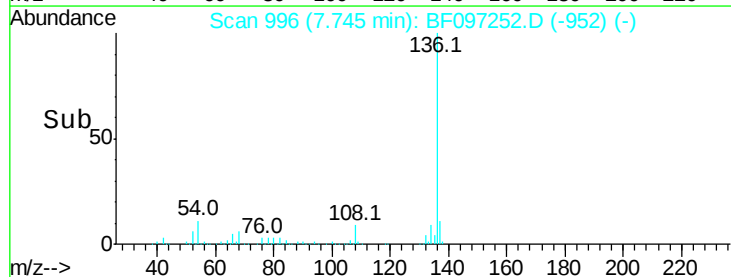
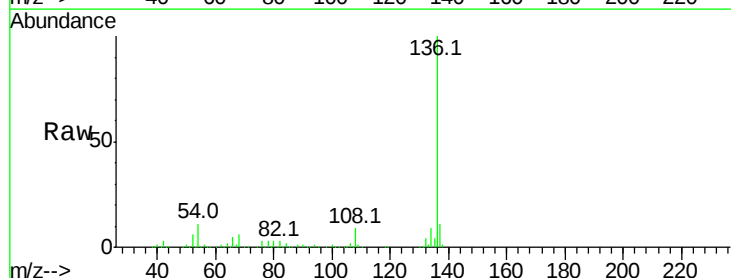
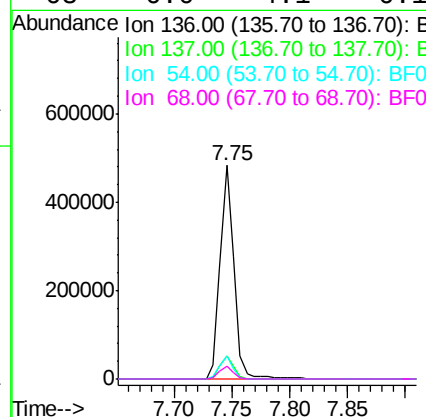
RT: 7.75 min Scan# 996

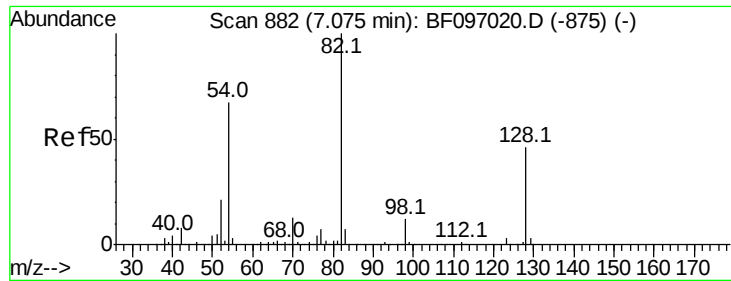
Delta R.T. -0.04 min

Lab File: BF097252.D

Acq: 2 Aug 2017 4:14

Tgt Ion:	136	Resp:	402927
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	10.6	4.9	7.3#
68	6.0	4.1	6.1





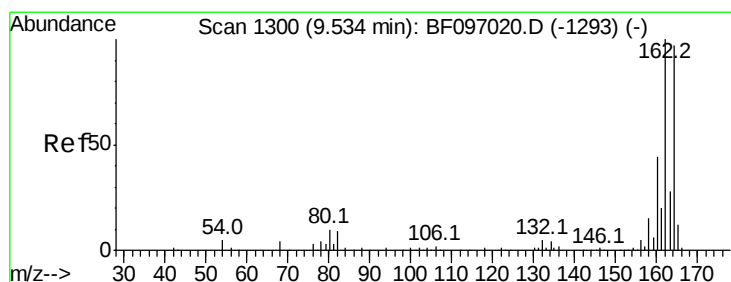
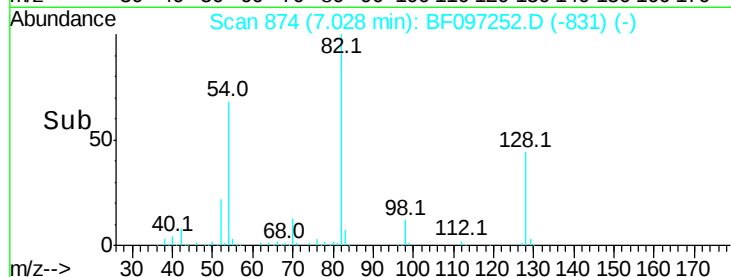
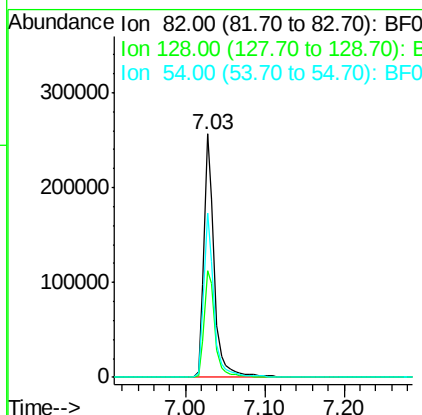
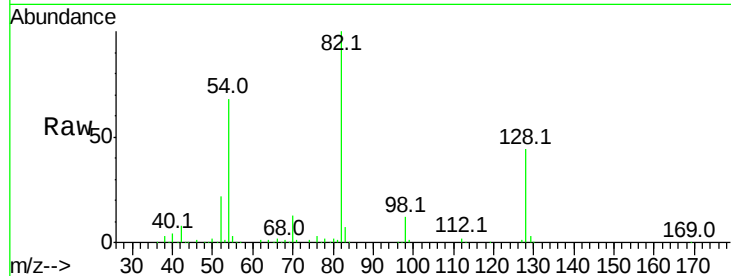
#23
 Nitrobenzene-d5
 Concen: 34.868 ng
 RT: 7.03 min Scan# 874
 Delta R.T. -0.05 min
 Lab File: BF097252.D
 Acq: 2 Aug 2017 4:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-BASE

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.0	51.0
54	67.5	42.2	63.2

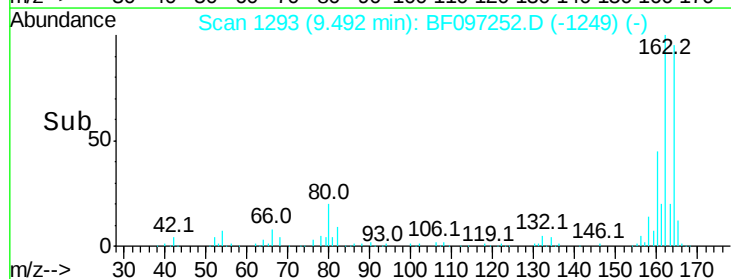
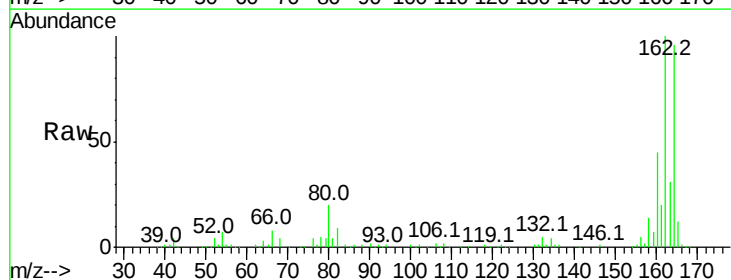
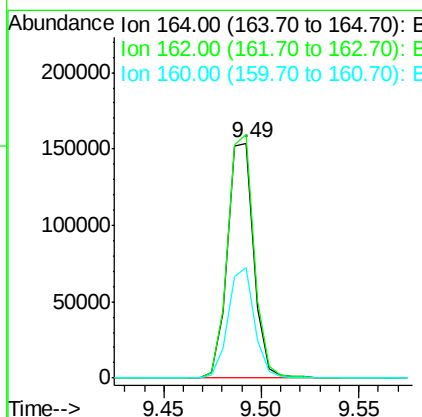
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.04 min
 Lab File: BF097252.D
 Acq: 2 Aug 2017 4:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	46.9	36.2	54.2





