

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096079.D
 Acq On : 21 Jun 2017 11:33
 Operator : SJ/MA
 Sample : I3759-01DL 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617DL

Manual Integrations
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 6/21/2017 2:17:26 PM

Quant Time: Jun 21 13:52:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	69593	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	269155	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	106175	20.00	ng	-0.01
63) Phenanthrene-d10	14.53	188	195760	20.00	ng	0.00
75) Chrysene-d12	18.27	240	160292	20.00	ng	0.00
86) Perylene-d12	19.94	264	116758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	43710m	10.01	ng	0.08
7) Phenol-d6	6.96	99	61205m	11.71	ng	0.08
23) Nitrobenzene-d5	8.25	82	31436m	7.25	ng	0.03
41) 2,4,6-Tribromophenol	13.46	330	9111	9.70	ng	0.01
44) 2-Fluorobiphenyl	11.10	172	72224	9.47	ng	0.00
78) Terphenyl-d14	16.92	244	59279	9.18	ng	-0.01
Target Compounds						
48) Acenaphthylene	11.92	152	44444	3.80	ng	Qvalue 98
70) Phenanthrene	14.57	178	165511	14.65	ng	97
71) Anthracene	14.67	178	63467	5.38	ng	95
74) Fluoranthene	16.36	202	311223	27.84	ng	99
77) Pyrene	16.67	202	337185	28.19	ng	96
80) Benzo(a)anthracene	18.26	228	145390	15.60	ng	93
82) Chrysene	18.30	228	148587	15.95	ng	98
85) Indeno(1,2,3-cd)pyrene	21.10	276	43907	5.51	ng	95
87) Benzo(b)fluoranthene	19.54	252	130172	17.80	ng	# 97
88) Benzo(k)fluoranthene	19.56	252	42339m	6.06	ng	
89) Benzo(a)pyrene	19.89	252	98234	14.62	ng	96
90) Dibenzo(a,h)anthracene	21.10	278	14184	2.49	ng	# 70
91) Benzo(a,h,i)perylene	21.43	276	48610	8.36	ng	96

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

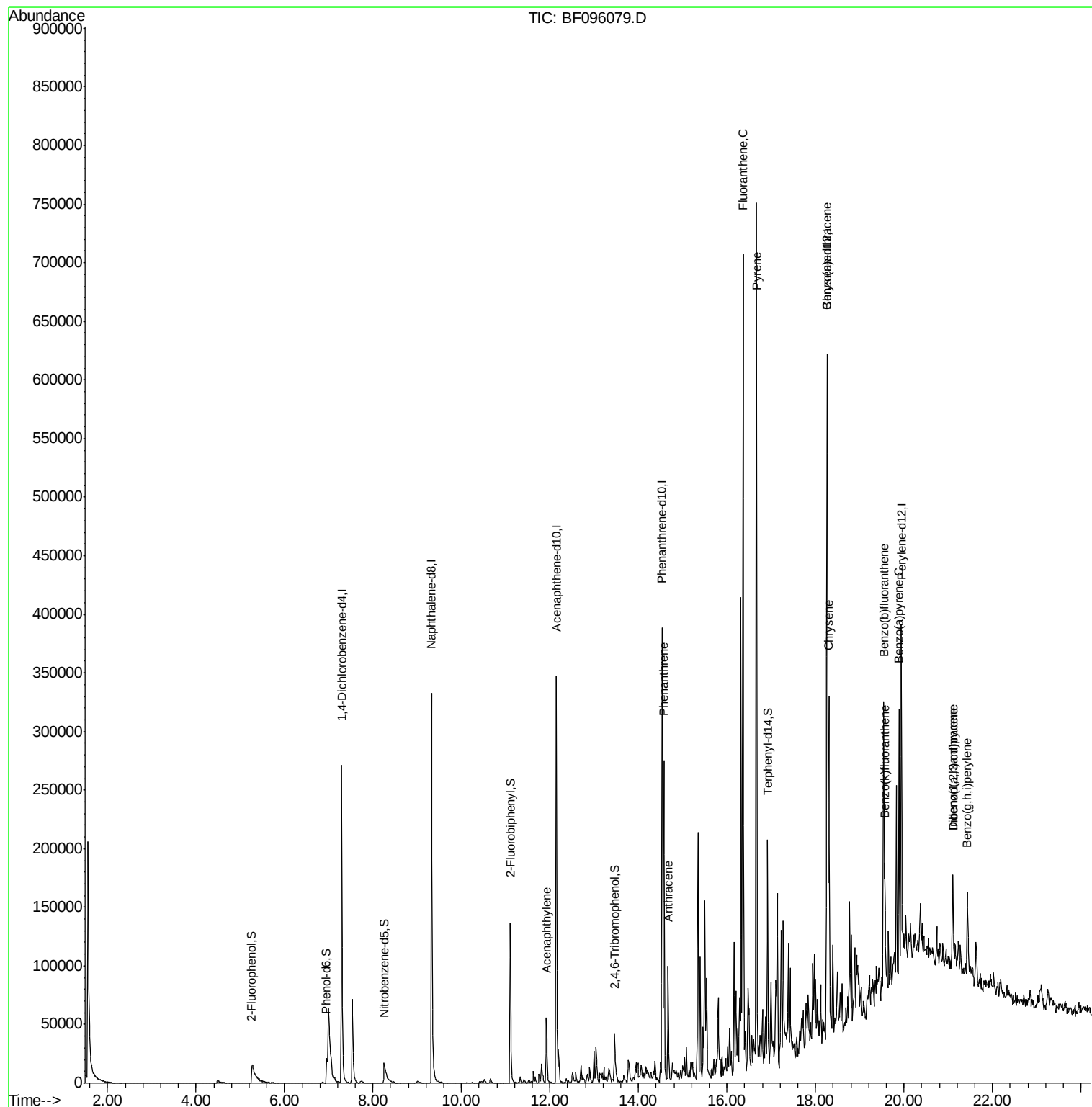
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096079.D
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Operator : SJ/MA
Sample : I3759-01DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

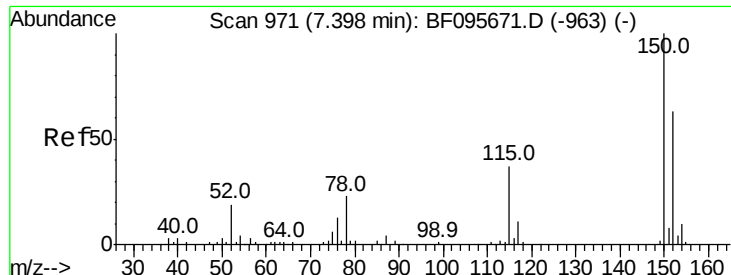
Instrument :
BNA_F
ClientSampleId :
SU-02-061617DL

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Quant Time: Jun 21 13:52:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

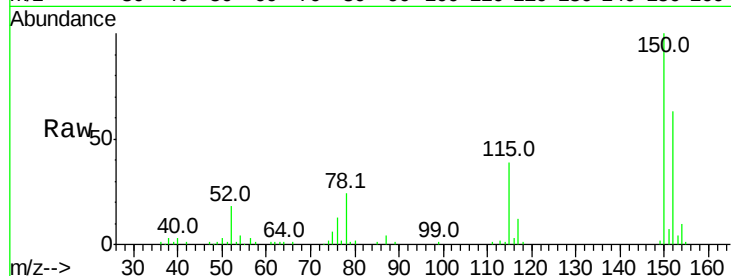
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096079.D
Acq: 21 Jun 2017 11:33

Instrument :
BNA_F
ClientSampleId :
SU-02-061617DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	61.3	52.2	78.2

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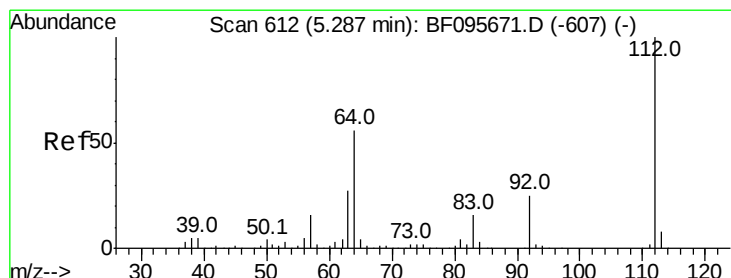
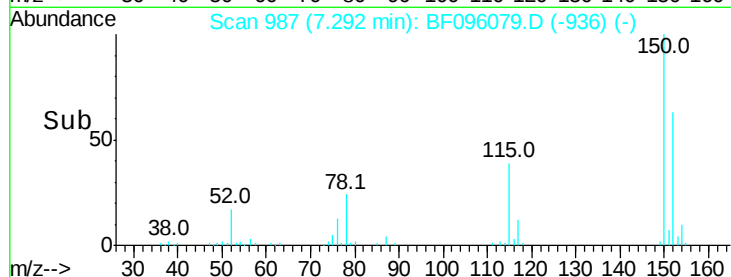
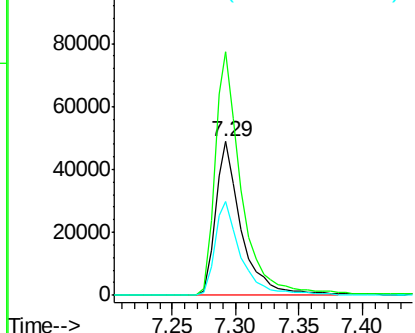


