

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095302.D
 Acq On : 20 May 2017 13:38
 Operator : SJ/MA
 Sample : I3186-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-S3-BASE

Manual Integrations
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Quant Time: May 22 04:31:07 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	87869	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	356977	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	158754	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	213691	20.00	ng	-0.01
75) Chrysene-d12	18.69	240	185916	20.00	ng	0.00
86) Perylene-d12	20.37	264	148842	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	607886	115.34	ng	0.00
7) Phenol-d6	7.30	99	695337	109.96	ng	-0.01
23) Nitrobenzene-d5	8.66	82	409163	72.28	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	116236	89.40	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	816652	74.04	ng	-0.01
78) Terphenyl-d14	17.33	244	430799	51.04	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	12.25	163	195916	15.03	ng	98
70) Phenanthrene	15.05	178	229293	18.68	ng	96
71) Anthracene	15.14	178	45250m	3.61	ng	
74) Fluoranthene	16.79	202	344464	27.35	ng	99
77) Pyrene	17.10	202	330881	23.80	ng	98
80) Benzo(a)anthracene	18.68	228	170606	15.77	ng	98
82) Chrysene	18.72	228	168386	16.09	ng	99
85) Indeno(1,2,3-cd)pyrene	21.71	276	64573	7.60	ng	92
87) Benzo(b)fluoranthene	19.95	252	186728m	20.30	ng	
88) Benzo(k)fluoranthene	19.98	252	73531m	8.29	ng	
89) Benzo(a)pyrene	20.31	252	127213	14.99	ng	97
90) Dibenzo(a,h)anthracene	21.69	278	15608	2.23	ng	95
91) Benzo(g,h,i)perylene	22.09	276	62565	9.10	ng	97

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

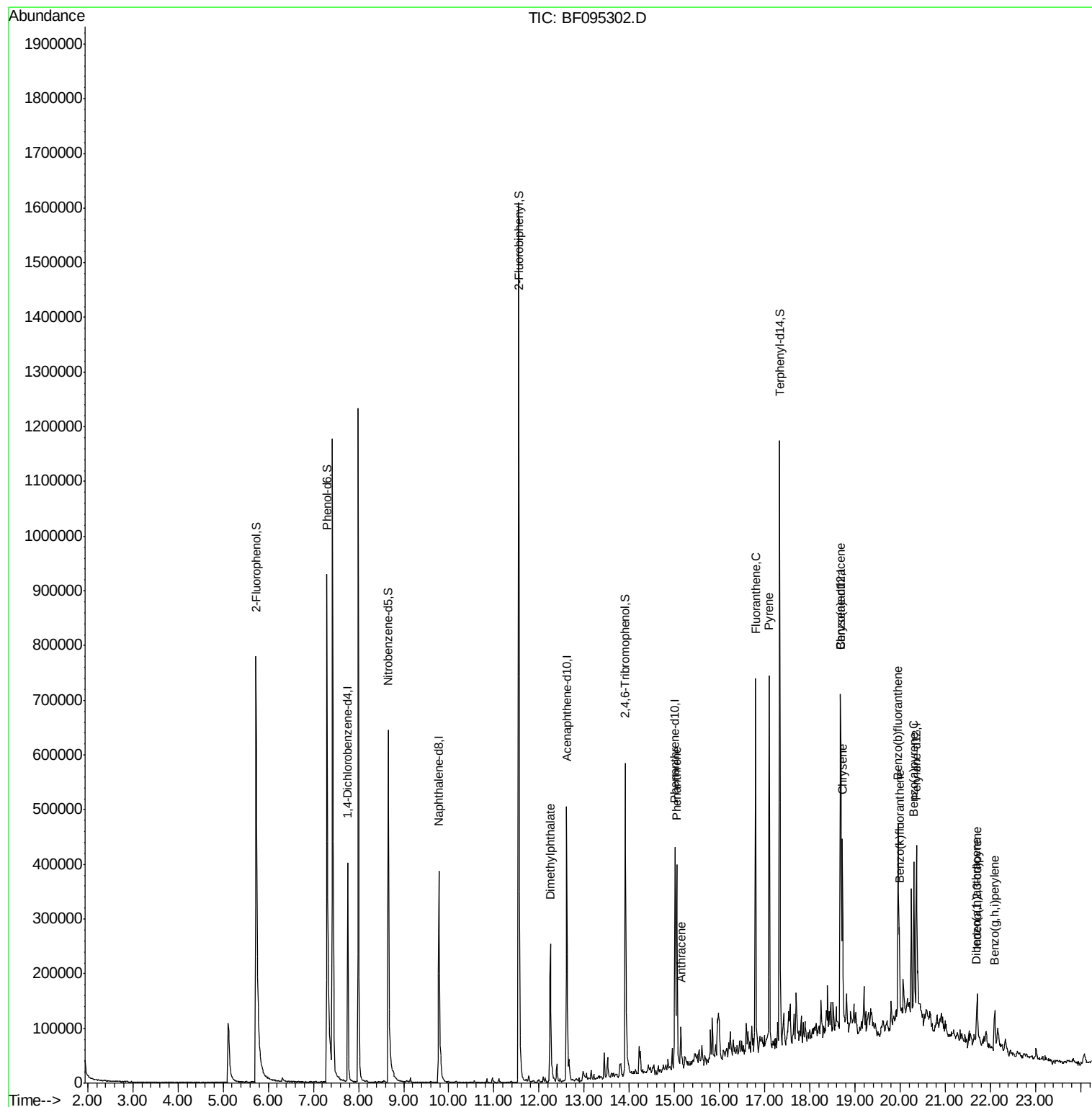
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
Data File : BF095302.D
Acq On : 20 May 2017 13:38
Operator : SJ/MA
Sample : I3186-12
Misc :
ALS Vial : 36 Sample Multiplier: 1

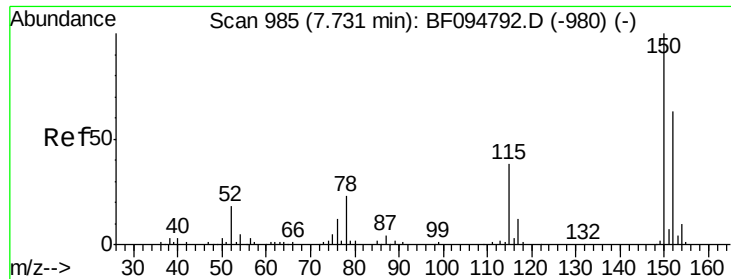
Instrument :
BNA_F
ClientSampled :
E2-S3-BASE

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Quant Time: May 22 04:31:07 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

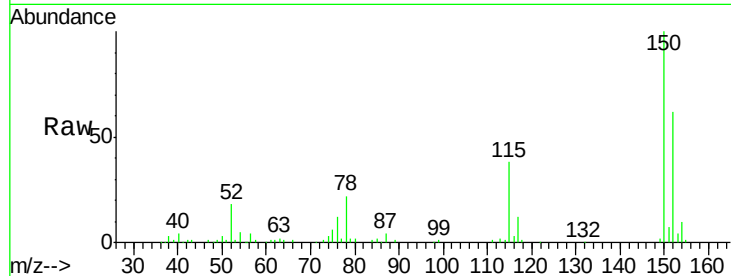
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095302.D
Acq: 20 May 2017 13:38

Instrument :
BNA_F
ClientSampleId :
E2-S3-BASE

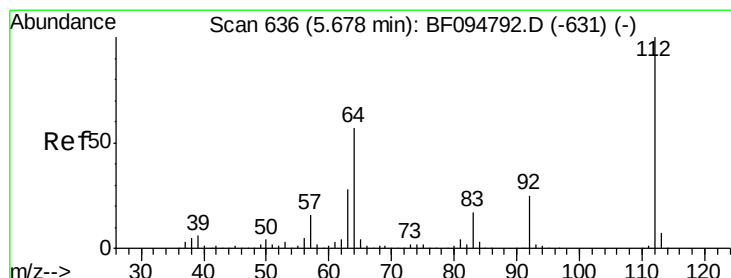
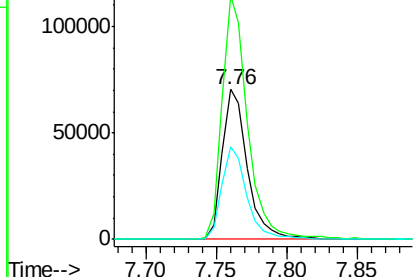
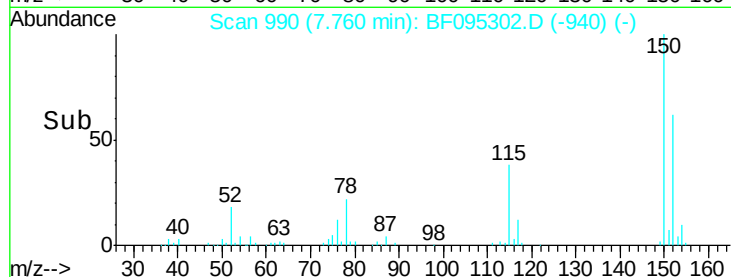
Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.3	126.2	189.2
115	61.9	52.2	78.2

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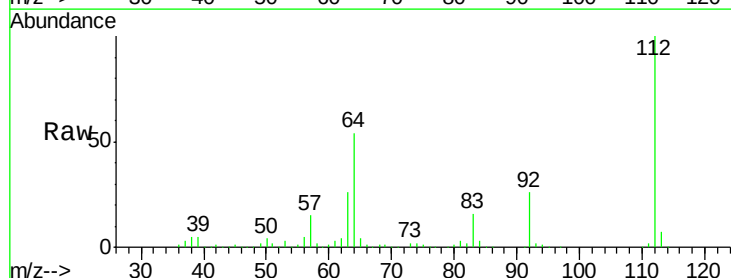
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