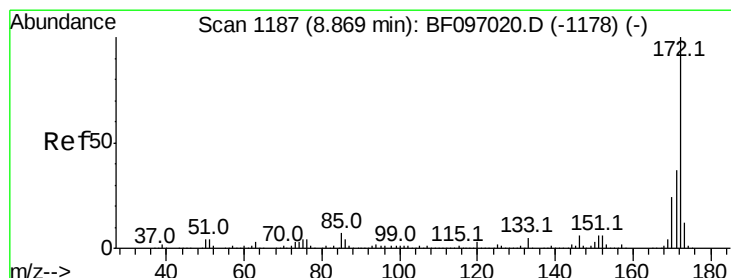
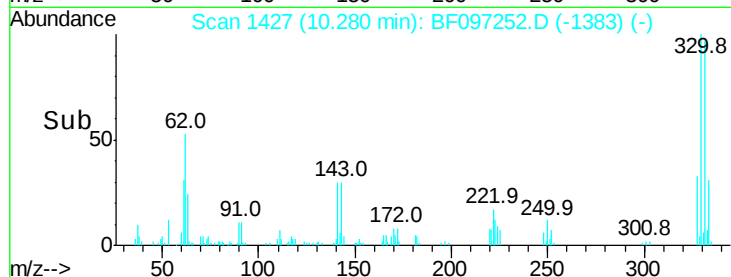
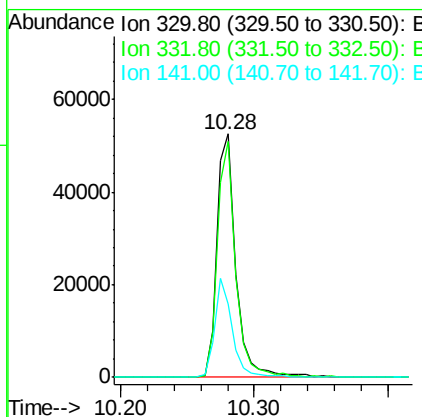
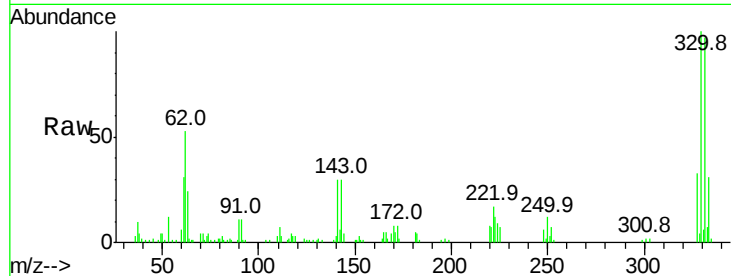
#41
 2,4,6-Tribromophenol
 Concen: 46.154 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.04 min
 Lab File: BF097252.D
 Acq: 2 Aug 2017 4:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-BASE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	52664		
332	94.1	76.6	115.0	
141	37.7	31.4	47.2	

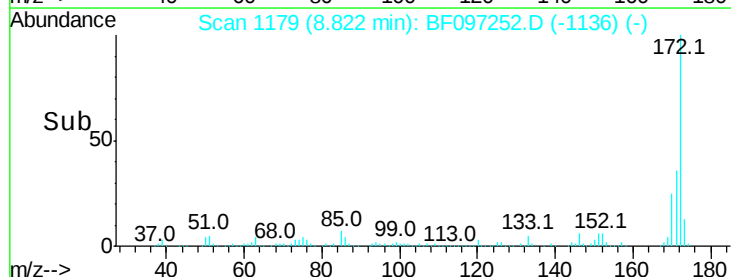
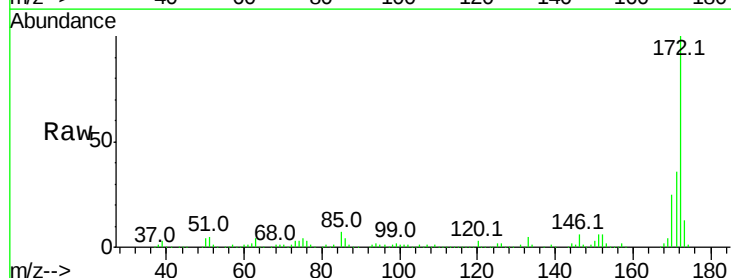
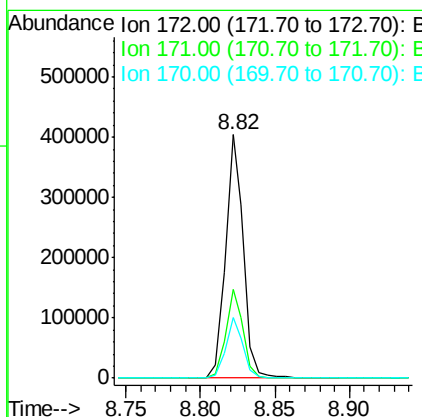
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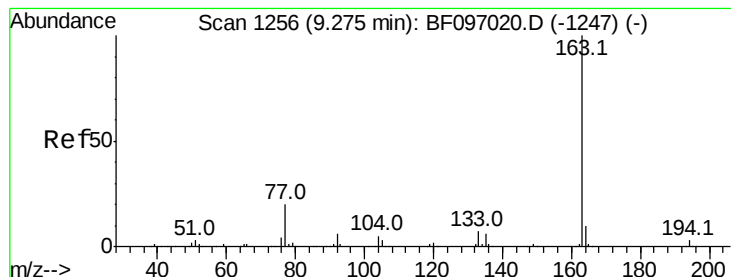
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#44
 2-Fluorobiphenyl
 Concen: 40.031 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF097252.D
 Acq: 2 Aug 2017 4:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	340656		
171	36.3	29.6	44.4	
170	24.7	19.8	29.8	