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

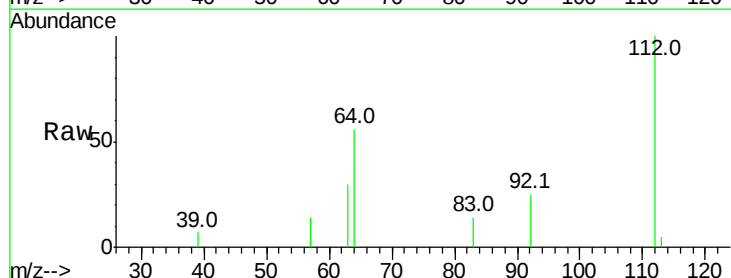
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 10.01 ng m
RT: 5.26 min Scan# 642
Delta R.T. 0.08 min
Lab File: BF096079.D
Acq: 21 Jun 2017 11:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	46.0	69.0
63	29.9	23.4	35.0

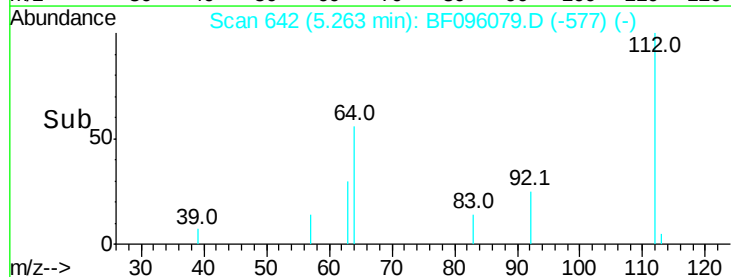
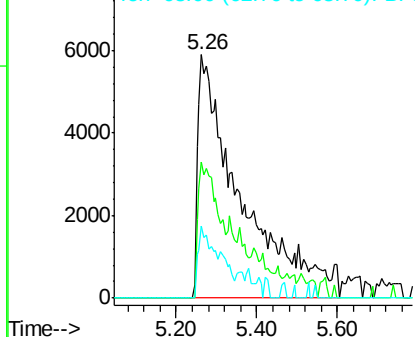


Abundance

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

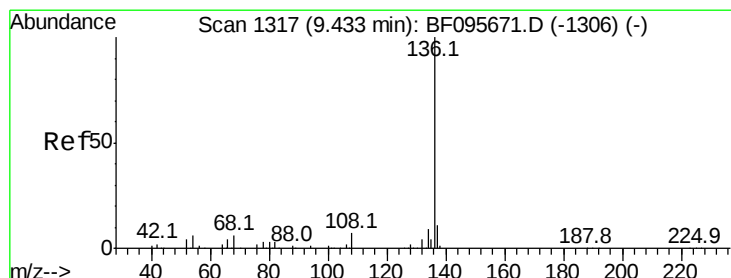
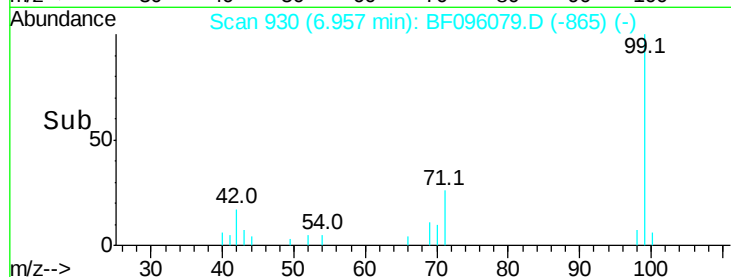
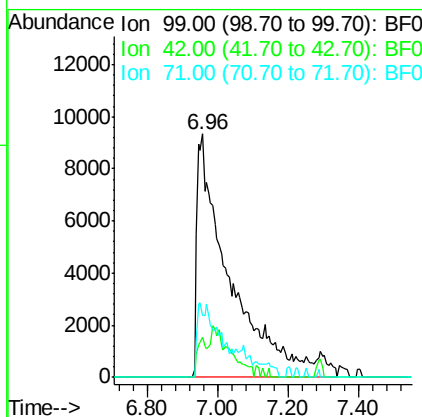
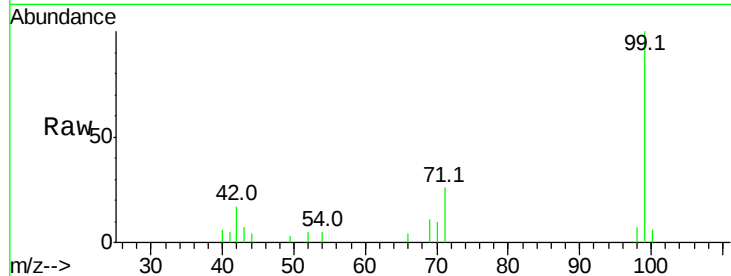
Concen: 11.71 ng/ml
 RT: 6.96 min Scan# 930
 Delta R.T. 0.08 min
 Lab File: BF096079.D
 Acq: 21 Jun 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		61205		
42	16.6	13.5	20.3		
71	25.6	24.5	36.7		

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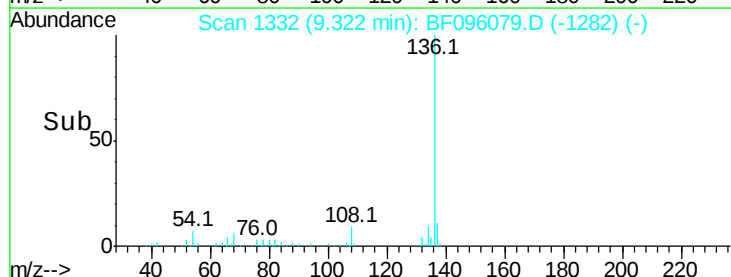
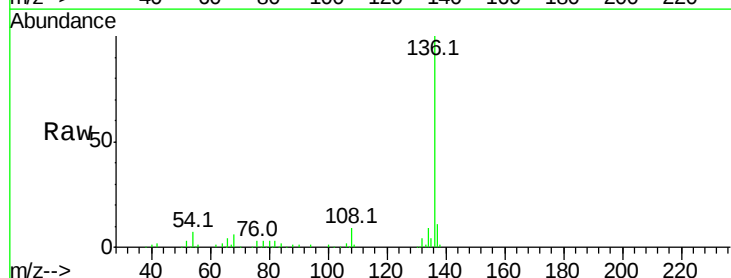
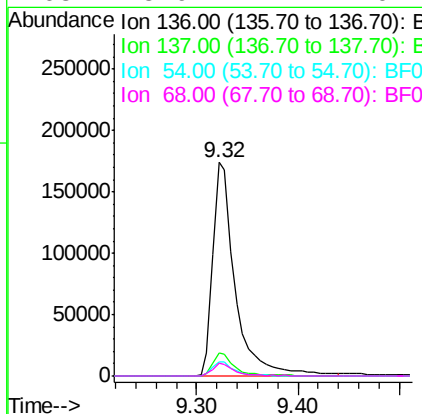


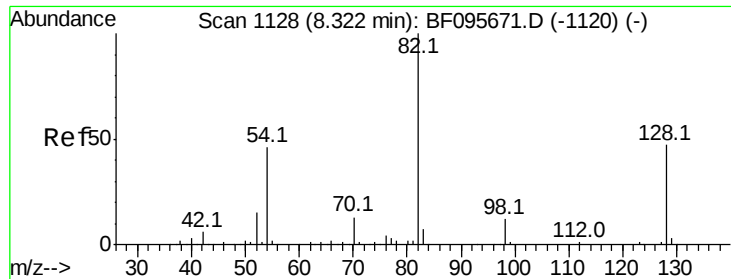
#21

Naphthalene-d8

Concen: 20.00 ng
 RT: 9.32 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF096079.D
 Acq: 21 Jun 2017 11:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		269155		
137	11.1	8.5	12.7		
54	6.9	4.9	7.3		
68	5.9	4.1	6.1		





