

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095953.D
 Acq On : 16 Jun 2017 13:47
 Operator : SJ/MA
 Sample : I3663-03RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001-BRE

Manual Integrations
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mohammad
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Quant Time: Jun 16 17:14:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	73448	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	301961	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	132511	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	205227	20.00	ng	0.00
75) Chrysene-d12	18.29	240	155238	20.00	ng	0.00
86) Perylene-d12	19.96	264	143767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	176593	38.31	ng	0.02
7) Phenol-d6	6.90	99	540459	97.94	ng	-0.01
23) Nitrobenzene-d5	8.24	82	303325	62.39	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	30036	25.62	ng	0.00
44) 2-Fluorobiphenyl	11.13	172	593553	62.33	ng	0.00
78) Terphenyl-d14	16.94	244	366551	58.60	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	9.39	128	85863	5.67	ng	98
37) 2-Methylnaphthalene	10.52	142	32575	3.18	ng	96
49) Dimethylphthalate	11.83	163	97030	9.64	ng	99
51) Acenaphthene	12.22	154	57070	6.77	ng	98
54) Dibenzofuran	12.52	168	64784	5.46	ng	95
57) Fluorene	13.06	166	65415	6.34	ng	97
70) Phenanthrene	14.60	178	600276	50.69	ng	98
71) Anthracene	14.69	178	162242	13.12	ng	96
72) Carbazole	15.00	167	72162	5.99	ng	99
74) Fluoranthene	16.39	202	587613	50.14	ng	98
77) Pyrene	16.69	202	478322	41.29	ng	# 96
80) Benzo(a)anthracene	18.28	228	215576	23.88	ng	98
82) Chrysene	18.32	228	193548	21.46	ng	99
83) Bis(2-ethylhexyl)phthalate	18.35	149	157332	22.05	ng	# 98
85) Indeno(1,2,3-cd)pyrene	21.13	276	76524	9.92	ng	93
87) Benzo(b)fluoranthene	19.56	252	215539m	23.94	ng	
88) Benzo(k)fluoranthene	19.59	252	83494m	9.70	ng	
89) Benzo(a)pyrene	19.91	252	154028	18.62	ng	# 96
90) Dibenzo(a,h)anthracene	21.13	278	21386	3.05	ng	# 83
91) Benzo(a,h,i)perylene	21.46	276	69579	9.72	ng	97

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

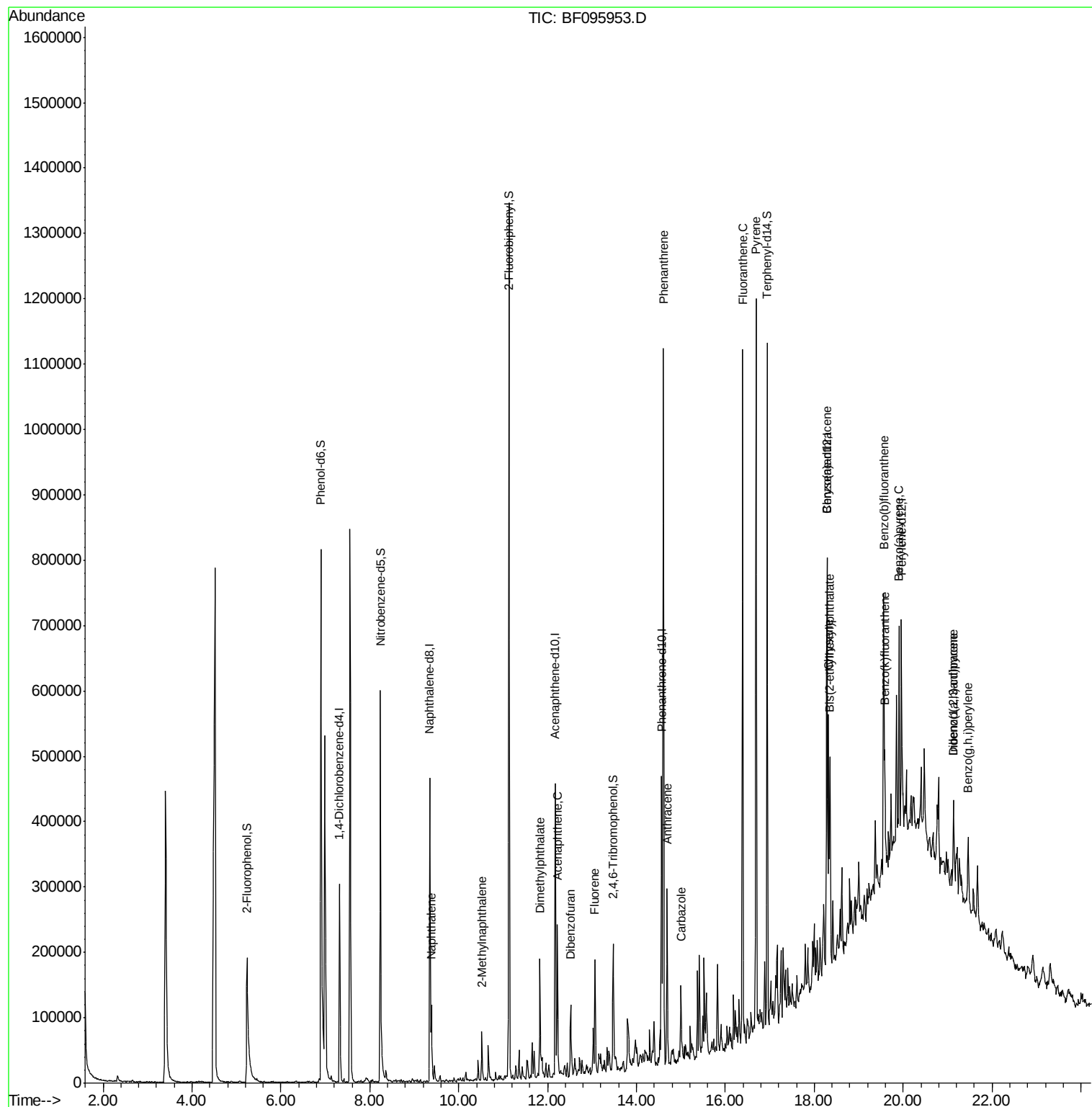
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095953.D
Acq On : 16 Jun 2017 13:47
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ALS Vial : 4 Sample Multiplier: 1

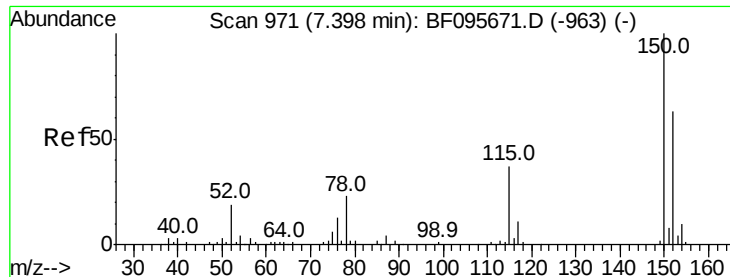
Instrument :
BNA_F
ClientSampleId :
ONSITE-001-BRE

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Quant Time: Jun 16 17:14:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

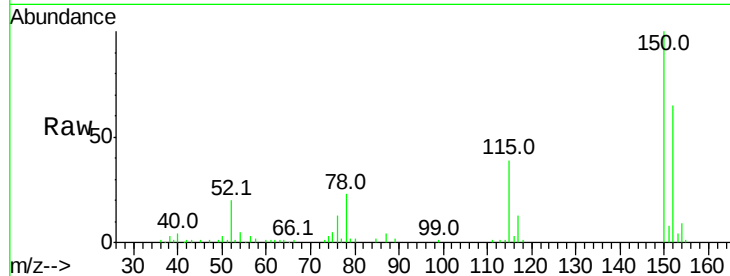
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF095953.D
 Acq: 16 Jun 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001-BRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.2	189.2
115	60.5	52.2	78.2

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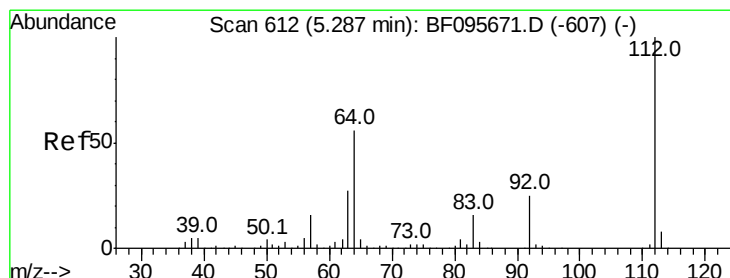
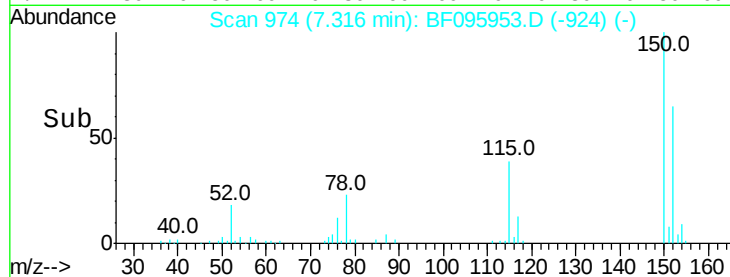
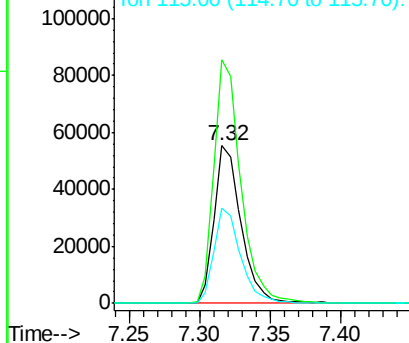


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

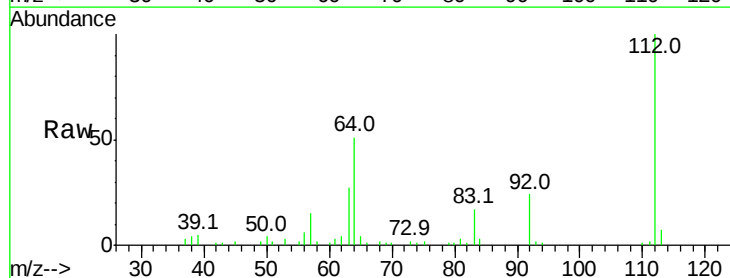
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 38.31 ng
 RT: 5.23 min Scan# 620
 Delta R.T. 0.02 min
 Lab File: BF095953.D
 Acq: 16 Jun 2017 13:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	46.0	69.0
63	26.6	23.4	35.0

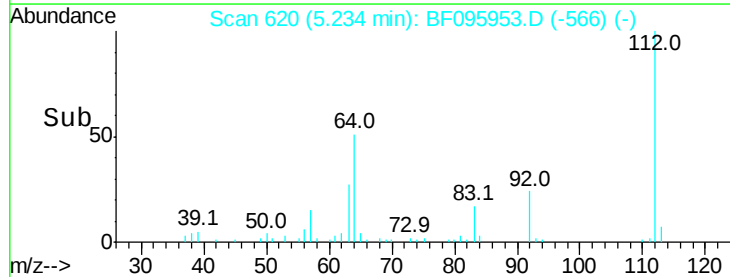
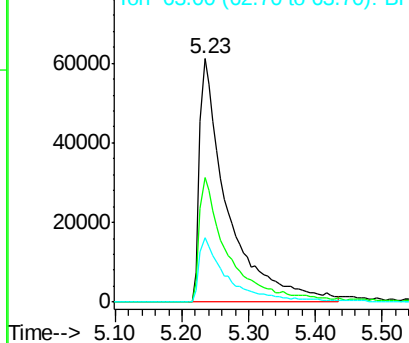