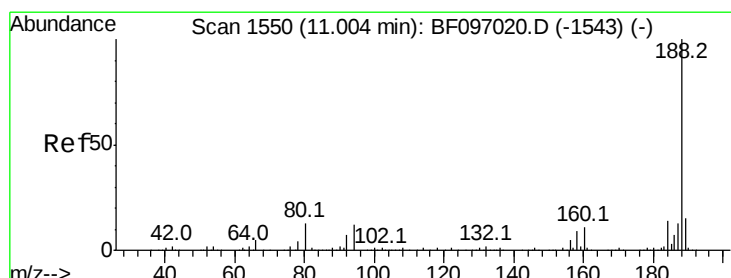
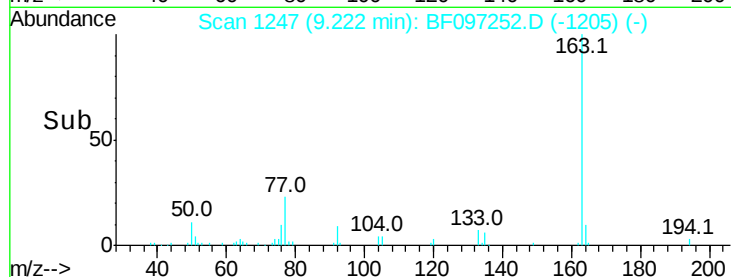
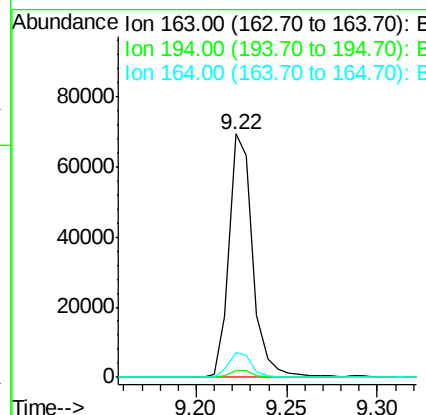
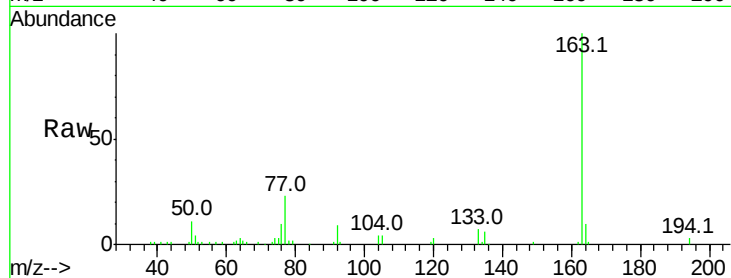
#49
 Dimethylphthalate
 Concen: 5.773 ng
 RT: 9.22 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BF097252.D
 Acq: 2 Aug 2017 4:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-BASE

Tot Ion:	163	Resp:	63315
Ion Ratio	Lower	Upper	
163	100		
194	2.8	2.6	4.0
164	10.3	8.4	12.6

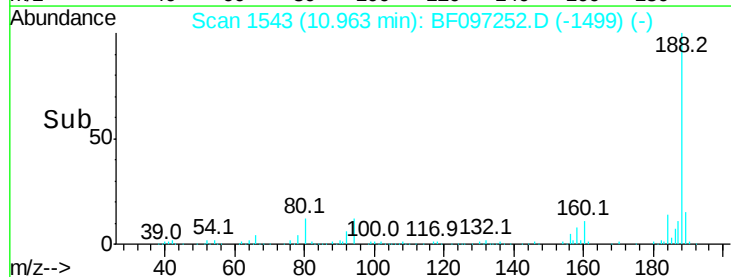
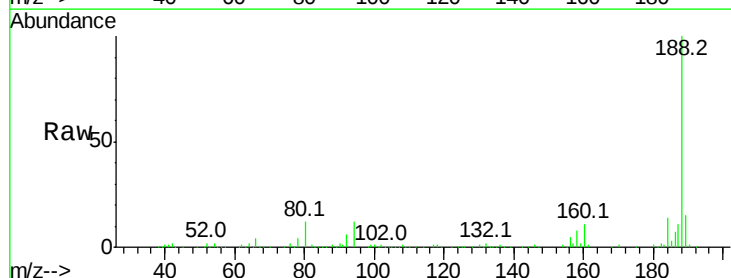
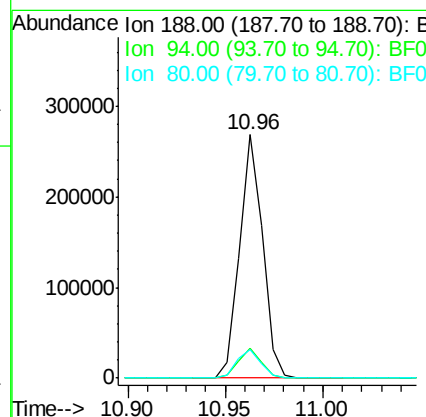
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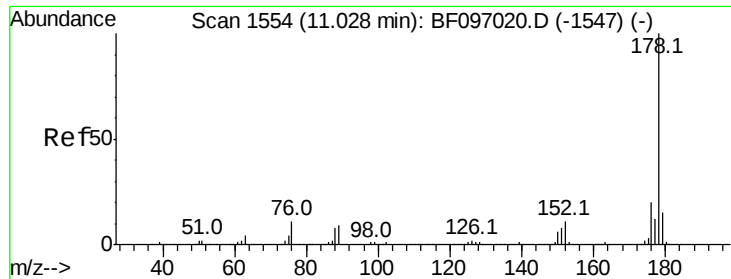
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.96 min Scan# 1543
 Delta R.T. -0.04 min
 Lab File: BF097252.D
 Acq: 2 Aug 2017 4:14

Tgt Ion:	188	Resp:	220881
Ion Ratio	Lower	Upper	
188	100		
94	12.1	9.4	14.2
80	11.9	10.2	15.2





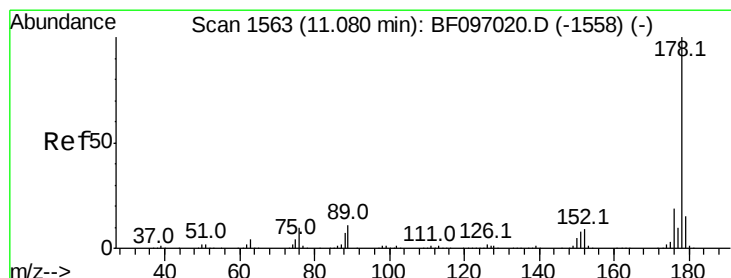
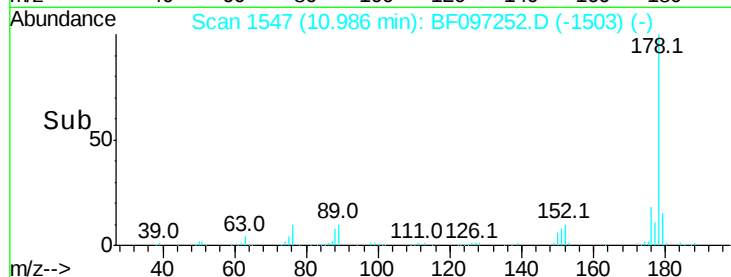
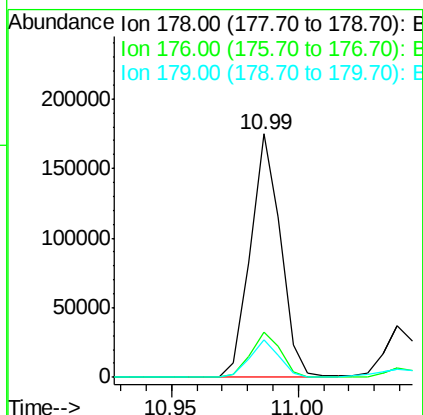
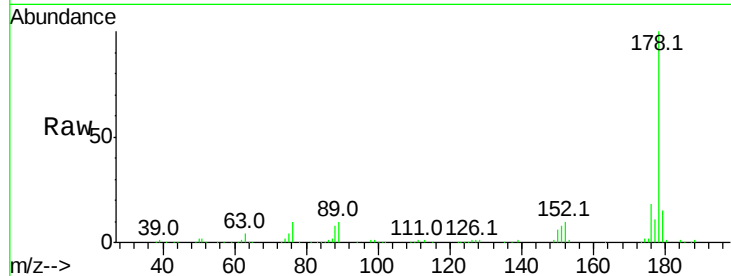
#70
Phenanthrene
Concen: 12.301 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.04 min
Lab File: BF097252.D
Acq: 2 Aug 2017 4:14

