

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
 Data File : BF095693.D
 Acq On : 6 Jun 2017 1:54
 Operator : SJ/MA
 Sample : I3466-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-RO-6704-060217

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Quant Time: Jun 06 03:52:12 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	7.40	152	89645	20.00	ng	0.00
21) Naphthalene-d8	9.42	136	359695	20.00	ng	0.00
38) Acenaphthene-d10	12.25	164	153521	20.00	ng	0.00
63) Phenanthrene-d10	14.64	188	226041	20.00	ng	0.00
75) Chrysene-d12	18.35	240	181345	20.00	ng	0.00
86) Perylene-d12	20.02	264	138419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	659980	117.31	ng	0.00
7) Phenol-d6	6.95	99	741842	110.15	ng	0.00
23) Nitrobenzene-d5	8.31	82	417379	72.06	ng	0.00
41) 2,4,6-Tribromophenol	13.54	330	121886	89.73	ng	0.00
44) 2-Fluorobiphenyl	11.21	172	705552	63.95	ng	0.00
78) Terphenyl-d14	17.01	244	417841	57.18	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	11.90	163	170820	14.655	ng	99
70) Phenanthrene	14.68	178	83425	6.396	ng	94
71) Anthracene	14.77	178	27761	2.039	ng	97
74) Fluoranthene	16.45	202	104740	8.114	ng	98
77) Pyrene	16.76	202	114822	8.486	ng	97
80) Benzo(a)anthracene	18.34	228	49334	4.679	ng	96
82) Chrysene	18.39	228	46899	4.451	ng	96
87) Benzo(b)fluoranthene	19.62	252	42917m	4.952	ng	
89) Benzo(a)pyrene	19.97	252	30144	3.784	ng	# 93

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

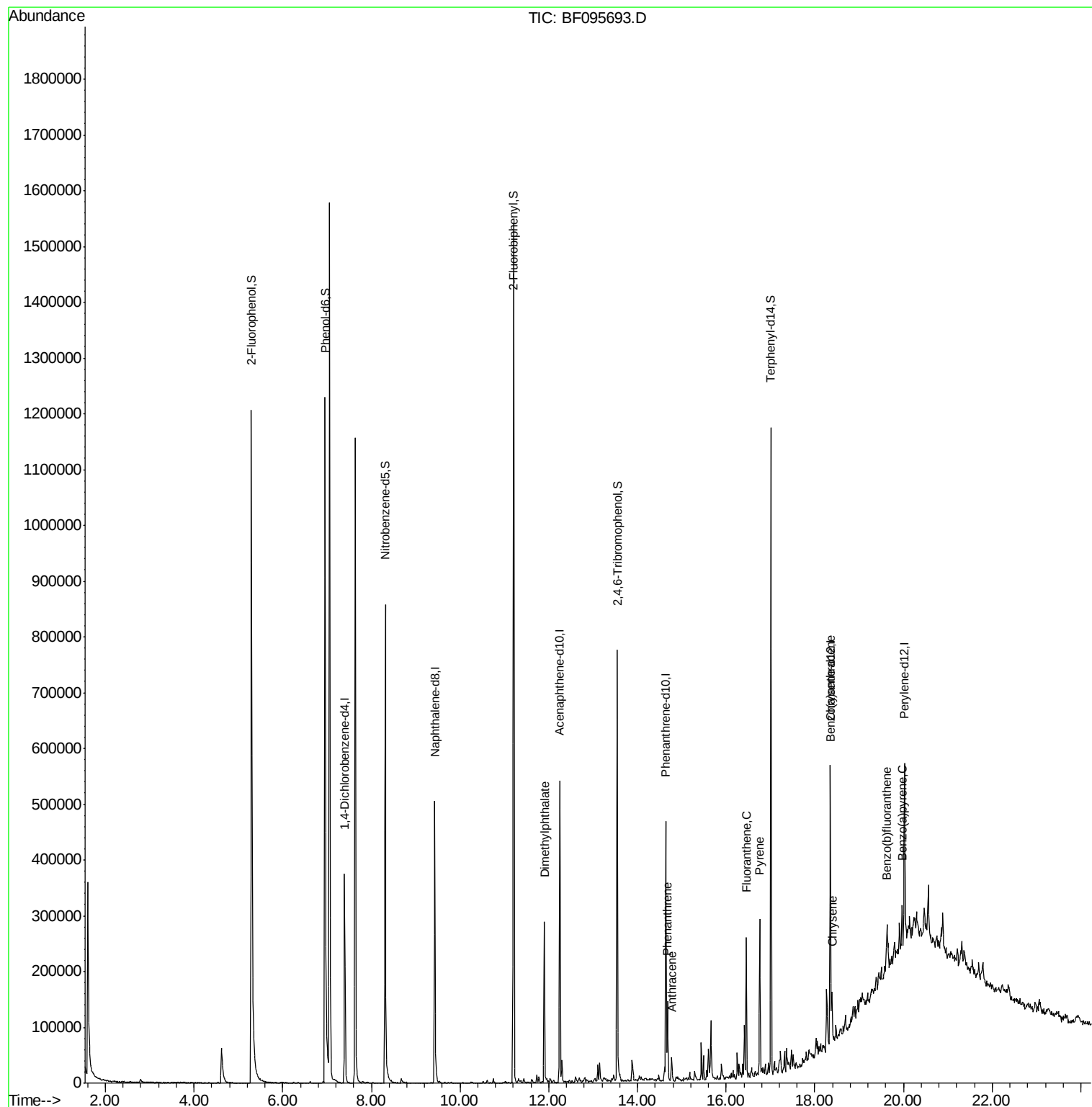
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
Data File : BF095693.D
Acq On : 6 Jun 2017 1:54
Operator : SJ/MA
Sample : I3466-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

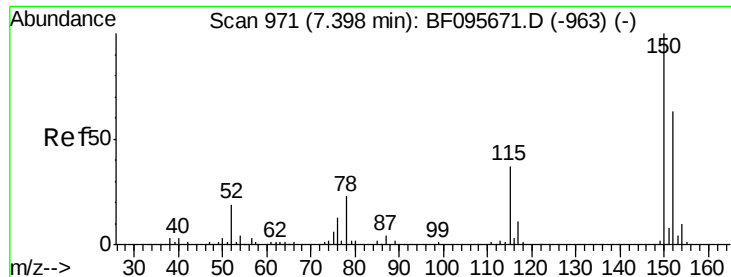
Instrument :
BNA_F
ClientSampleId :
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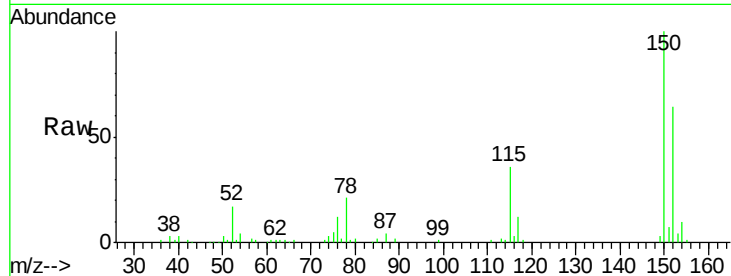
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.40 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF095693.D
 Acq: 6 Jun 2017 1:54