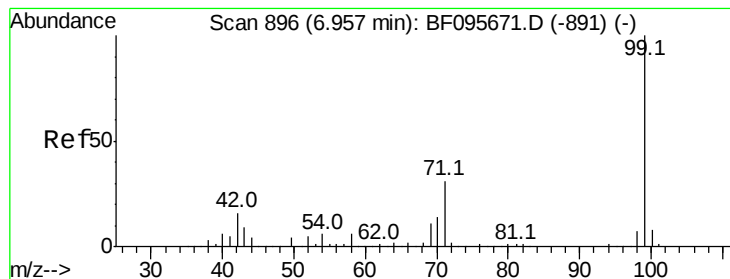
Abundance

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: 97.94 ng

RT: 6.90 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF095953.D

Acq: 16 Jun 2017 13:47

Instrument :

BNA_F

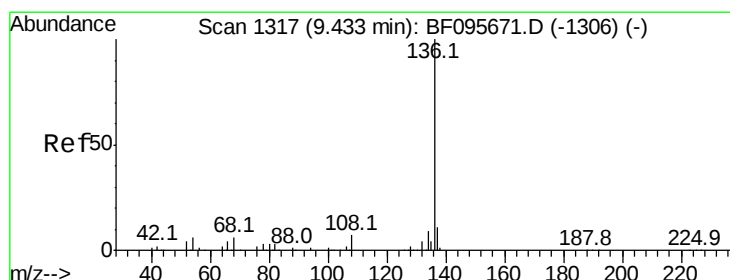
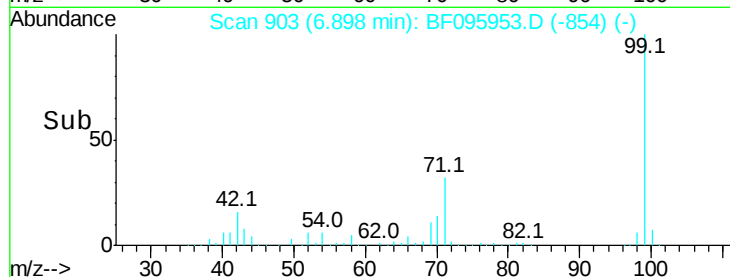
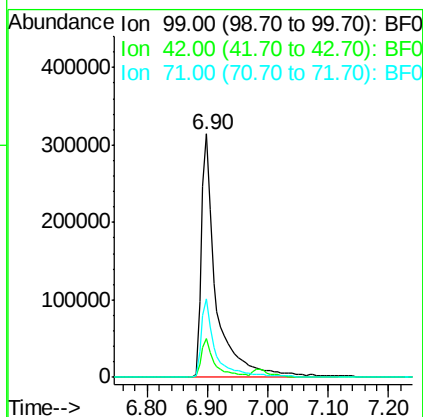
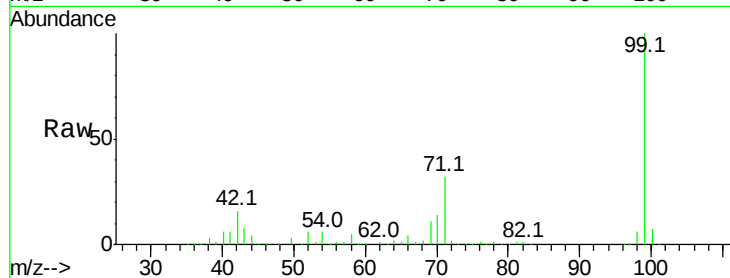
ClientSampleId :

ONSITE-001-BRE

Tot Ion:	99	Resp:	540459
Ion Ratio	Lower	Upper	
99	100		
42	15.9	13.5	20.3
71	32.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

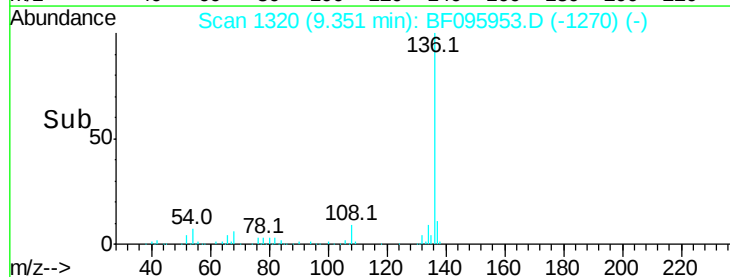
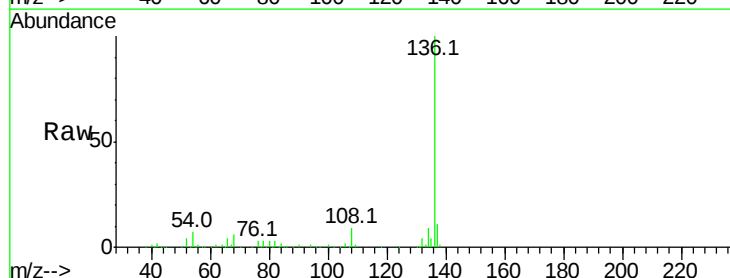
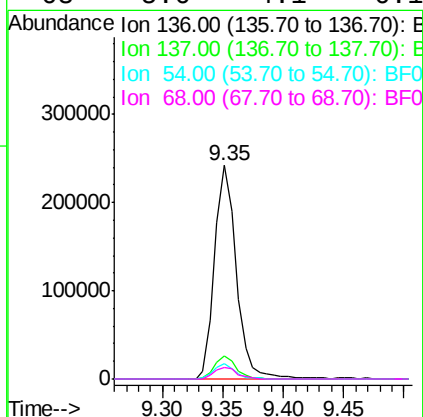
RT: 9.35 min Scan# 1320

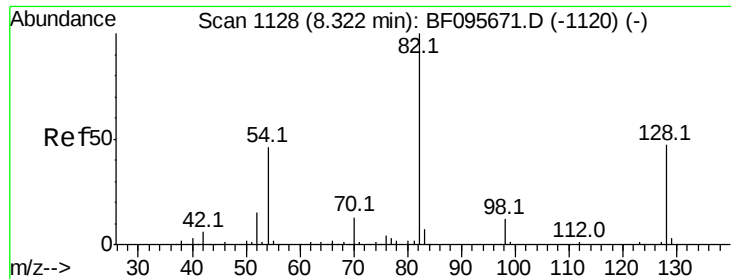
Delta R.T. -0.01 min

Lab File: BF095953.D

Acq: 16 Jun 2017 13:47

Tgt Ion:	136	Resp:	301961
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	7.0	4.9	7.3
68	5.6	4.1	6.1





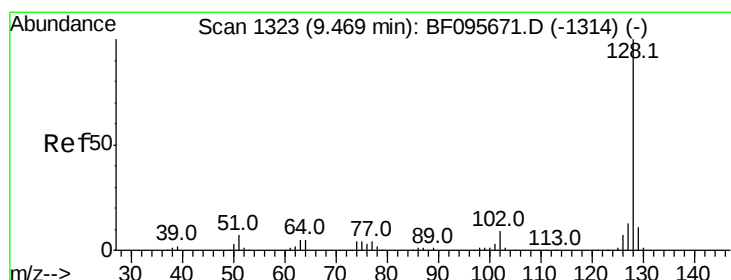
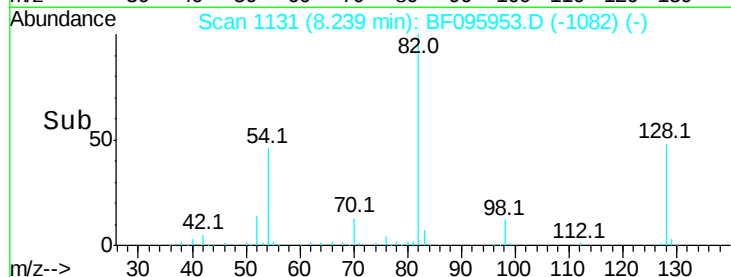
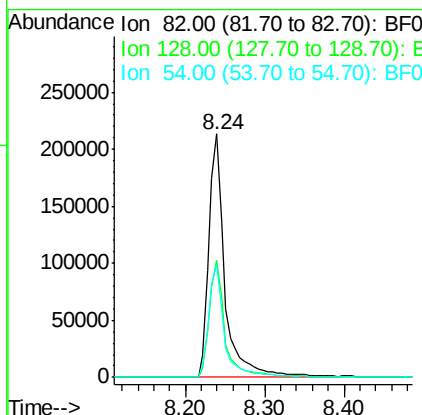
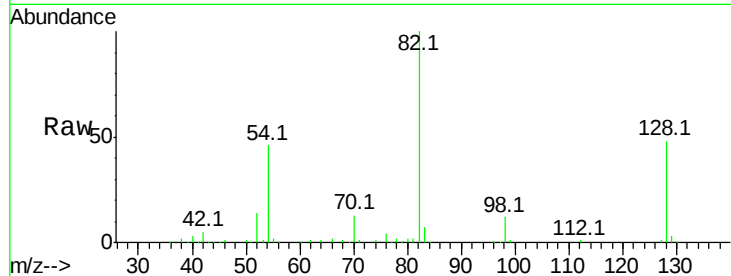
#23
Nitrobenzene-d5
Concen: 62.39 ng
RT: 8.24 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF095953.D
Acq: 16 Jun 2017 13:47

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-BRE

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.0	51.0
54	46.2	42.2	63.2

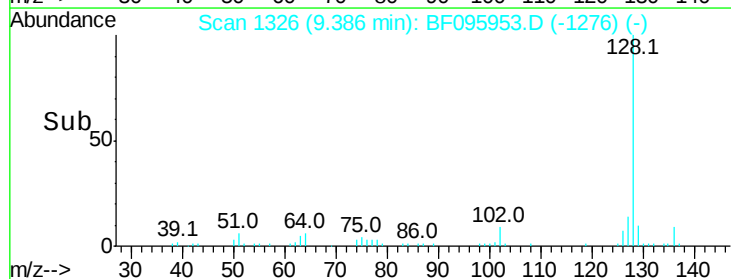
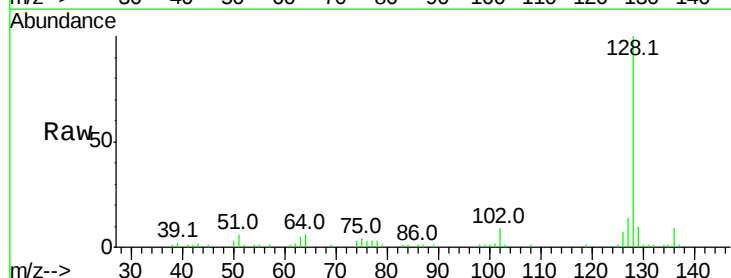
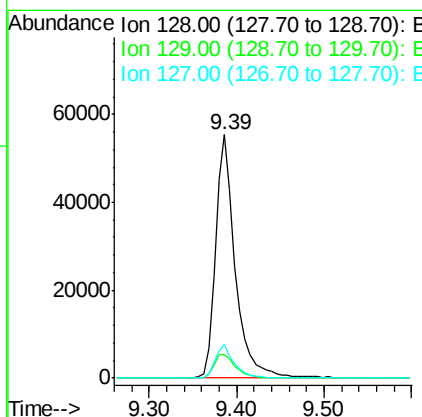
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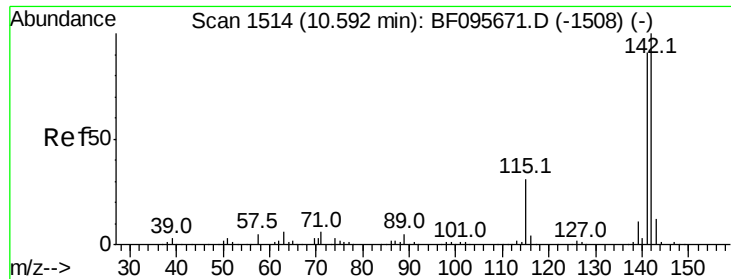
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#31
Naphthalene
Concen: 5.67 ng
RT: 9.39 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF095953.D
Acq: 16 Jun 2017 13:47