Instrument :
BNA_F
ClientSampleId :
E2-L6-BASE

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.2	24.4
179	15.4	12.6	19.0

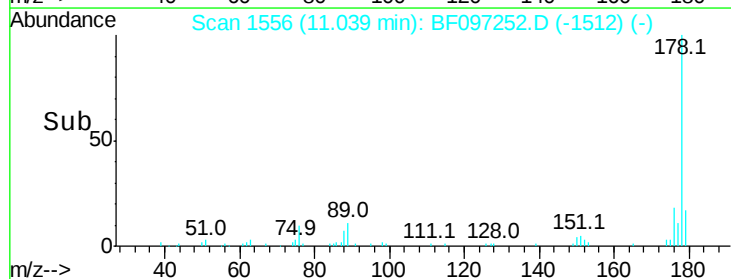
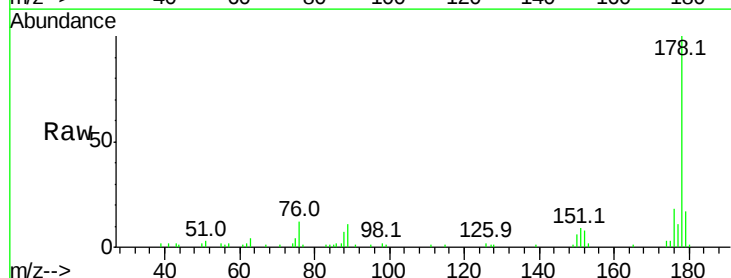
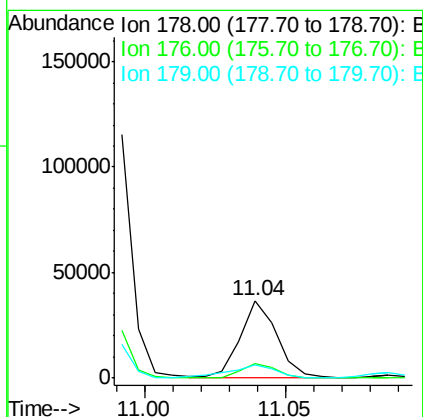
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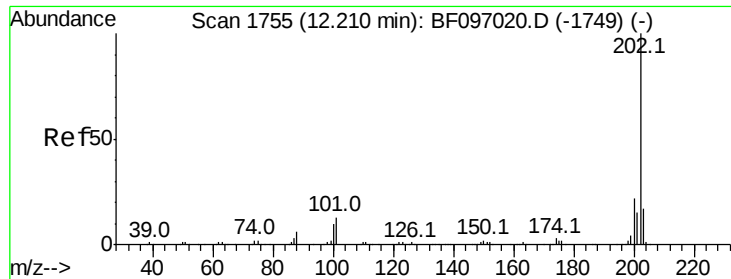
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#71
Anthracene
Concen: 2.704 ng
RT: 11.04 min Scan# 1556
Delta R.T. -0.04 min
Lab File: BF097252.D
Acq: 2 Aug 2017 4:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.8
179	17.1	12.7	19.1





#74

Fluoranthene

Concen: 17.782 ng

RT: 12.17 min Scan# 1748

Delta R.T. -0.04 min

Lab File: BF097252.D

Acq: 2 Aug 2017 4:14

Instrument :

BNA_F

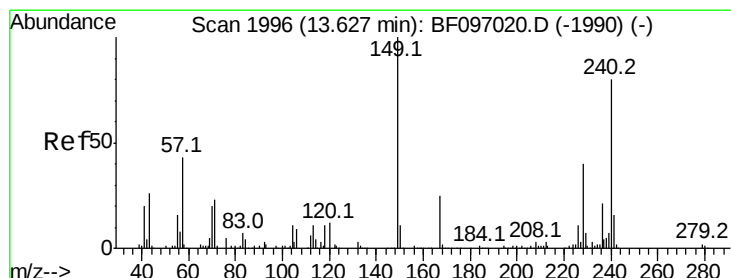
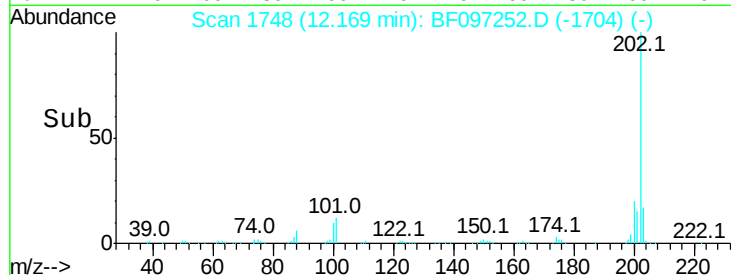
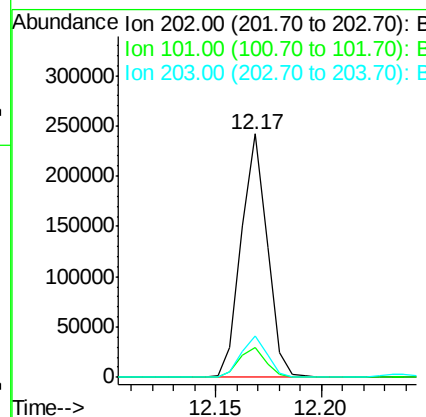
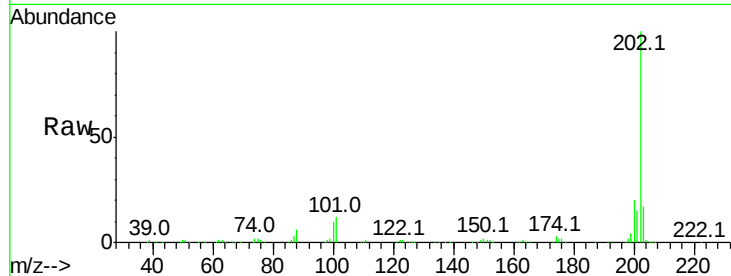
ClientSampleId :

E2-L6-BASE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.3	0.0	33.2
203	16.9	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