Instrument :
 BNA_F
 ClientSampleId :
 SU-RO-6704-060217

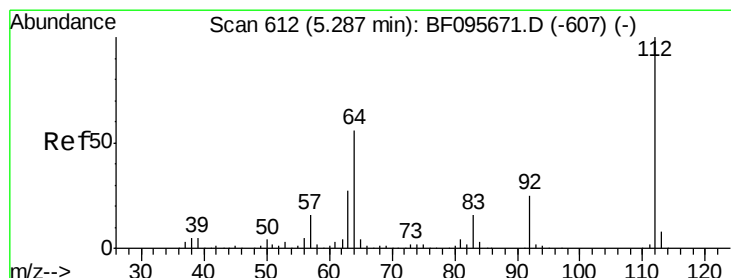
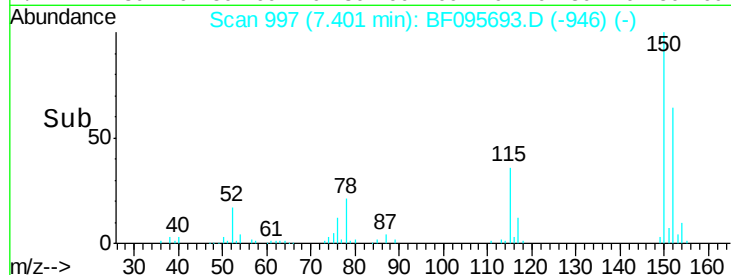
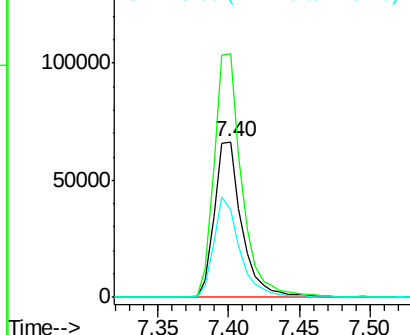
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	56.5	52.2	78.2

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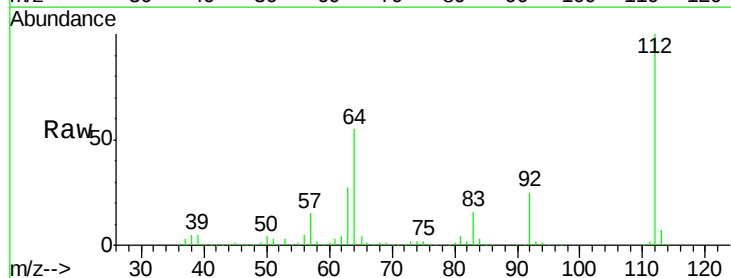


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

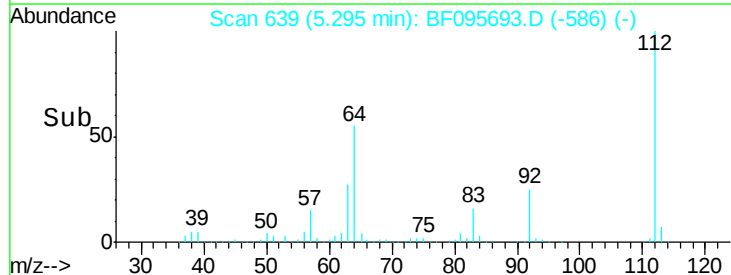
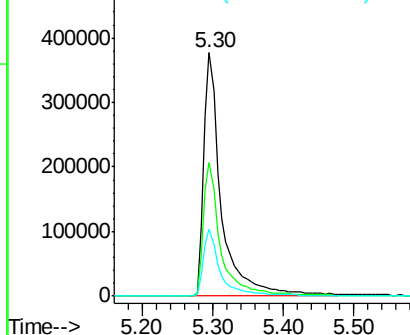


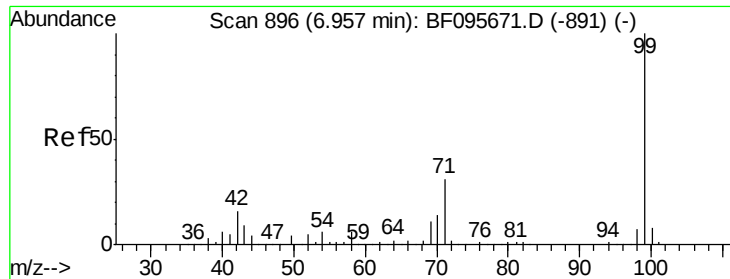
#5
 2-Fluorophenol
 Concen: 117.312 ng
 RT: 5.30 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: BF095693.D
 Acq: 6 Jun 2017 1:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	27.3	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: 110.146 ng

RT: 6.95 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF095693.D

Acq: 6 Jun 2017 1:54

Instrument :

BNA_F

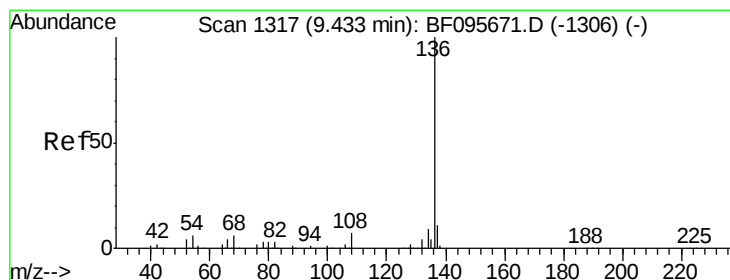
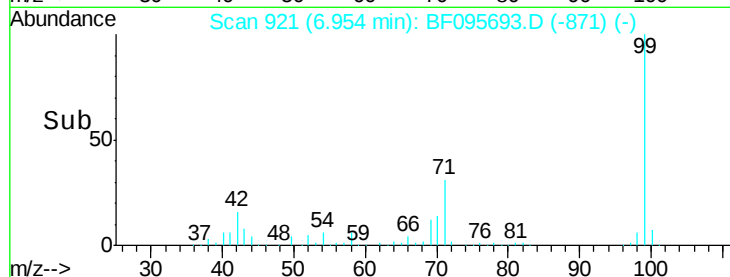
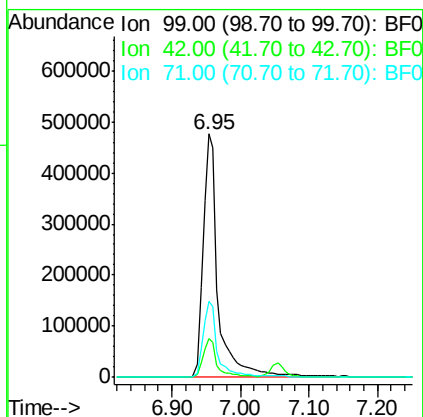
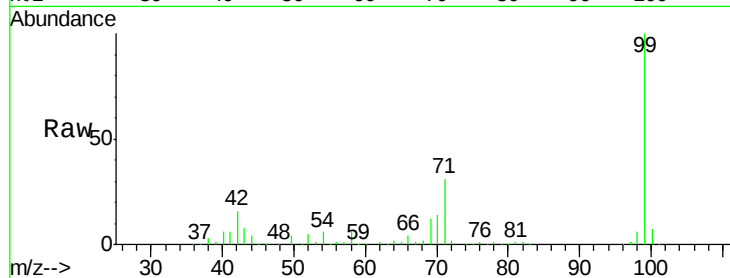
ClientSampleId :

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Tgt Ion:	99	Resp:	741842
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.5	20.3
71	31.1	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

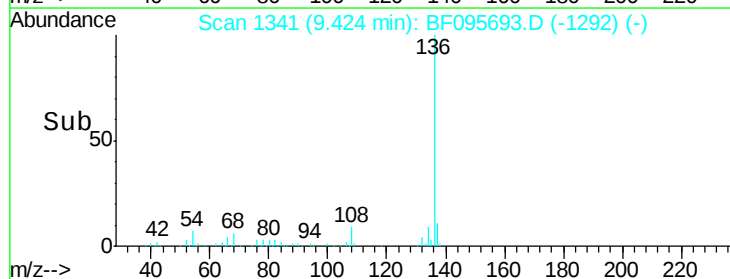
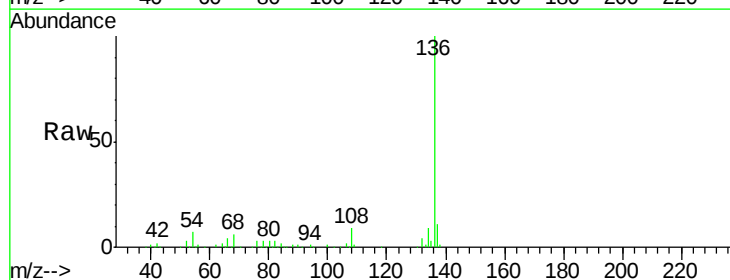
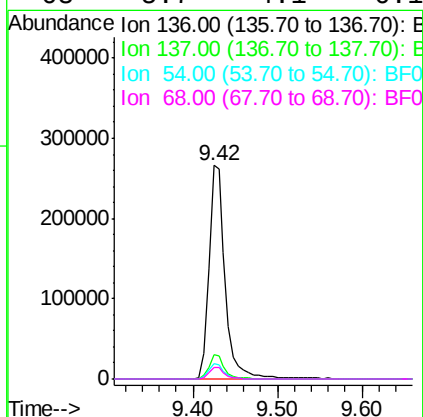
RT: 9.42 min Scan# 1341