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.8	9.0	13.6
127	14.0	10.8	16.2





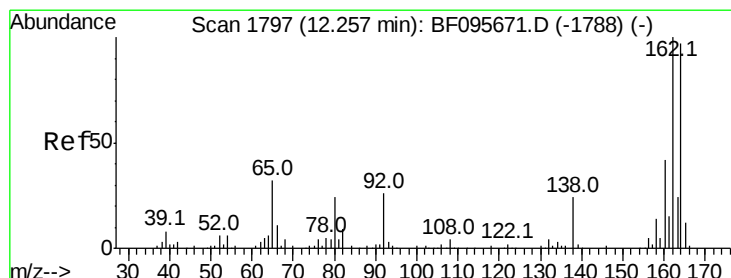
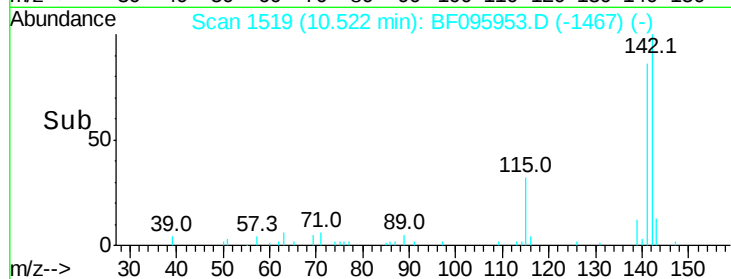
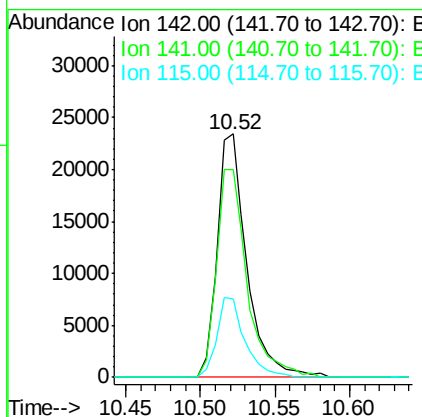
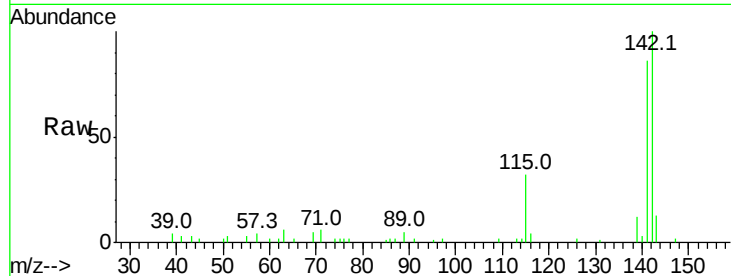
#37
2-Methylnaphthalene
Concen: 3.18 ng
RT: 10.52 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF095953.D
Acq: 16 Jun 2017 13:47

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-BRE

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.5	71.3	106.9
115	32.4	27.1	40.7

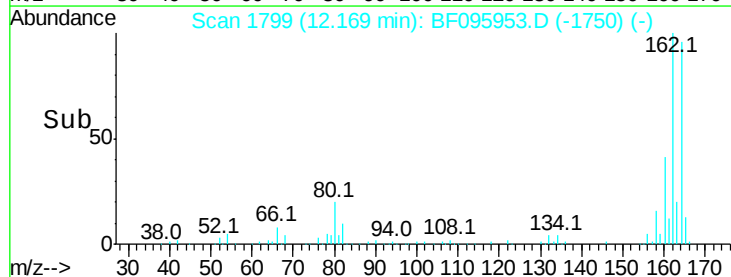
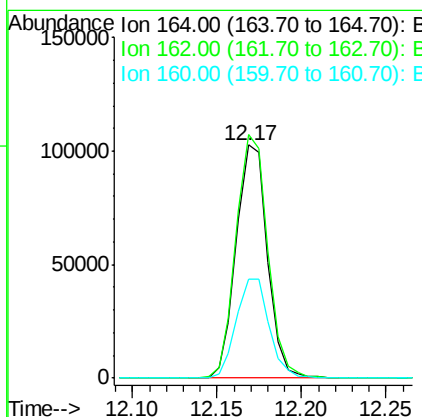
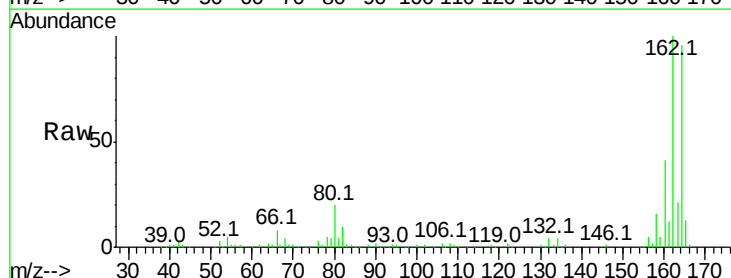
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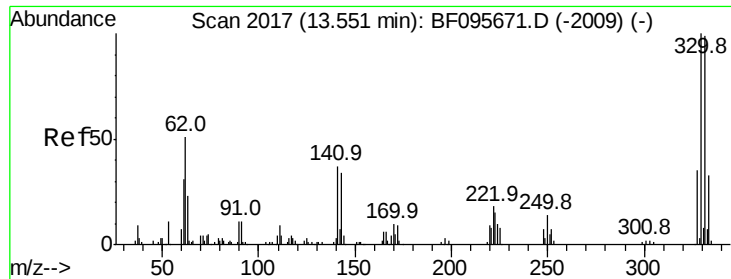
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF095953.D
Acq: 16 Jun 2017 13:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.6	123.8
160	42.5	36.2	54.2





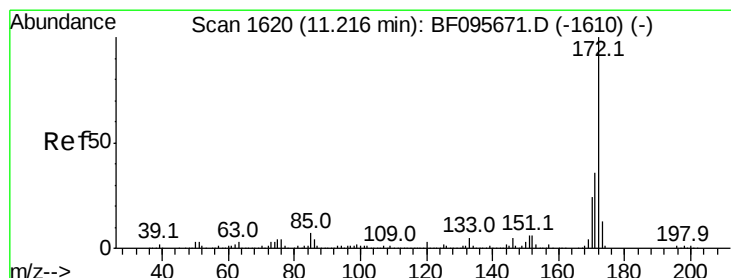
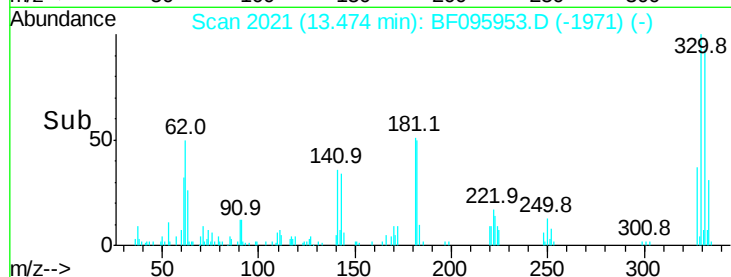
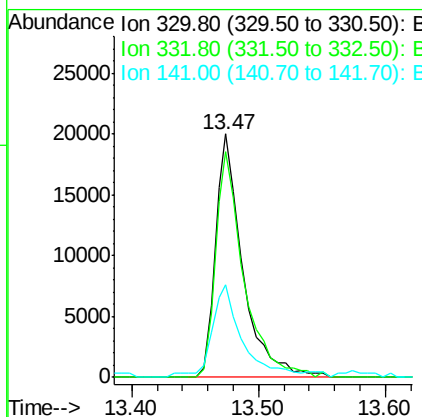
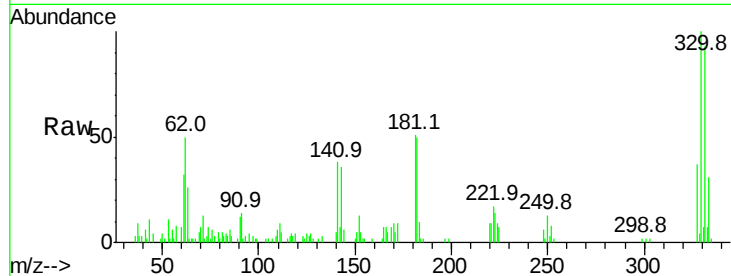
#41
2,4,6-Tribromophenol
Concen: 25.62 ng
RT: 13.47 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF095953.D
Acq: 16 Jun 2017 13:47

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-BRE

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	41.9	31.4	47.2

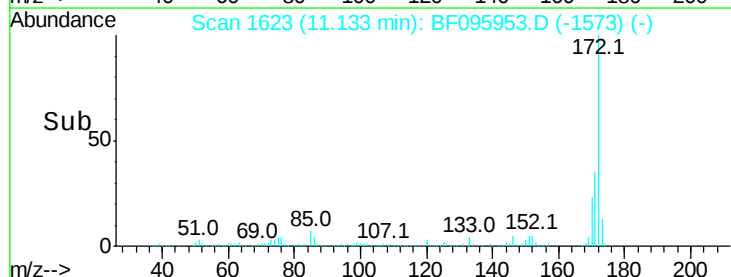
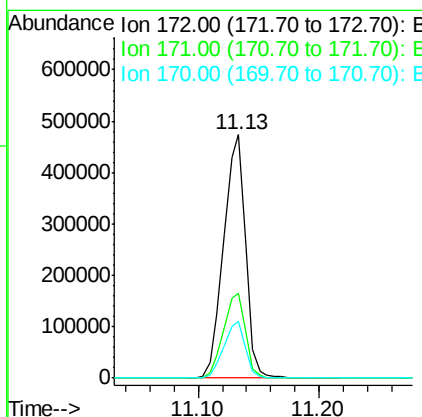
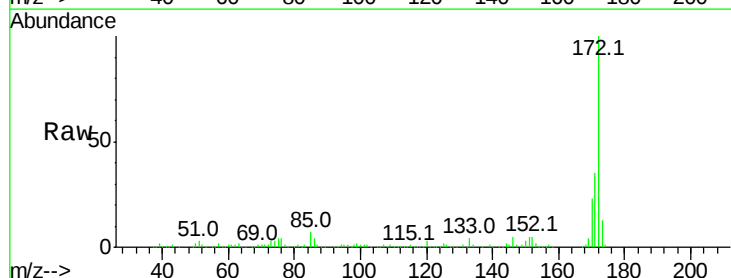
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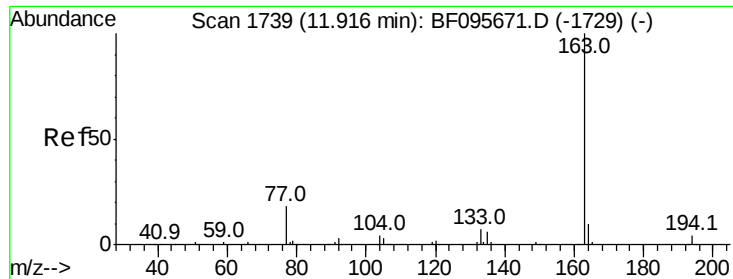
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#44
2-Fluorobiphenyl
Concen: 62.33 ng
RT: 11.13 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF095953.D
Acq: 16 Jun 2017 13:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.3	19.8	29.8





