

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095811.D
 Acq On : 9 Jun 2017 8:40
 Operator : SJ/MA
 Sample : I3496-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-S6-BASE

Manual Integrations
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Quant Time: Jun 09 09:27:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	67117	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	262768	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	109648	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	170413	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	136870	20.00	ng	-0.02
86) Perylene-d12	20.00	264	107894	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	442455	105.05	ng	-0.02
7) Phenol-d6	6.93	99	530343	105.17	ng	-0.03
23) Nitrobenzene-d5	8.28	82	289251	68.36	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	85814	88.46	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	570257	72.37	ng	-0.04
78) Terphenyl-d14	16.99	244	385879	69.97	ng	-0.02
Target Compounds						
49) Dimethylphthalate	11.87	163	55198	6.63	ng	Qvalue 97
70) Phenanthrene	14.66	178	21143	2.15	ng	# 92
74) Fluoranthene	16.44	202	28659	2.94	ng	96
77) Pyrene	16.74	202	28586	2.80	ng	# 94
87) Benzo(b)fluoranthene	19.60	252	16370m	2.42	ng	
89) Benzo(a)pyrene	19.95	252	12565	2.02	ng	# 93

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

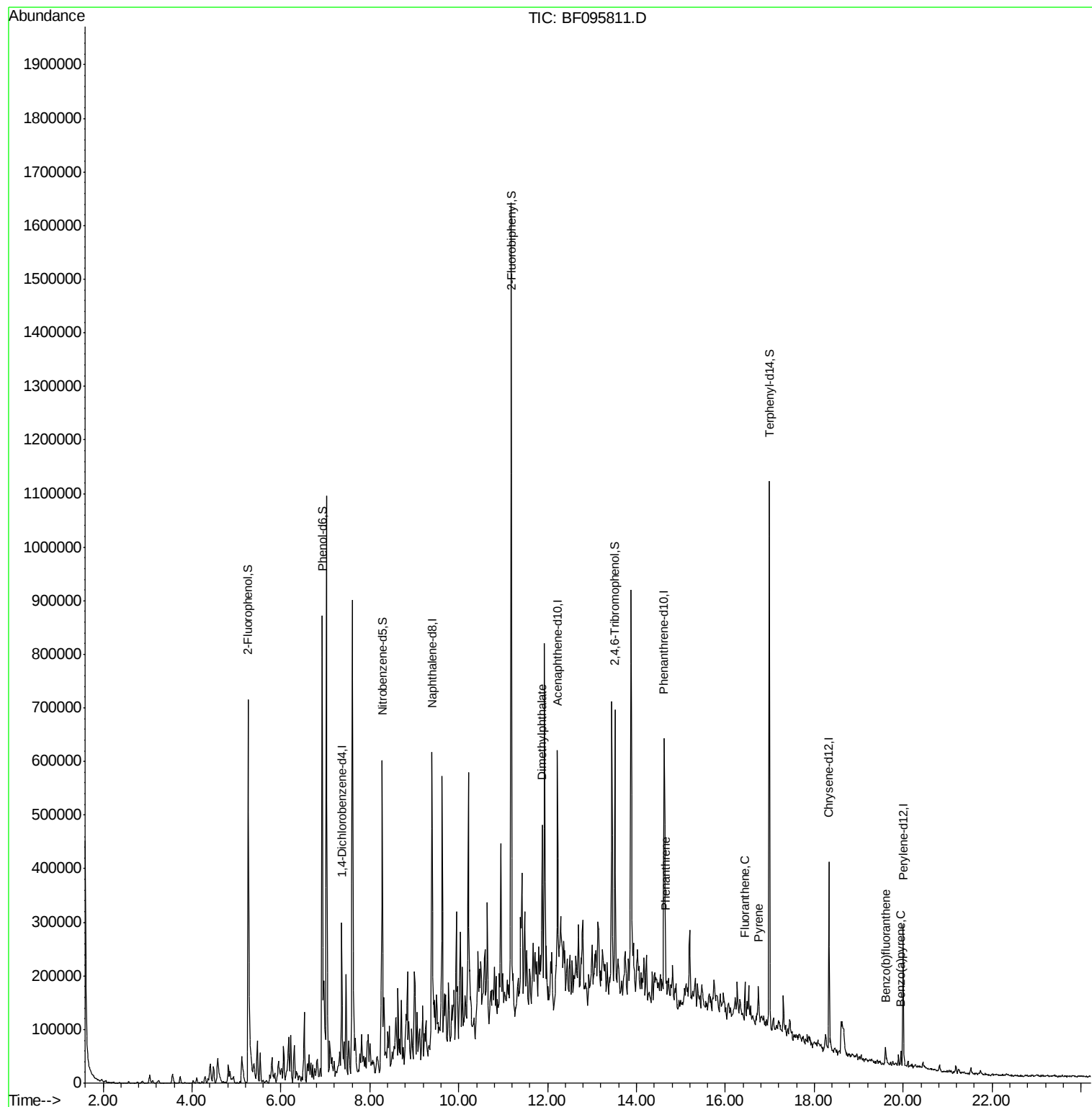
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095811.D
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Sample : I3496-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

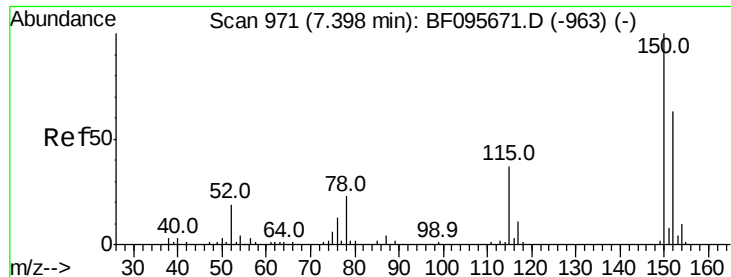
Instrument :
BNA_F
ClientSampleId :
E2-S6-BASE

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Quant Time: Jun 09 09:27:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration





#1

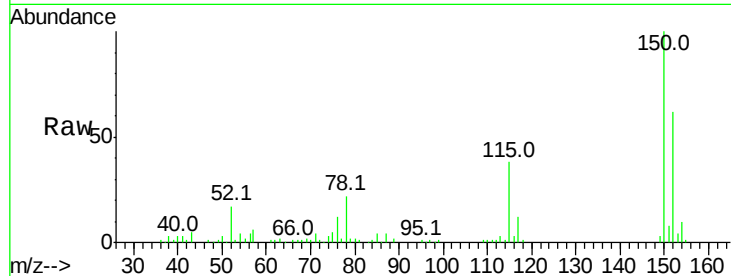
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095811.D
Acq: 9 Jun 2017 8:40

Instrument :
BNA_F
ClientSampleId :
E2-S6-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.2	189.2
115	60.6	52.2	78.2