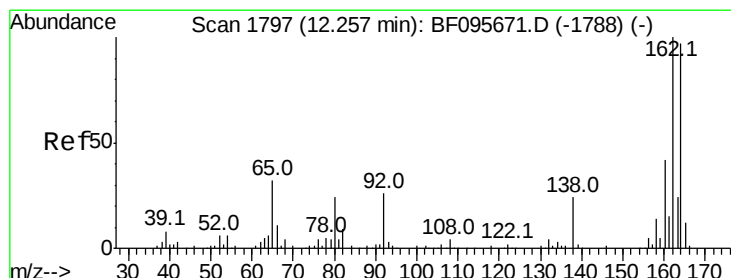
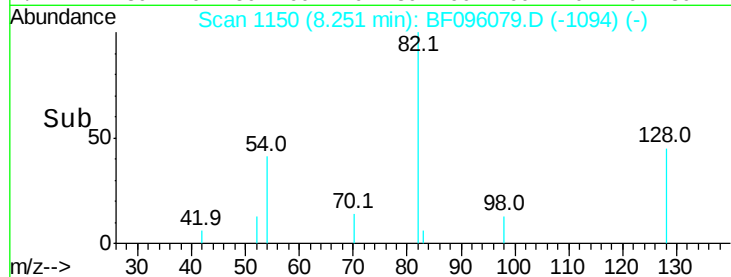
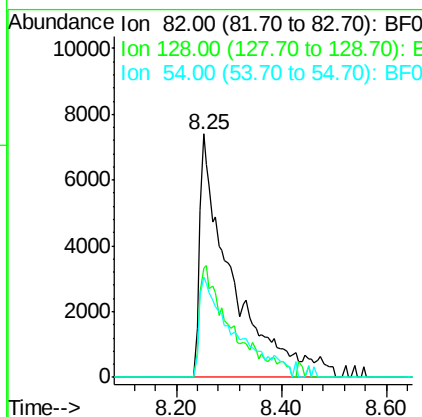
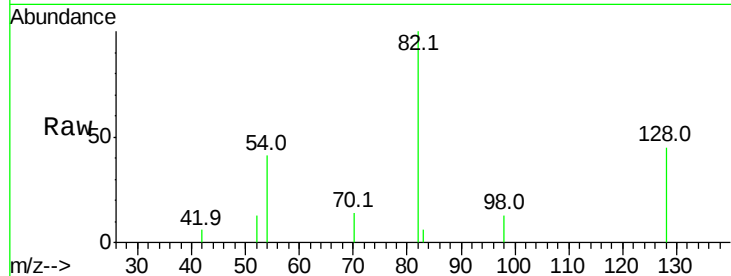
#23
 Nitrobenzene-d5
 Concen: 7.25 ng/ml
 RT: 8.25 min Scan# 1150
 Delta R.T. 0.03 min
 Lab File: BF096079.D
 Acq: 21 Jun 2017 11:33

Instrument :
 BNA_F
 ClientSampleID :
 SU-02-061617DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.0	51.0
54	41.1	42.2	63.2#

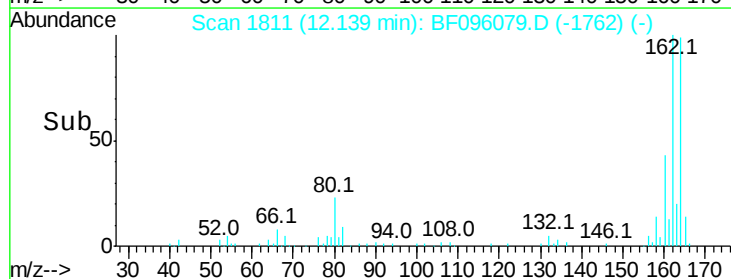
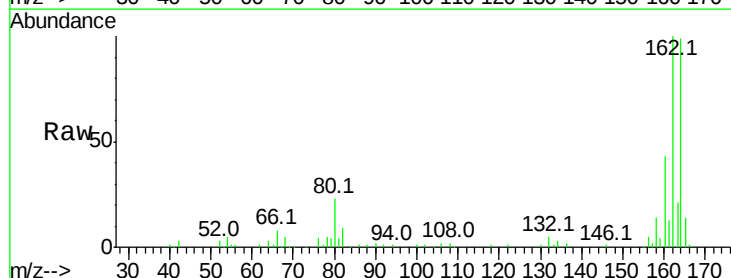
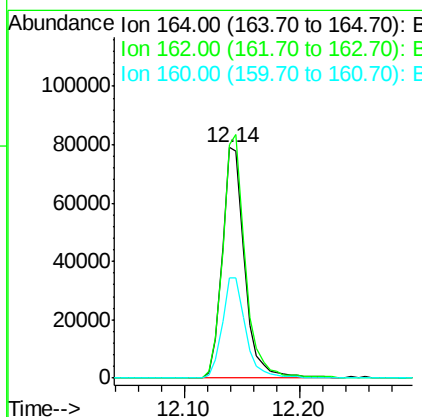
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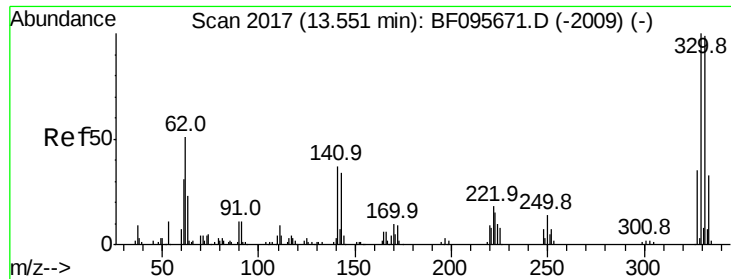
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.14 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF096079.D
 Acq: 21 Jun 2017 11:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	43.7	36.2	54.2





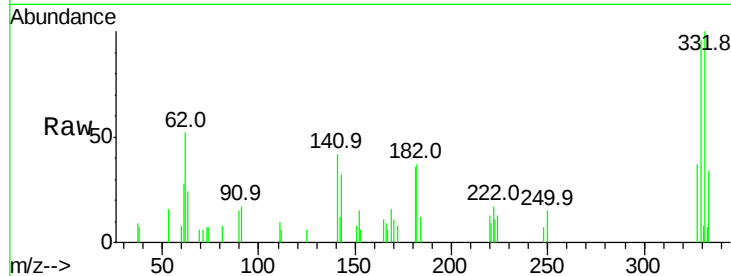
#41
 2,4,6-Tribromophenol
 Concen: 9.70 ng
 RT: 13.46 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF096079.D
 Acq: 21 Jun 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617DL

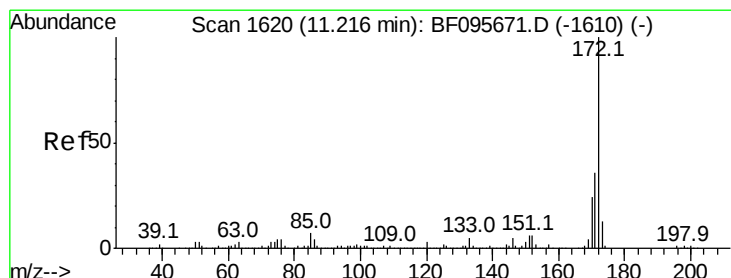
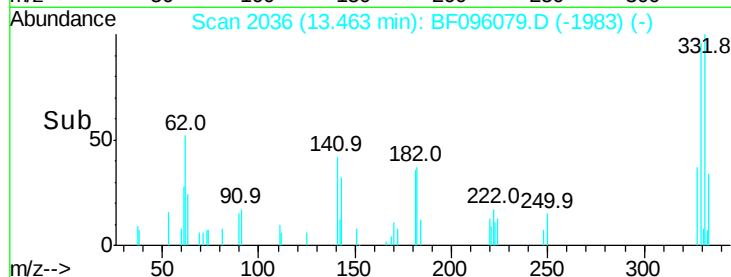
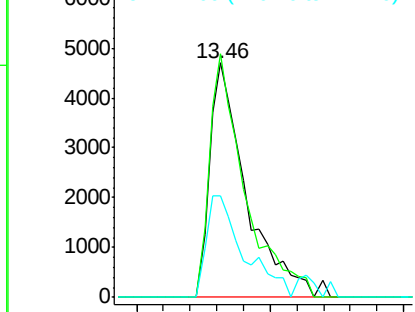
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.3	76.6	115.0
141	43.7	31.4	47.2

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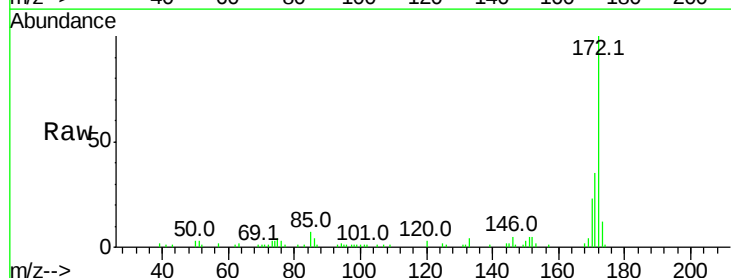


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

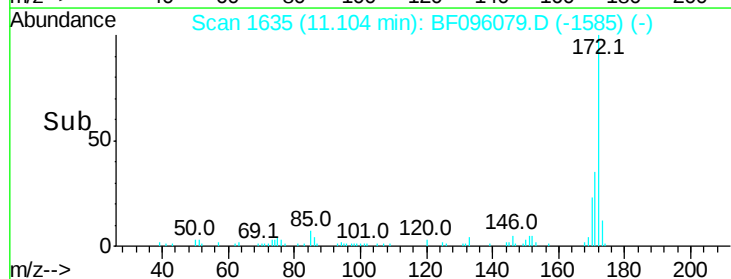
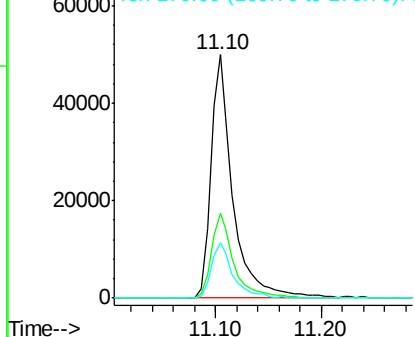


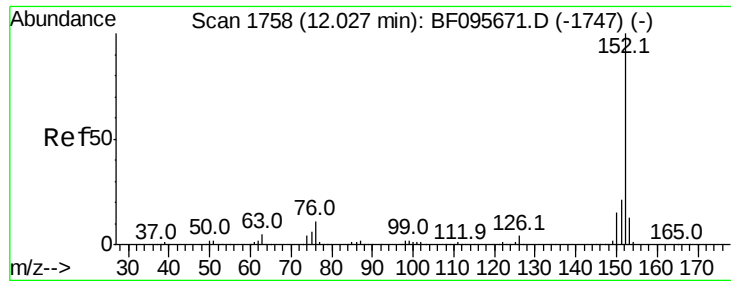
#44
 2-Fluorobiphenyl
 Concen: 9.47 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096079.D
 Acq: 21 Jun 2017 11:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	22.5	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