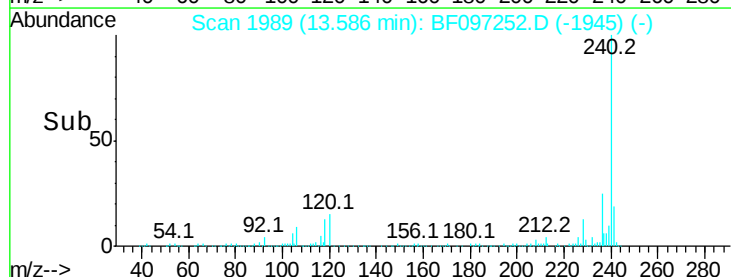
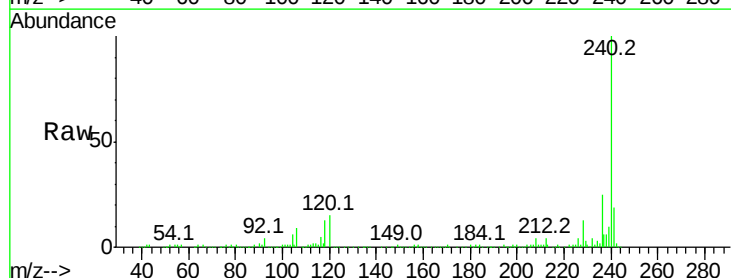
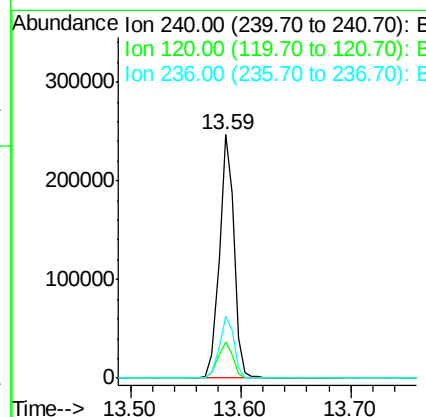
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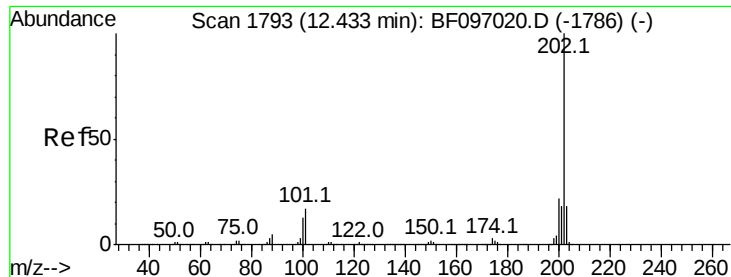
Delta R.T. -0.04 min

Lab File: BF097252.D

Acq: 2 Aug 2017 4:14

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	25.4	20.5	30.7





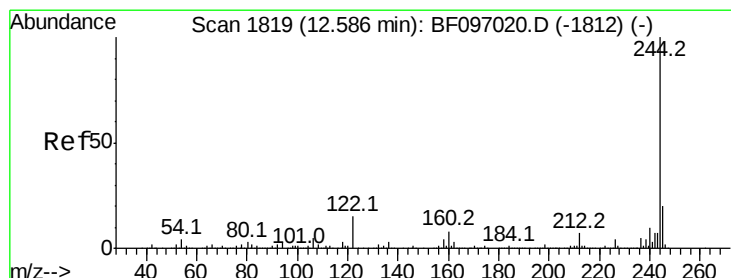
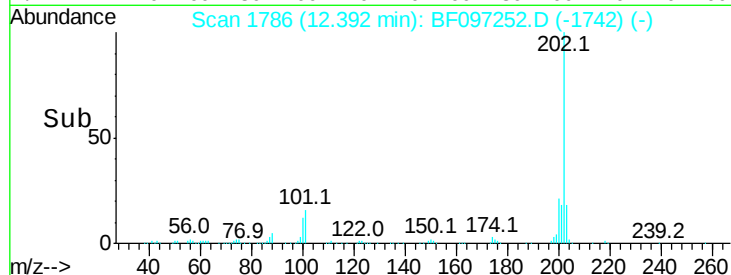
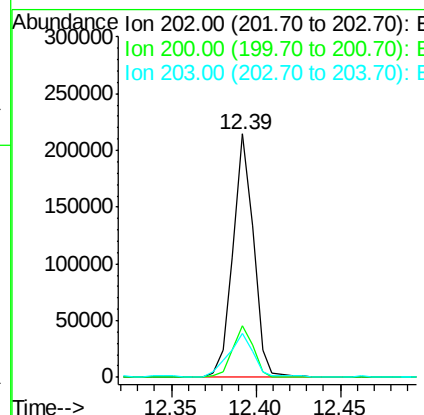
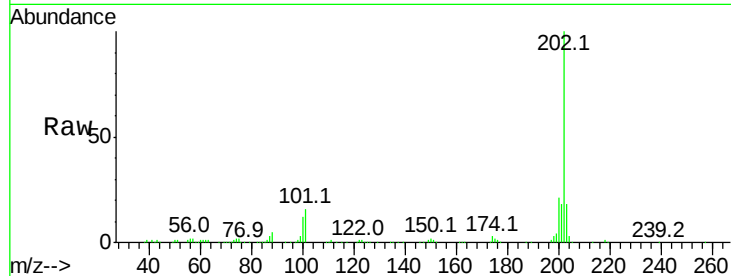
#77
Pvrene
Concen: 9.936 ng
RT: 12.39 min Scan# 1786
Delta R.T. -0.04 min
Lab File: BF097252.D
Acq: 2 Aug 2017 4:14

Instrument :
BNA_F
ClientSampleId :
E2-L6-BASE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	17.6	26.4
203	18.0	14.4	21.6

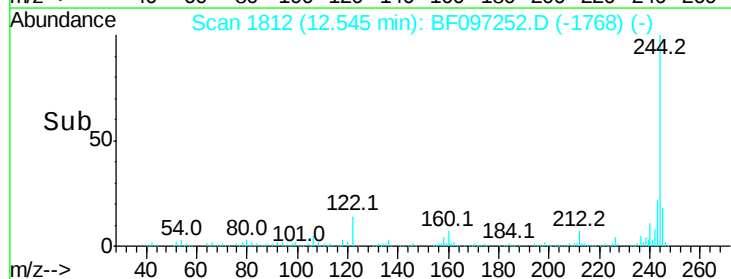
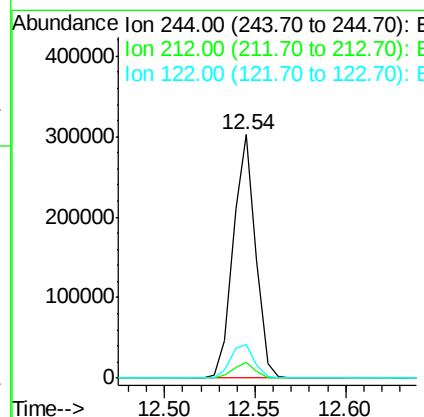
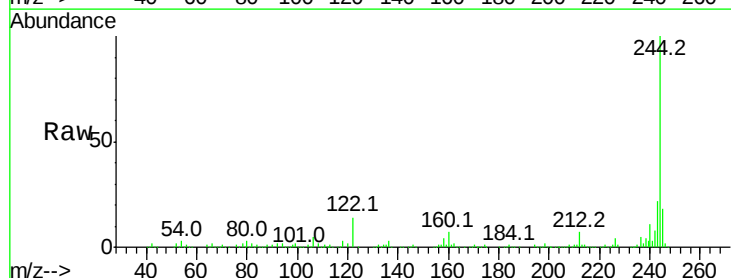
Manual Integrations
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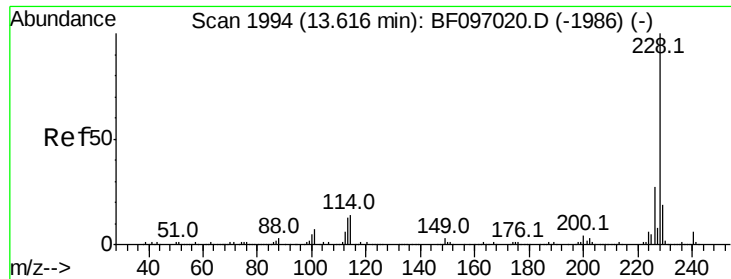
Sohil
8/2/2017 7:15:36 PM