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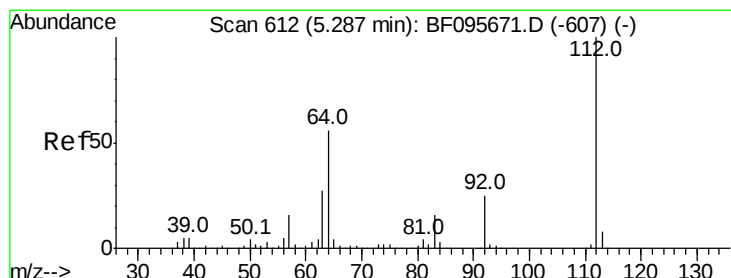
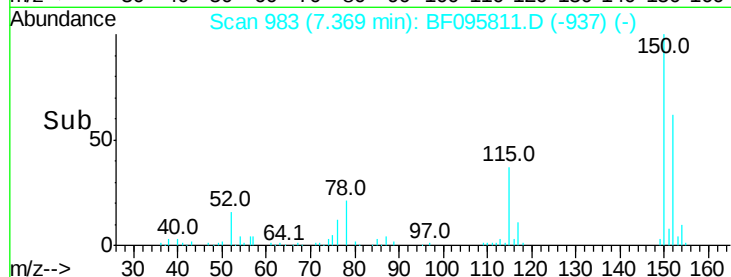
Abundance

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

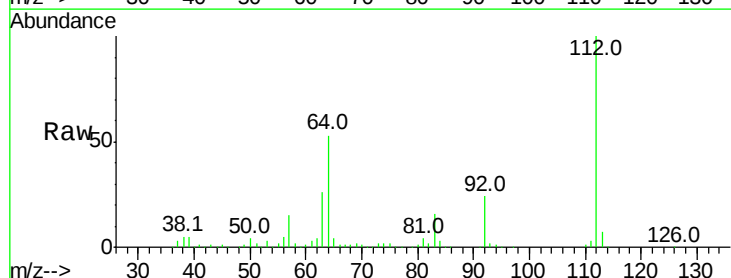
Time-->



#5

2-Fluorophenol
Concen: 105.05 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095811.D
Acq: 9 Jun 2017 8:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.0	69.0
63	25.7	23.4	35.0



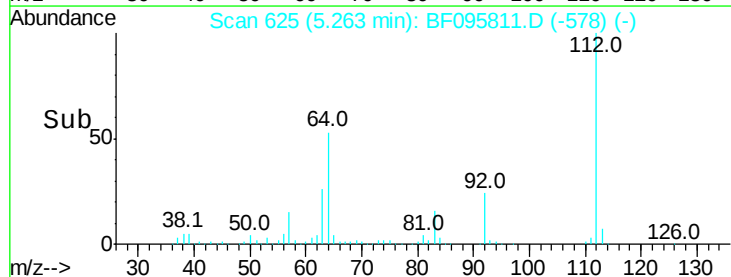
Abundance

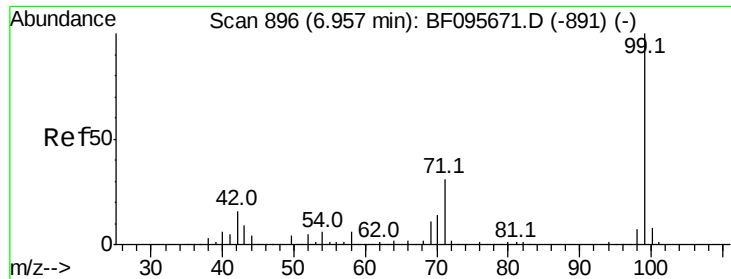
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->





#7

Phenol-d6

Concen: 105.17 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095811.D

Acq: 9 Jun 2017 8:40

Instrument :

BNA_F

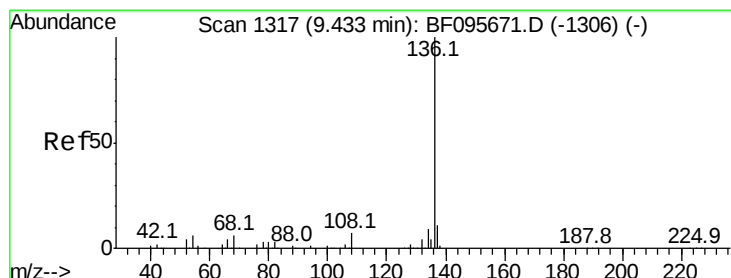
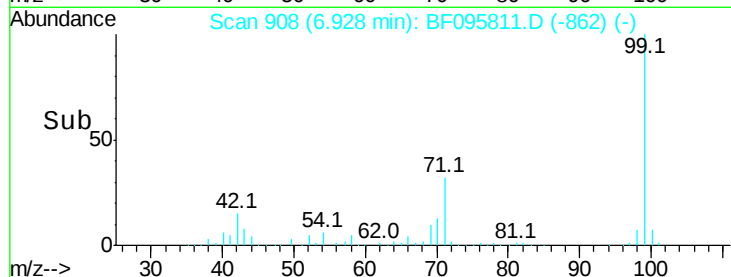
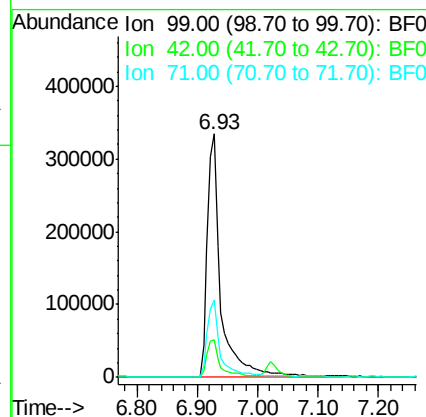
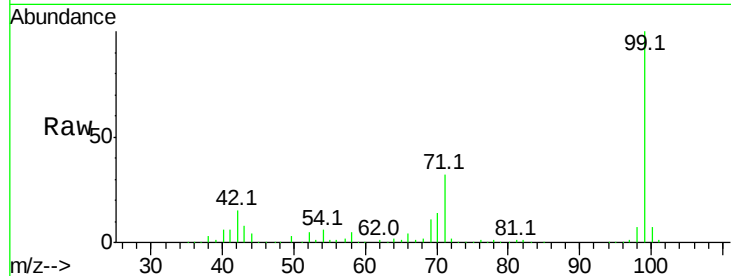
ClientSampleId :

E2-S6-BASE

Tot Ion:	99	Resp:	530343
Ion Ratio	Lower	Upper	
99	100		
42	15.5	13.5	20.3
71	31.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