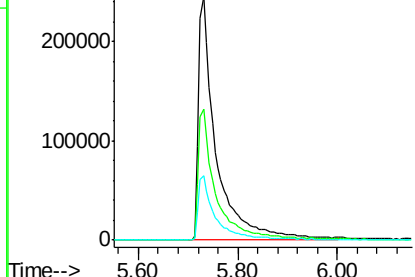
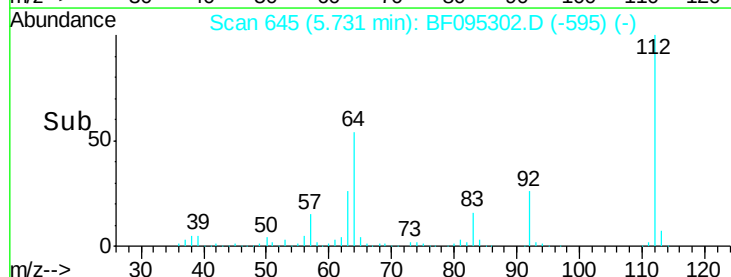
#5

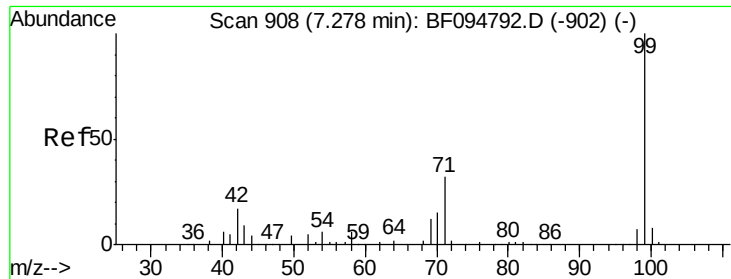
2-Fluorophenol
Concen: 115.34 ng
RT: 5.73 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF095302.D
Acq: 20 May 2017 13:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	46.0	69.0
63	26.3	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: 109.96 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095302.D

Acq: 20 May 2017 13:38

Instrument :

BNA_F

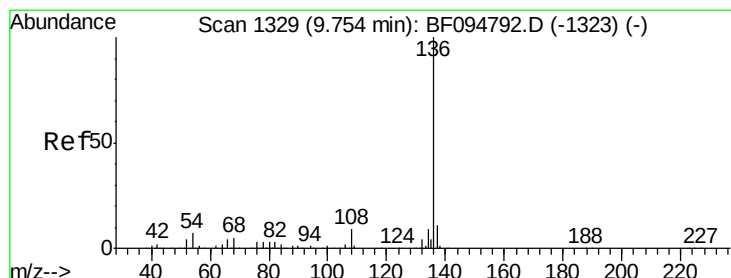
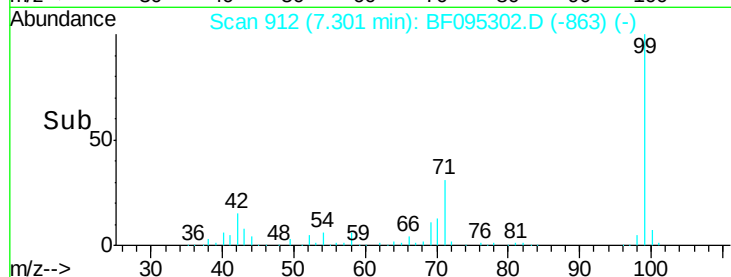
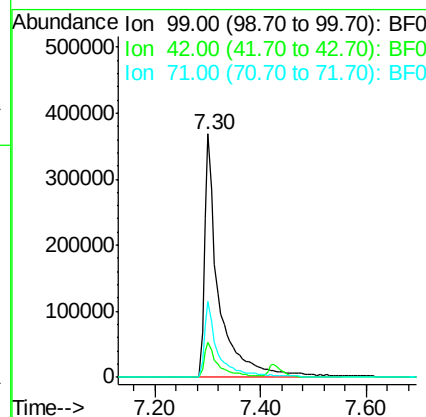
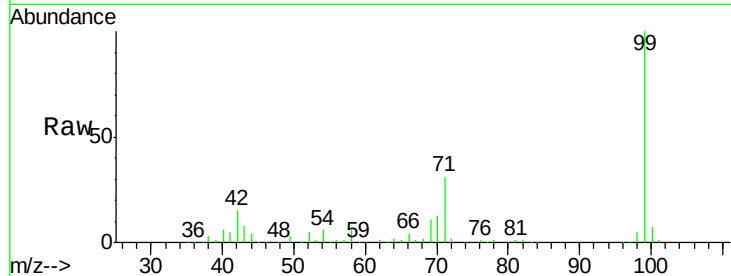
ClientSampleId :

E2-S3-BASE

Tgt Ion:	99	Resp:	695337
Ion Ratio	Lower	Upper	
99	100		
42	14.6	13.5	20.3
71	31.3	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

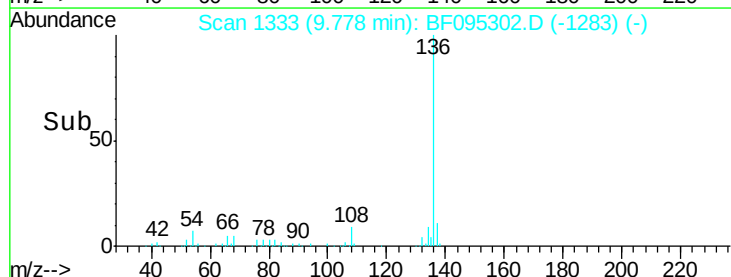
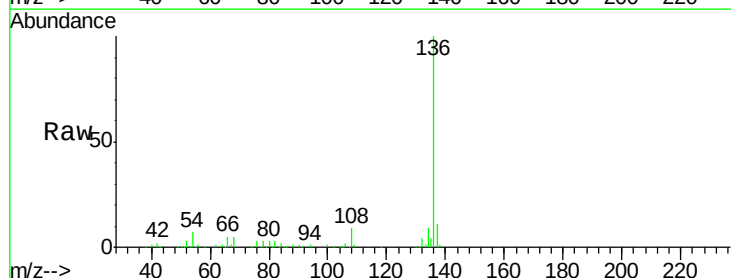
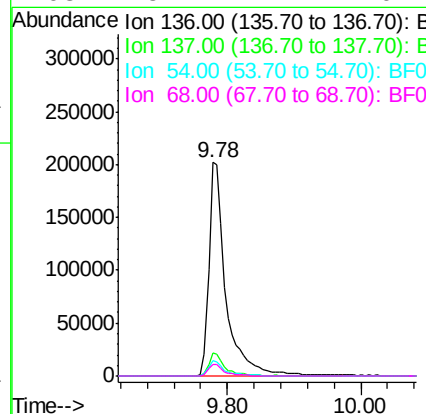
RT: 9.78 min Scan# 1333

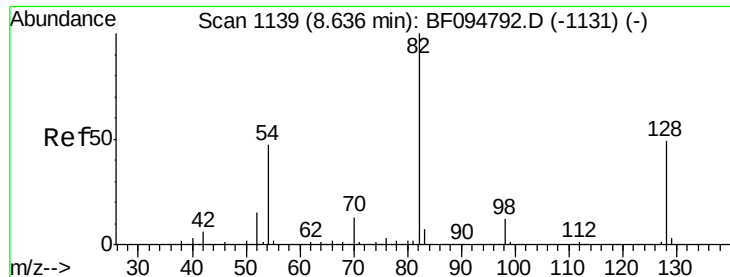
Delta R.T. -0.01 min

Lab File: BF095302.D

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Tgt Ion:	136	Resp:	356977
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	6.9	4.9	7.3
68	5.1	4.1	6.1





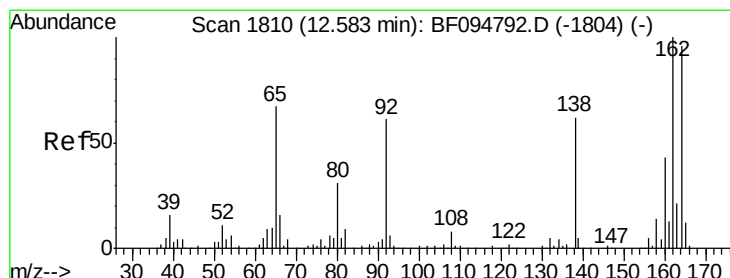
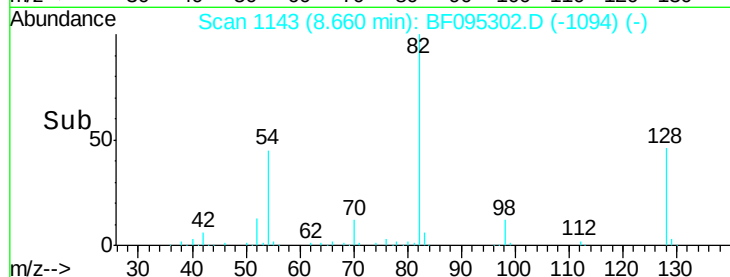
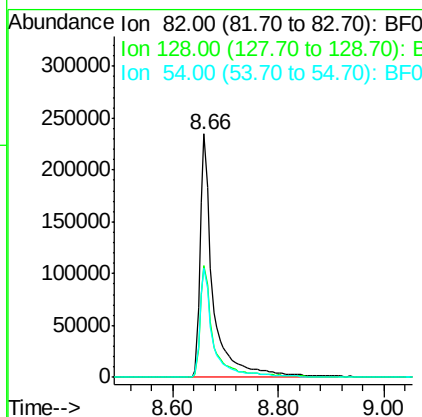
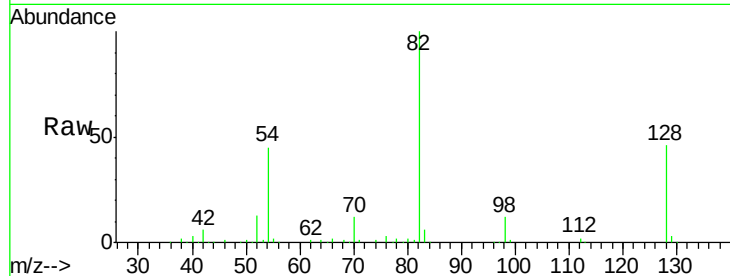
#23
 Nitrobenzene-d5
 Concen: 72.28 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095302.D
 Acq: 20 May 2017 13:38