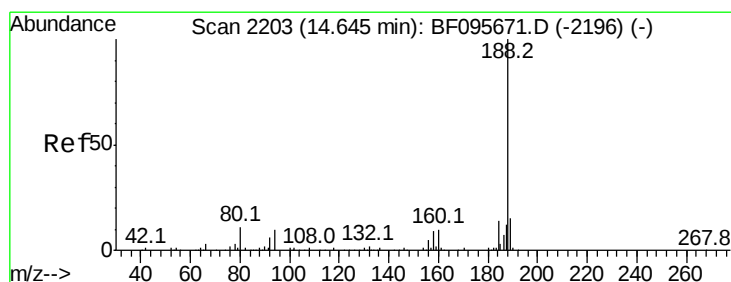
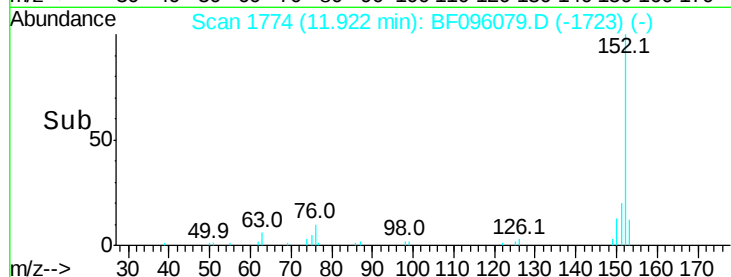
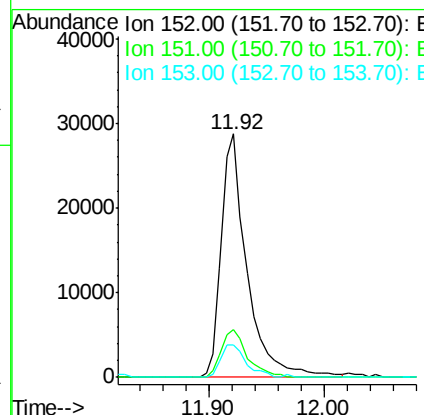
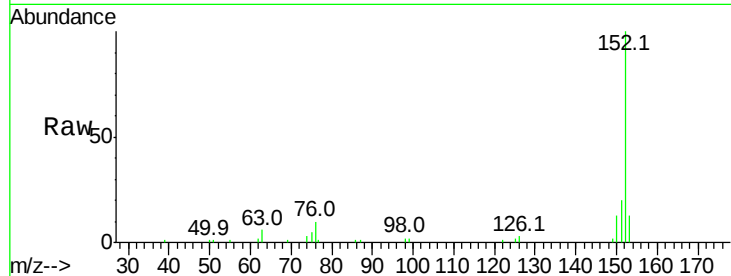
#48
Acenaphthylene
Concen: 3.80 ng
RT: 11.92 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BF096079.D
Acq: 21 Jun 2017 11:33

Instrument :
BNA_F
ClientSampleId :
SU-02-061617DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.8	25.2
153	13.4	10.8	16.2

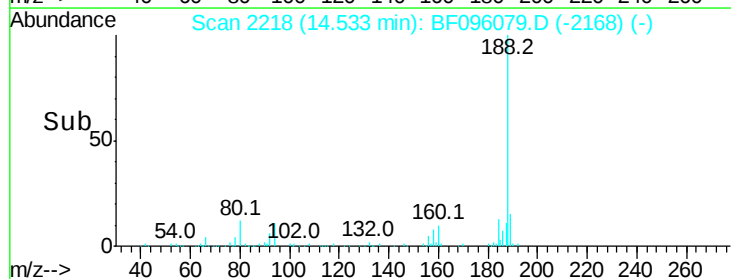
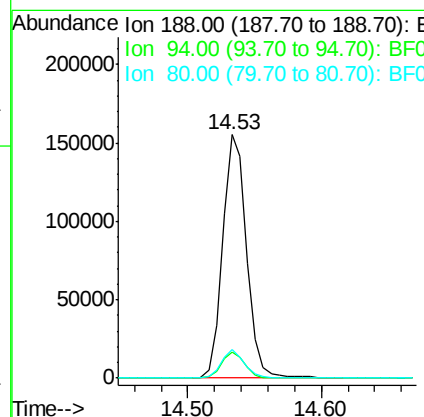
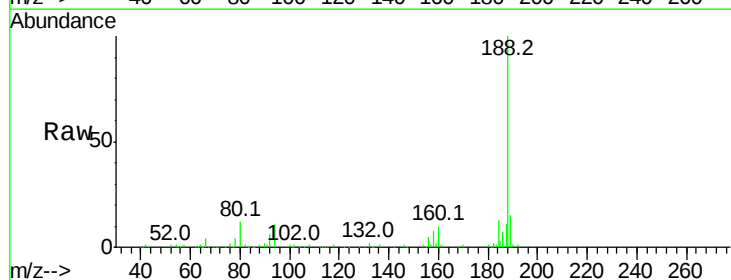
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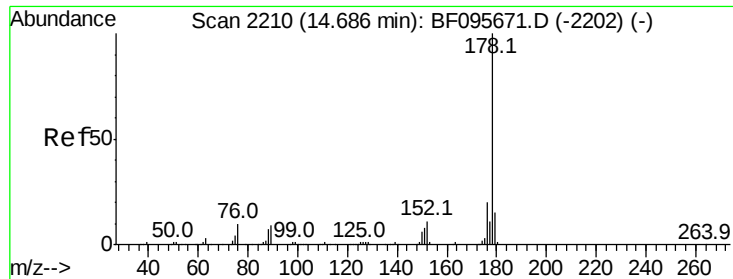
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF096079.D
Acq: 21 Jun 2017 11:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.9	10.2	15.2





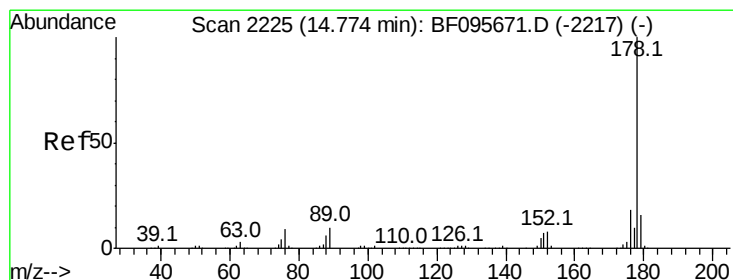
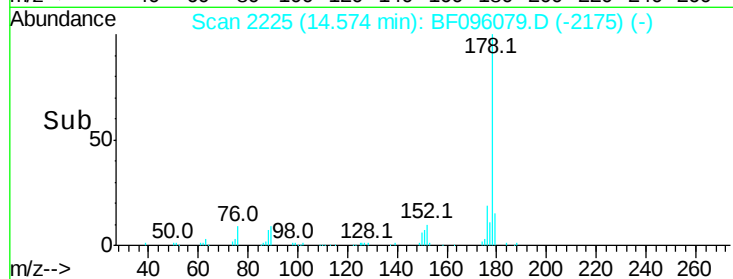
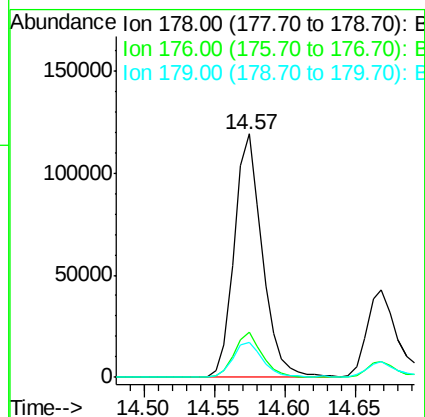
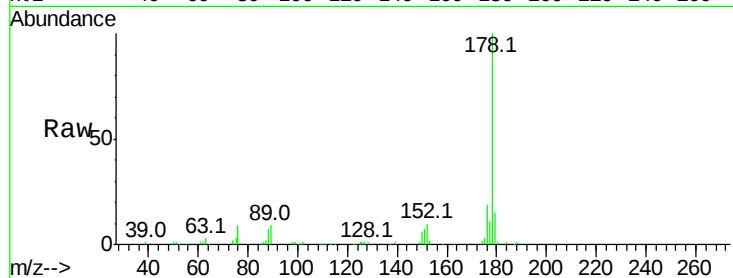
#70
Phenanthrene
Concen: 14.65 ng
RT: 14.57 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF096079.D
Acq: 21 Jun 2017 11:33

Instrument :
BNA_F
ClientSampleId :
SU-02-061617DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	14.6	12.6	19.0