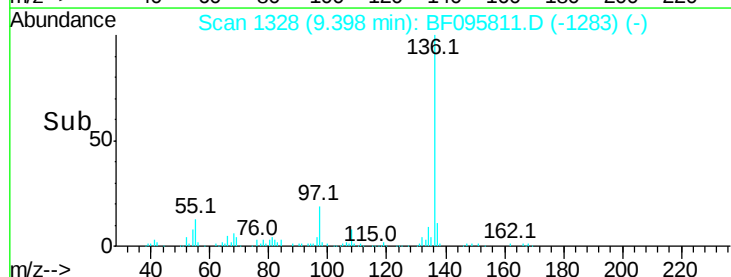
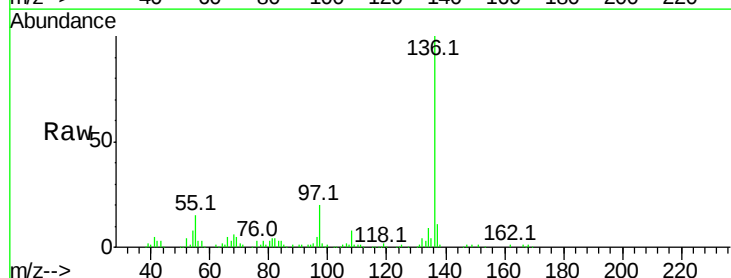
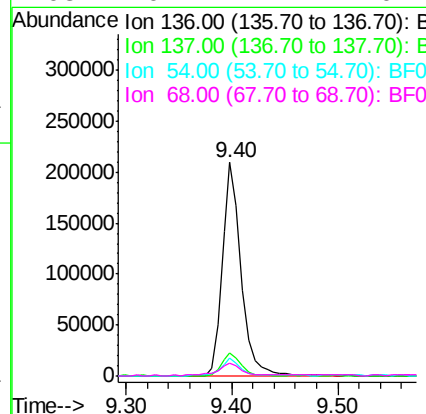
RT: 9.40 min Scan# 1328

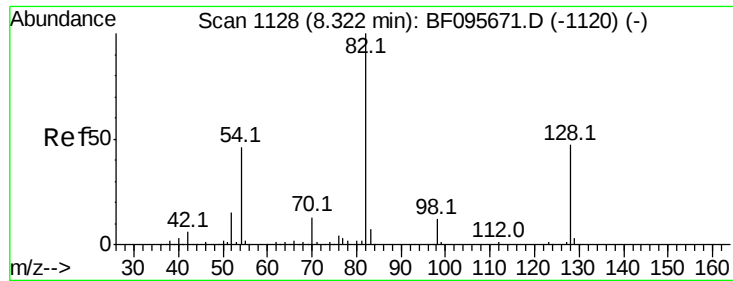
Delta R.T. -0.04 min

Lab File: BF095811.D

Acq: 9 Jun 2017 8:40

Tgt Ion:	136	Resp:	262768
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	8.4	4.9	7.3#
68	6.2	4.1	6.1#





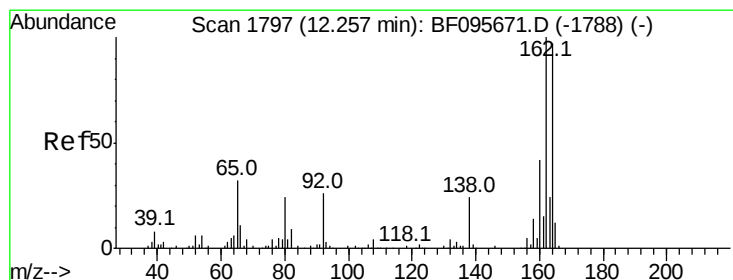
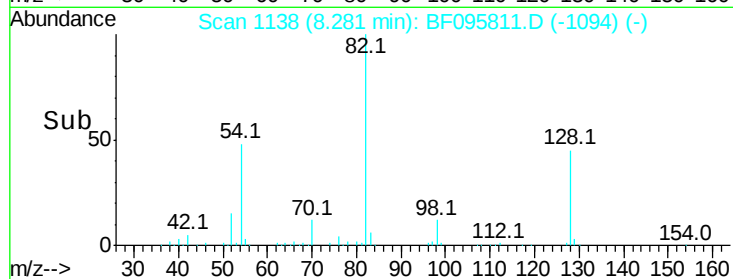
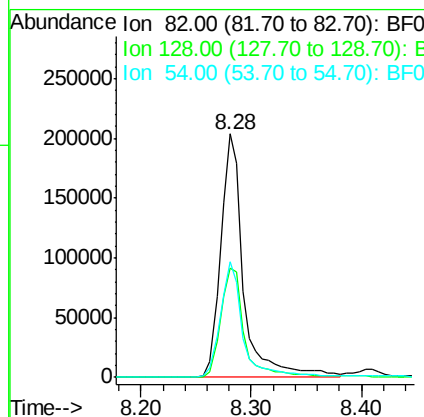
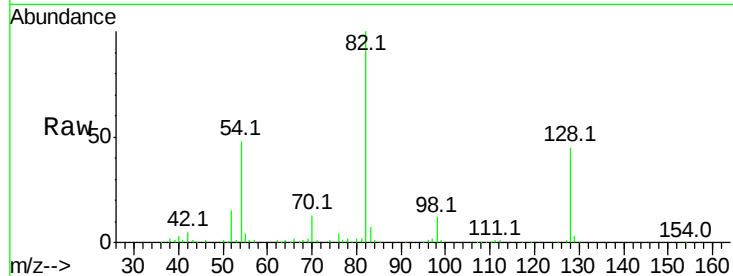
#23
Nitrobenzene-d5
Concen: 68.36 ng
RT: 8.28 min Scan# 1138
Delta R.T. -0.04 min
Lab File: BF095811.D
Acq: 9 Jun 2017 8:40

Instrument :
BNA_F
ClientSampleId :
E2-S6-BASE

Tot Ion	Ratio	Resp	Lower	Upper
82	100	289251		
128	44.9	34.0	51.0	
54	47.5	42.2	63.2	