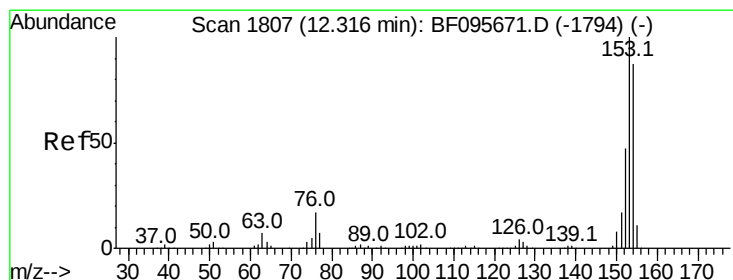
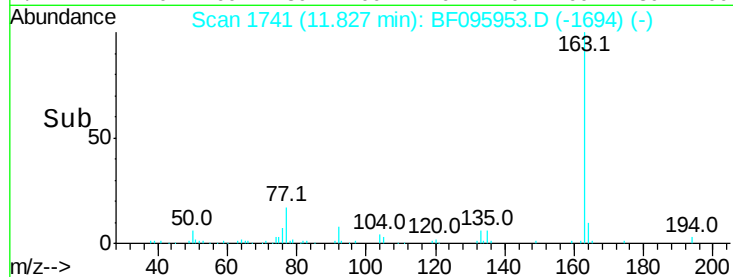
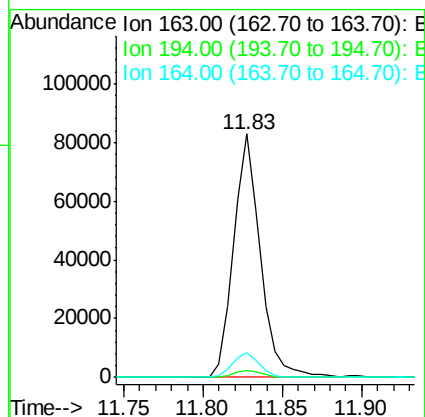
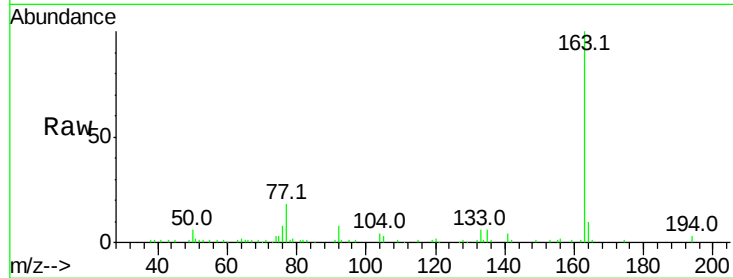
#49
Dimethylphthalate
Concen: 9.64 ng
RT: 11.83 min Scan# 1741
Delta R.T. -0.02 min
Lab File: BF095953.D
Acq: 16 Jun 2017 13:47

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-BRE

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.1	8.4	12.6

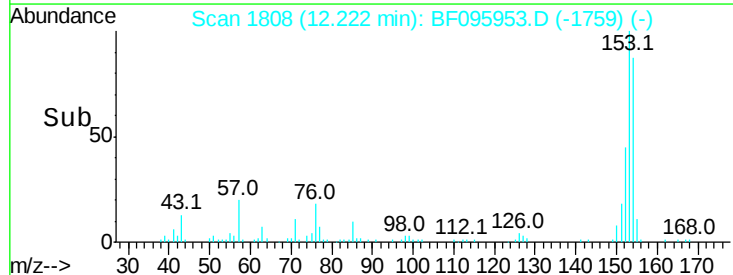
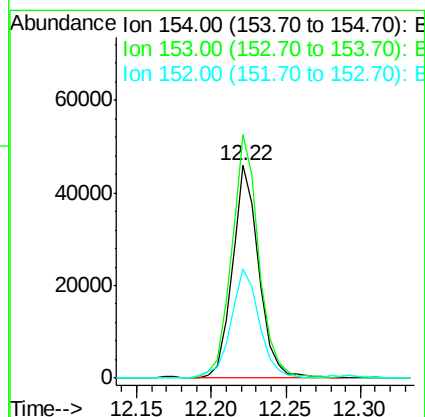
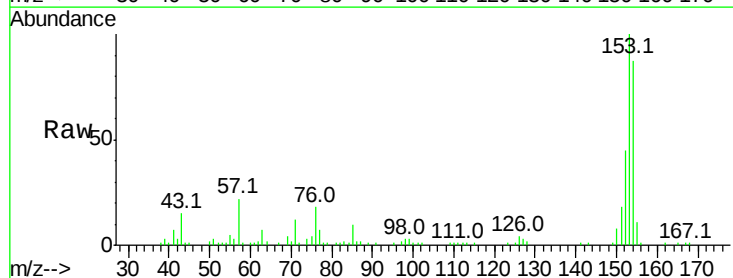
Manual Integrations
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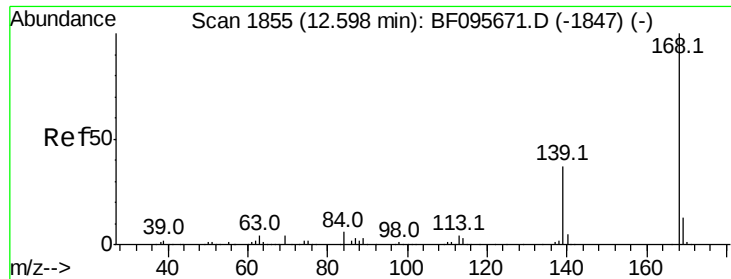
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#51
Acenaphthene
Concen: 6.77 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF095953.D
Acq: 16 Jun 2017 13:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.4	90.5	135.7
152	51.2	43.6	65.4





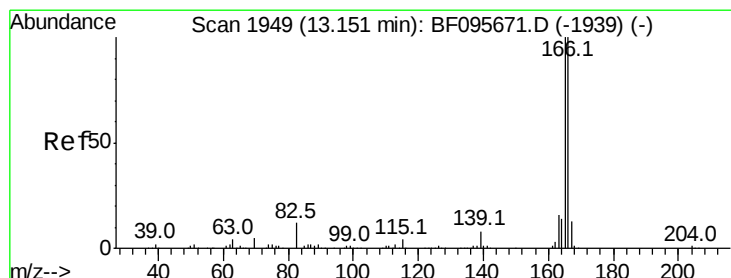
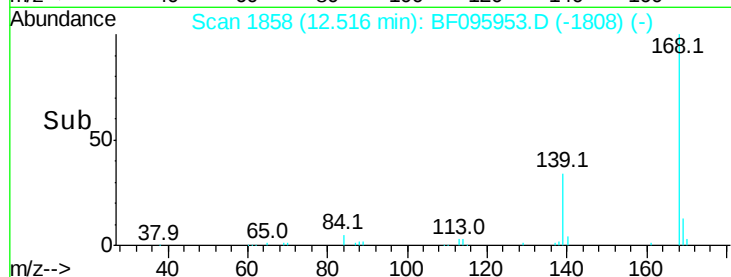
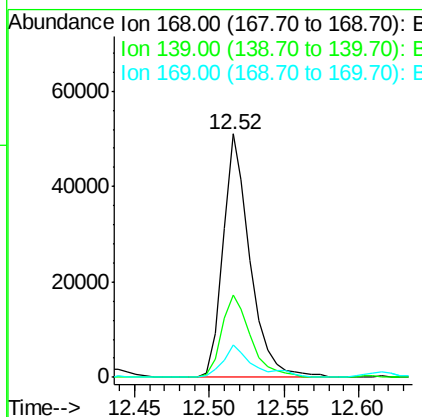
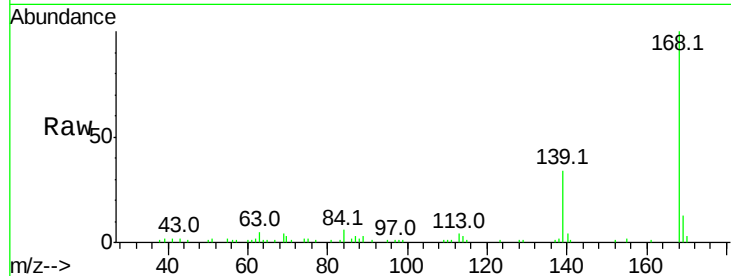
#54
Dibenzenofuran
Concen: 5.46 ng
RT: 12.52 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BF095953.D
Acq: 16 Jun 2017 13:47

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-BRE

Tot Ion	Ratio	Lower	Upper
168	100		
139	33.9	30.6	45.8
169	13.2	10.8	16.2

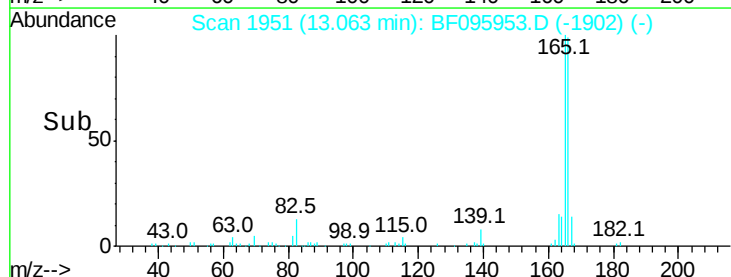
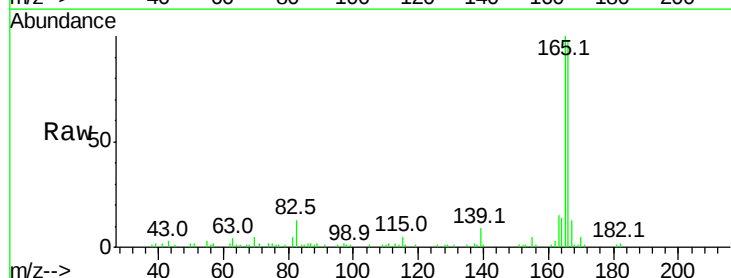
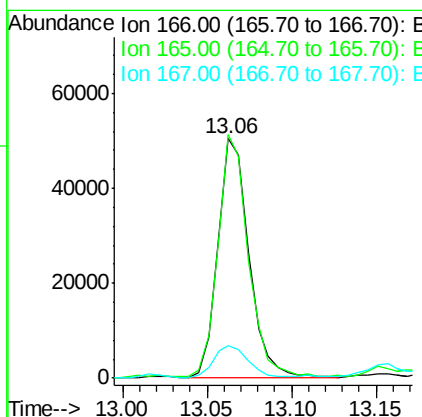
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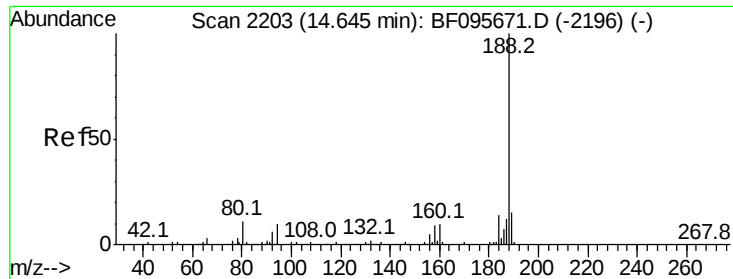
mohammad
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#57
Fluorene
Concen: 6.34 ng
RT: 13.06 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BF095953.D
Acq: 16 Jun 2017 13:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.8	78.8	118.2
167	13.7	10.6	16.0