#78
Terphenyl-d14
Concen: 23.581 ng
RT: 12.54 min Scan# 1812
Delta R.T. -0.04 min
Lab File: BF097252.D
Acq: 2 Aug 2017 4:14

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.8	10.3	15.5





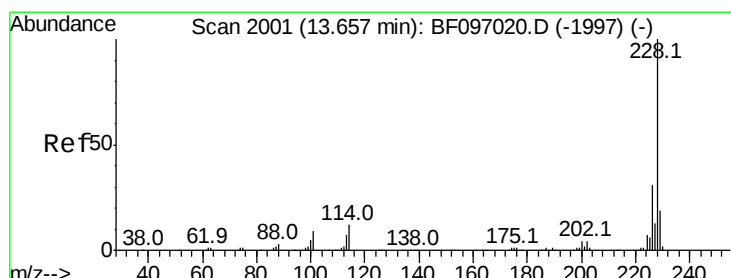
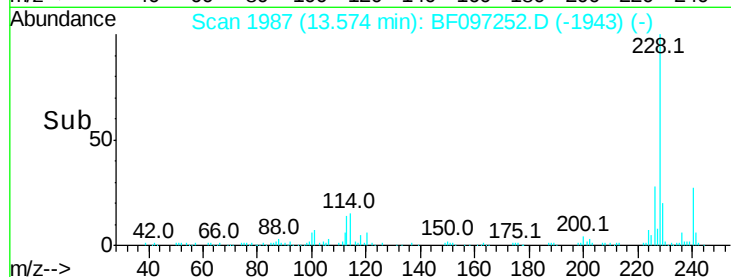
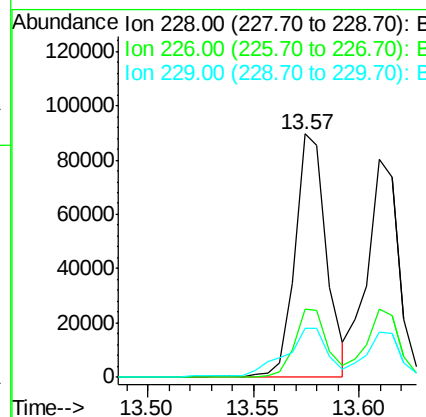
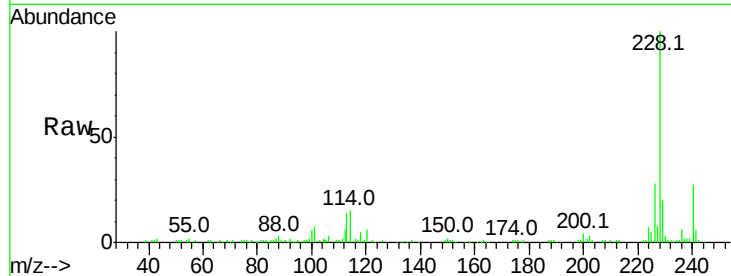
#80
Benzo(a)anthracene
Concen: 6.459 ng
RT: 13.57 min Scan# 1987
Delta R.T. -0.04 min
Lab File: BF097252.D
Acq: 2 Aug 2017 4:14

Instrument :
BNA_F
ClientSampleId :
E2-L6-BASE

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.4	16.3	24.5

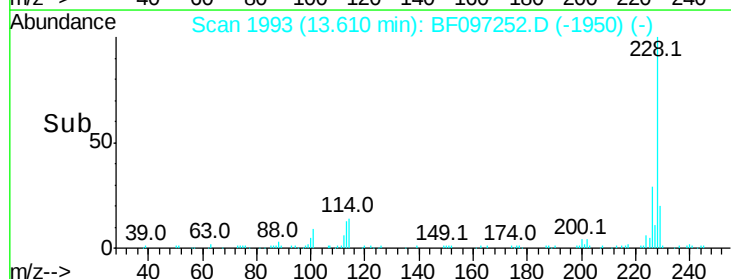
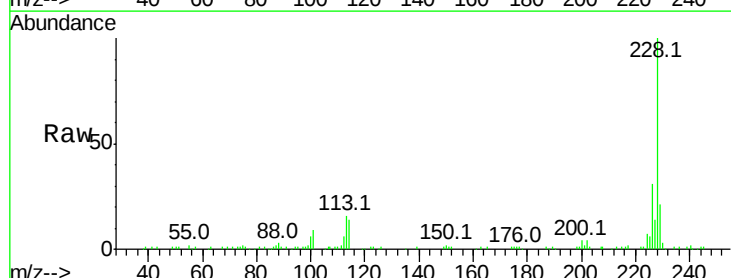
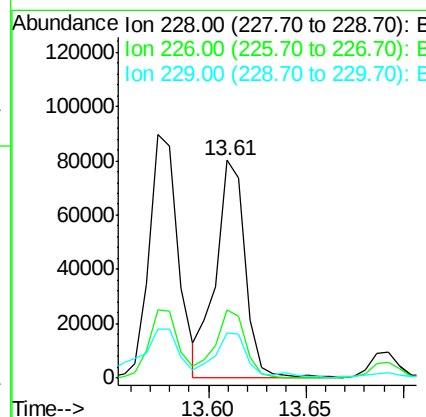
Manual Integrations
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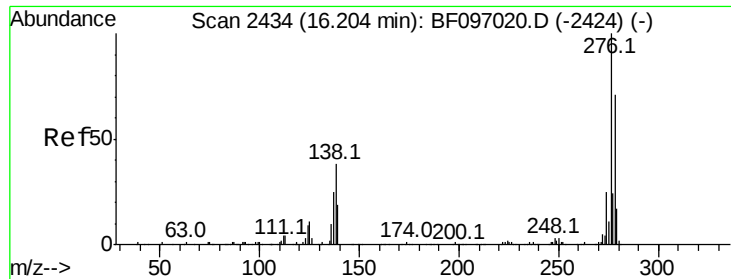
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#82
Chrysene
Concen: 5.966 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.05 min
Lab File: BF097252.D
Acq: 2 Aug 2017 4:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.6	15.8	23.6