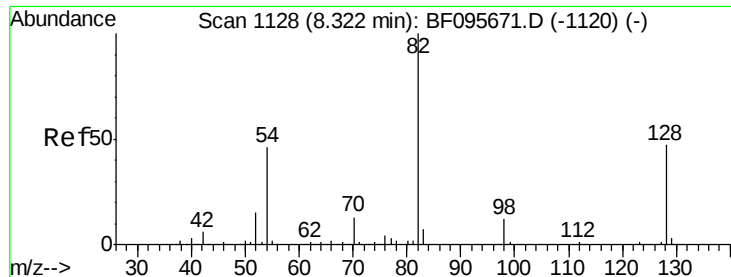
Delta R.T. -0.01 min

Lab File: BF095693.D

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Tgt Ion:	136	Resp:	359695
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.5	12.7
54	7.4	4.9	7.3#
68	5.7	4.1	6.1





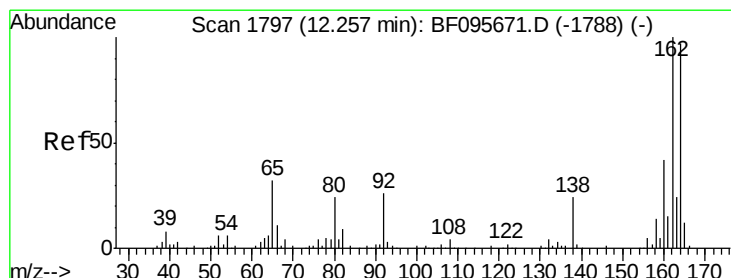
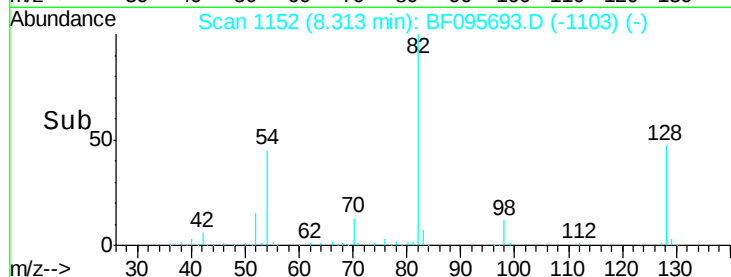
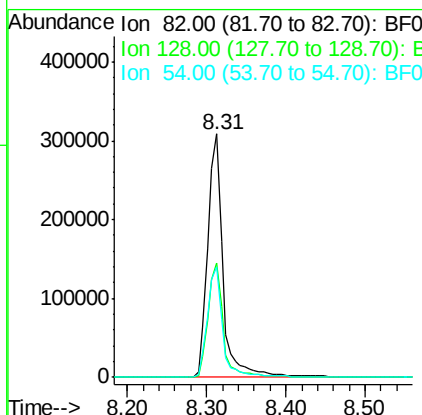
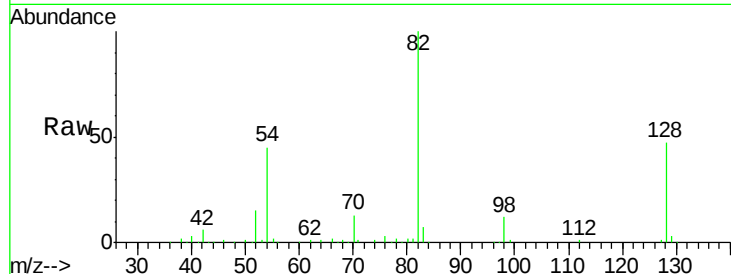
#23
 Nitrobenzene-d5
 Concen: 72.064 ng
 RT: 8.31 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF095693.D
 Acq: 6 Jun 2017 1:54

Instrument :
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 ClientSampleId :
 SU-RO-6704-060217

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	45.3	42.2	63.2

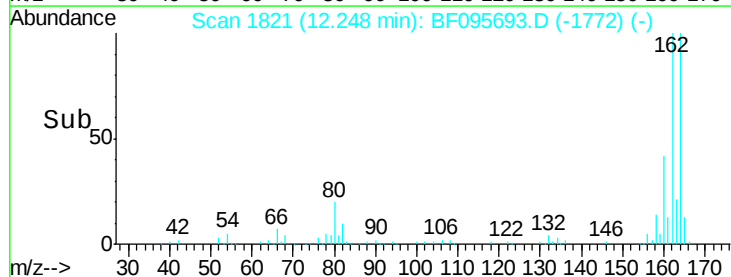
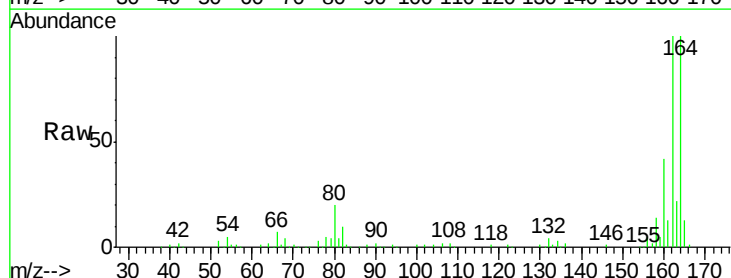
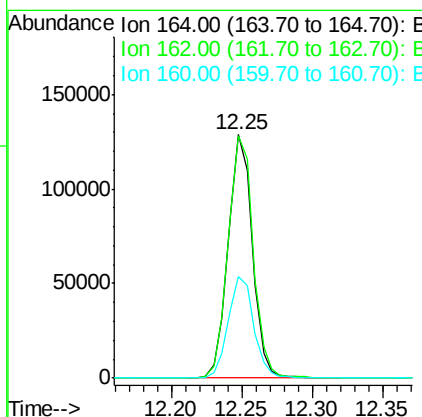
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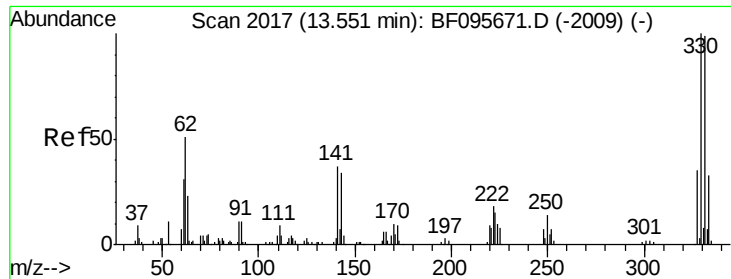
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.25 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF095693.D
 Acq: 6 Jun 2017 1:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.6	123.8
160	41.9	36.2	54.2





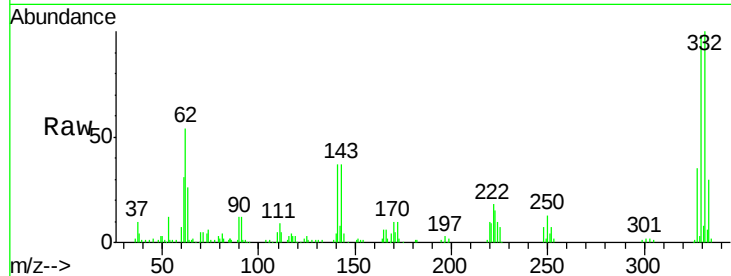
#41
 2,4,6-Tribromophenol
 Concen: 89.734 ng
 RT: 13.54 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095693.D
 Acq: 6 Jun 2017 1:54