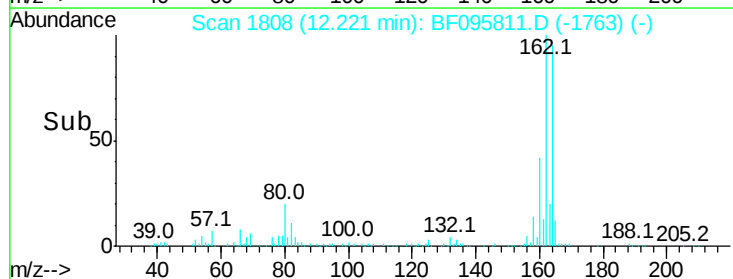
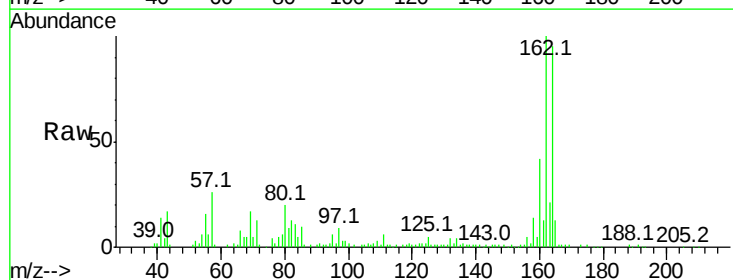
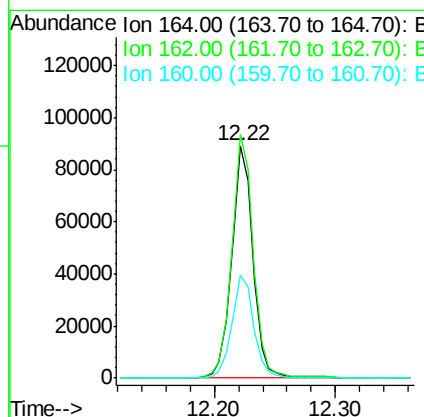
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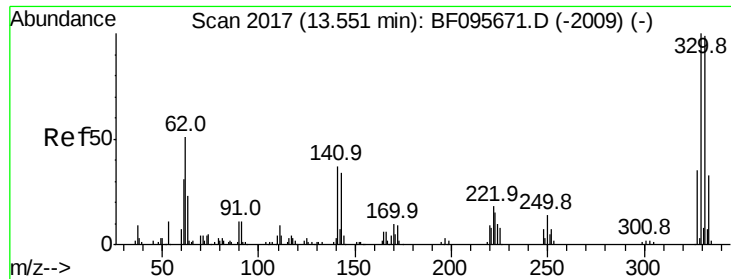
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095811.D
Acq: 9 Jun 2017 8:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	109648		
162	104.8	82.6	123.8	
160	44.5	36.2	54.2	





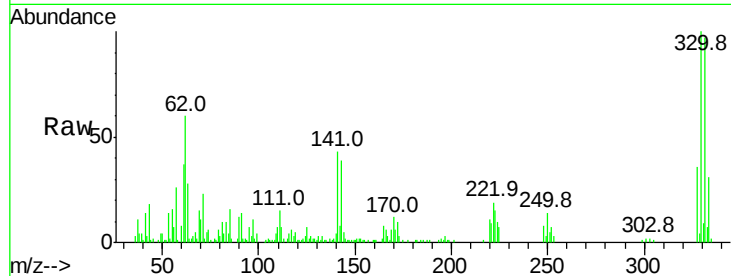
#41
 2,4,6-Tribromophenol
 Concen: 88.46 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF095811.D
 Acq: 9 Jun 2017 8:40

Instrument :
 BNA_F
 ClientSampleId :
 E2-S6-BASE

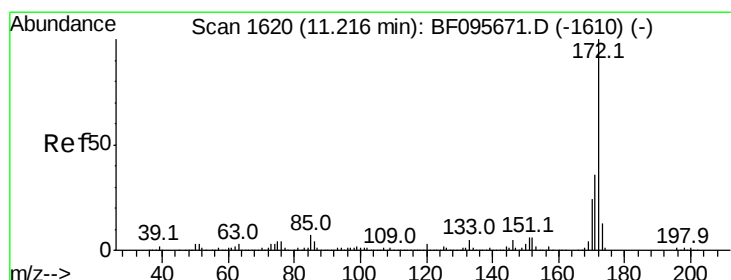
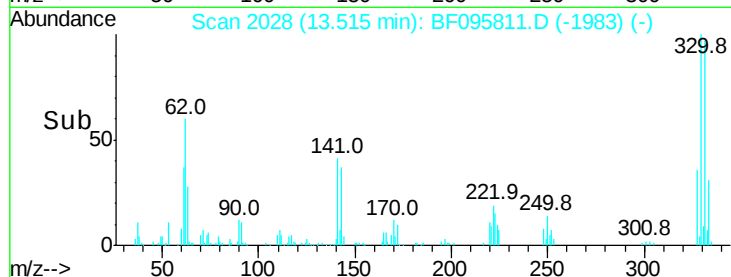
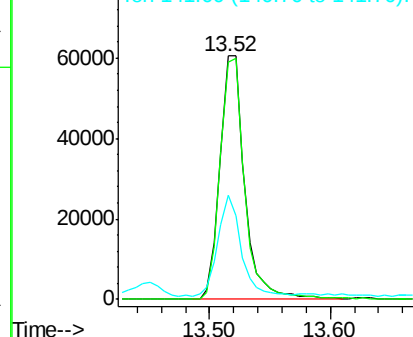
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.6	115.0
141	37.9	31.4	47.2

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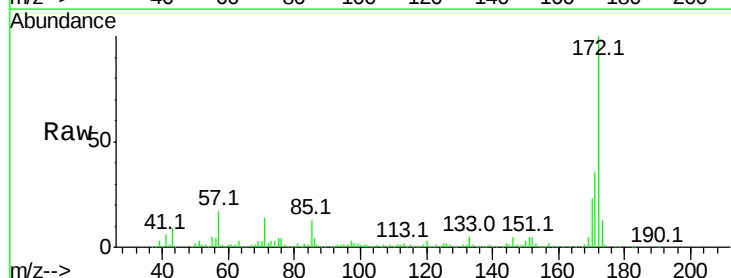


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

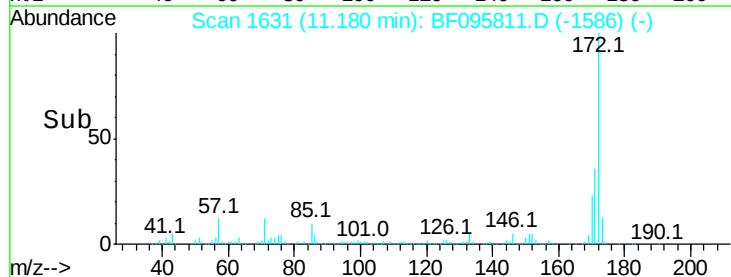
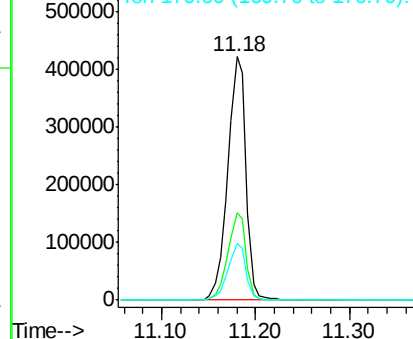