Instrument :
 BNA_F
 ClientSampleId :
 E2-S3-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	409163		
128	45.9	34.0	51.0	
54	45.0	42.2	63.2	

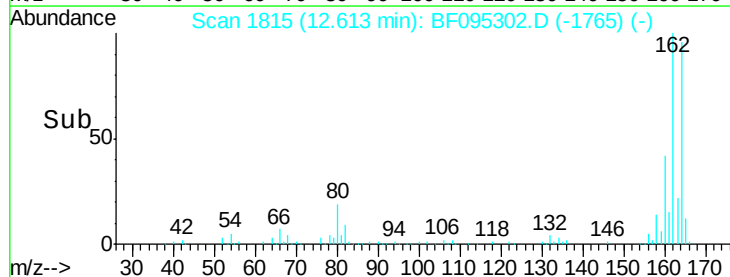
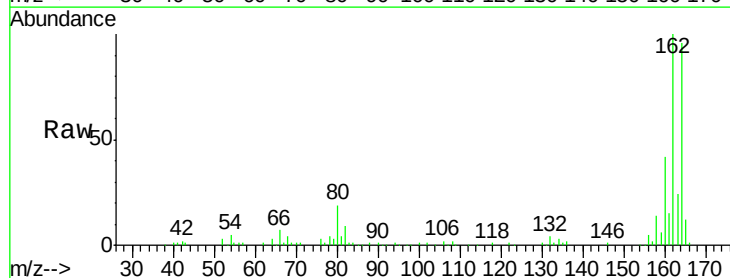
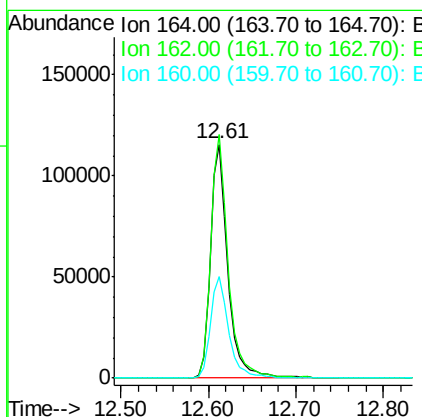
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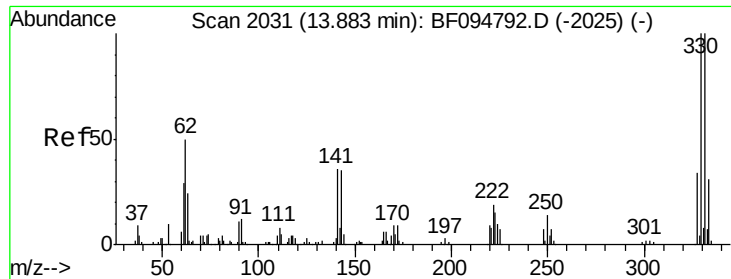
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095302.D
 Acq: 20 May 2017 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	158754		
162	104.3	82.6	123.8	
160	43.3	36.2	54.2	





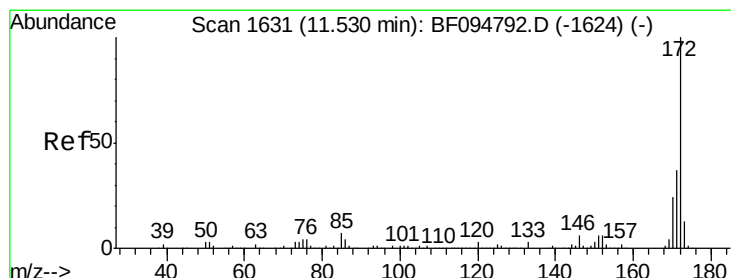
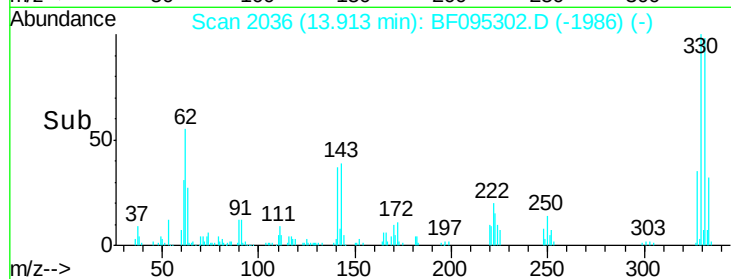
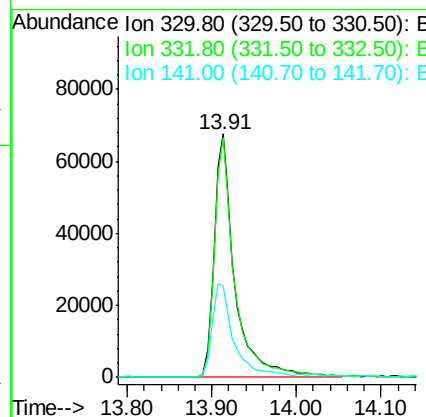
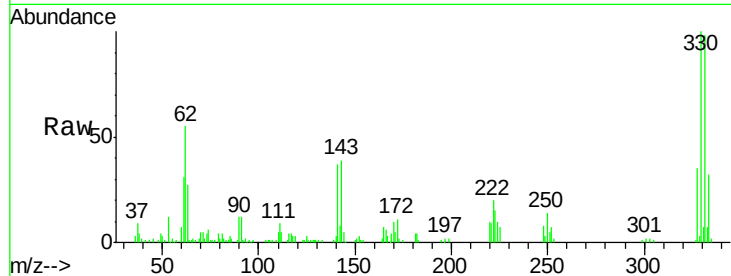
#41
 2,4,6-Tribromophenol
 Concen: 89.40 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095302.D
 Acq: 20 May 2017 13:38

Instrument :
 BNA_F
 ClientSampleId :
 E2-S3-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	116236		
332	97.6	76.6	115.0	
141	41.0	31.4	47.2	

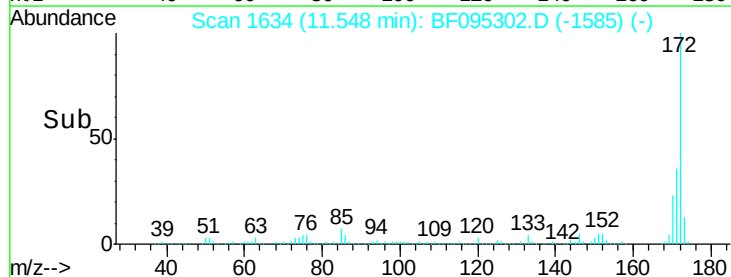
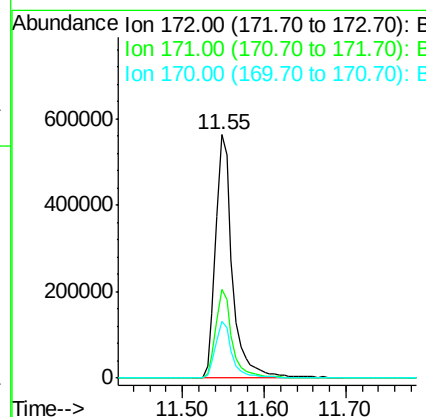
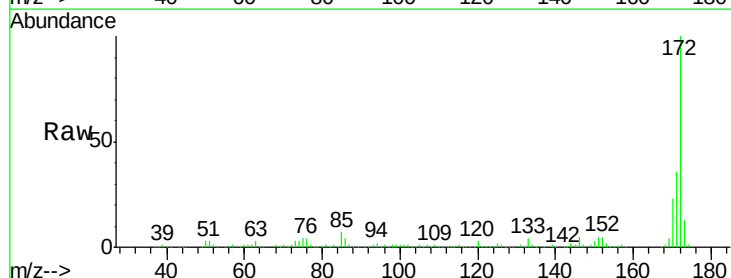
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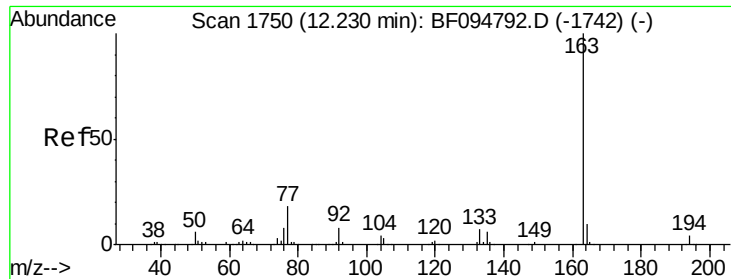
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#44
 2-Fluorobiphenyl
 Concen: 74.04 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095302.D
 Acq: 20 May 2017 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	816652		
171	36.3	29.6	44.4	
170	23.4	19.8	29.8	