Instrument :
 BNA_F
 ClientSampleId :
 SU-RO-6704-060217

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.3	76.6	115.0	
141	38.5	31.4	47.2	

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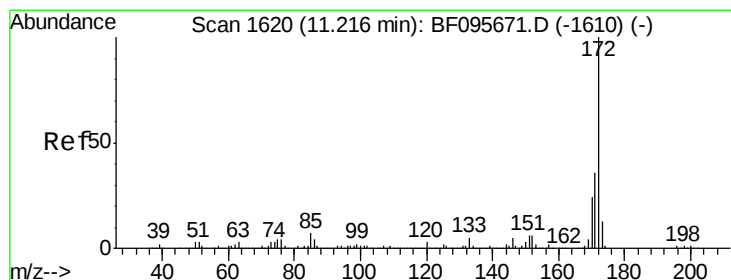
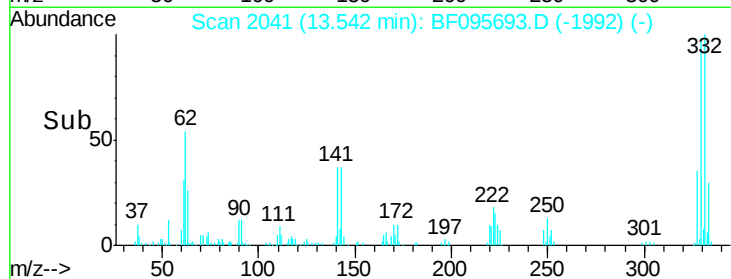
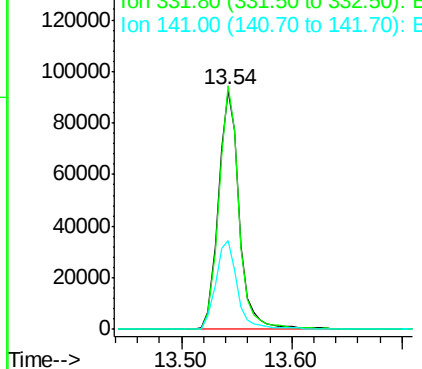


Abundance

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: 63.954 ng
 RT: 11.21 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BF095693.D
 Acq: 6 Jun 2017 1:54

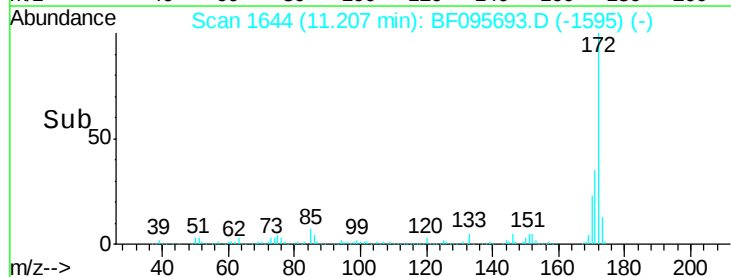
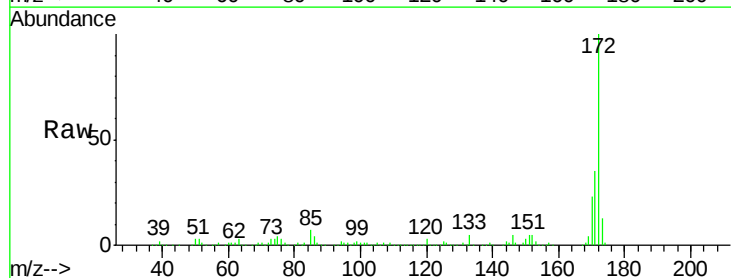
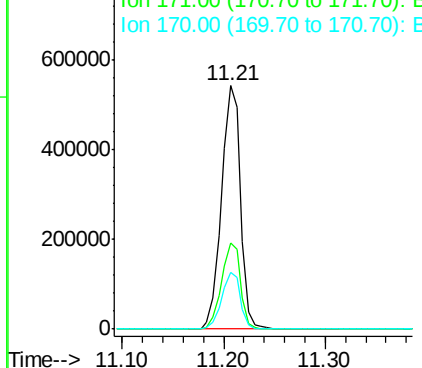
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.6	44.4	
170	23.4	19.8	29.8	

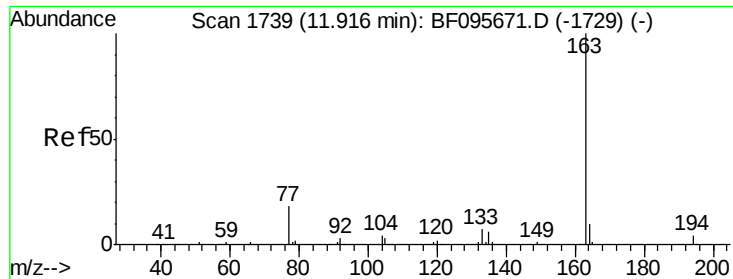
Abundance

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





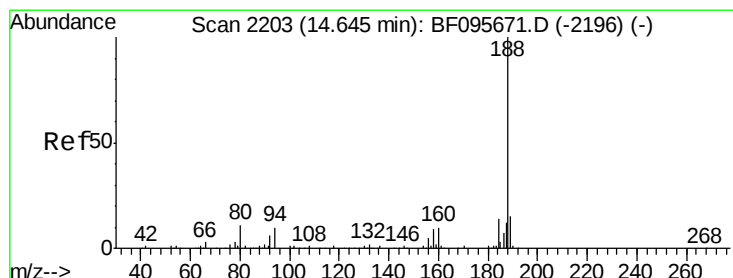
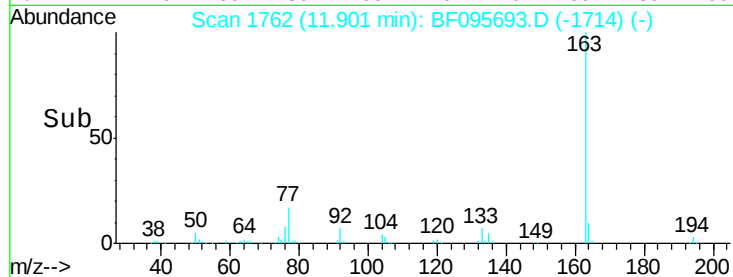
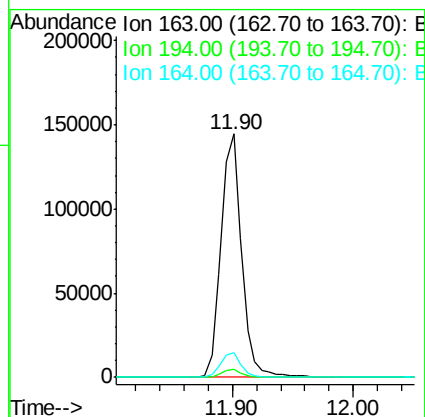
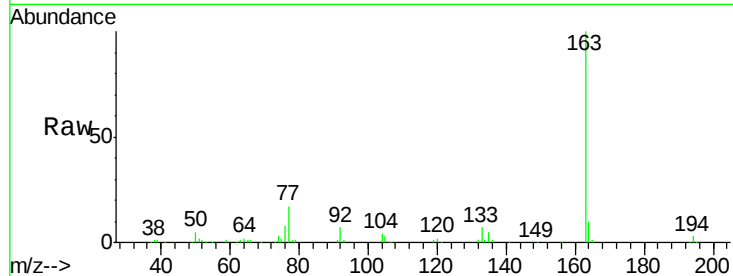
#49
Dimethylphthalate
Concen: 14.655 ng
RT: 11.90 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF095693.D
Acq: 6 Jun 2017 1:54

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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	170820		
194	3.3	2.6	4.0	
164	10.1	8.4	12.6	