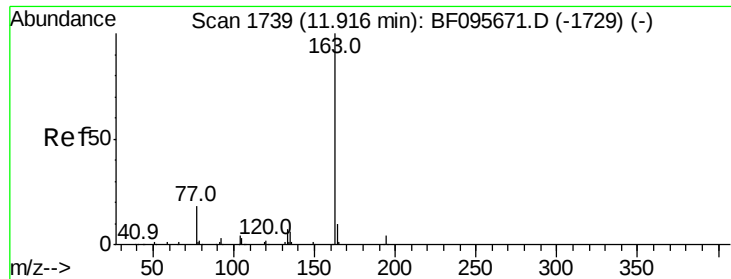
#44
 2-Fluorobiphenyl
 Concen: 72.37 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BF095811.D
 Acq: 9 Jun 2017 8:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.4	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





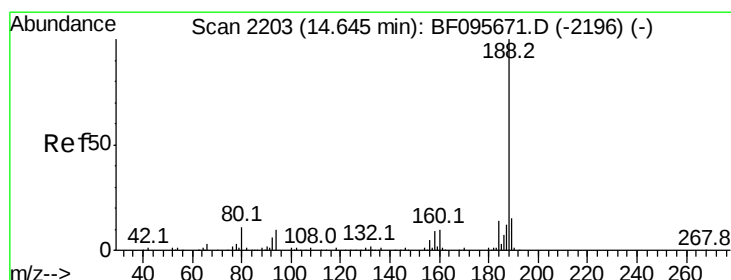
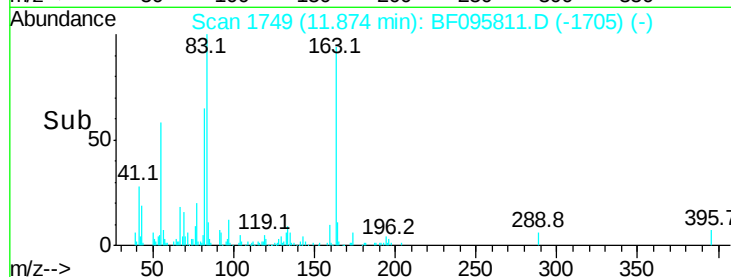
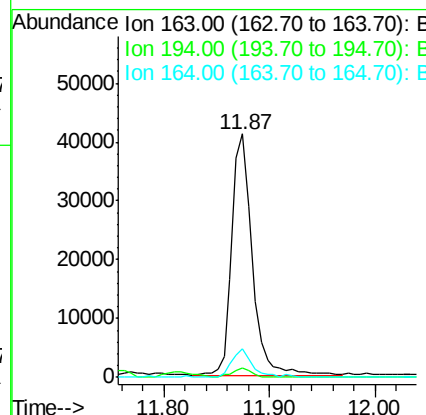
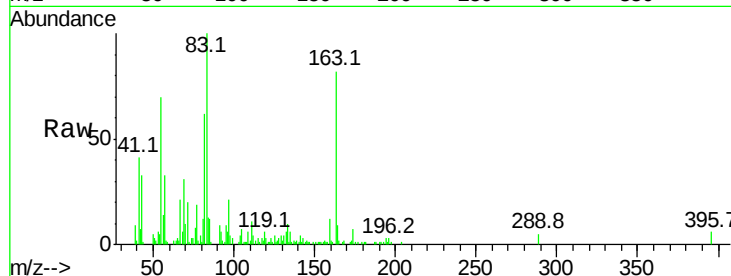
#49
Dimethylphthalate
Concen: 6.63 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095811.D
Acq: 9 Jun 2017 8:40

Instrument :
BNA_F
ClientSampleId :
E2-S6-BASE

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.6	4.0	
164	11.6	8.4	12.6	

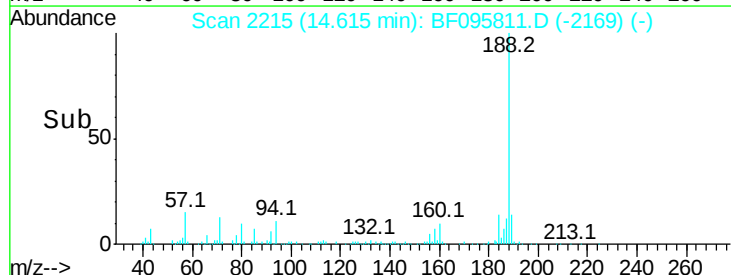
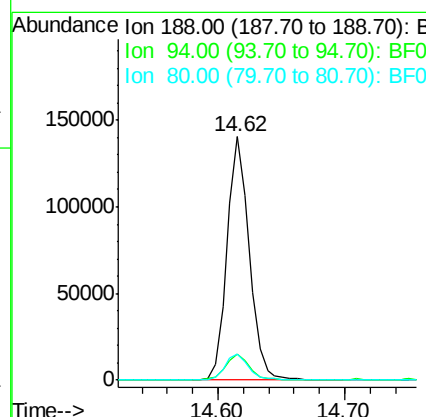
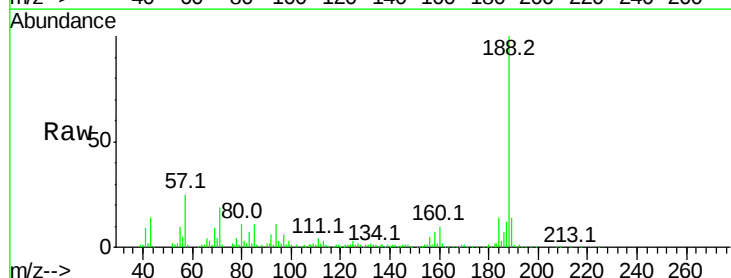
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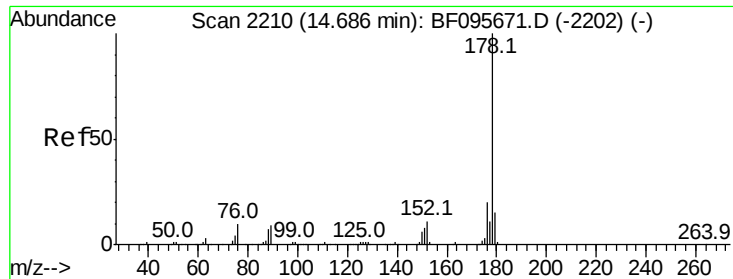
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095811.D
Acq: 9 Jun 2017 8:40

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.8	9.4	14.2	
80	10.6	10.2	15.2	