#49

Dimethylphthalate

Concen: 15.03 ng

RT: 12.25 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF095302.D

Acq: 20 May 2017 13:38

Instrument :

BNA_F

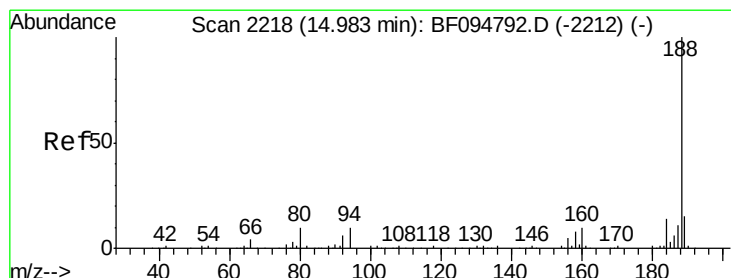
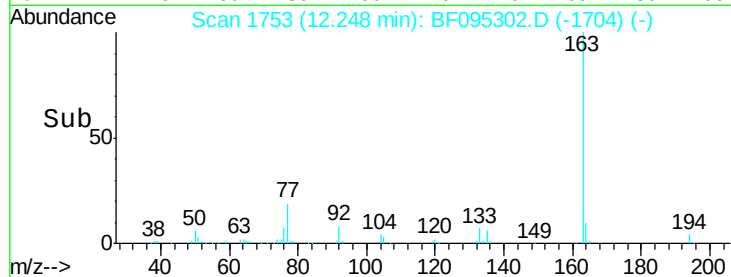
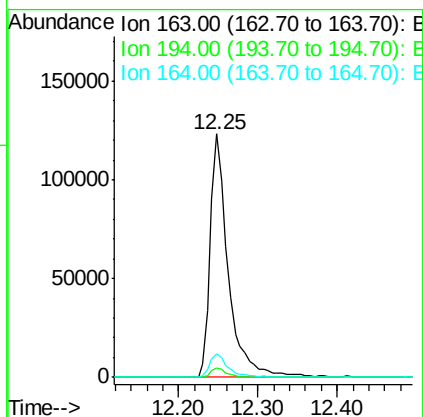
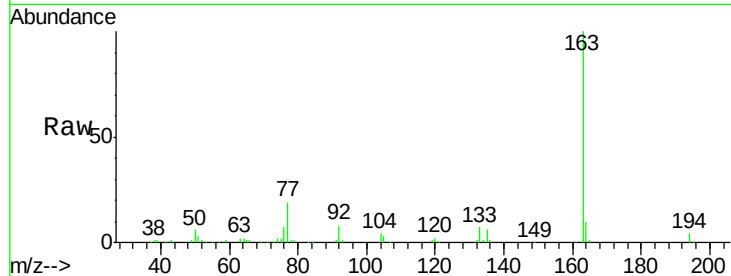
ClientSampleId :

E2-S3-BASE

Tgt Ion:	163	Resp:	195916
Ion Ratio		Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.7	8.4	12.6

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#63

Phenanthrene-d10

Concen: 20.00 ng

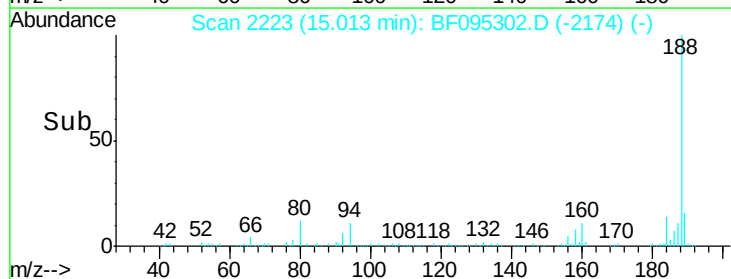
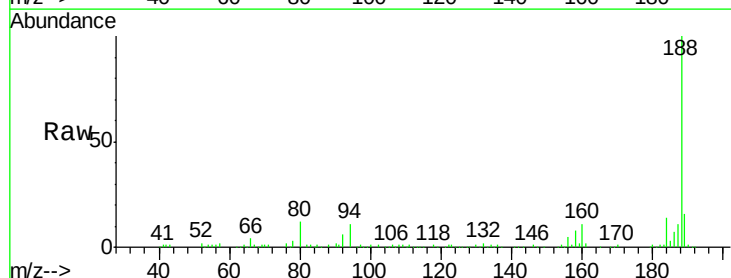
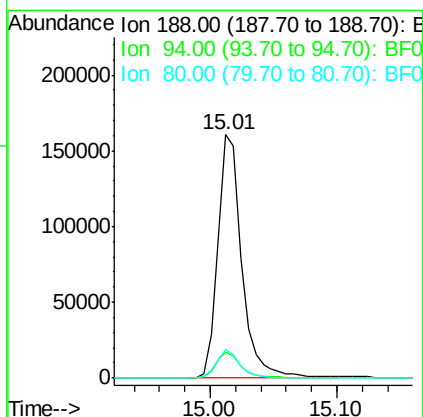
RT: 15.01 min Scan# 2223

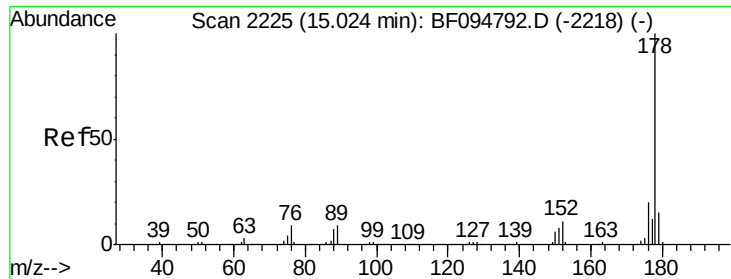
Delta R.T. -0.01 min

Lab File: BF095302.D

Acq: 20 May 2017 13:38

Tgt Ion:	188	Resp:	213691
Ion Ratio		Lower	Upper
188	100		
94	10.8	9.4	14.2
80	12.0	10.2	15.2





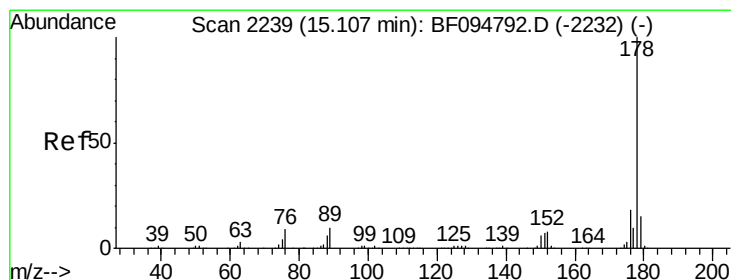
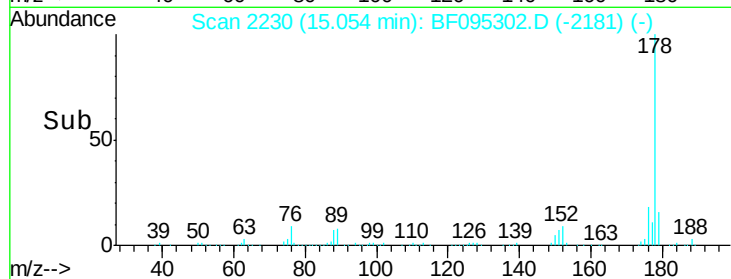
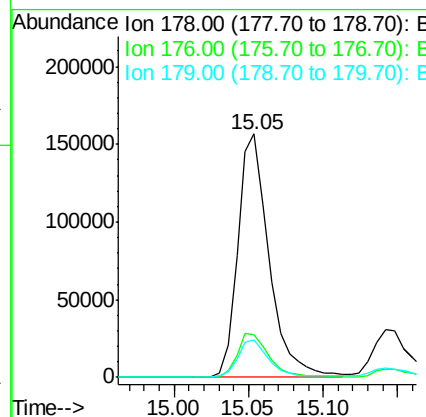
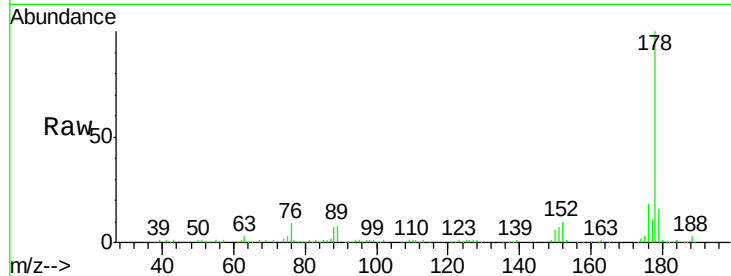
#70
Phenanthrene
Concen: 18.68 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095302.D
Acq: 20 May 2017 13:38

Instrument :
BNA_F
ClientSampleId :
E2-S3-BASE

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	16.2	24.4
179	15.6	12.6	19.0