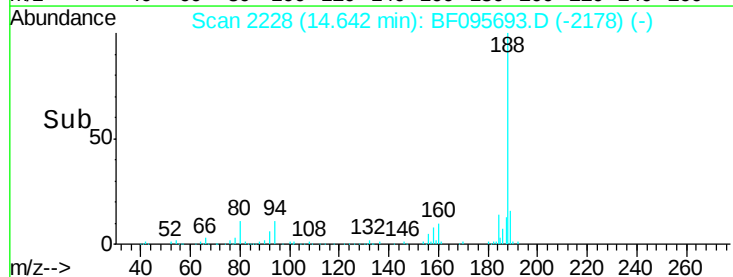
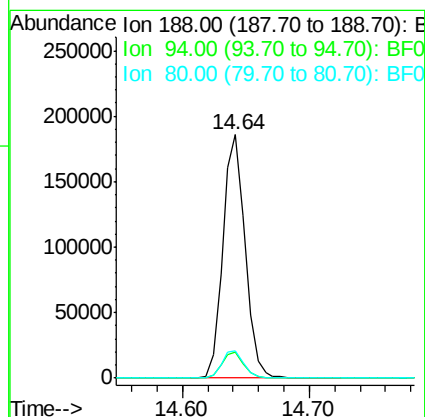
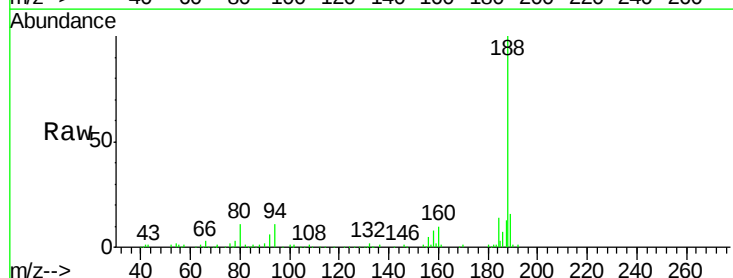
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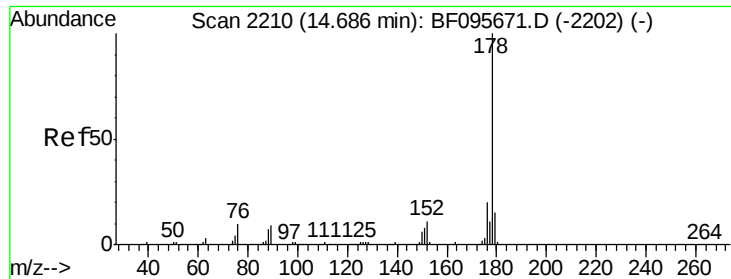
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF095693.D
Acq: 6 Jun 2017 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	226041		
94	10.7	9.4	14.2	
80	11.4	10.2	15.2	





#70

Phenanthrene

Concen: 6.396 ng

RT: 14.68 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BF095693.D

Acq: 6 Jun 2017 1:54

Instrument :

BNA_F

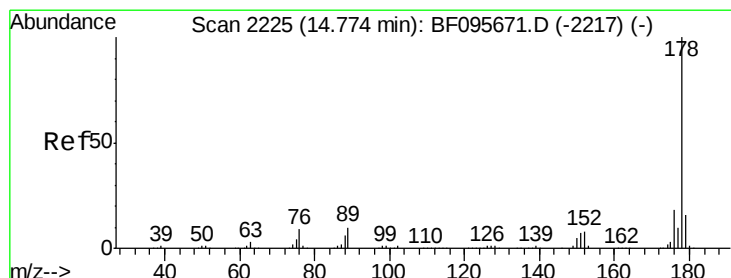
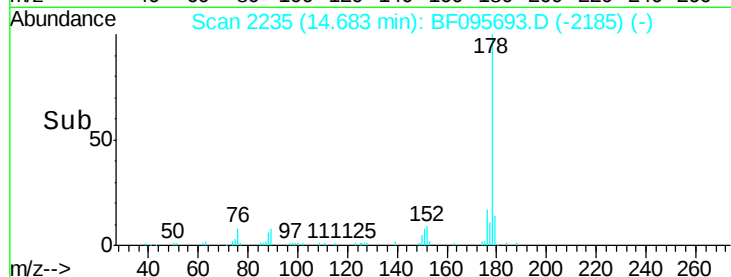
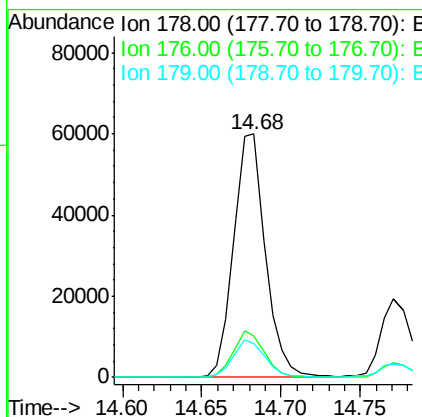
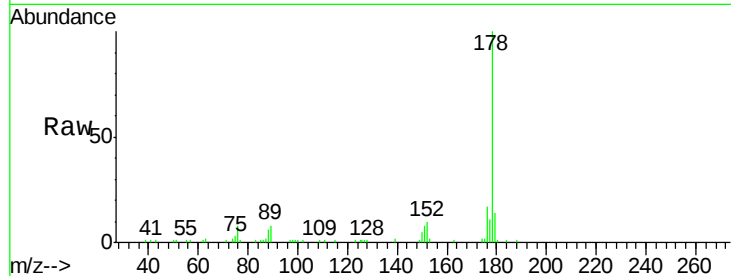
ClientSampleId :

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Tgt Ion:	178	Resp:	83425
Ion Ratio	Lower	Upper	
178	100		
176	17.2	16.2	24.4
179	13.9	12.6	19.0

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#71

Anthracene

Concen: 2.039 ng

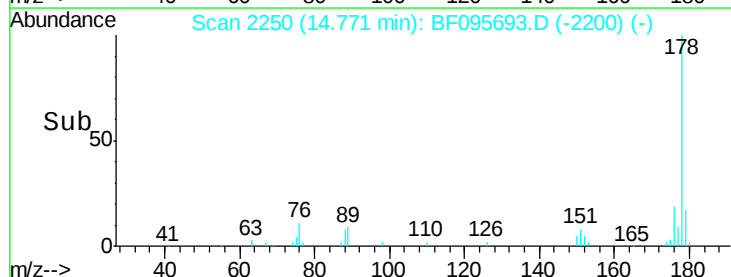
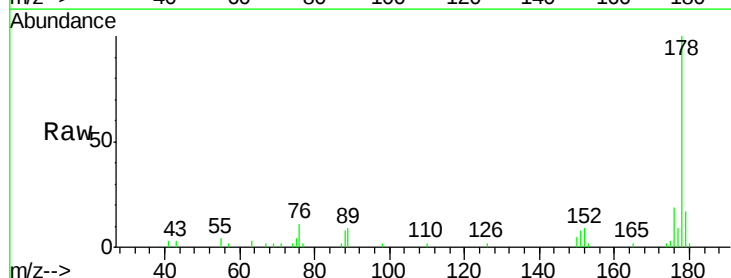
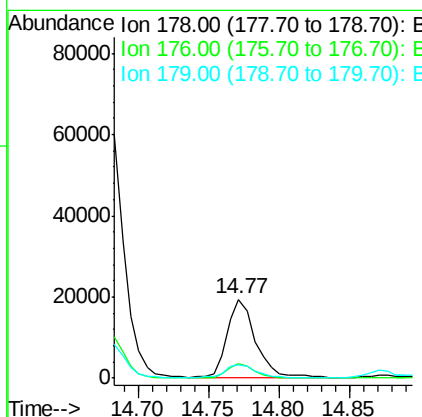
RT: 14.77 min Scan# 2250

