

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095648.D
 Acq On : 2 Jun 2017 22:45
 Operator : SJ/MA
 Sample : I3440-03 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-RO-5078-060117

Manual Integrations
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Quant Time: Jun 05 11:55:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	82200	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	335550	20.00	ng	0.00
38) Acenaphthene-d10	12.40	164	146893	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	219232	20.00	ng	0.00
75) Chrysene-d12	18.50	240	173044	20.00	ng	0.00
86) Perylene-d12	20.17	264	131837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	97836	19.84	ng	0.03
7) Phenol-d6	7.12	99	127034	21.47	ng	0.02
23) Nitrobenzene-d5	8.46	82	69399	13.04	ng	0.00
41) 2,4,6-Tribromophenol	13.70	330	23223	19.30	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	158528	15.53	ng	0.00
78) Terphenyl-d14	17.16	244	96192	12.24	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.04	163	38359	3.18	ng	Qvalue # 97
70) Phenanthrene	14.84	178	37940	3.01	ng	94
77) Pyrene	16.92	202	96352	7.45	ng	95
80) Benzo(a)anthracene	18.49	228	51866	5.15	ng	97
82) Chrysene	18.53	228	49536	5.09	ng	98
85) Indeno(1,2,3-cd)pyrene	21.44	276	19129	2.42	ng	99
87) Benzo(b)fluoranthene	19.77	252	58164m	7.14	ng	
88) Benzo(k)fluoranthene	19.80	252	20479m	2.61	ng	
89) Benzo(a)pyrene	20.13	252	39262	5.22	ng	# 88
91) Benzo(g,h,i)perylene	21.80	276	19566	3.21	ng	# 89

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

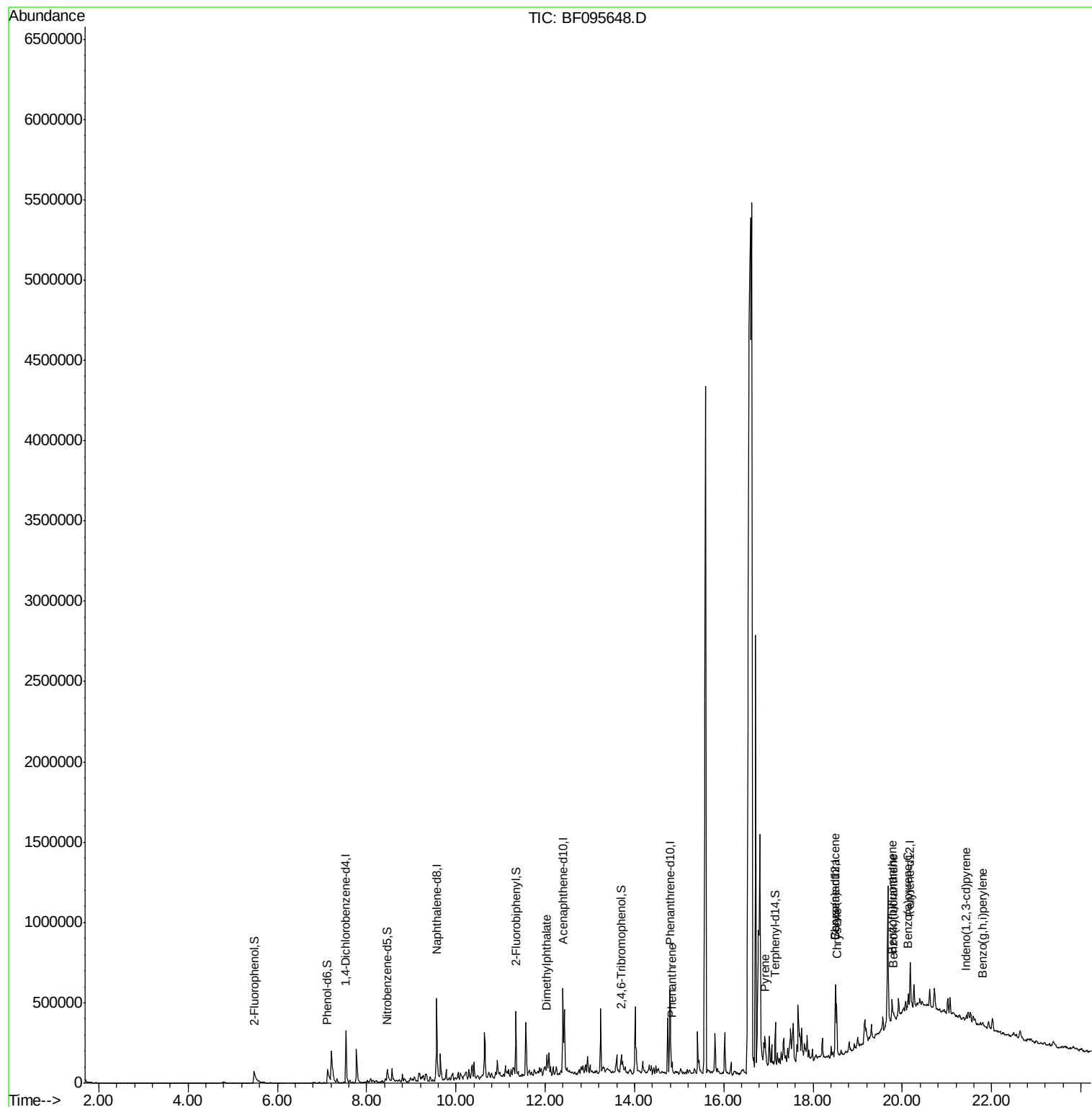
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
Data File : BF095648.D
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Operator : SJ/MA
Sample : I3440-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