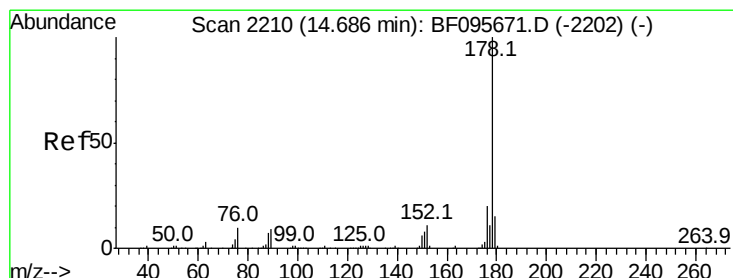
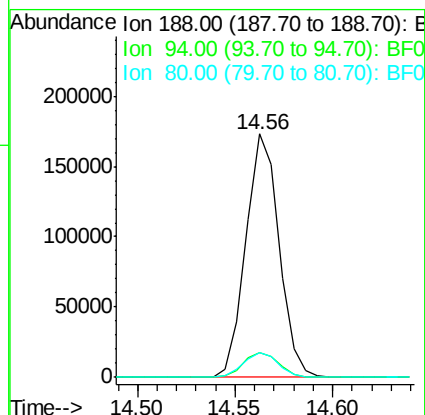
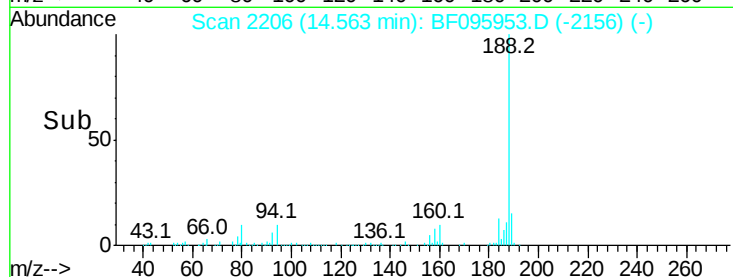
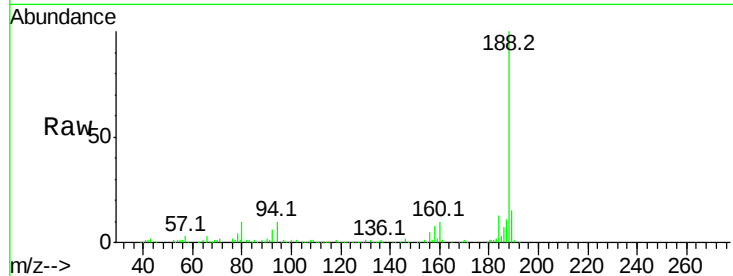
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095953.D
Acq: 16 Jun 2017 13:47

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-BRE

Tot Ion	Ratio	Resp	Lower	Upper
188	100	205227		
94	10.3		9.4	14.2
80	10.3		10.2	15.2

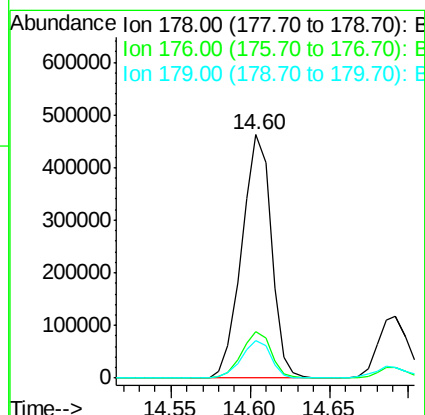
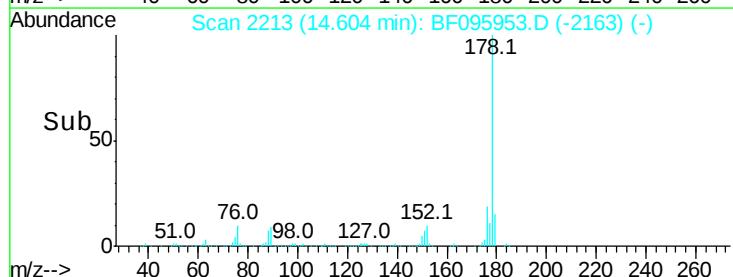
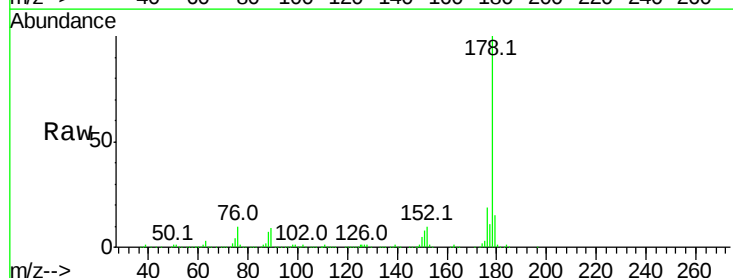
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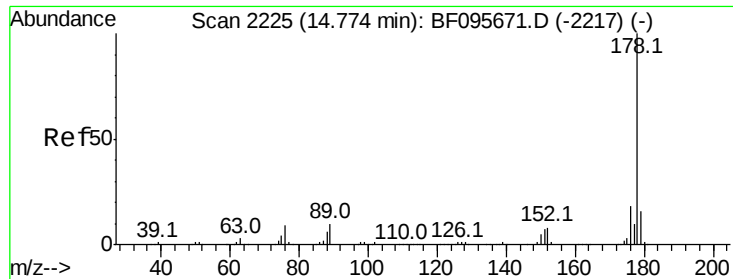
mohammad
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#70
Phenanthrene
Concen: 50.69 ng
RT: 14.60 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF095953.D
Acq: 16 Jun 2017 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	600276		
176	19.0		16.2	24.4
179	15.4		12.6	19.0





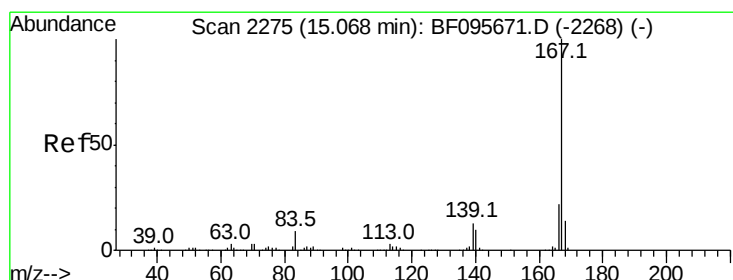
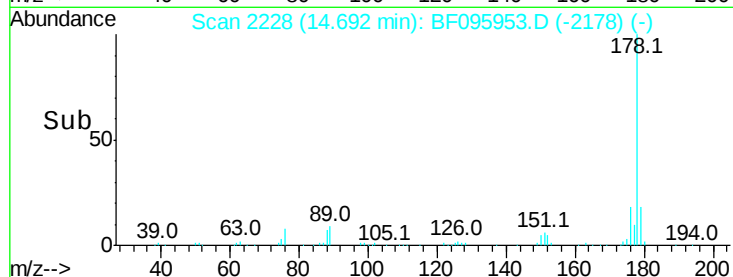
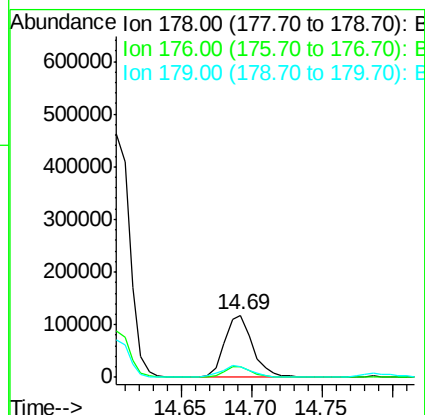
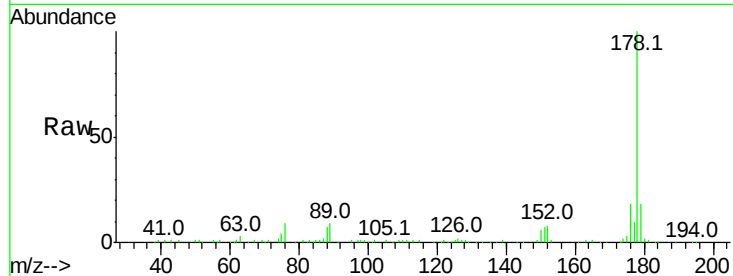
#71
 Anthracene
 Concen: 13.12 ng
 RT: 14.69 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF095953.D
 Acq: 16 Jun 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001-BRE

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	18.2	12.7	19.1

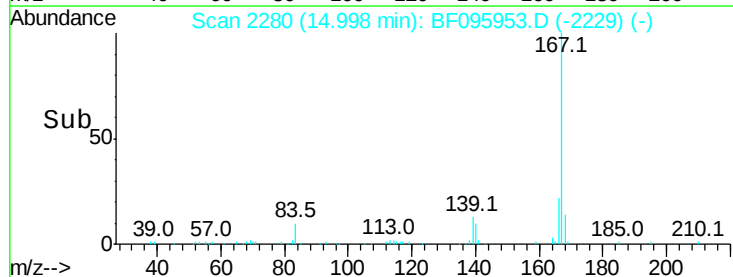
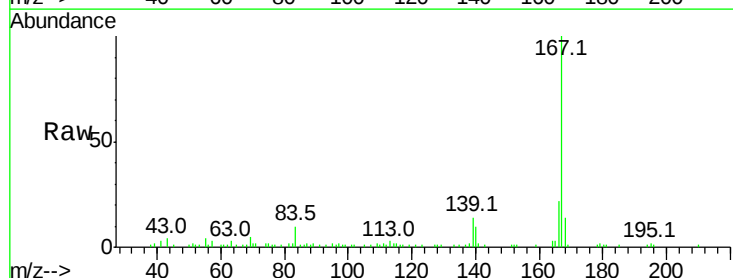
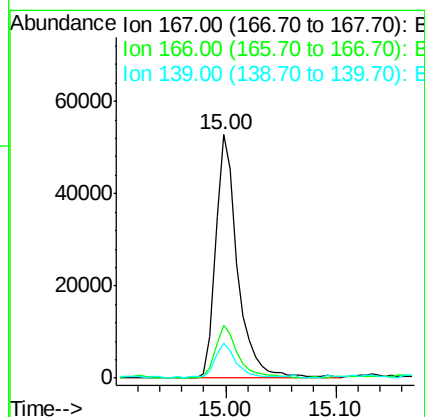
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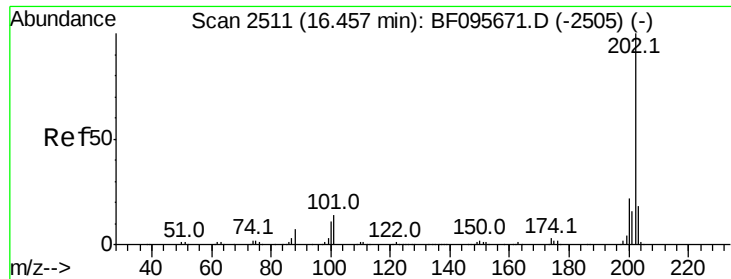
mohammad
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#72
 Carbazole
 Concen: 5.99 ng
 RT: 15.00 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BF095953.D
 Acq: 16 Jun 2017 13:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.1	27.1
139	14.5	11.7	17.5





#74

Fluoranthene

Concen: 50.14 ng

RT: 16.39 min Scan# 2517

Delta R.T. 0.00 min

Lab File: BF095953.D

Acq: 16 Jun 2017 13:47

Instrument :

BNA_F

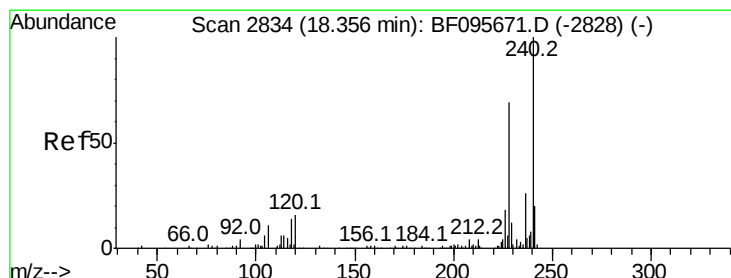
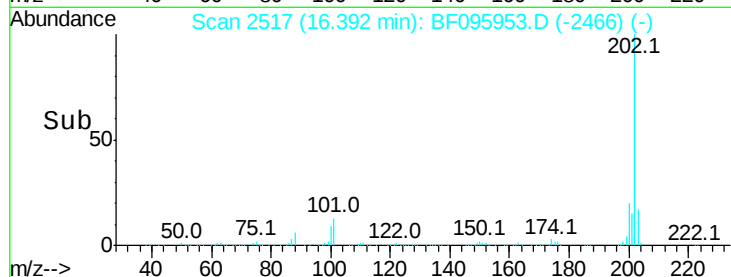
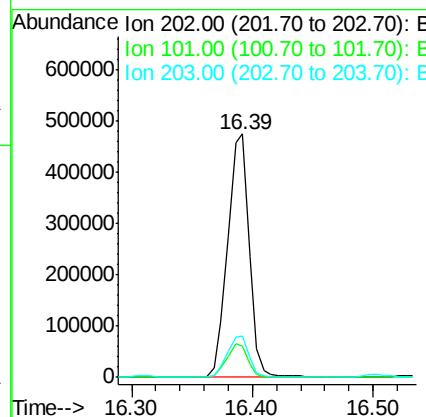
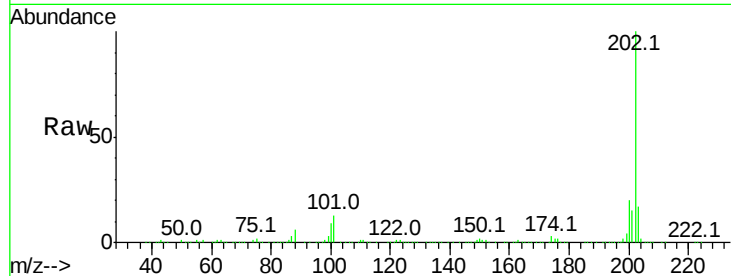
ClientSampleId :