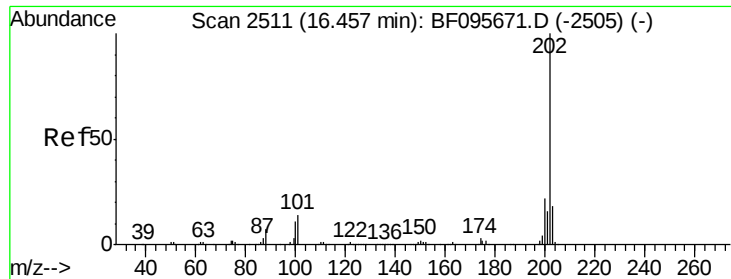
Delta R.T. -0.00 min

Lab File: BF095693.D

Acq: 6 Jun 2017 1:54

Tgt Ion:	178	Resp:	27761
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.8	23.8
179	17.1	12.7	19.1





#74

Fluoranthene

Concen: 8.114 ng

RT: 16.45 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BF095693.D

Acq: 6 Jun 2017 1:54

Instrument :

BNA_F

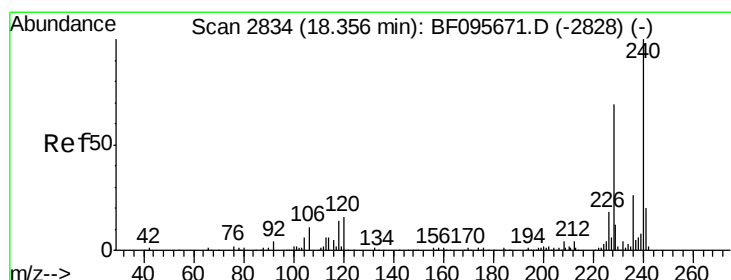
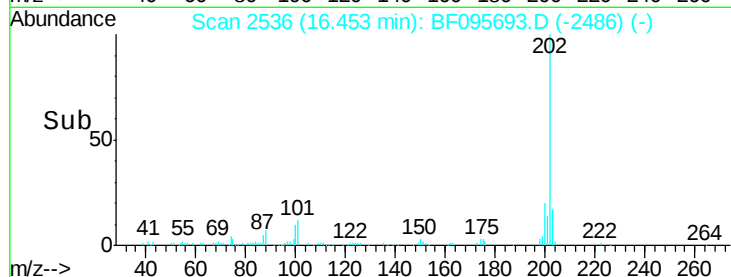
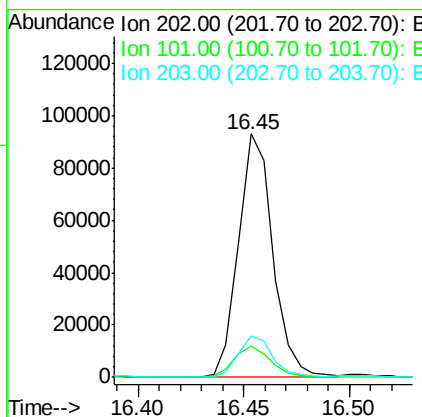
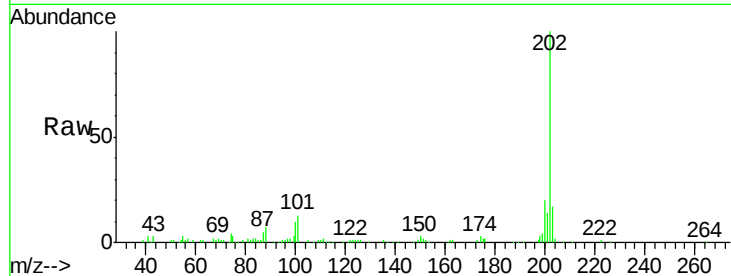
ClientSampleId :

SU-RO-6704-060217

Tgt Ion:	202	Resp:	104740
Ion Ratio		Lower	Upper
202	100		
101	12.7	0.0	33.2
203	17.2	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

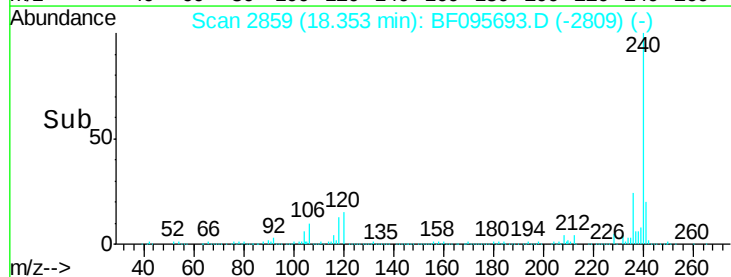
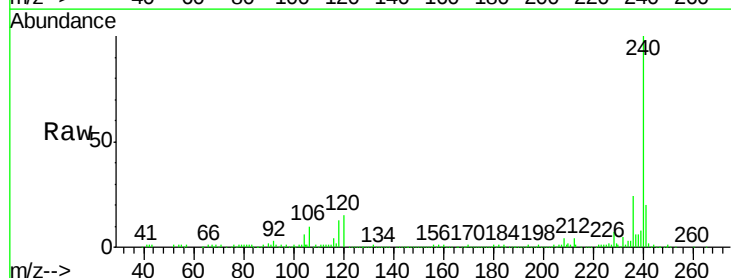
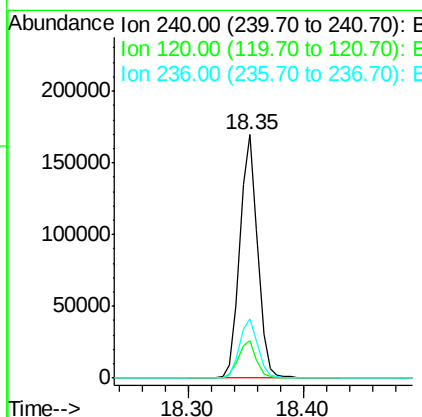
RT: 18.35 min Scan# 2859

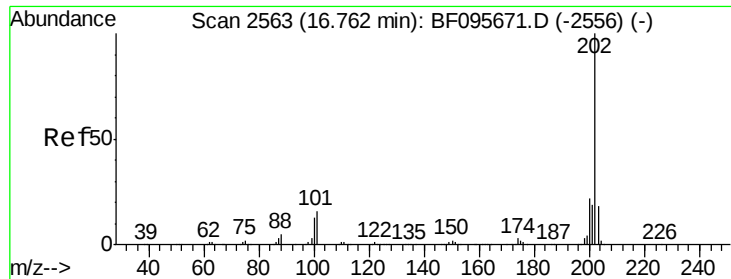
Delta R.T. -0.00 min

Lab File: BF095693.D

Acq: 6 Jun 2017 1:54

Tgt Ion:	240	Resp:	181345
Ion Ratio		Lower	Upper
240	100		
120	15.5	5.8	8.8#
236	24.4	20.5	30.7





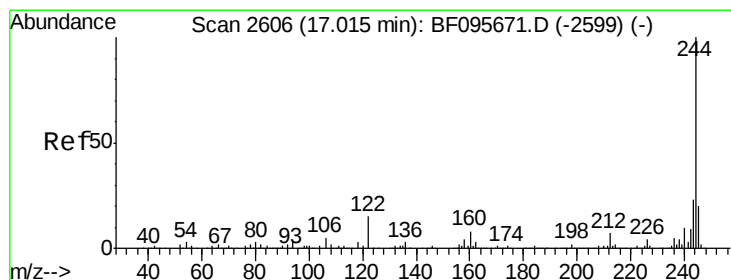
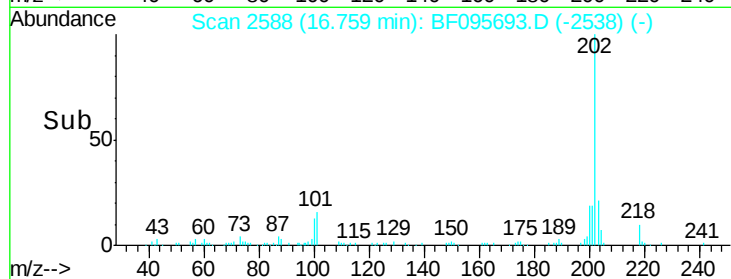
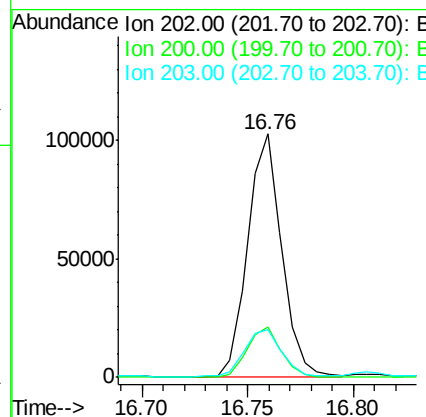
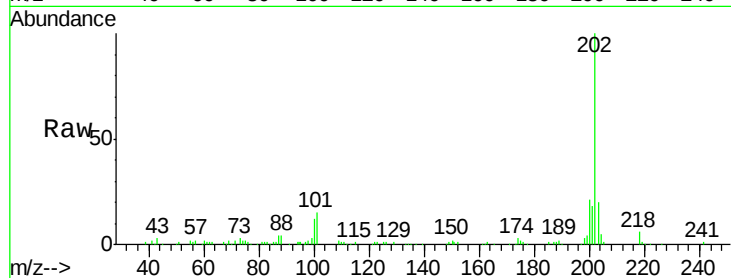
#77
 Pyrene
 Concen: 8.486 ng
 RT: 16.76 min Scan# 2588
 Delta R.T. -0.00 min
 Lab File: BF095693.D
 Acq: 6 Jun 2017 1:54