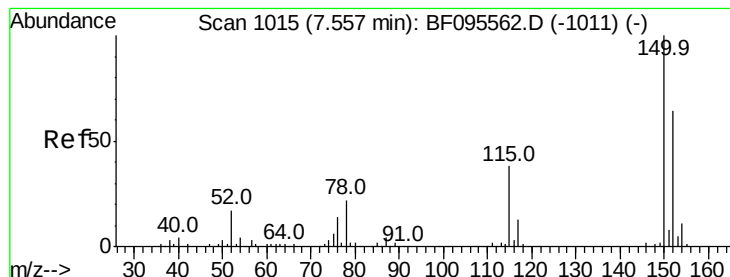
Instrument :
BNA_F
ClientSampleId :
EO-02-RO-5078-060117

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#1

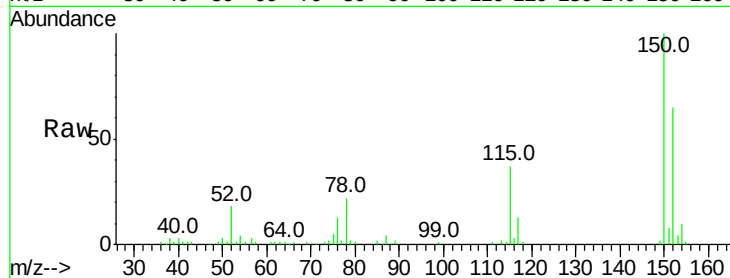
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095648.D
Acq: 2 Jun 2017 22:45

Instrument :
BNA_F
ClientSampleId :
EO-02-RO-5078-060117

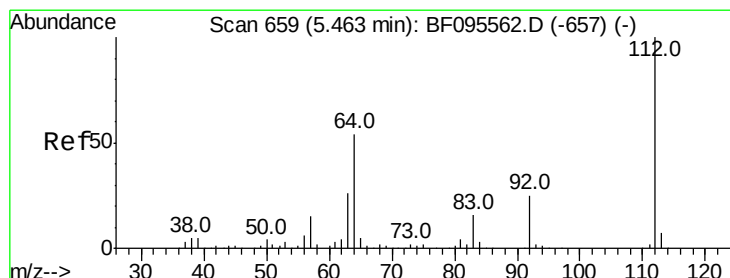
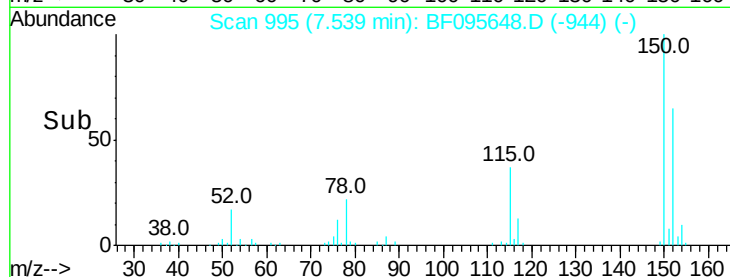
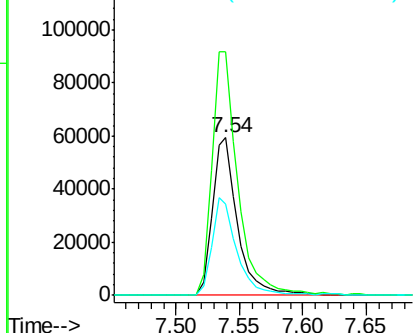
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.2	189.2
115	57.9	52.2	78.2