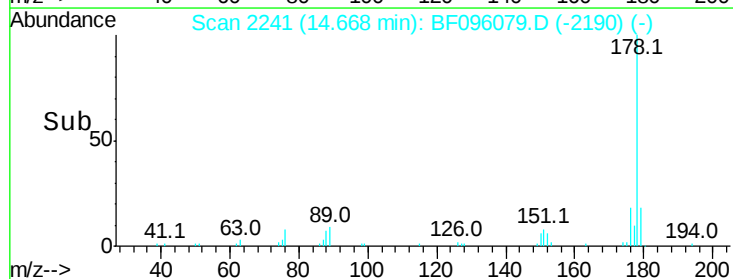
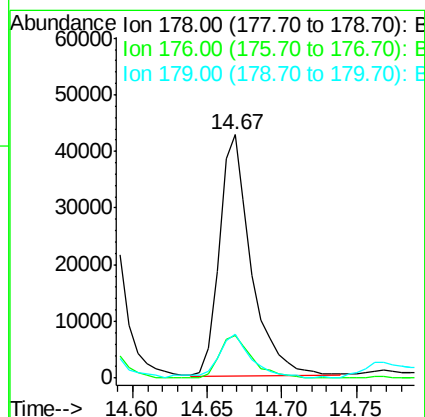
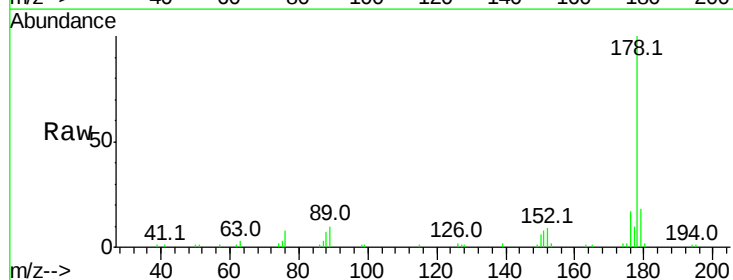
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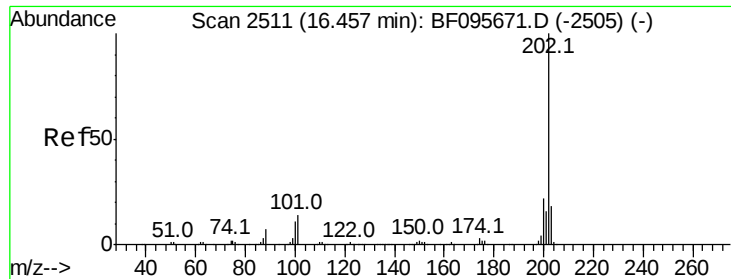
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#71
Anthracene
Concen: 5.38 ng
RT: 14.67 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF096079.D
Acq: 21 Jun 2017 11:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.8	23.8
179	18.2	12.7	19.1





#74

Fluoranthene

Concen: 27.84 ng

RT: 16.36 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF096079.D

Acq: 21 Jun 2017 11:33

Instrument :

BNA_F

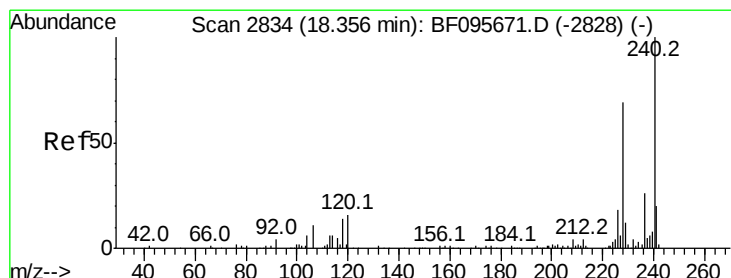
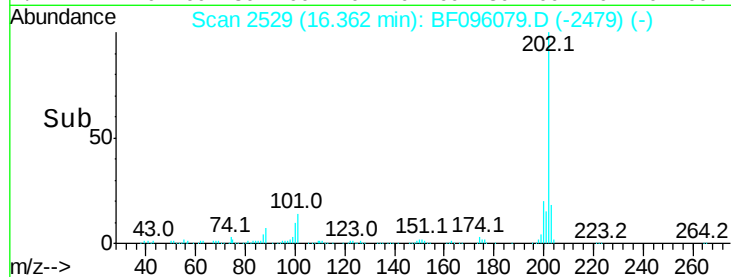
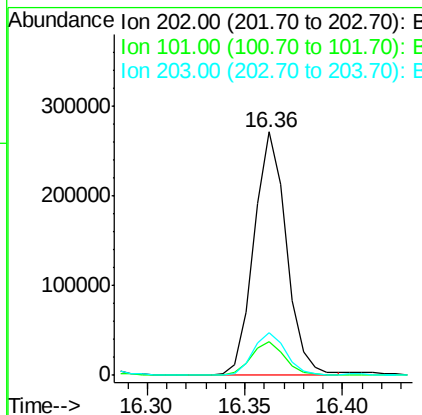
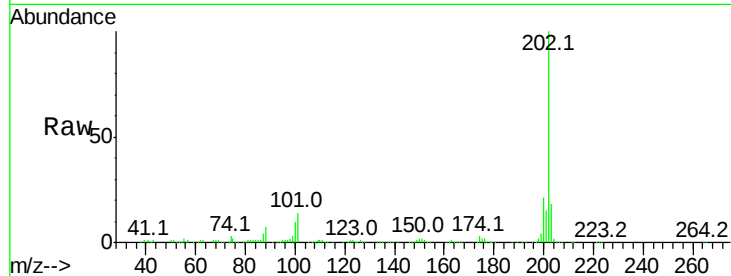
ClientSampleId :

SU-02-061617DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	0.0	33.2
203	17.8	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

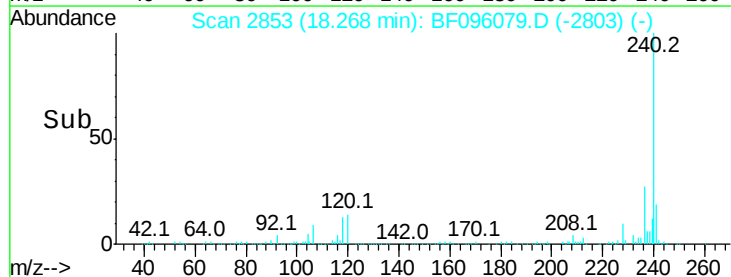
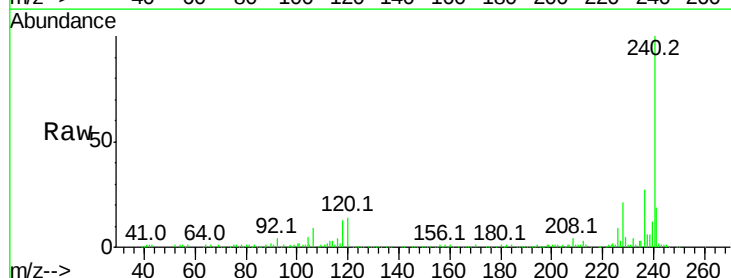
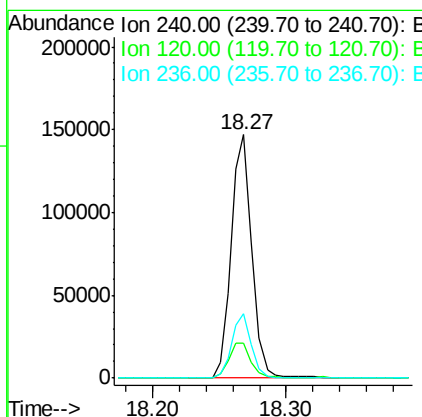
RT: 18.27 min Scan# 2853