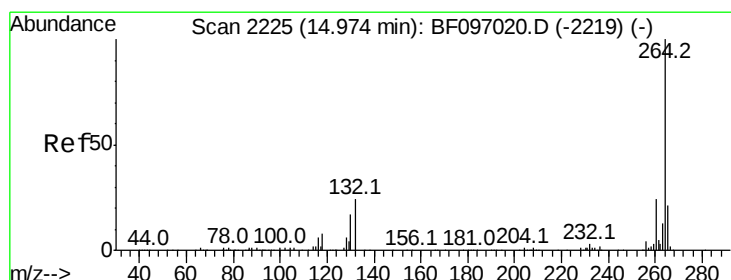
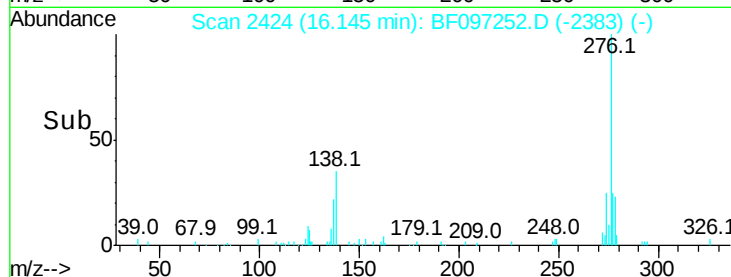
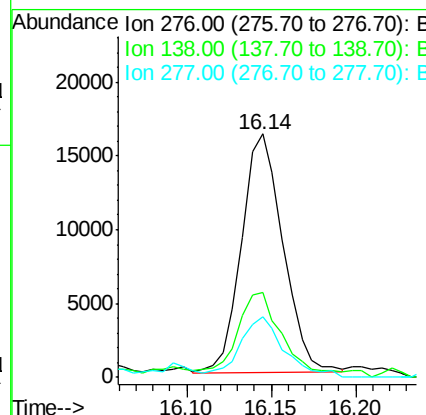
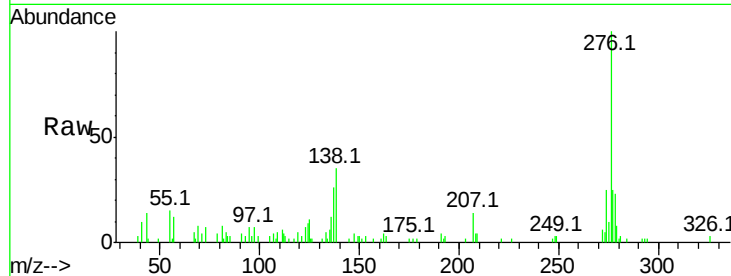
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.272 ng
RT: 16.14 min Scan# 2424
Delta R.T. -0.06 min
Lab File: BF097252.D
Acq: 2 Aug 2017 4:14

Instrument :
BNA_F
ClientSampleId :
E2-L6-BASE

Tot Ion	Ratio	Lower	Upper
276	100		
138	40.9	27.8	41.6
277	26.9	20.2	30.4

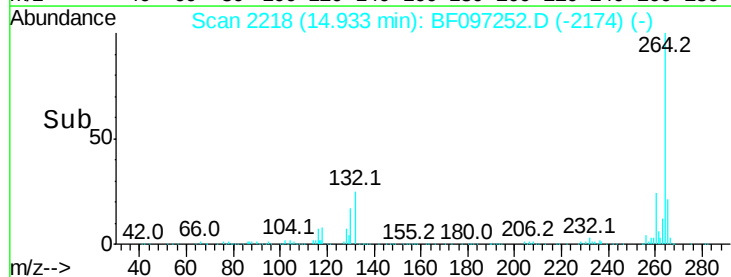
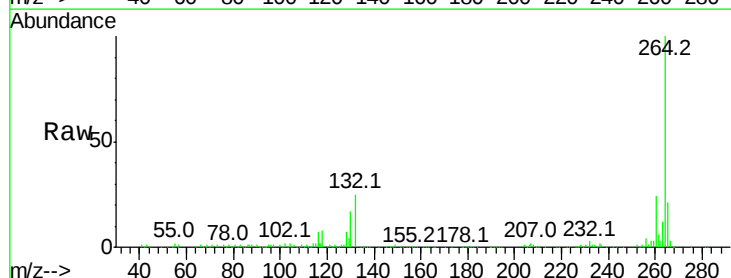
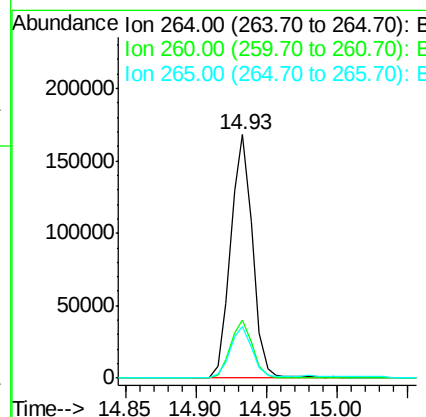
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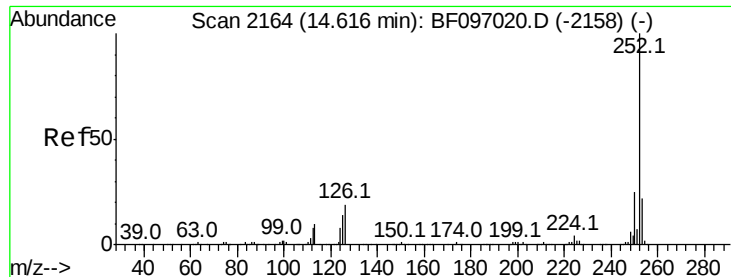
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#86
Perylene-d12
Concen: 20.000 ng
RT: 14.93 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BF097252.D
Acq: 2 Aug 2017 4:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 8.584 ng m

RT: 14.58 min Scan# 2158

Delta R.T. -0.04 min

Lab File: BF097252.D

Acq: 2 Aug 2017 4:14

Instrument :

BNA_F

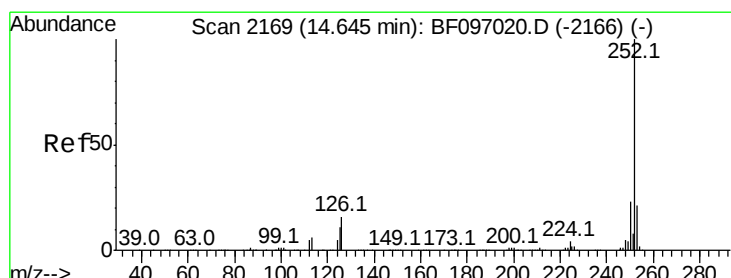
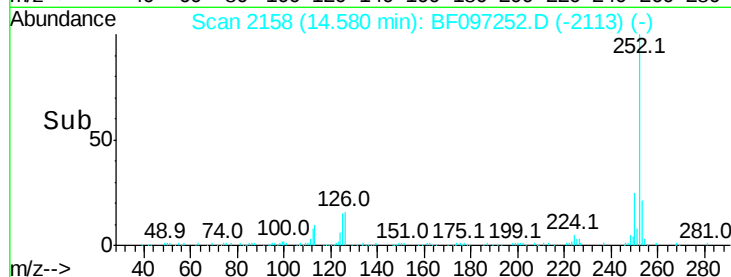
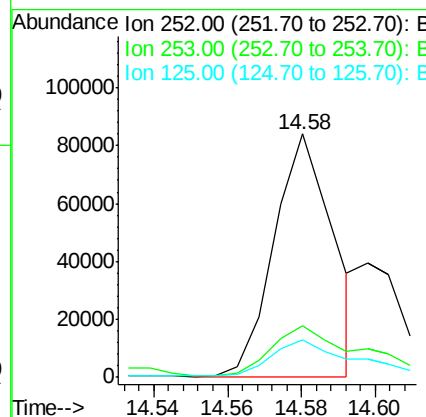
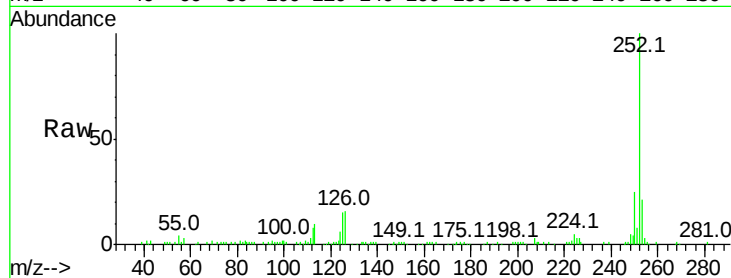
ClientSampled :