ONSITE-001-BRE

Tot Ion	Ratio	Resp	Lower	Upper
202	100	587613		
101	12.7	0.0	33.2	
203	16.7	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.00 ng

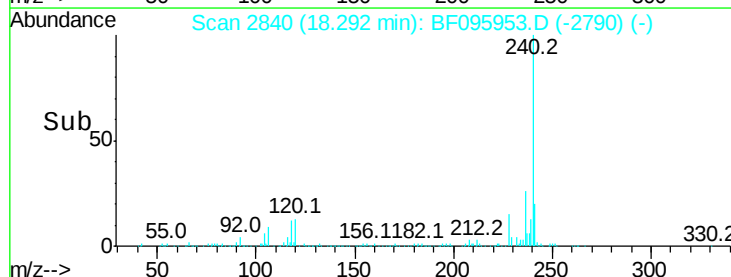
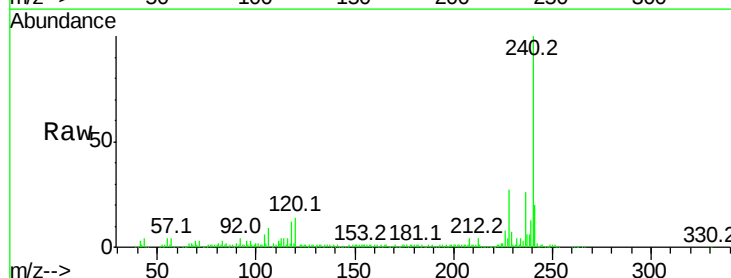
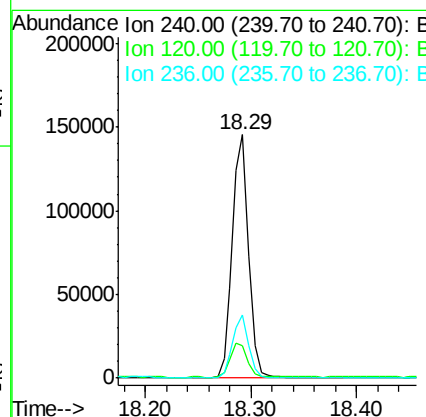
RT: 18.29 min Scan# 2840

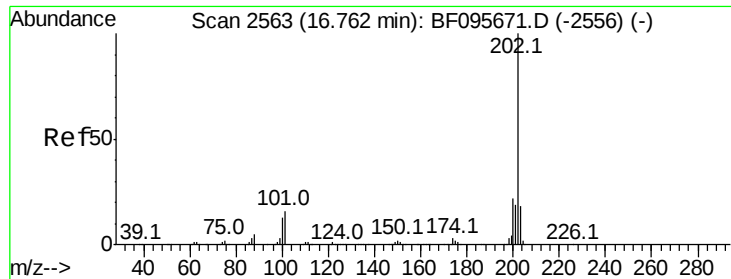
Delta R.T. -0.01 min

Lab File: BF095953.D

Acq: 16 Jun 2017 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	155238		
120	13.5	5.8	8.8#	
236	25.9	20.5	30.7	





#77

Pvrene

Concen: 41.29 ng

RT: 16.69 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BF095953.D

Acq: 16 Jun 2017 13:47

Instrument :

BNA_F

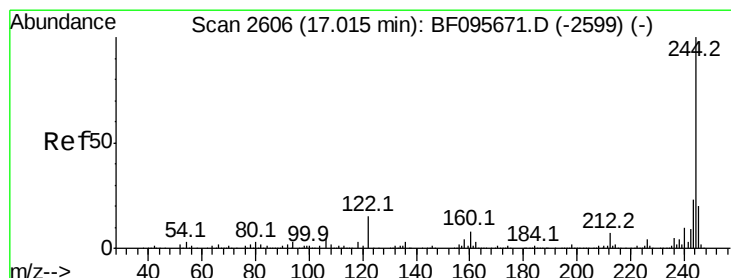
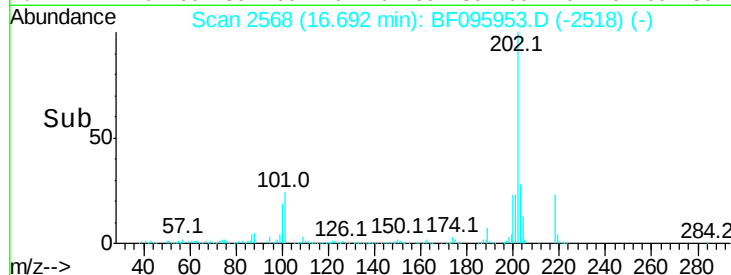
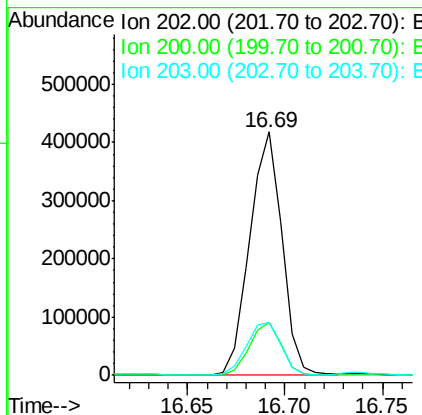
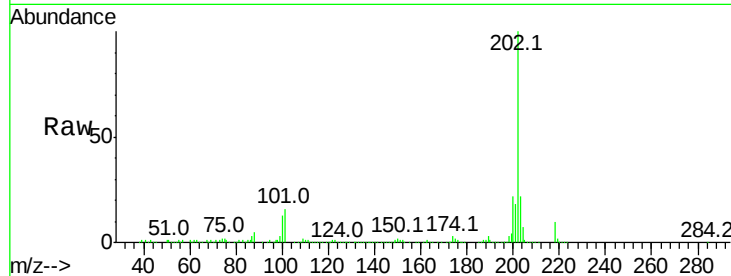
ClientSampleId :

ONSITE-001-BRE

Tot Ion:	202	Resp:	478322
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.6	26.4
203	21.7	14.4	21.6#

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#78

Terphenyl-d14

Concen: 58.60 ng

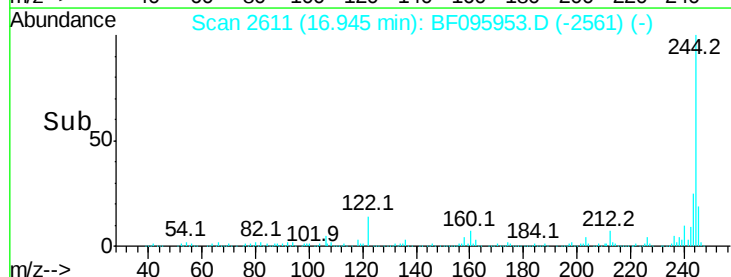
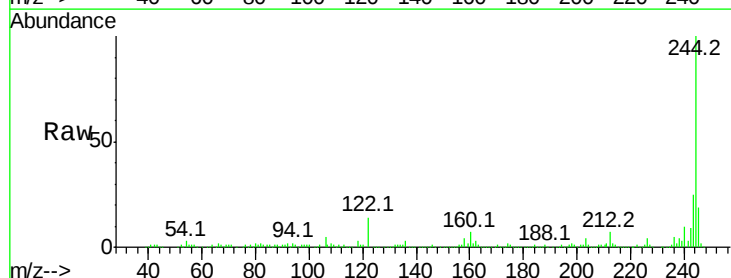
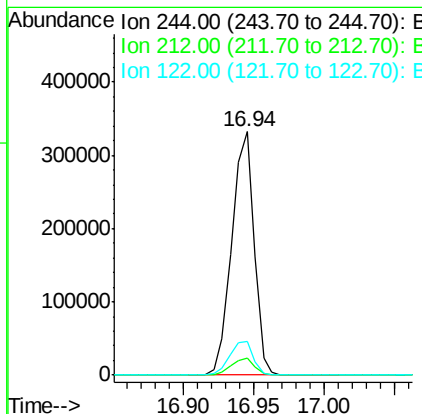
RT: 16.94 min Scan# 2611

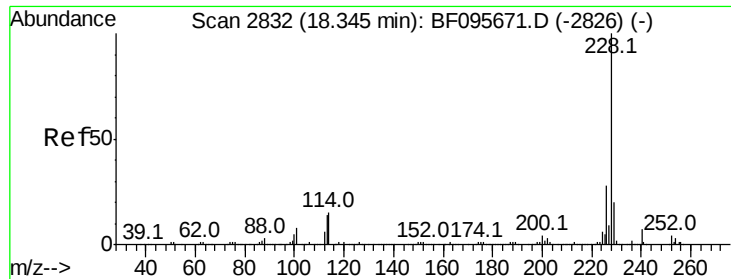
Delta R.T. -0.01 min

Lab File: BF095953.D

Acq: 16 Jun 2017 13:47

Tgt Ion:	244	Resp:	366551
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	13.8	10.3	15.5





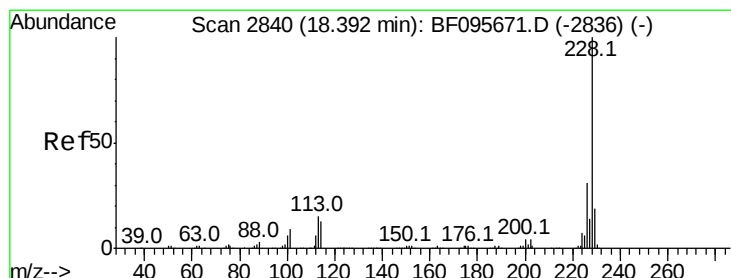
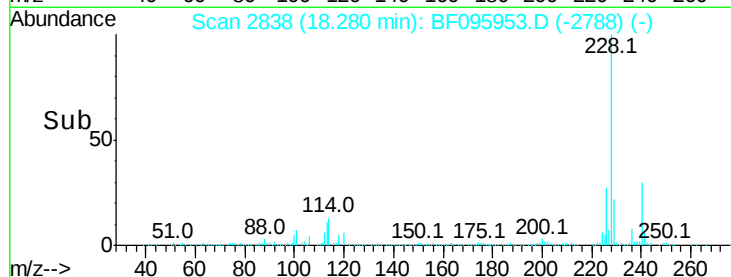
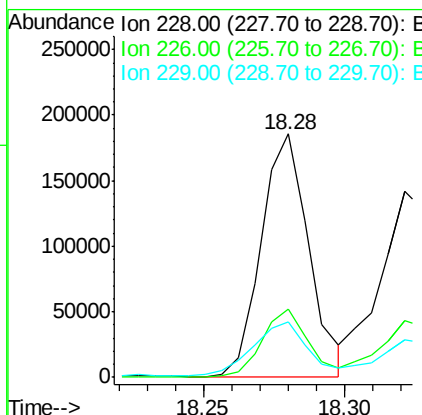
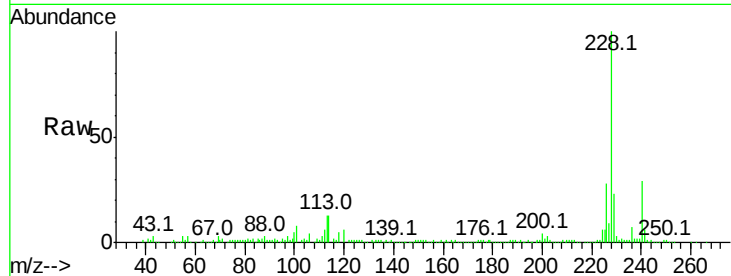
#80
Benzo(a)anthracene
Concen: 23.88 ng
RT: 18.28 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF095953.D
Acq: 16 Jun 2017 13:47