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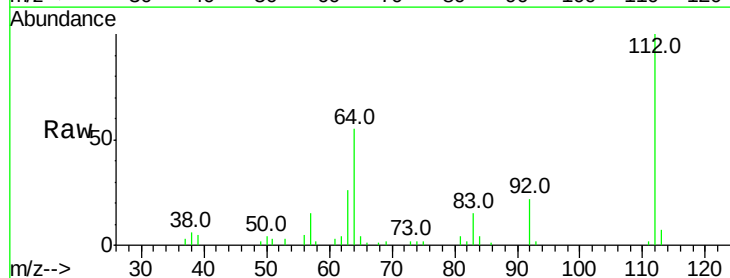
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



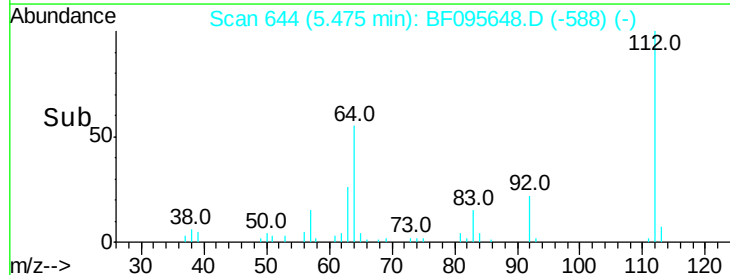
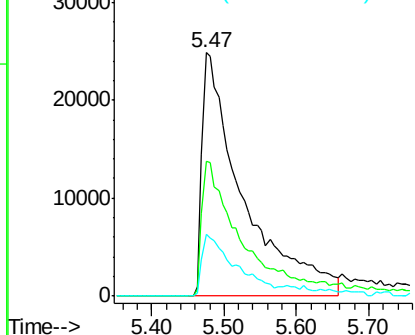
#5

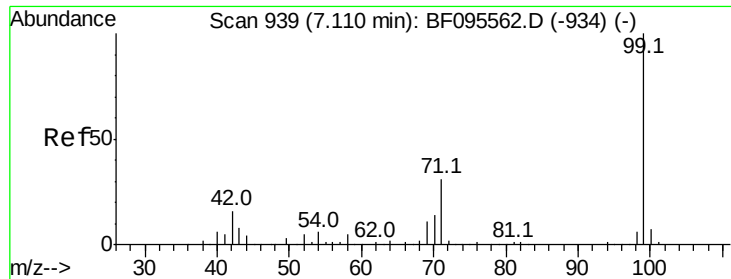
2-Fluorophenol
Concen: 19.84 ng
RT: 5.47 min Scan# 644
Delta R.T. 0.03 min
Lab File: BF095648.D
Acq: 2 Jun 2017 22:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	46.0	69.0
63	25.6	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 21.47 ng

RT: 7.12 min Scan# 924

Delta R.T. 0.02 min

Lab File: BF095648.D

Acq: 2 Jun 2017 22:45

Instrument :