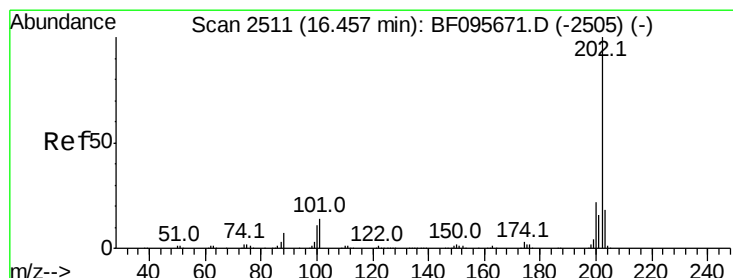
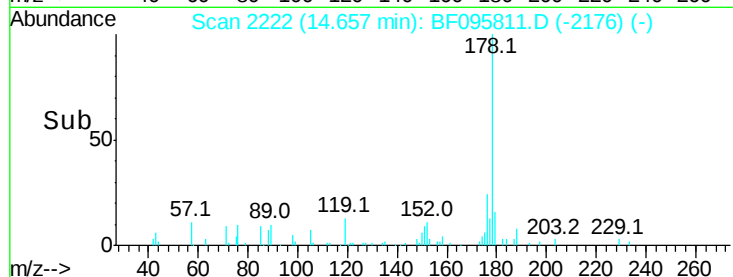
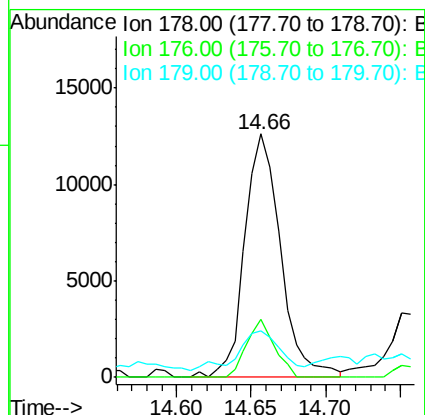
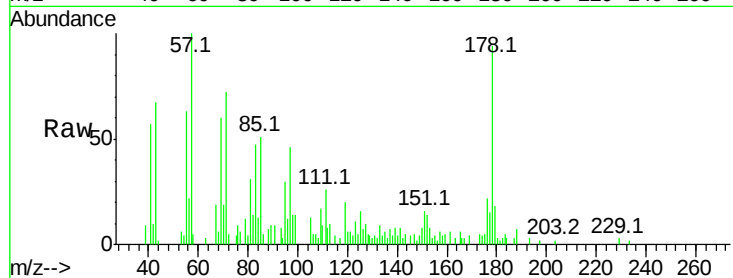
#70
Phenanthrene
Concen: 2.15 ng
RT: 14.66 min Scan# 2222
Delta R.T. -0.03 min
Lab File: BF095811.D
Acq: 9 Jun 2017 8:40

Instrument :
BNA_F
ClientSampleId :
E2-S6-BASE

Tot Ion	Ratio	Lower	Upper
178	100		
176	24.0	16.2	24.4
179	19.4	12.6	19.0

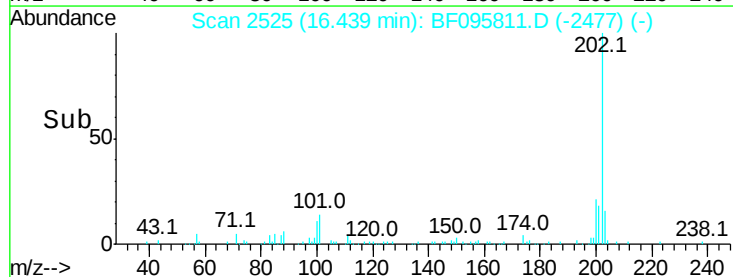
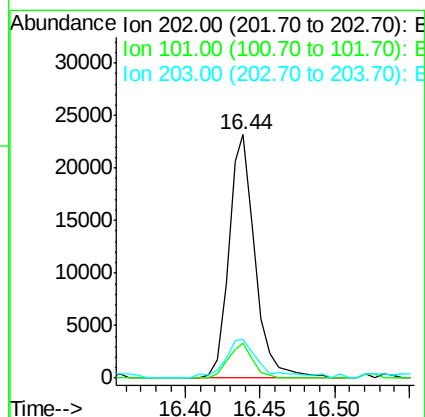
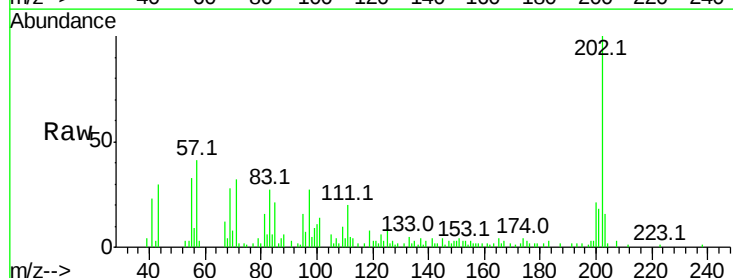
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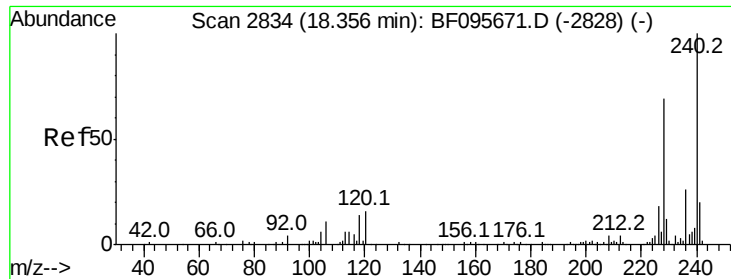
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#74
Fluoranthene
Concen: 2.94 ng
RT: 16.44 min Scan# 2525
Delta R.T. -0.02 min
Lab File: BF095811.D
Acq: 9 Jun 2017 8:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	16.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.33 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BF095811.D

Acq: 9 Jun 2017 8:40

Instrument :

BNA_F

ClientSampleId :