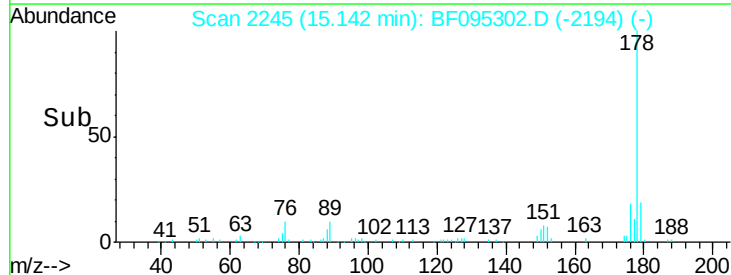
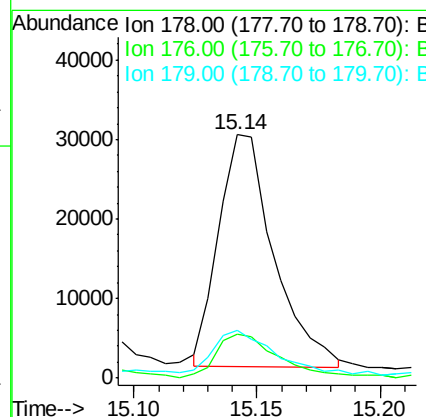
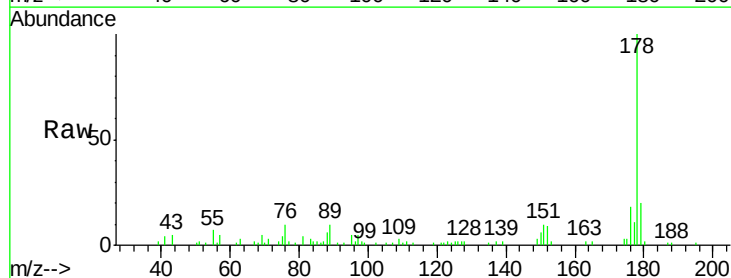
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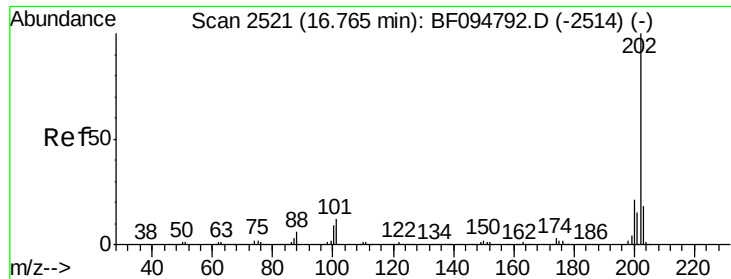
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#71
Anthracene
Concen: 3.61 ng m
RT: 15.14 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BF095302.D
Acq: 20 May 2017 13:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	19.7	12.7	19.1#





#74

Fluoranthene

Concen: 27.35 ng

RT: 16.79 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF095302.D

Acq: 20 May 2017 13:38

Instrument :

BNA_F

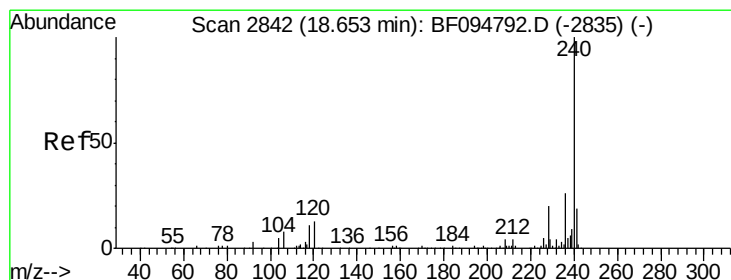
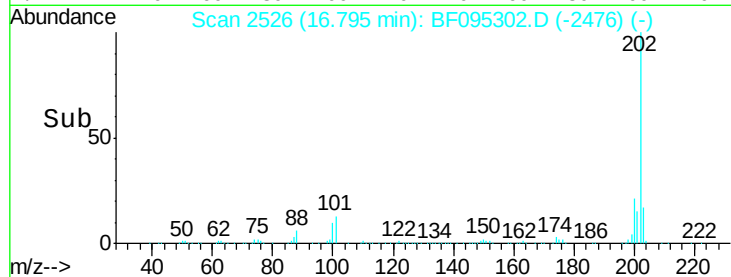
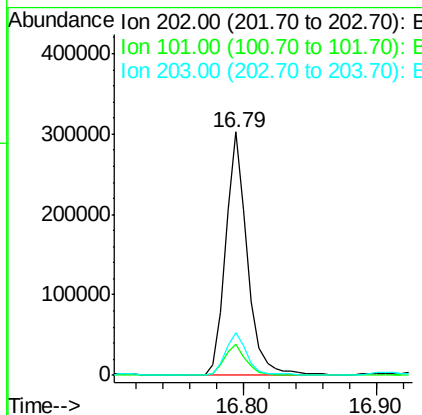
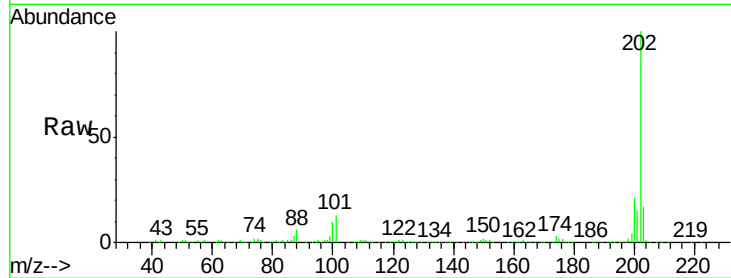
ClientSampleId :

E2-S3-BASE

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		344464		
101	13.0	0.0	33.2		
203	17.4	0.0	38.1		

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#75

Chrysene-d12

Concen: 20.00 ng

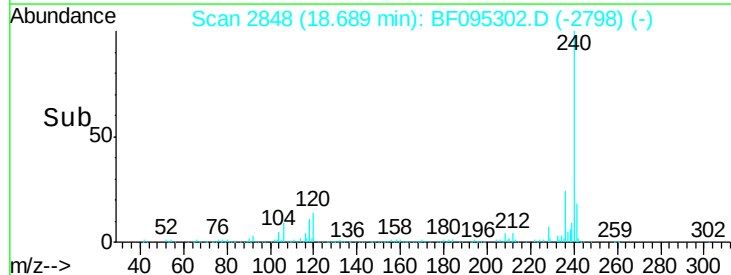
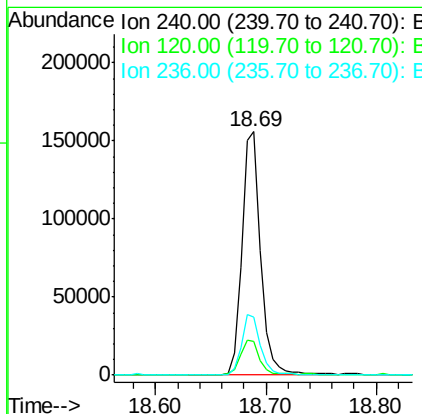
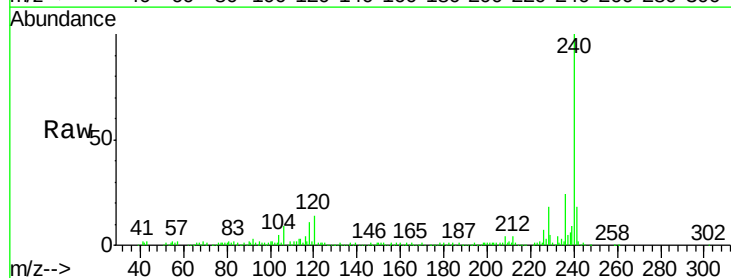
RT: 18.69 min Scan# 2848

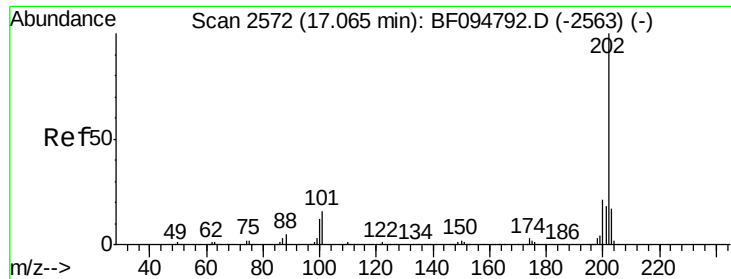
Delta R.T. -0.01 min

Lab File: BF095302.D

Acq: 20 May 2017 13:38

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		185916		
120	13.9	5.8	8.8#		
236	23.9	20.5	30.7		