Instrument :
 BNA_F
 ClientSampleId :
 SU-RO-6704-060217

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.6	17.6	26.4
203	19.6	14.4	21.6

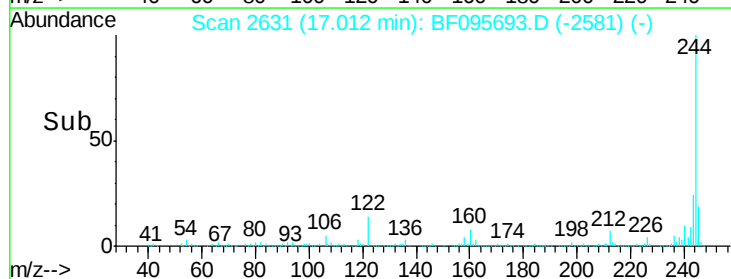
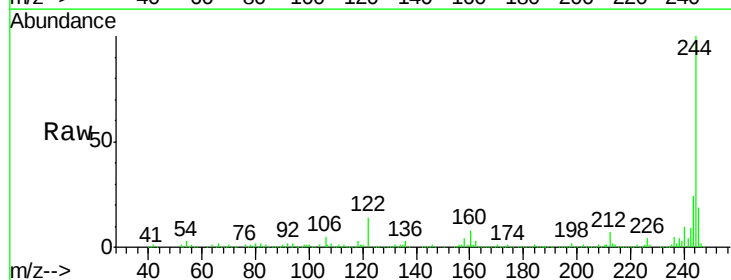
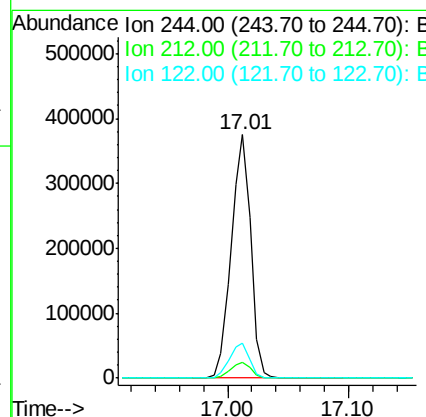
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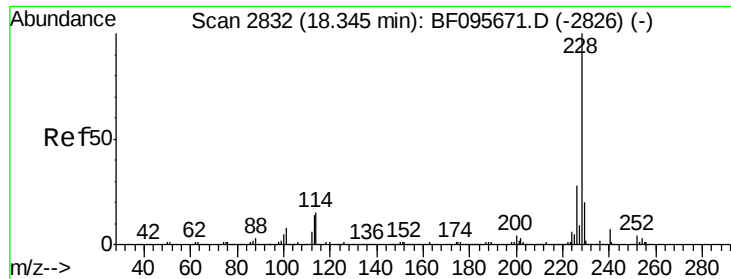
mohammad
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#78
 Terphenyl-d14
 Concen: 57.182 ng
 RT: 17.01 min Scan# 2631
 Delta R.T. -0.00 min
 Lab File: BF095693.D
 Acq: 6 Jun 2017 1:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.7	6.0	9.0
122	14.5	10.3	15.5





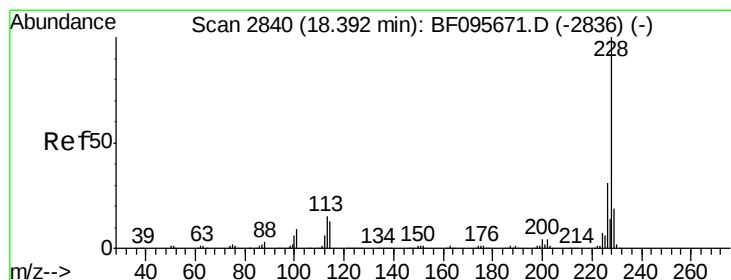
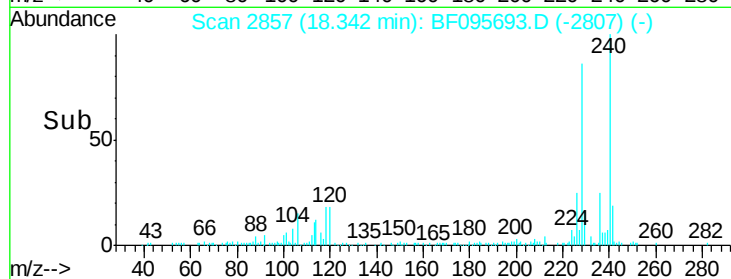
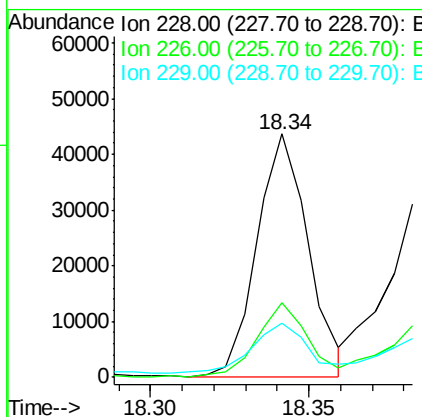
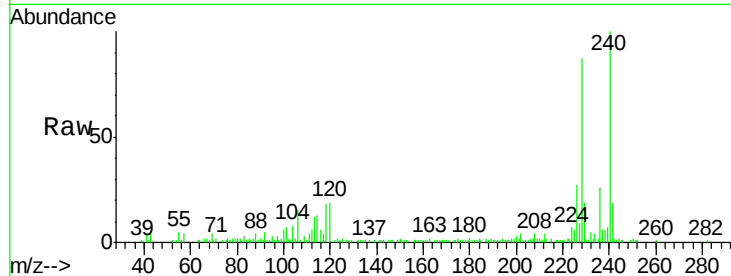
#80
Benzo(a)anthracene
Concen: 4.679 ng
RT: 18.34 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BF095693.D
Acq: 6 Jun 2017 1:54