E2-L6-BASE

Tot Ion:	252	Resp:	93456
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.1	27.1
125	15.5	9.8	14.8#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 3.327 ng m

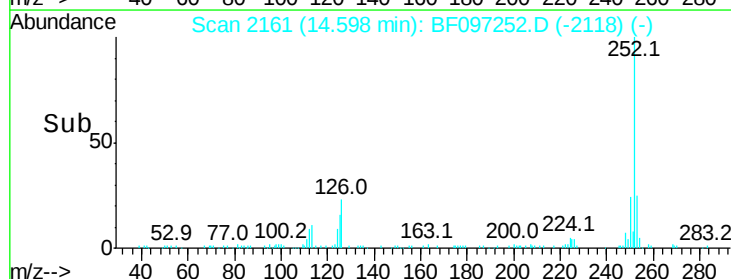
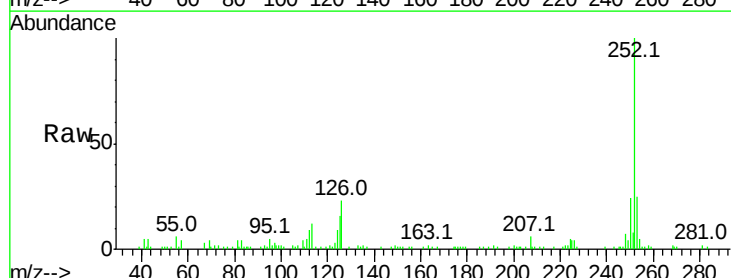
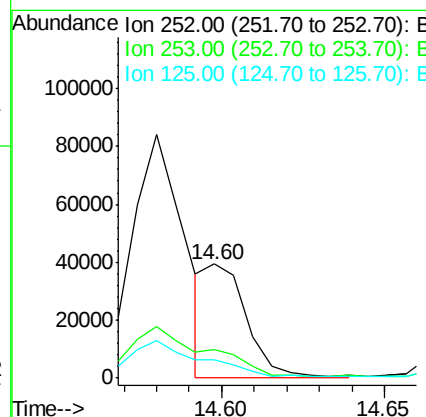
RT: 14.60 min Scan# 2161

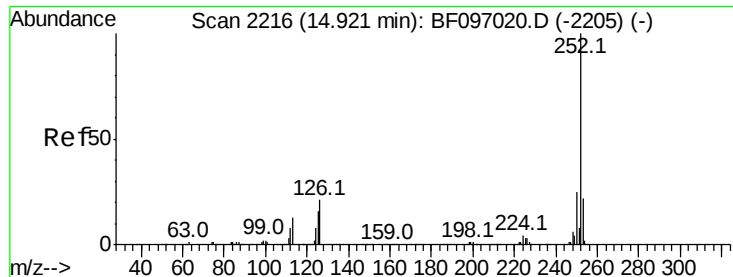
Delta R.T. -0.05 min

Lab File: BF097252.D

Acq: 2 Aug 2017 4:14

Tgt Ion:	252	Resp:	34513
Ion Ratio	Lower	Upper	
252	100		
253	25.2	18.4	27.6
125	16.1	13.1	19.7





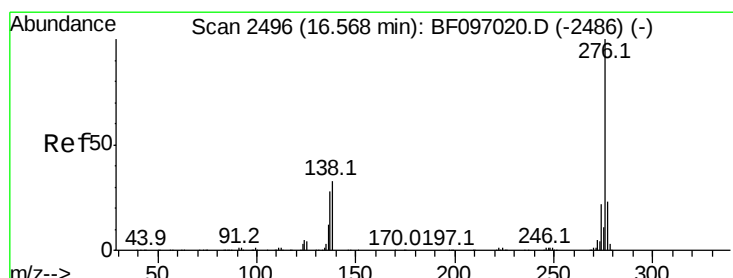
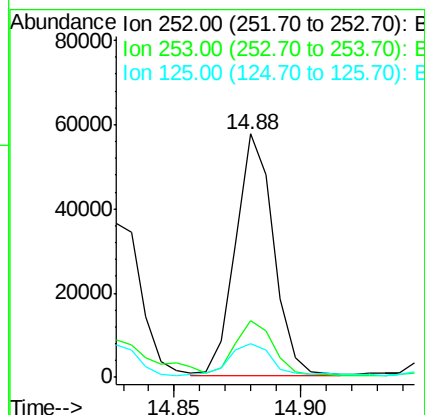
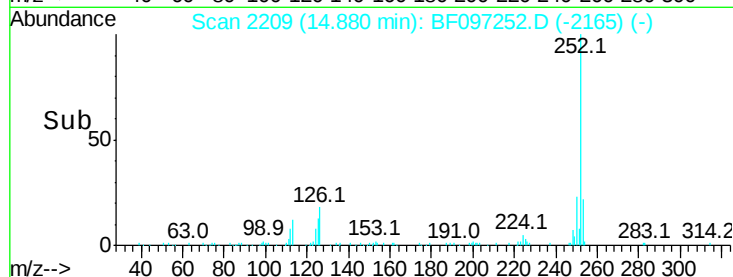
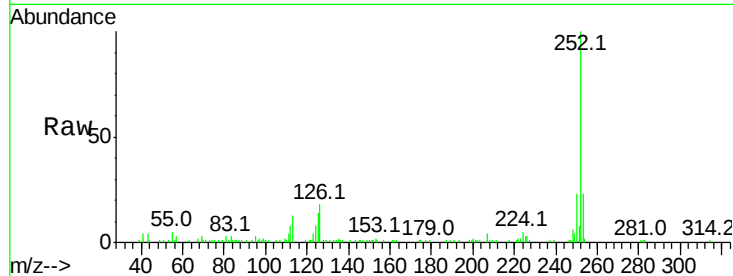
#89
Benzo(a)pyrene
Concen: 6.016 ng
RT: 14.88 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF097252.D
Acq: 2 Aug 2017 4:14

Instrument :
BNA_F
ClientSampleId :
E2-L6-BASE

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.1	17.5	26.3	
125	13.9	11.0	16.4	

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.080 ng
RT: 16.50 min Scan# 2485
Delta R.T. -0.06 min
Lab File: BF097252.D
Acq: 2 Aug 2017 4:14

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
277	25.7	18.6	28.0	
138	37.1	25.4	38.0	