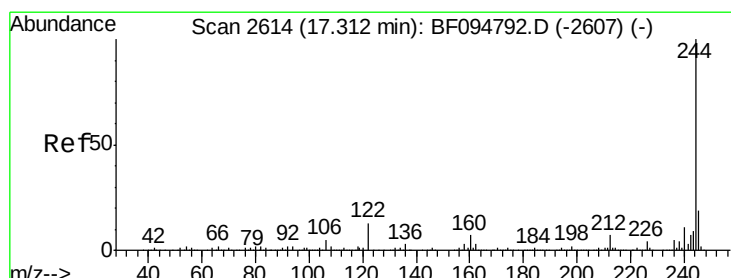
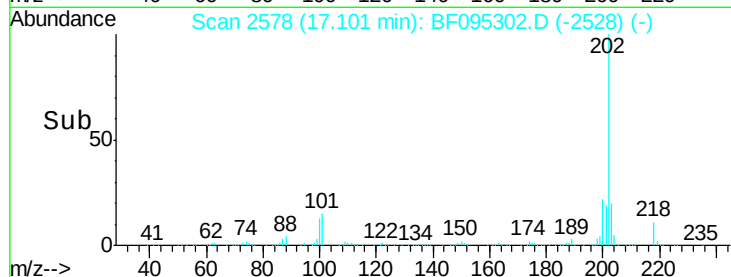
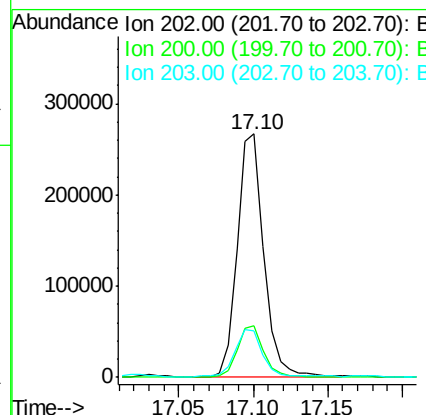
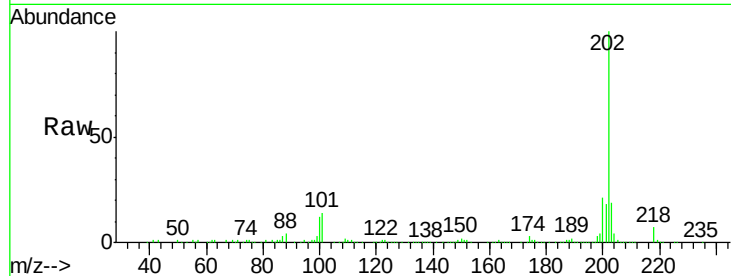
#77
 Pyrene
 Concen: 23.80 ng
 RT: 17.10 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: BF095302.D
 Acq: 20 May 2017 13:38

Instrument :
 BNA_F
 ClientSampleId :
 E2-S3-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	330881		
200	21.3		17.6	26.4
203	19.1		14.4	21.6

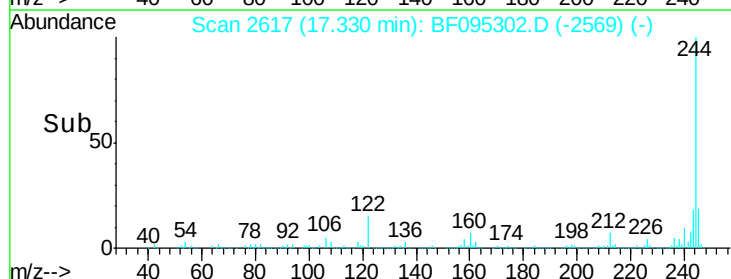
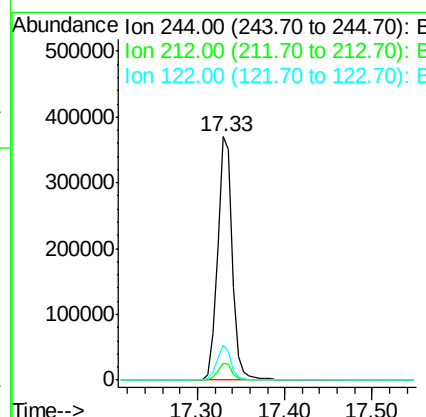
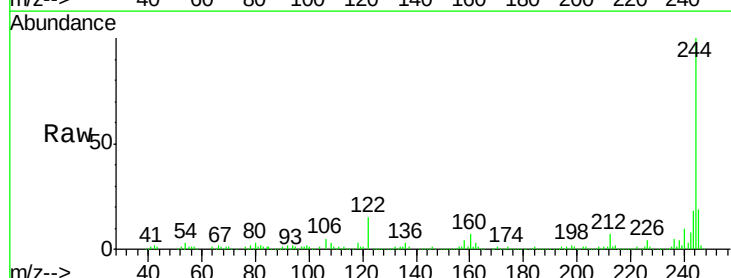
Manual Integrations
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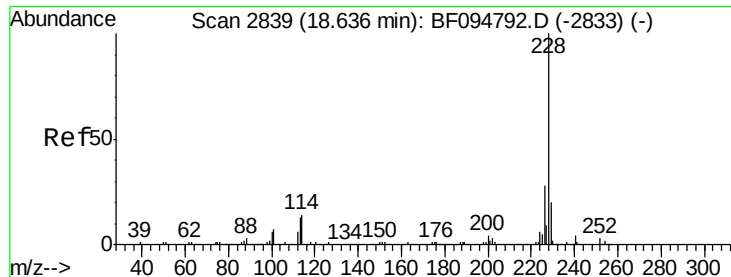
mohammad
 5/22/2017 1:30:36 PM



#78
 Terphenyl-d14
 Concen: 51.04 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095302.D
 Acq: 20 May 2017 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	430799		
212	7.1		6.0	9.0
122	14.6		10.3	15.5





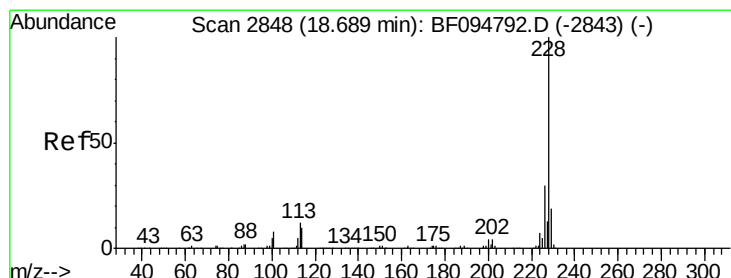
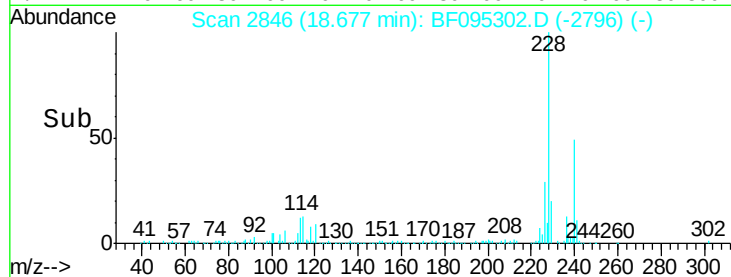
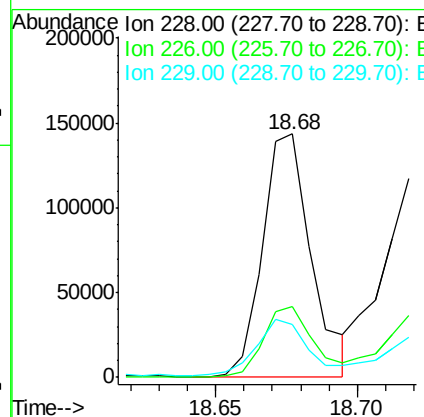
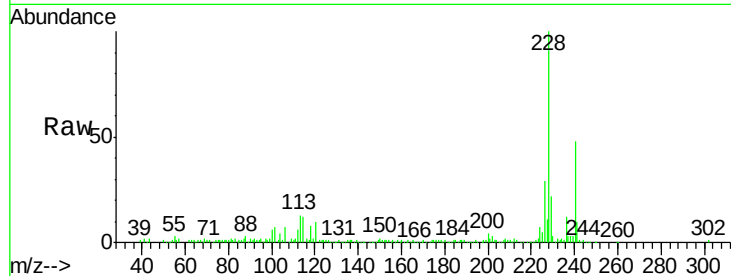
#80
Benzo(a)anthracene
Concen: 15.77 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF095302.D
Acq: 20 May 2017 13:38

Instrument :
BNA_F
ClientSampleId :
E2-S3-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	170606		
226	29.1	22.6	33.8	
229	21.8	16.3	24.5	

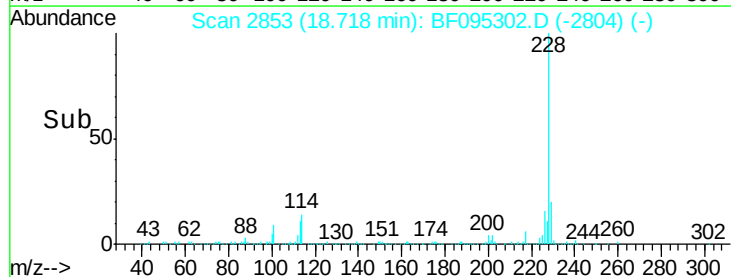
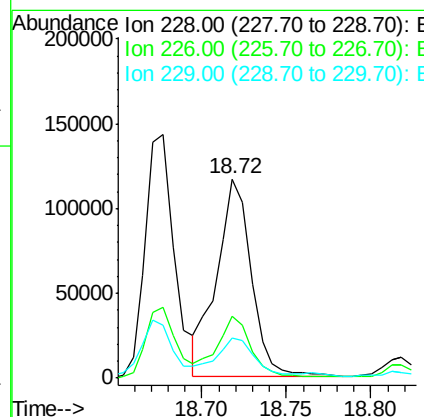
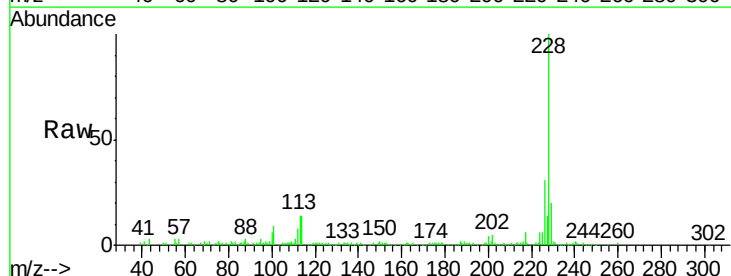
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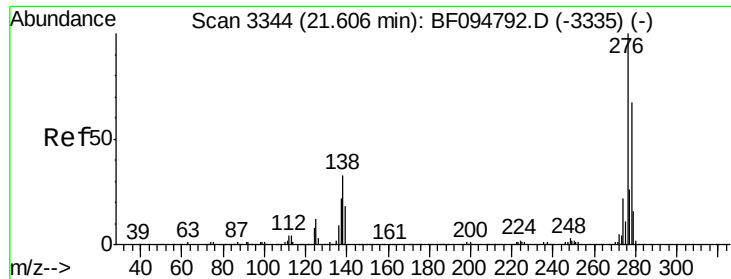
mohammad
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#82
Chrysene
Concen: 16.09 ng
RT: 18.72 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF095302.D
Acq: 20 May 2017 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	168386		
226	30.9	24.9	37.3	
229	20.2	15.8	23.6	