Instrument :
BNA_F
ClientSampleId :
SU-RO-6704-060217

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	22.2	16.3	24.5

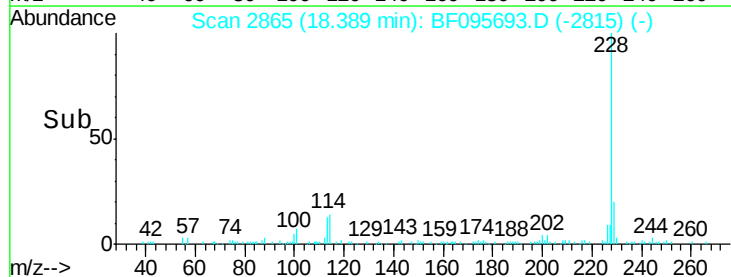
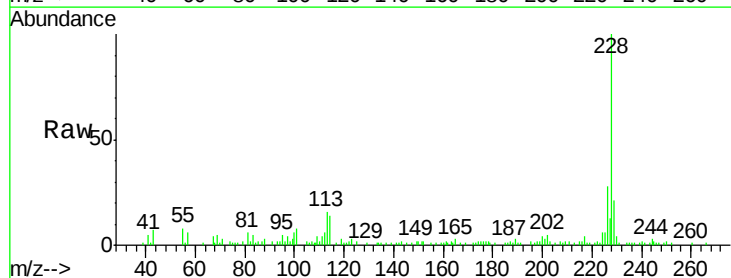
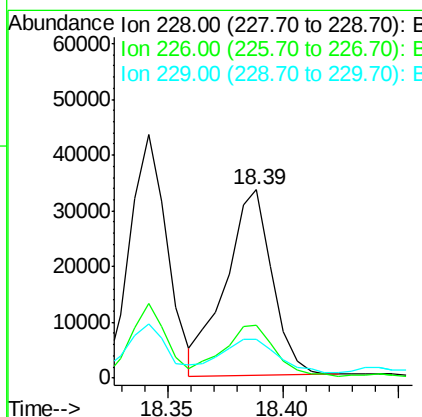
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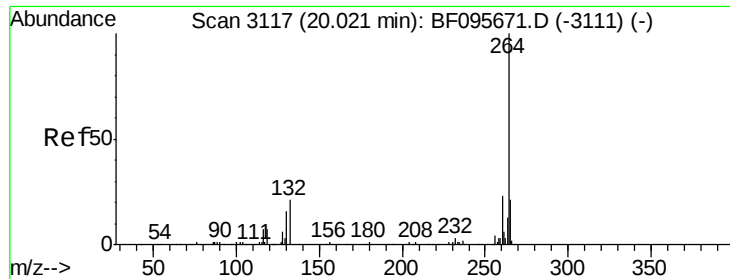
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#82
Chrysene
Concen: 4.451 ng
RT: 18.39 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BF095693.D
Acq: 6 Jun 2017 1:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.9	37.3
229	20.8	15.8	23.6





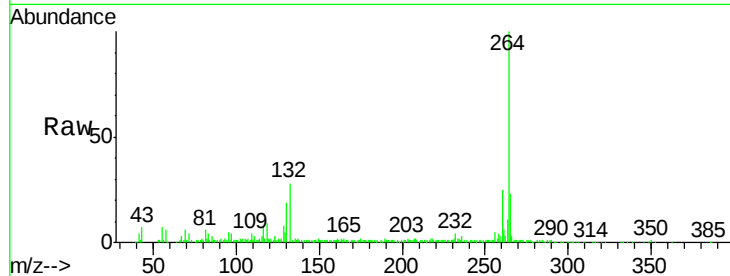
#86
Perylene-d12
Concen: 20.000 ng
RT: 20.02 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BF095693.D
Acq: 6 Jun 2017 1:54

Instrument :
BNA_F
ClientSampleId :
SU-RO-6704-060217

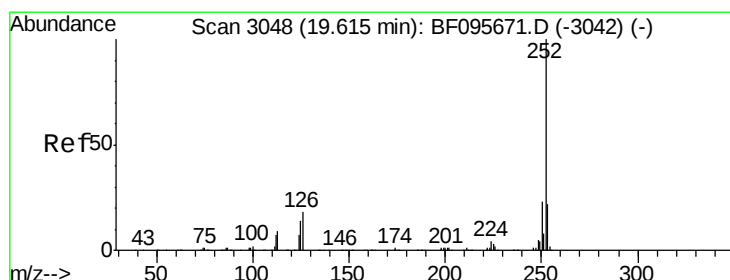
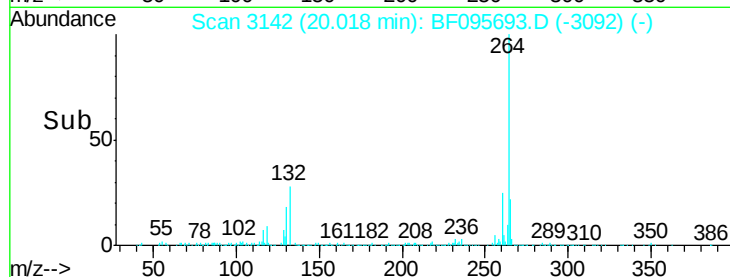
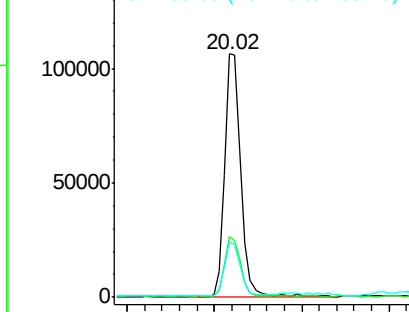
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	22.6	17.2	25.8

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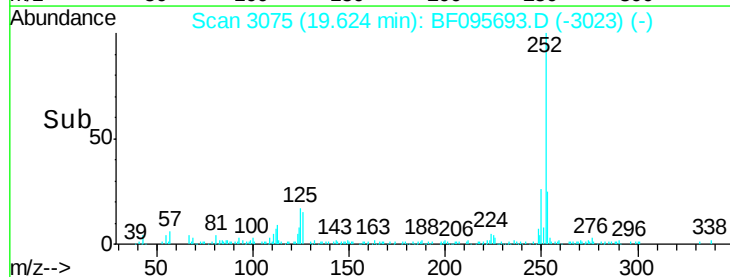
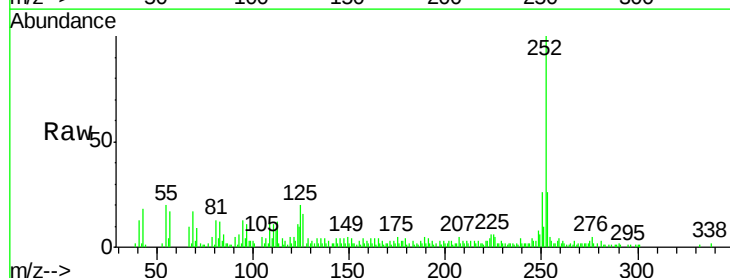
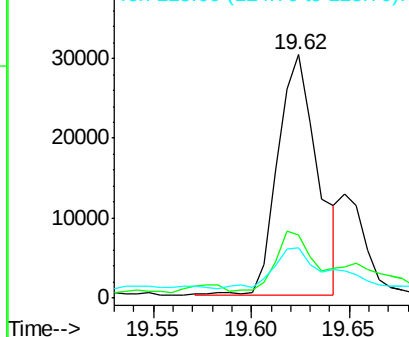
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

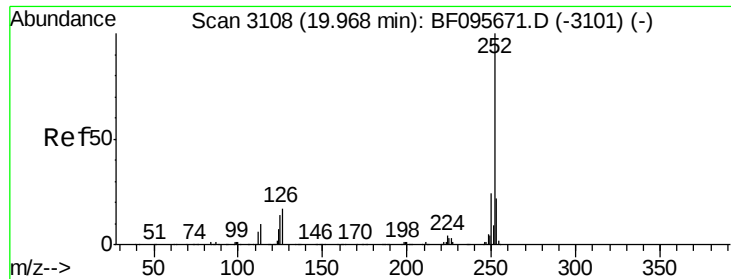


#87
Benzo(b)fluoranthene
Concen: 4.952 ng m
RT: 19.62 min Scan# 3075
Delta R.T. 0.01 min
Lab File: BF095693.D
Acq: 6 Jun 2017 1:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.1	27.1
125	20.5	9.8	14.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89
Benzo(a)pyrene
Concen: 3.784 ng
RT: 19.97 min Scan# 3134
Delta R.T. 0.00 min
Lab File: BF095693.D
Acq: 6 Jun 2017 1:54

Instrument :
BNA_F
ClientSampleId :
SU-RO-6704-060217

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	17.9	11.0	16.4

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