E2-S6-BASE

Tot Ion:240 Resp: 136870

Ion Ratio Lower Upper

240 100

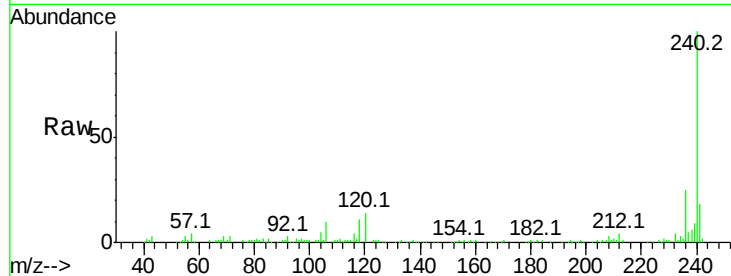
120 13.5 5.8 8.8#

236 24.6 20.5 30.7

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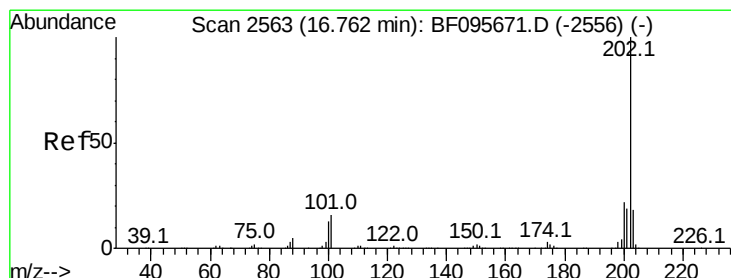
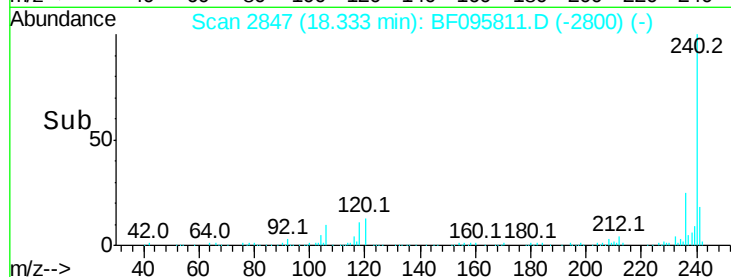
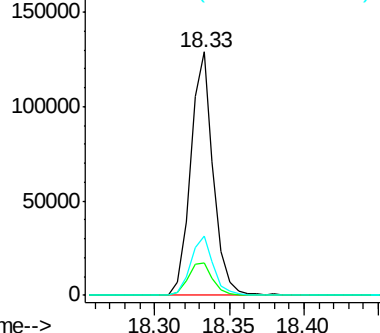
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.80 ng

RT: 16.74 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095811.D

Acq: 9 Jun 2017 8:40

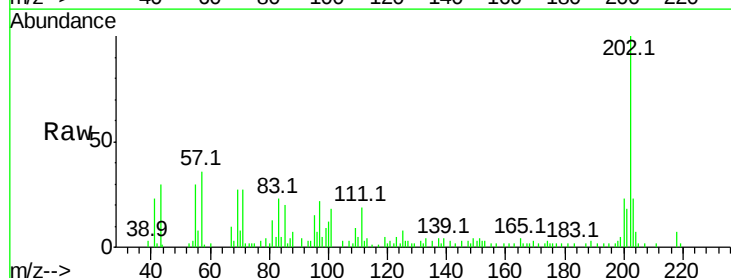
Tgt Ion:202 Resp: 28586

Ion Ratio Lower Upper

202 100

200 23.1 17.6 26.4

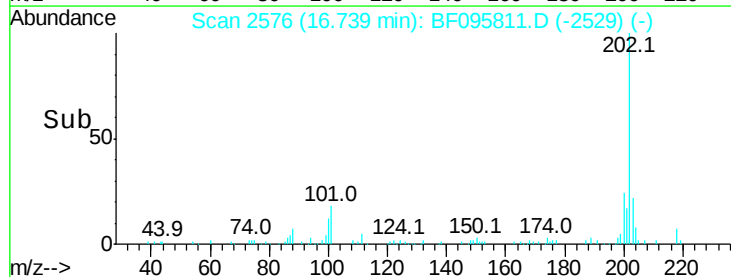
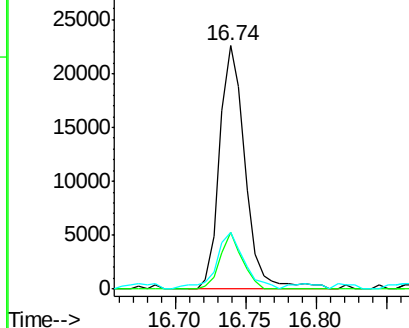
203 23.1 14.4 21.6#

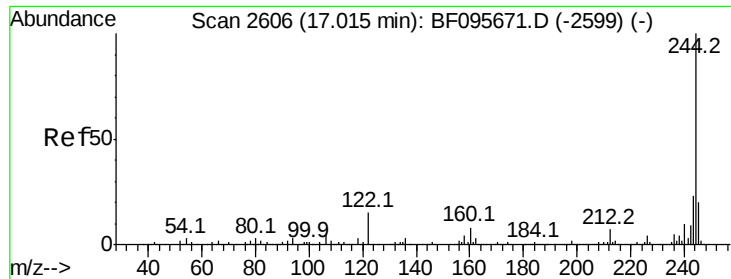


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





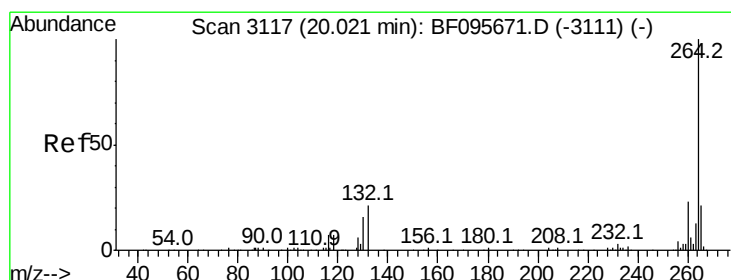
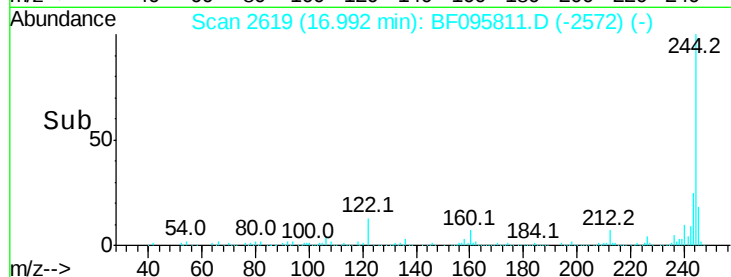
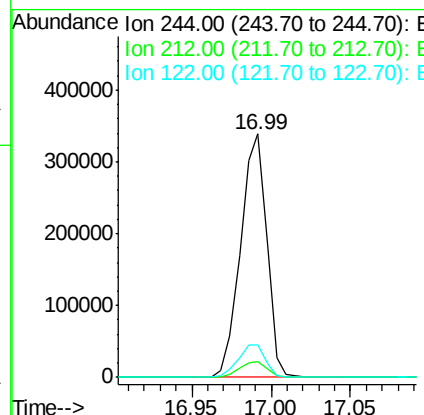
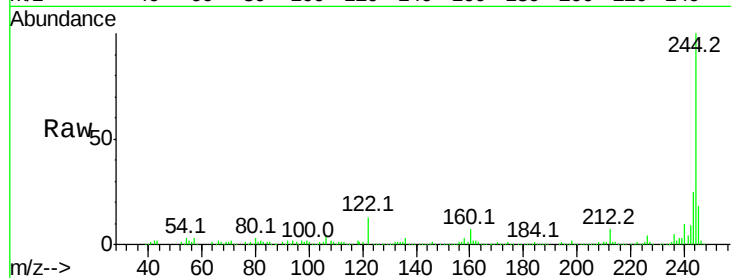
#78
 Terphenyl-d14
 Concen: 69.97 ng
 RT: 16.99 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BF095811.D
 Acq: 9 Jun 2017 8:40