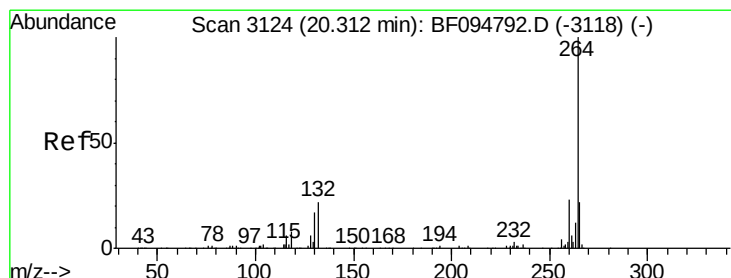
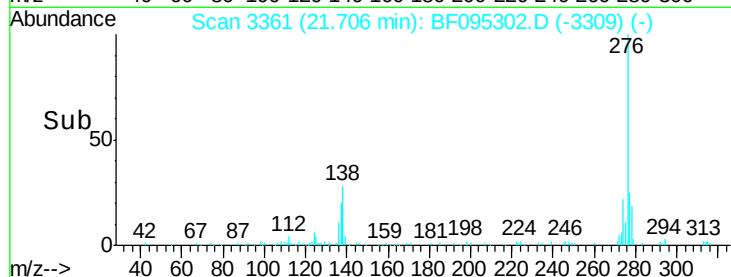
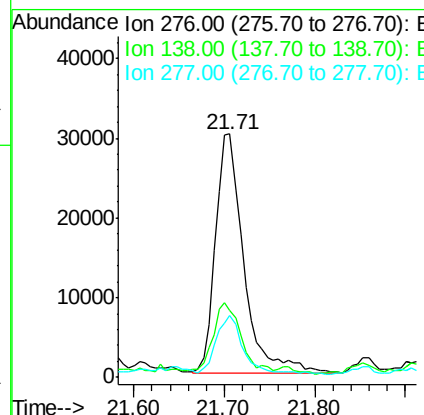
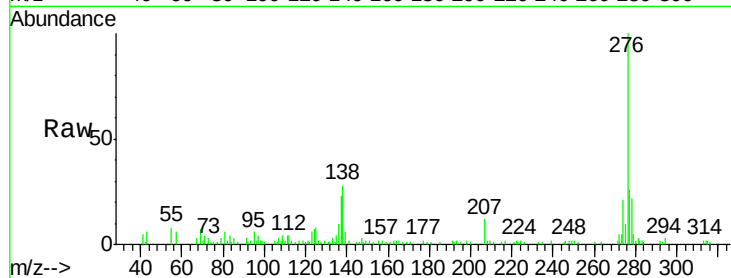
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.60 ng
 RT: 21.71 min Scan# 3361
 Delta R.T. 0.01 min
 Lab File: BF095302.D
 Acq: 20 May 2017 13:38

Instrument :
 BNA_F
 ClientSampleId :
 E2-S3-BASE

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	27.8	41.6
277	23.7	20.2	30.4

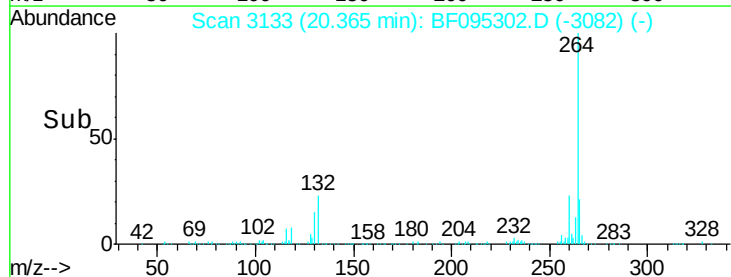
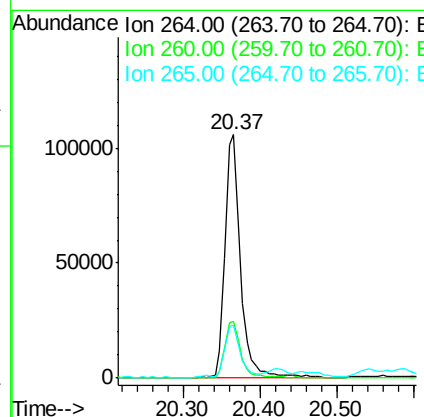
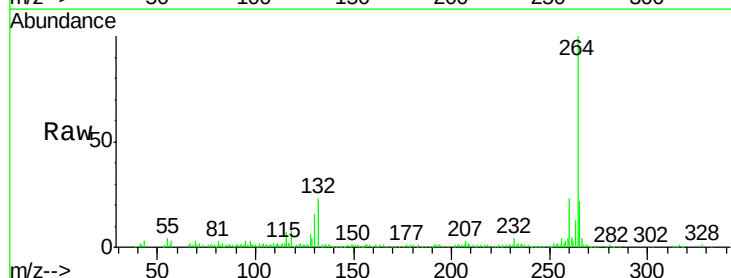
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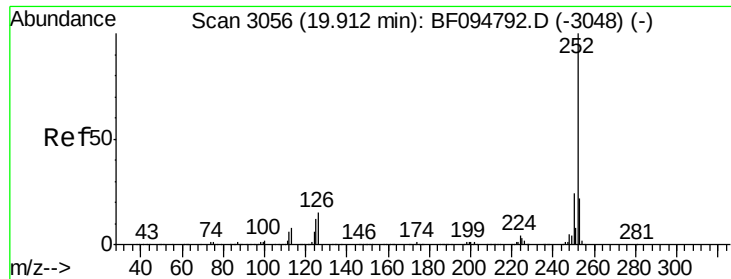
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095302.D
 Acq: 20 May 2017 13:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.0	17.2	25.8





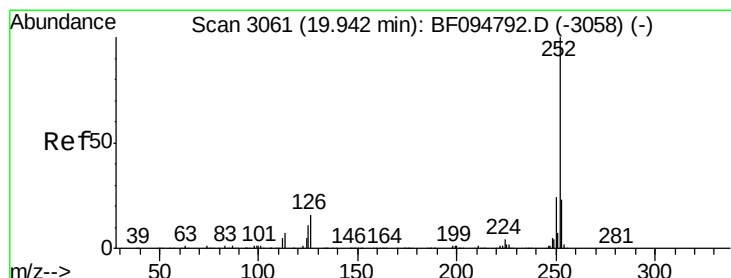
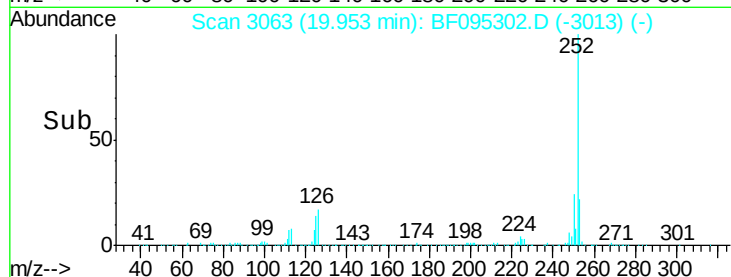
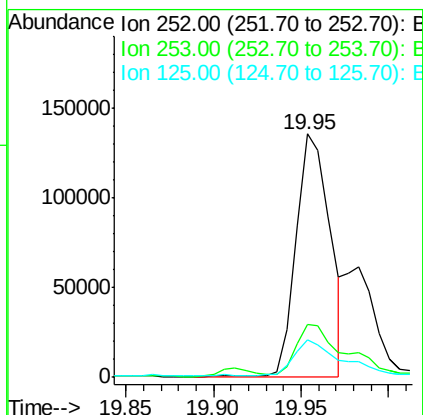
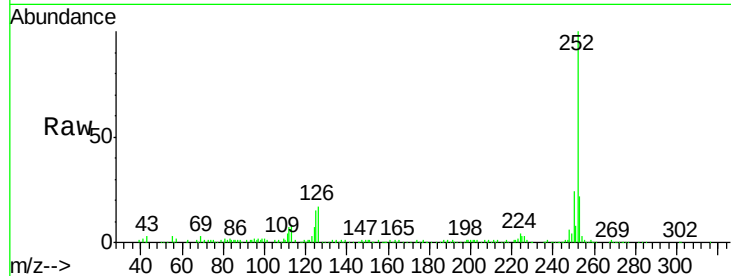
#87
Benzo(b)fluoranthene
Concen: 20.30 ng m
RT: 19.95 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095302.D
Acq: 20 May 2017 13:38

Instrument :
BNA_F
ClientSampleId :
E2-S3-BASE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	15.3	9.8	14.8