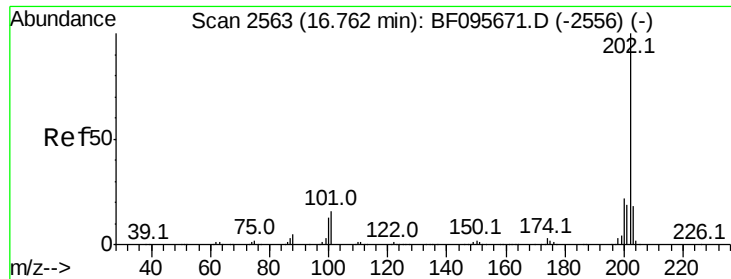
Delta R.T. -0.01 min

Lab File: BF096079.D

Acq: 21 Jun 2017 11:33

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	26.6	20.5	30.7





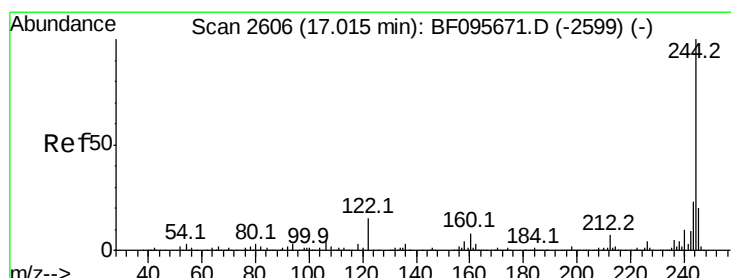
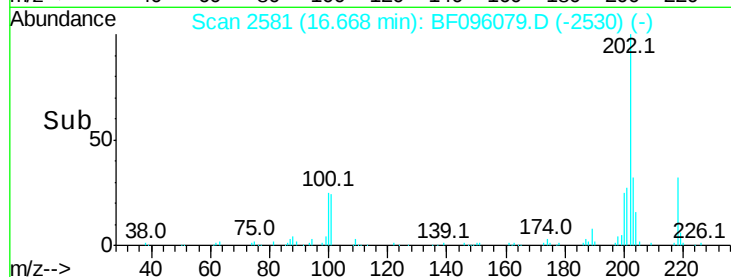
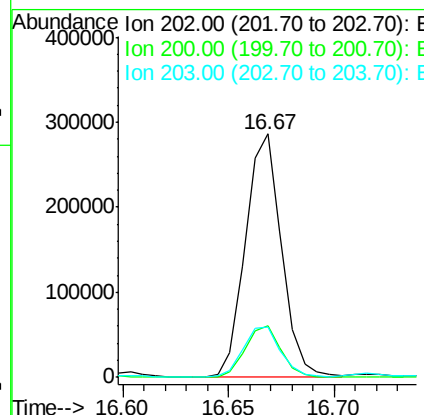
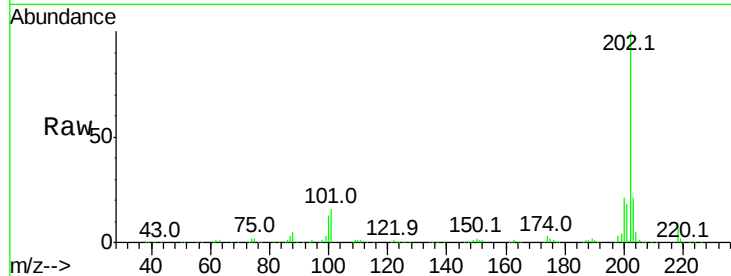
#77
Pvrene
Concen: 28.19 ng
RT: 16.67 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BF096079.D
Acq: 21 Jun 2017 11:33

Instrument :
BNA_F
ClientSampleId :
SU-02-061617DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.4		17.6	26.4
203	20.9		14.4	21.6

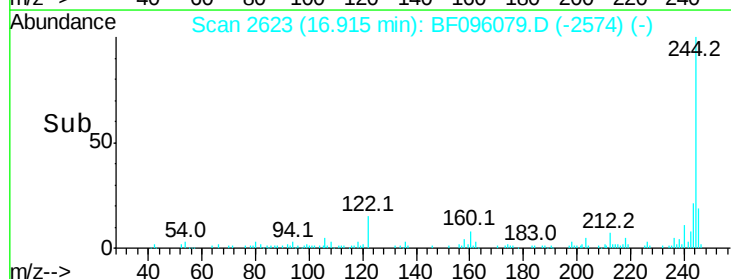
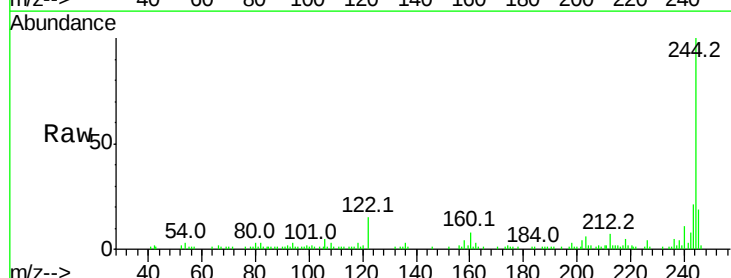
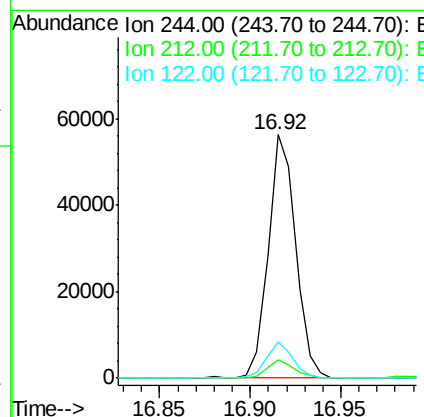
Manual Integrations
APPROVED

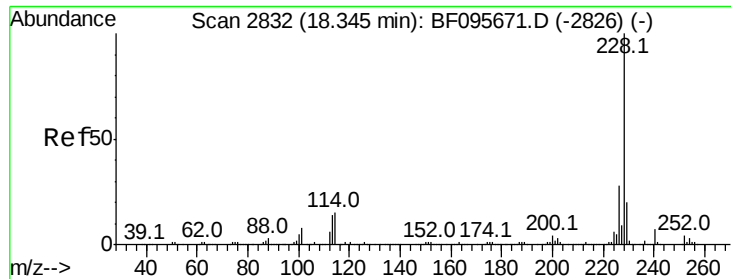
mohammad
6/21/2017 2:17:26 PM



#78
Terphenyl-d14
Concen: 9.18 ng
RT: 16.92 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF096079.D
Acq: 21 Jun 2017 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.5		6.0	9.0
122	14.6		10.3	15.5





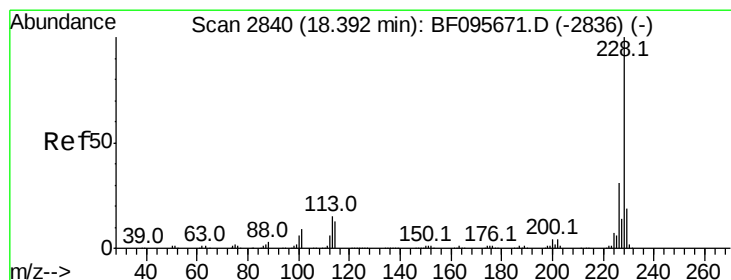
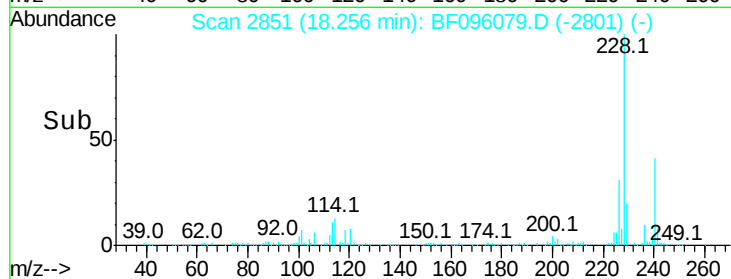
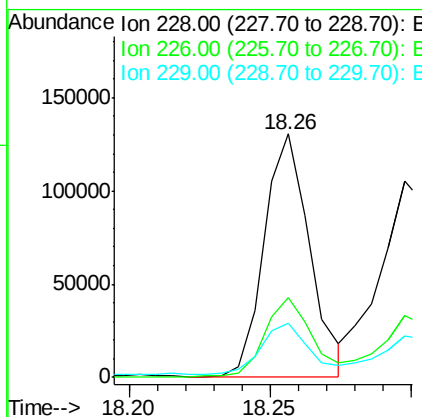
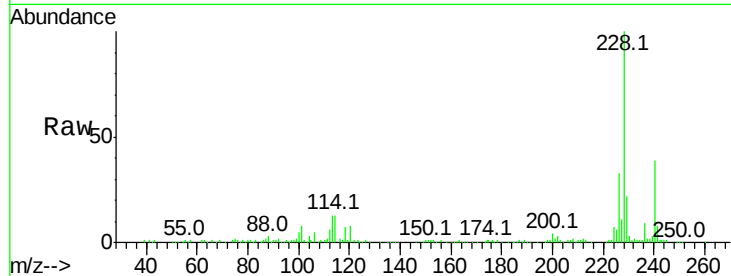
#80
Benzo(a)anthracene
Concen: 15.60 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096079.D
Acq: 21 Jun 2017 11:33

Instrument :
BNA_F
ClientSampleId :
SU-02-061617DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.6	33.8
229	22.2	16.3	24.5

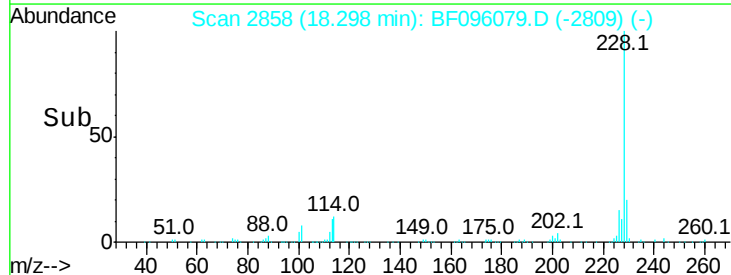
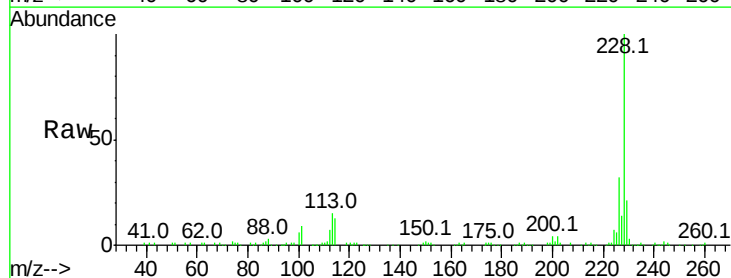
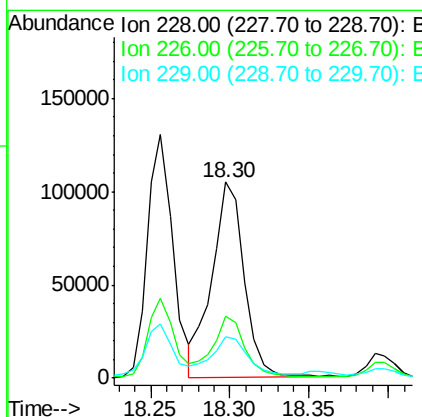
Manual Integrations
APPROVED