BNA_F

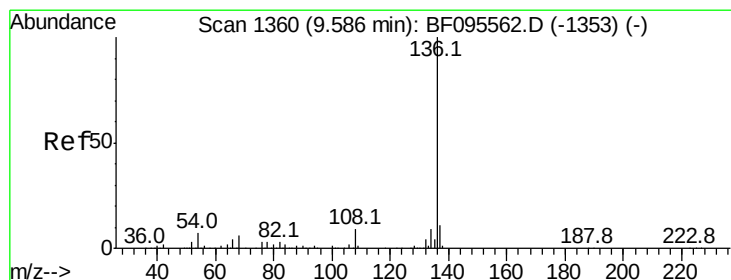
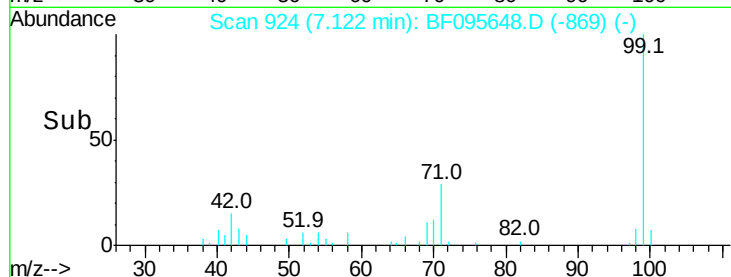
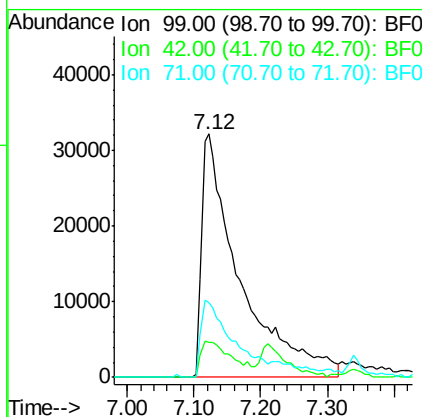
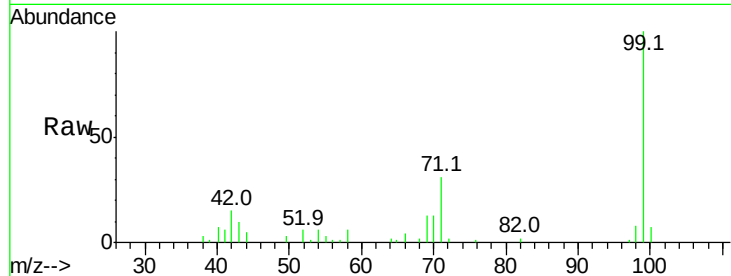
ClientSampleId :

EO-02-RO-5078-060117

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		127034		
42	14.6	13.5	20.3		
71	30.5	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

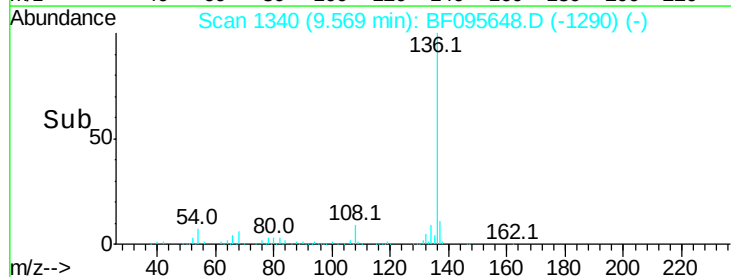
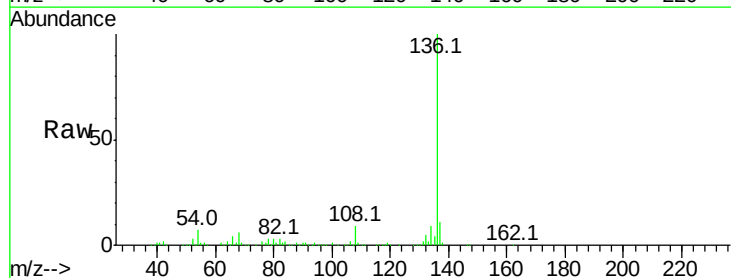
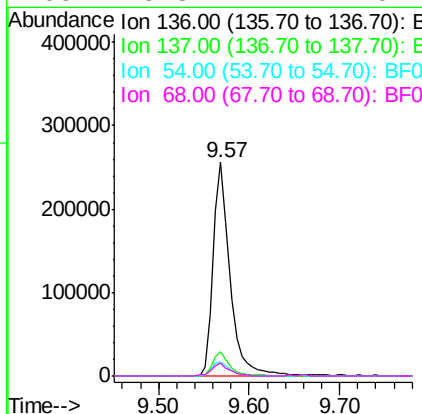
RT: 9.57 min Scan# 1340

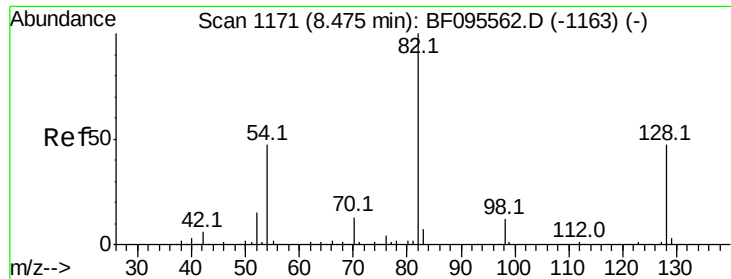
Delta R.T. -0.01 min

Lab File: BF095648.D

Acq: 2 Jun 2017 22:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		335550		
137	11.3	8.5	12.7		
54	6.7	4.9	7.3		
68	5.8	4.1	6.1		