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-BRE

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	23.0	16.3	24.5

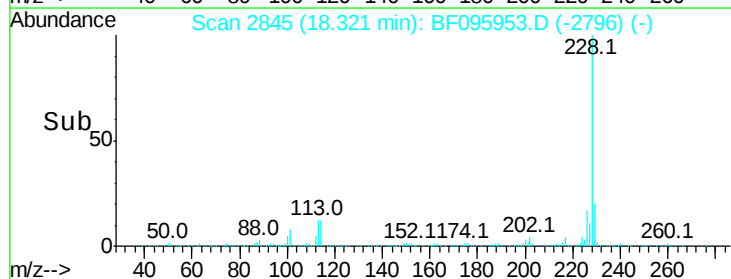
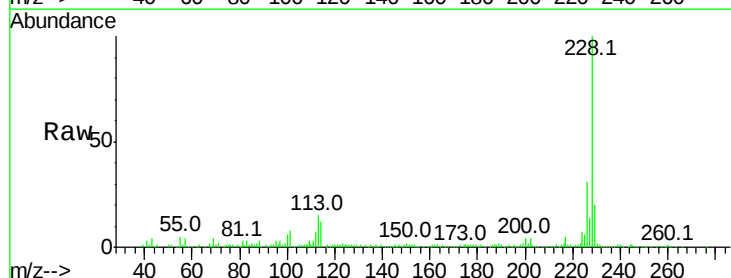
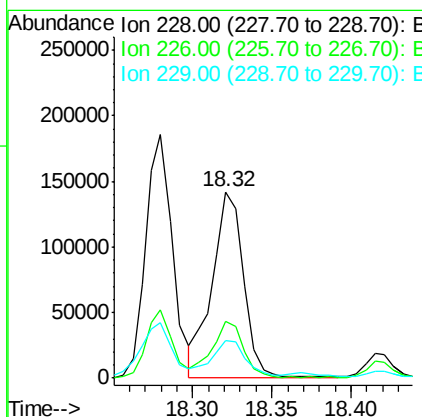
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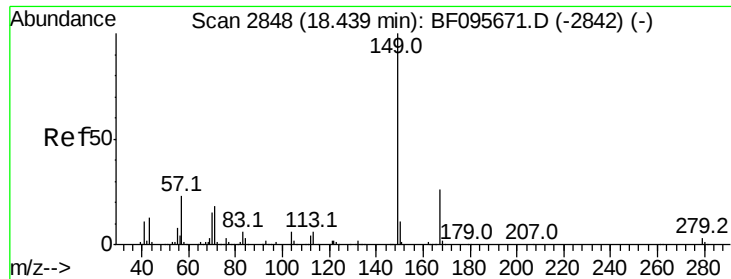
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#82
Chrysene
Concen: 21.46 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095953.D
Acq: 16 Jun 2017 13:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.2	15.8	23.6





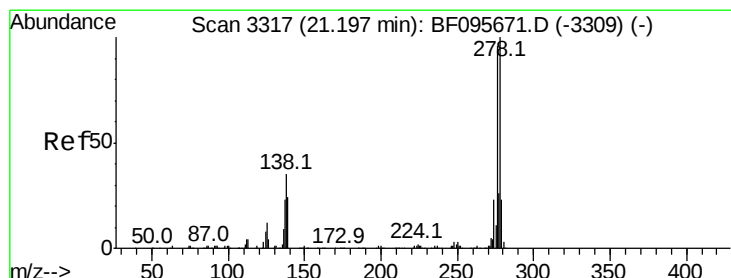
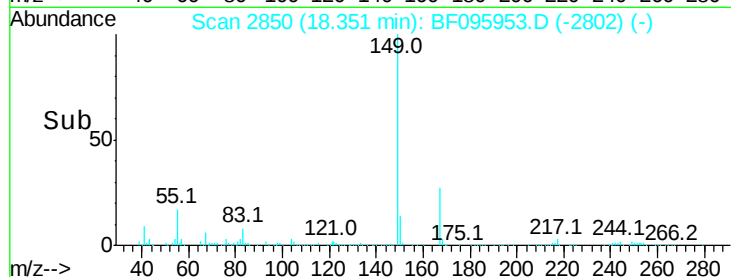
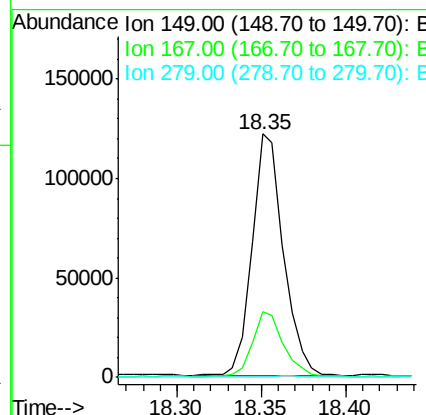
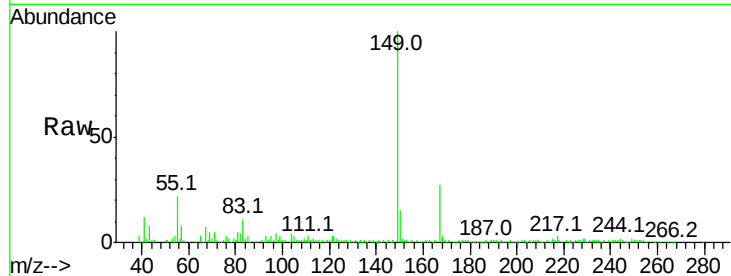
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.05 ng
 RT: 18.35 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BF095953.D
 Acq: 16 Jun 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001-BRE

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.0	31.4
279	0.3	1.9	2.9

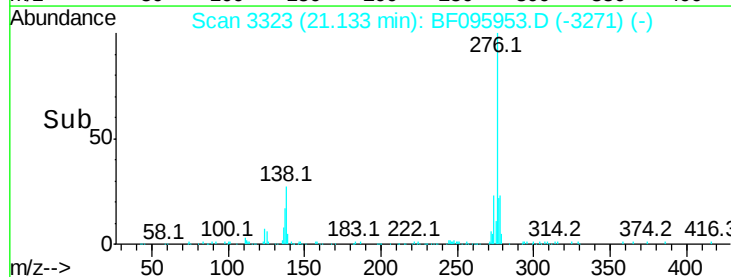
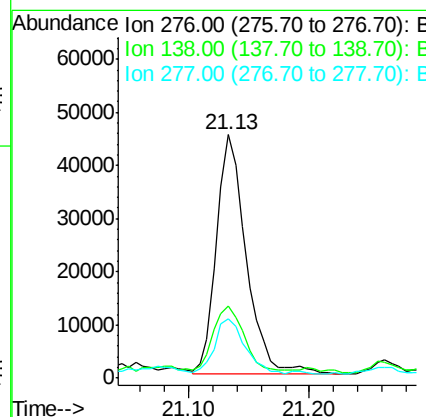
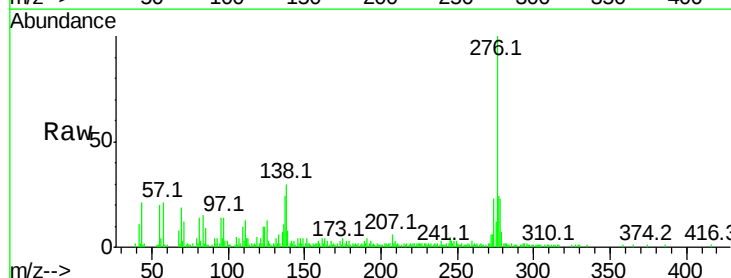
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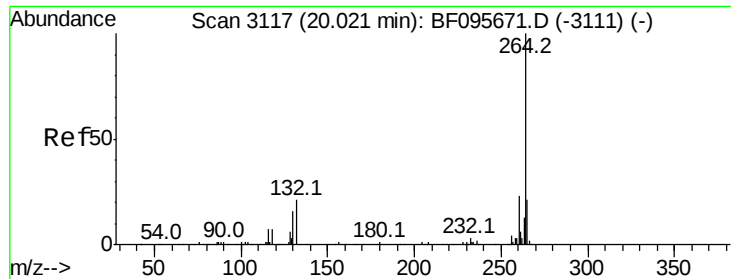
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 9.92 ng
 RT: 21.13 min Scan# 3323
 Delta R.T. 0.01 min
 Lab File: BF095953.D
 Acq: 16 Jun 2017 13:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.9	27.8	41.6
277	23.7	20.2	30.4





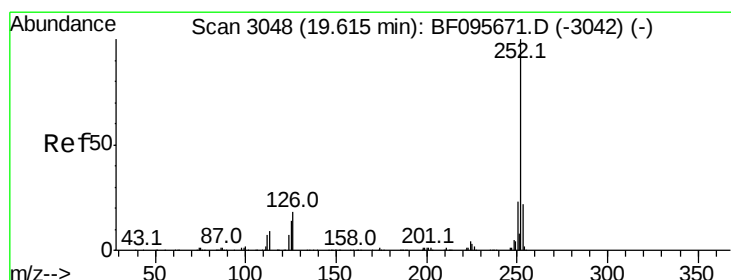
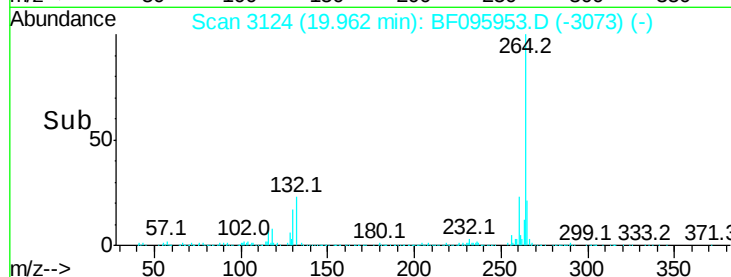
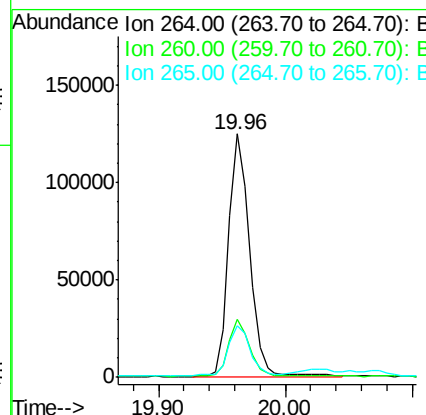
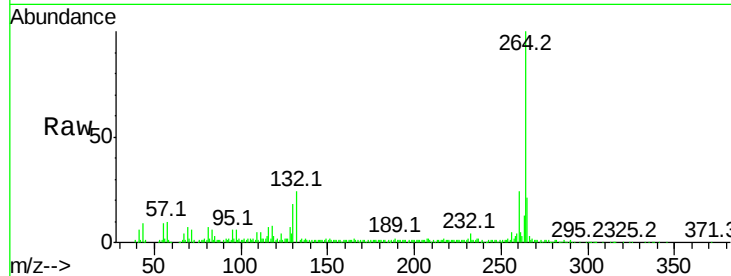
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BF095953.D
Acq: 16 Jun 2017 13:47

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-BRE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.3	17.2	25.8