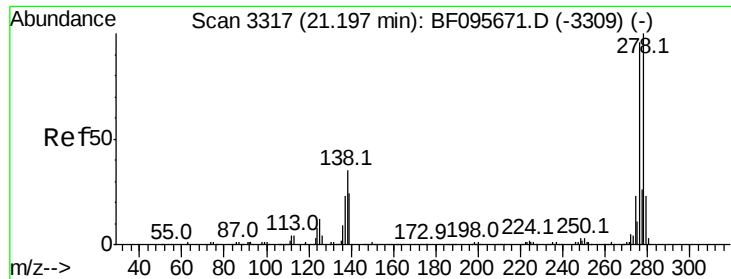
mohammad
6/21/2017 2:17:26 PM



#82
Chrysene
Concen: 15.95 ng
RT: 18.30 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BF096079.D
Acq: 21 Jun 2017 11:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	21.0	15.8	23.6





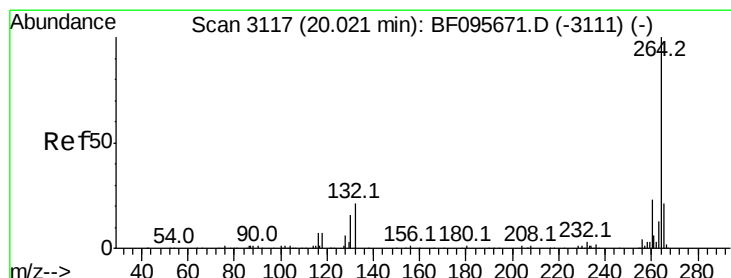
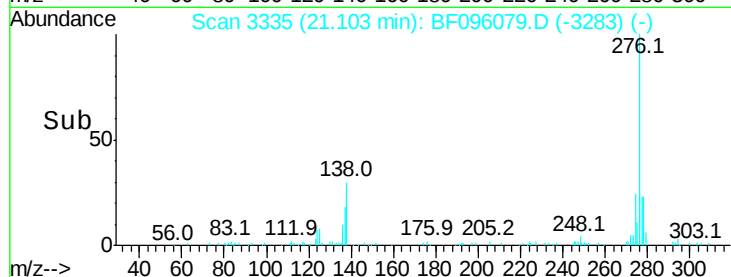
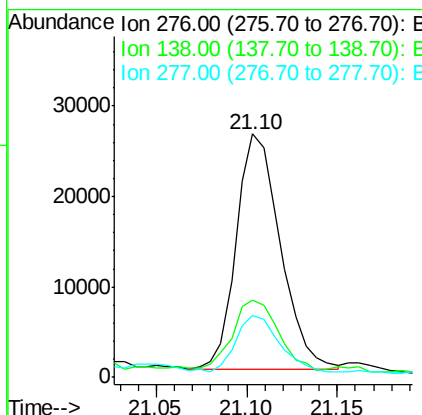
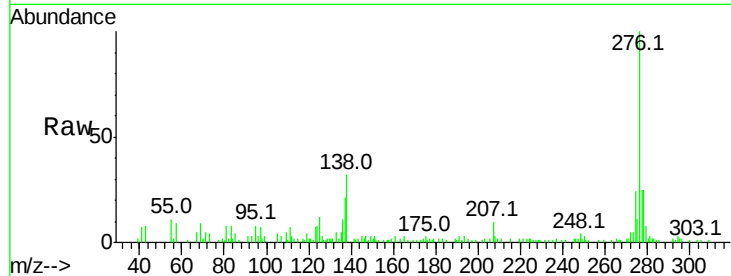
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.51 ng
RT: 21.10 min Scan# 3335
Delta R.T. 0.01 min
Lab File: BF096079.D
Acq: 21 Jun 2017 11:33

Instrument :
BNA_F
ClientSampled :
SU-02-061617DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.7	27.8	41.6
277	25.1	20.2	30.4

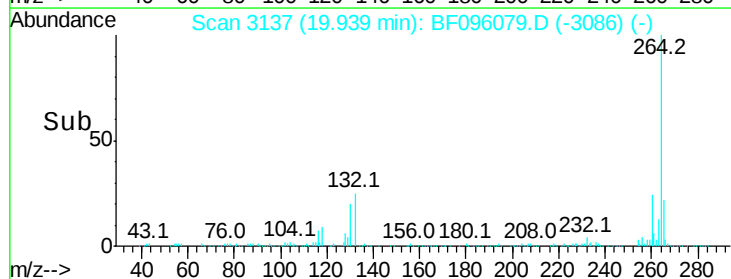
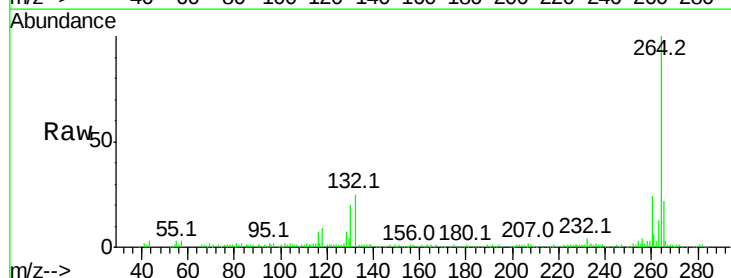
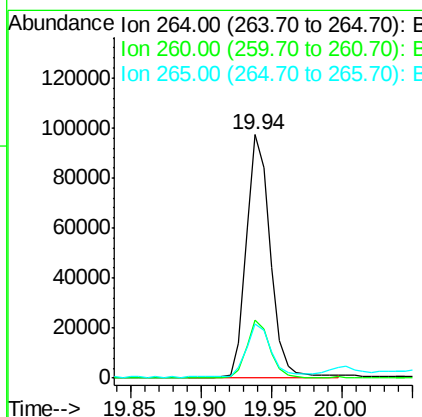
Manual Integrations
APPROVED

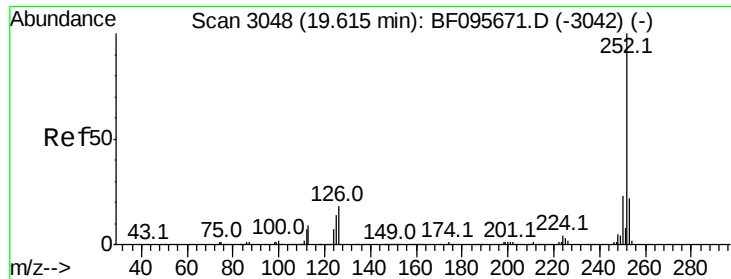
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BF096079.D
Acq: 21 Jun 2017 11:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.2	17.2	25.8





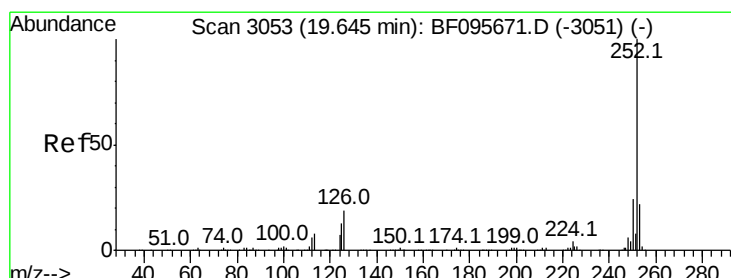
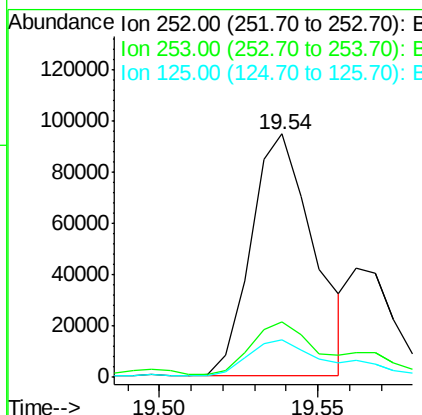
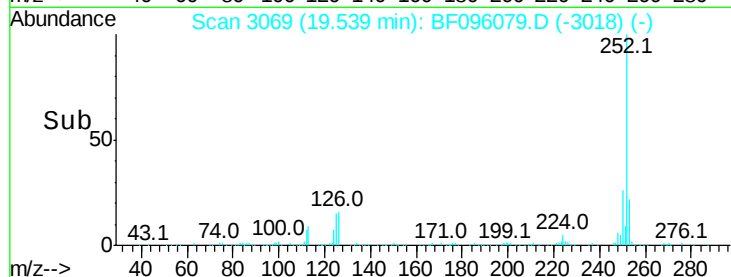
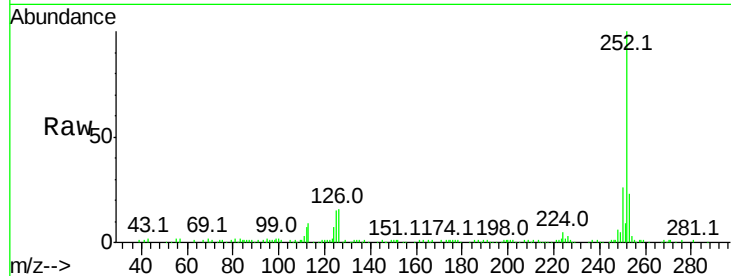
#87
Benzo(b)fluoranthene
Concen: 17.80 ng
RT: 19.54 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF096079.D
Acq: 21 Jun 2017 11:33