Instrument :
 BNA_F
 ClientSampleId :
 E2-S6-BASE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.3	10.3	15.5

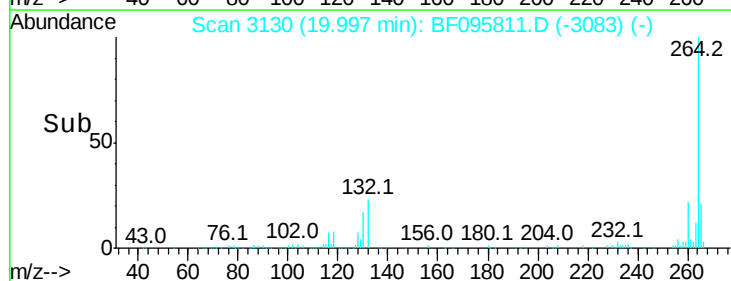
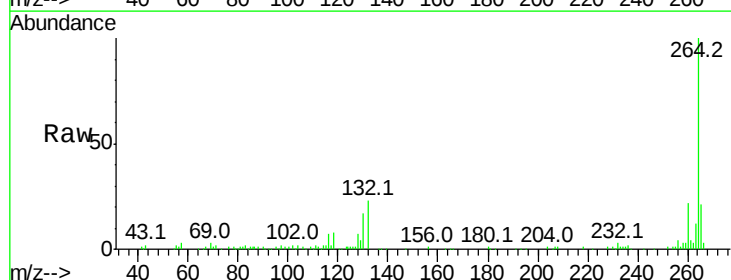
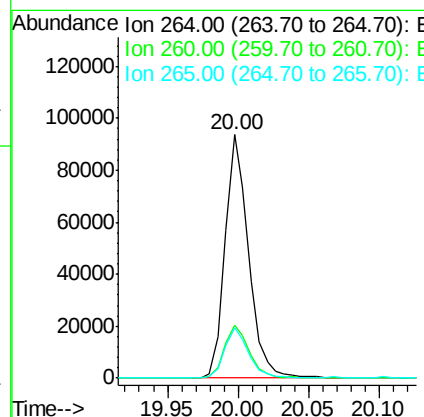
Manual Integrations
 APPROVED

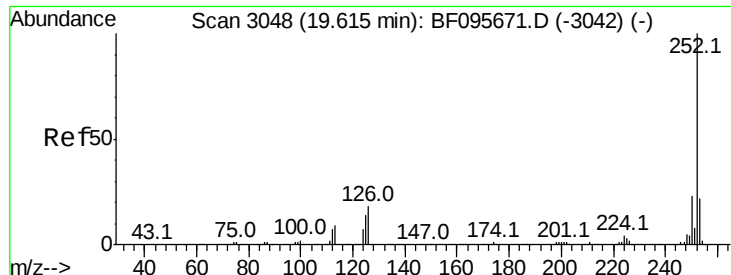
mohammad
 6/9/2017 12:09:42 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BF095811.D
 Acq: 9 Jun 2017 8:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.5	29.3
265	20.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 2.42 ng

RT: 19.60 min Scan# 3063

Delta R.T. -0.01 min

Lab File: BF095811.D

Acq: 9 Jun 2017 8:40

Instrument :

BNA_F

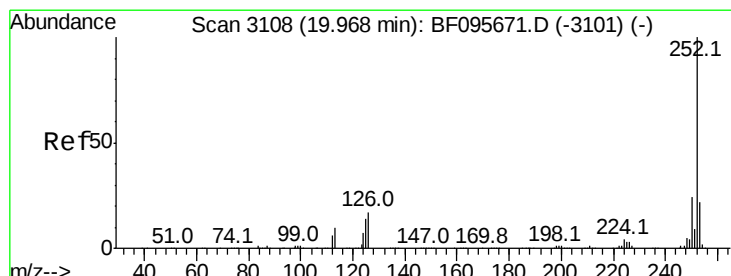
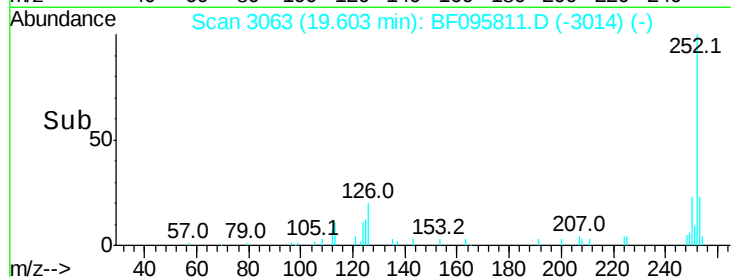
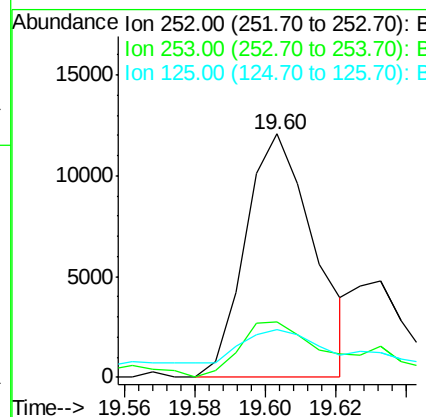
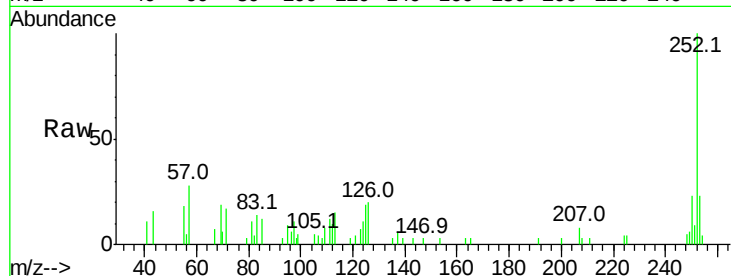
ClientSampleId :

E2-S6-BASE

Tot Ion:	252	Resp:	16370
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.1	27.1
125	19.5	9.8	14.8#

Manual Integrations
APPROVED

mohammad
6/9/2017 12:09:42 PM



#89

Benzo(a)pyrene

Concen: 2.02 ng

RT: 19.95 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BF095811.D

Acq: 9 Jun 2017 8:40

Tgt Ion:	252	Resp:	12565
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.5	26.3
125	19.0	11.0	16.4#