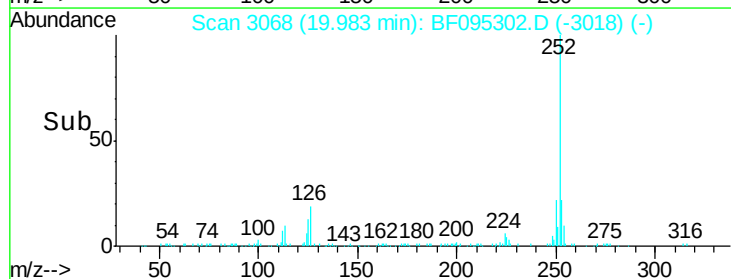
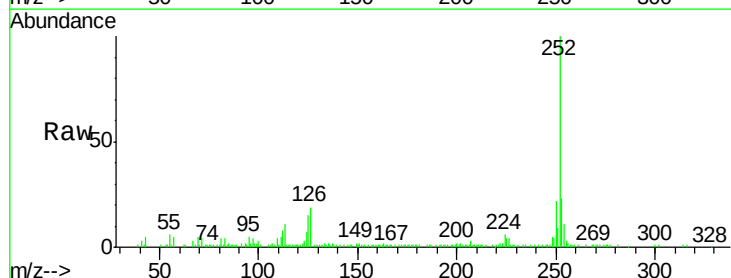
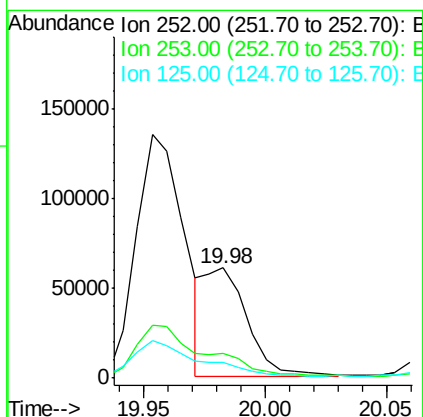
Manual Integrations
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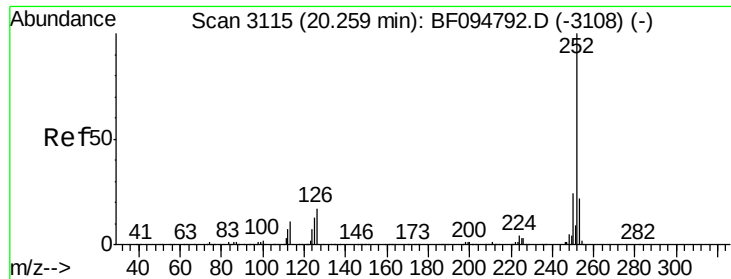
mohammad
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#88
Benzo(k)fluoranthene
Concen: 8.29 ng m
RT: 19.98 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BF095302.D
Acq: 20 May 2017 13:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	14.8	13.1	19.7





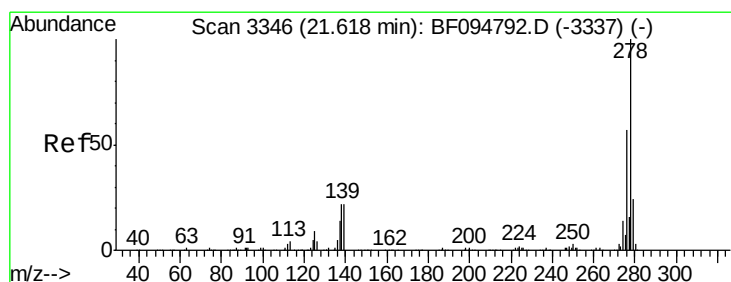
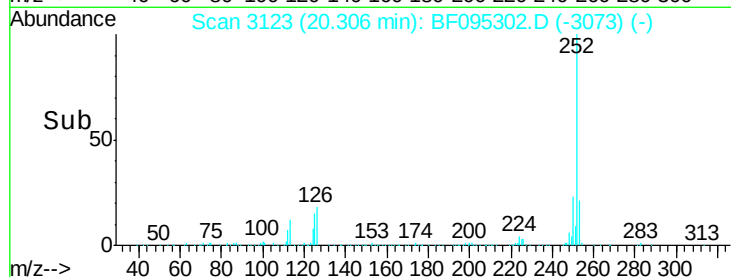
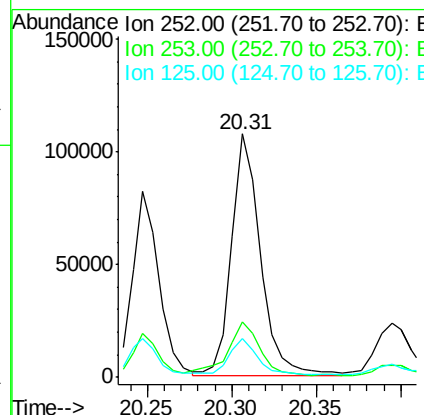
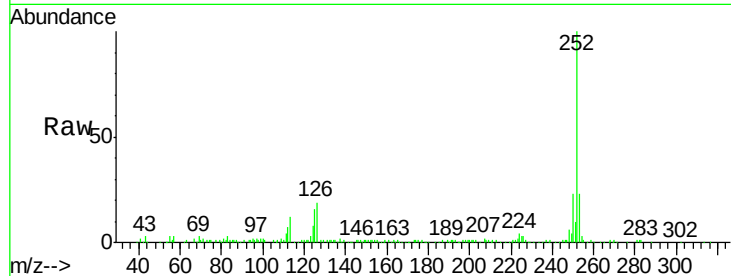
#89
Benzo(a)pyrene
Concen: 14.99 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095302.D
Acq: 20 May 2017 13:38

Instrument :
BNA_F
ClientSampleId :
E2-S3-BASE

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.5	17.5	26.3
125	15.9	11.0	16.4

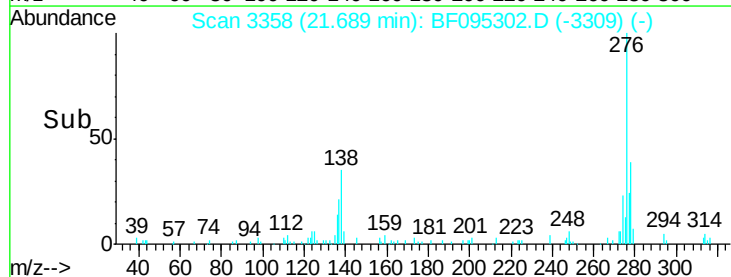
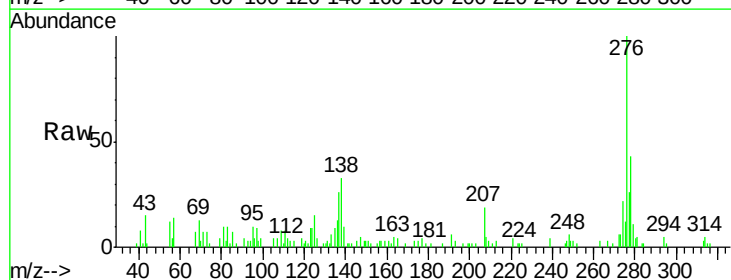
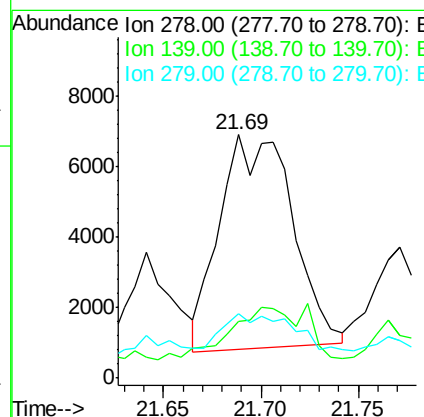
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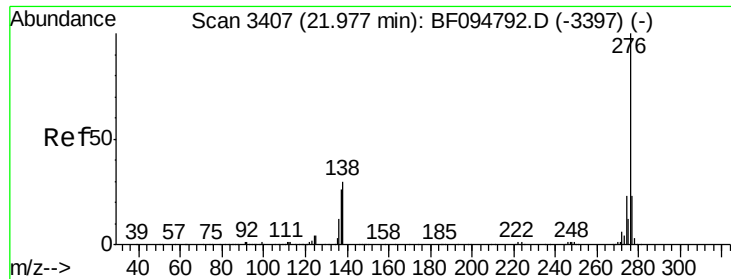
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 2.23 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095302.D
Acq: 20 May 2017 13:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	23.2	16.6	24.8
279	26.3	19.3	28.9





#91

Benzo(g,h,i)perylene

Concen: 9.10 ng

RT: 22.09 min Scan# 3427

Delta R.T. 0.01 min

Lab File: BF095302.D

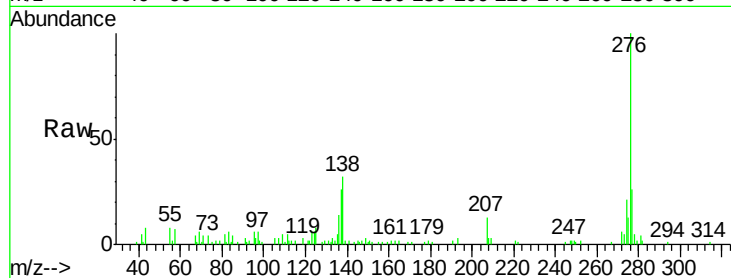
Acq: 20 May 2017 13:38

Instrument :

BNA_F

ClientSampleId :

E2-S3-BASE



Tgt Ion:	276	Resp:	62565
Ion Ratio		Lower	Upper
276	100		
277	26.4	18.6	28.0
138	32.3	25.4	38.0

Manual Integrations
APPROVED

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