Instrument :
BNA_F
ClientSampleId :
SU-02-061617DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	15.2	9.8	14.8

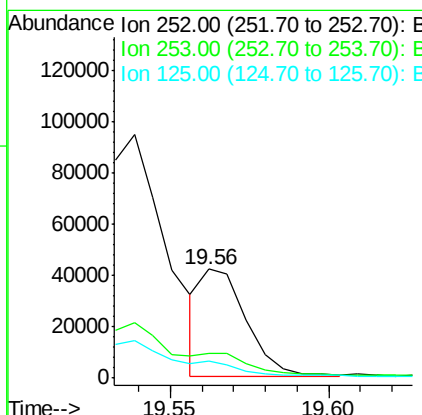
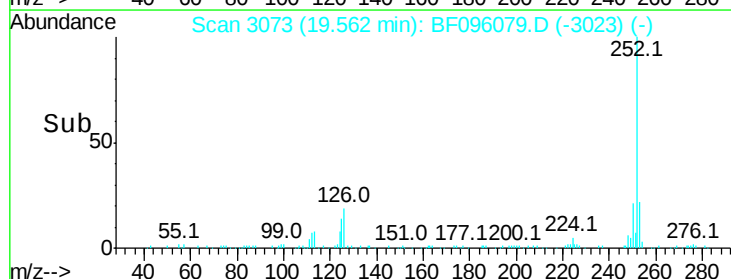
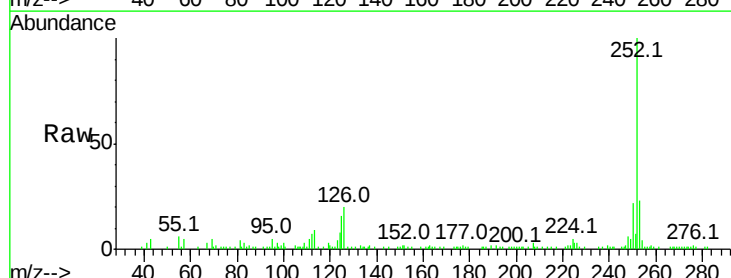
Manual Integrations
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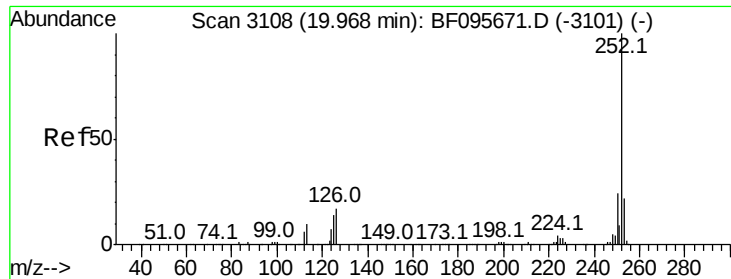
mohammad
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#88
Benzo(k)fluoranthene
Concen: 6.06 ng m
RT: 19.56 min Scan# 3073
Delta R.T. -0.01 min
Lab File: BF096079.D
Acq: 21 Jun 2017 11:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	15.9	13.1	19.7





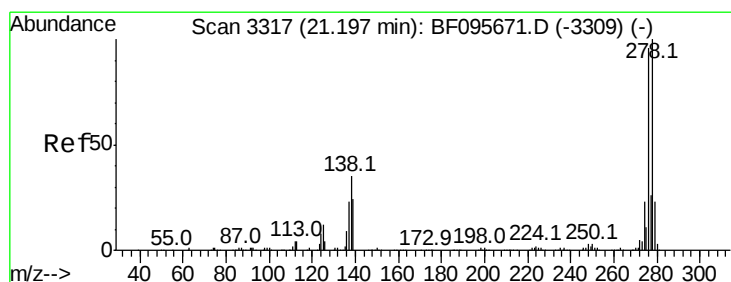
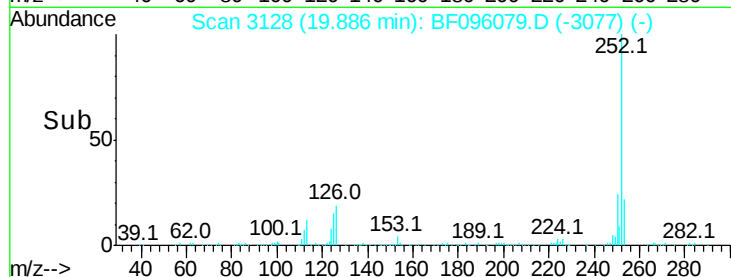
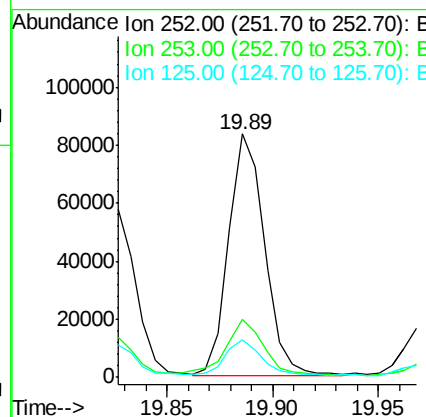
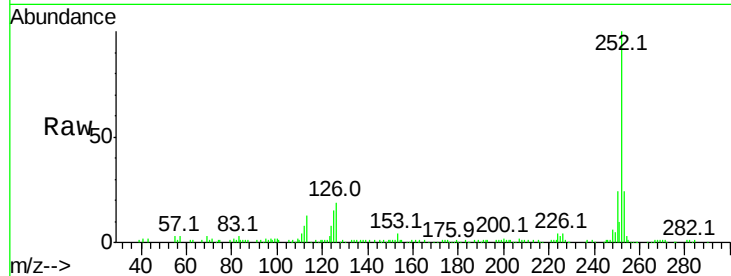
#89
Benzo(a)pyrene
Concen: 14.62 ng
RT: 19.89 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BF096079.D
Acq: 21 Jun 2017 11:33

Instrument :
BNA_F
ClientSampleId :
SU-02-061617DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	15.3	11.0	16.4

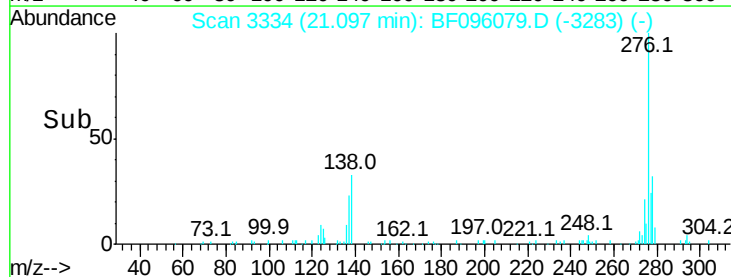
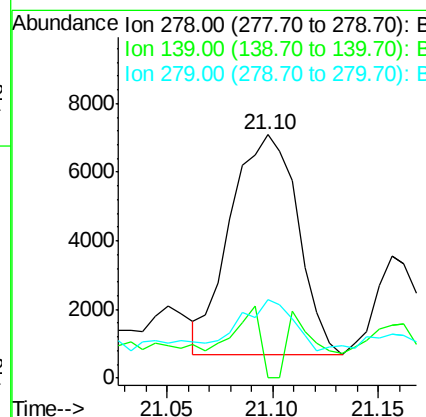
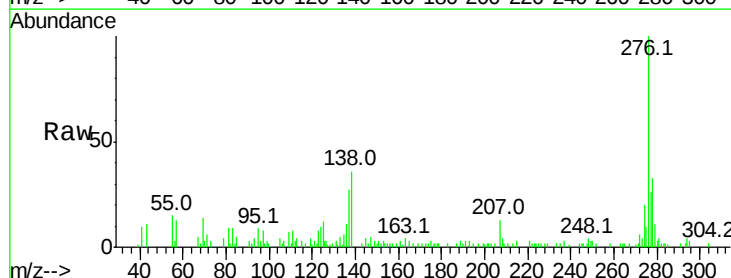
Manual Integrations
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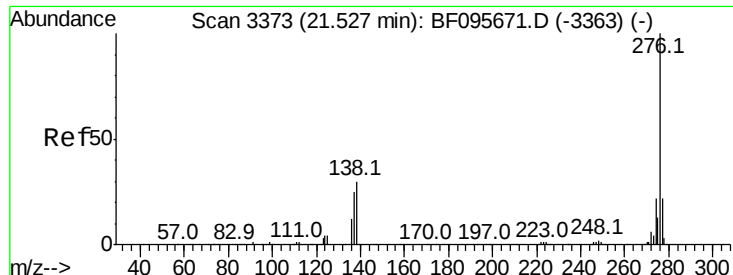
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 2.49 ng
RT: 21.10 min Scan# 3334
Delta R.T. 0.00 min
Lab File: BF096079.D
Acq: 21 Jun 2017 11:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	32.3	19.3	28.9#





#91
 Benzo(a,h,i)perylene
 Concen: 8.36 ng
 RT: 21.43 min Scan# 3391
 Delta R.T. 0.01 min
 Lab File: BF096079.D
 Acq: 21 Jun 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617DL

Tot Ion:	276	Resp:	48610
Ion Ratio	Lower	Upper	
276	100		
277	25.7	18.6	28.0
138	33.6	25.4	38.0

Manual Integrations
 APPROVED

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