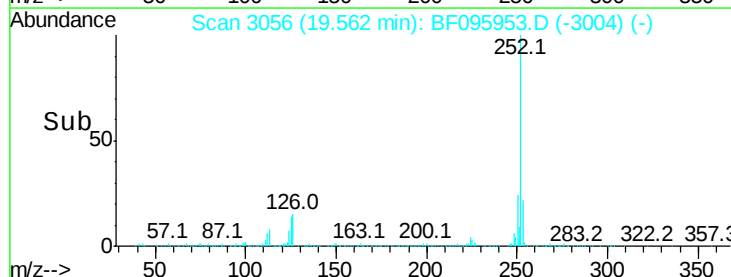
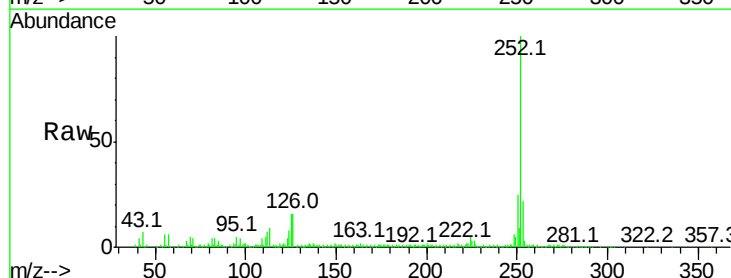
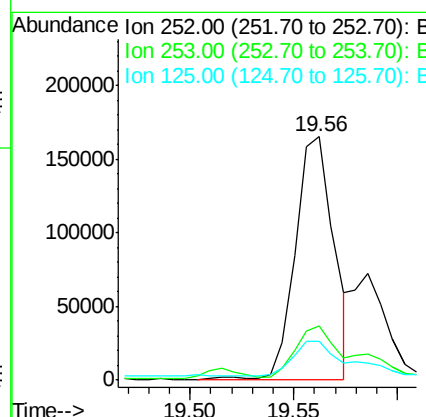
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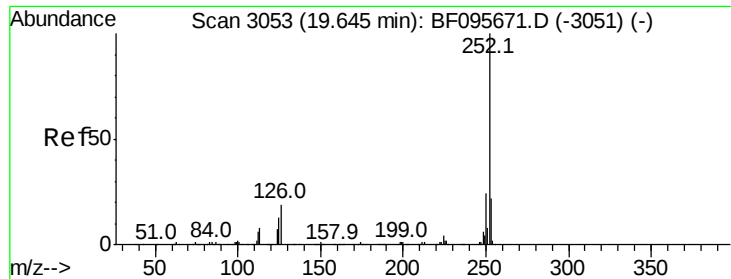
mohammad
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#87
Benzo(b)fluoranthene
Concen: 23.94 ng m
RT: 19.56 min Scan# 3056
Delta R.T. 0.01 min
Lab File: BF095953.D
Acq: 16 Jun 2017 13:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	16.1	9.8	14.8





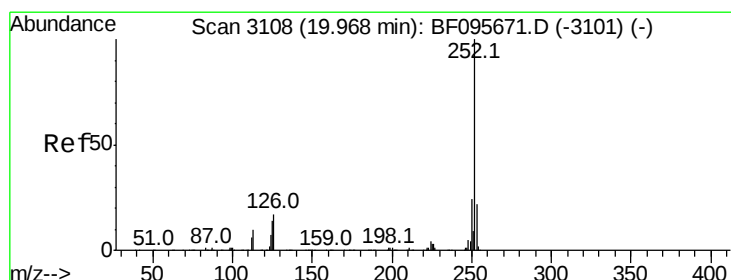
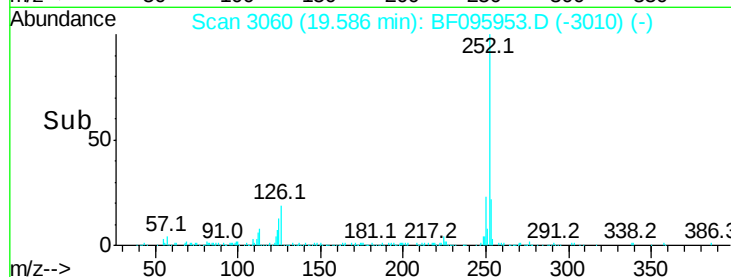
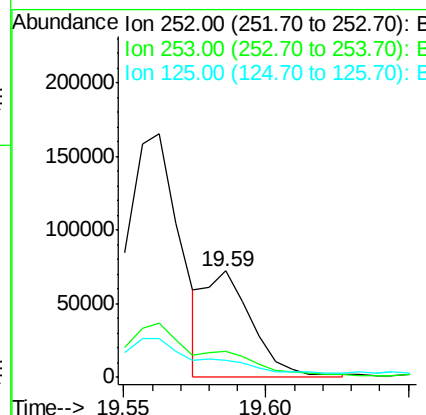
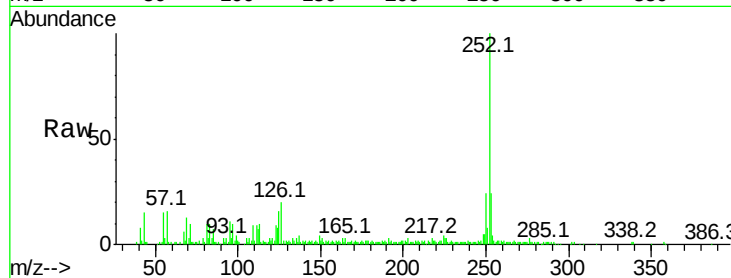
#88
Benzo(k)fluoranthene
Concen: 9.70 ng m
RT: 19.59 min Scan# 3060
Delta R.T. -0.01 min
Lab File: BF095953.D
Acq: 16 Jun 2017 13:47

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-BRE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.4	27.6
125	16.5	13.1	19.7

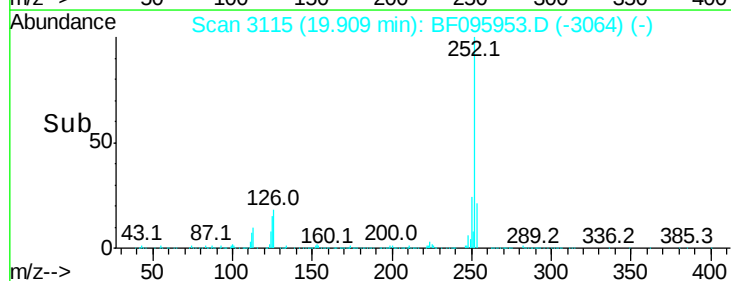
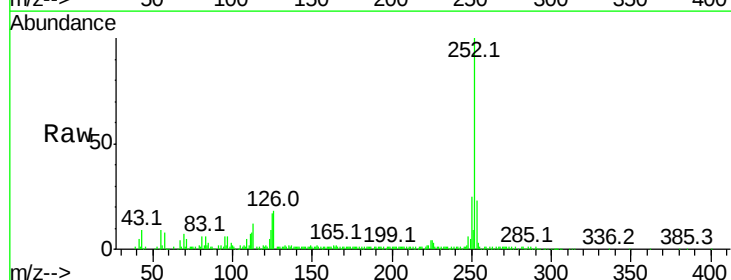
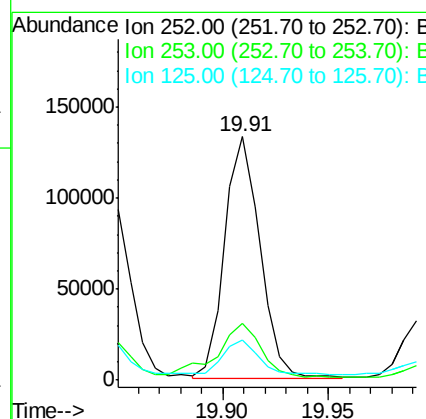
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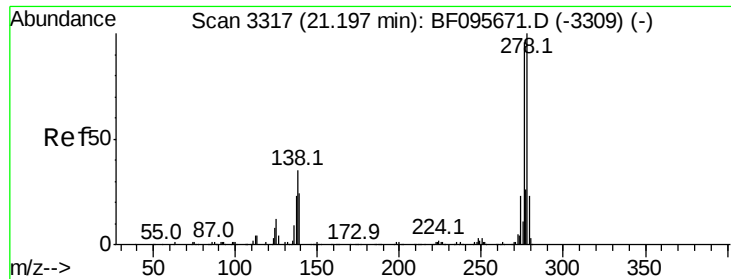
mohammad
6/19/2017 3:46:48 PM



#89
Benzo(a)pyrene
Concen: 18.62 ng
RT: 19.91 min Scan# 3115
Delta R.T. 0.00 min
Lab File: BF095953.D
Acq: 16 Jun 2017 13:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	16.5	11.0	16.4#





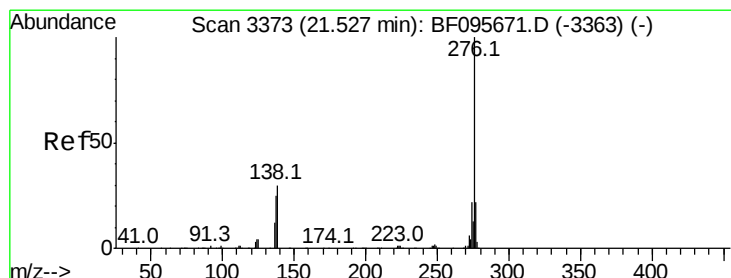
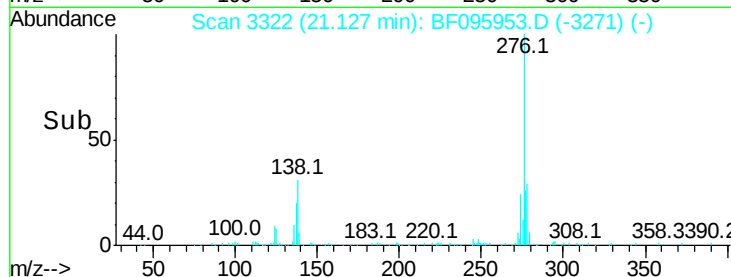
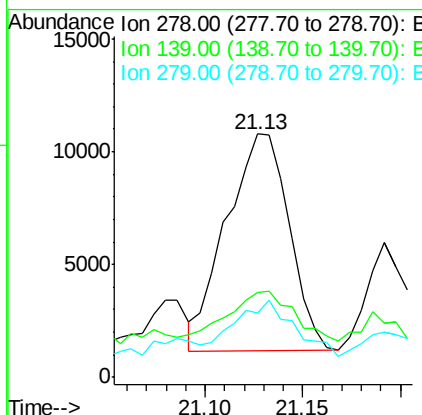
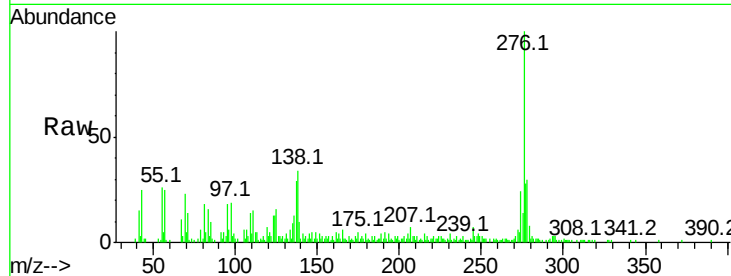
#90
Dibenzo(a,h)anthracene
Concen: 3.05 ng
RT: 21.13 min Scan# 3322
Delta R.T. 0.00 min
Lab File: BF095953.D
Acq: 16 Jun 2017 13:47

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-BRE

Tot Ion	Ratio	Lower	Upper
278	100		
139	34.6	16.6	24.8
279	26.6	19.3	28.9

Manual Integrations
APPROVED

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#91
Benzo(g,h,i)perylene
Concen: 9.72 ng
RT: 21.46 min Scan# 3379
Delta R.T. 0.02 min
Lab File: BF095953.D
Acq: 16 Jun 2017 13:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.8	18.6	28.0
138	31.4	25.4	38.0