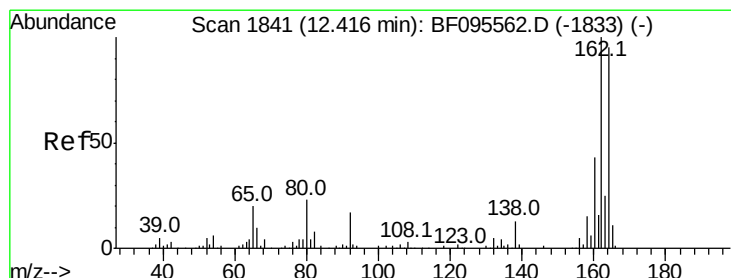
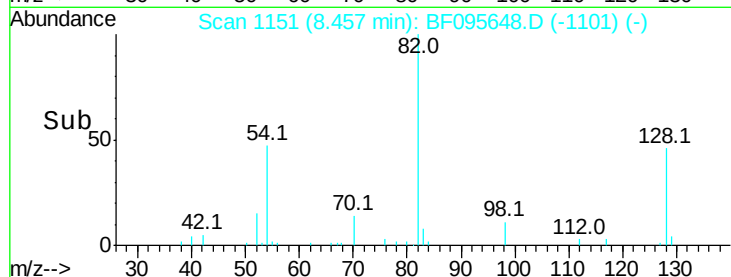
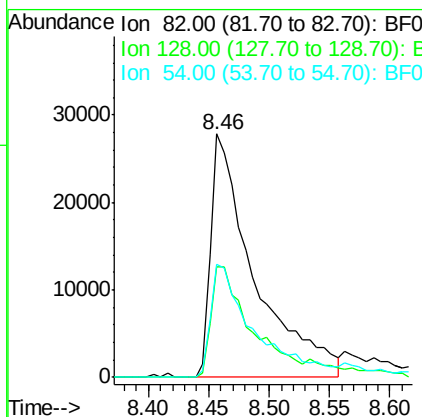
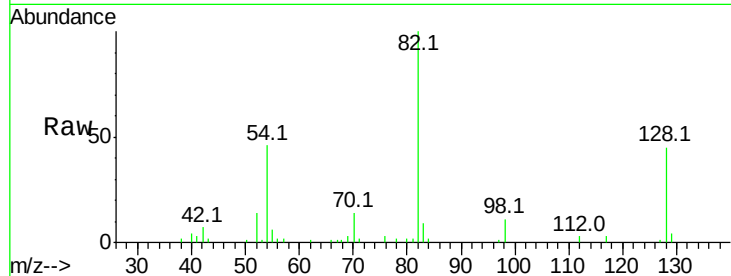
#23
 Nitrobenzene-d5
 Concen: 13.04 ng
 RT: 8.46 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF095648.D
 Acq: 2 Jun 2017 22:45

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-RO-5078-060117

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.0	51.0
54	46.3	42.2	63.2

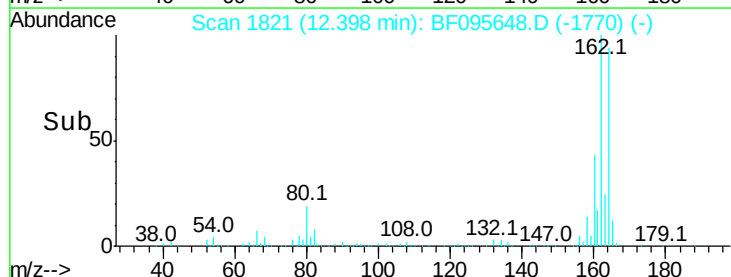
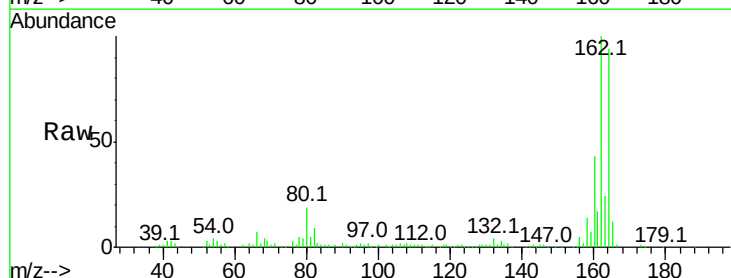
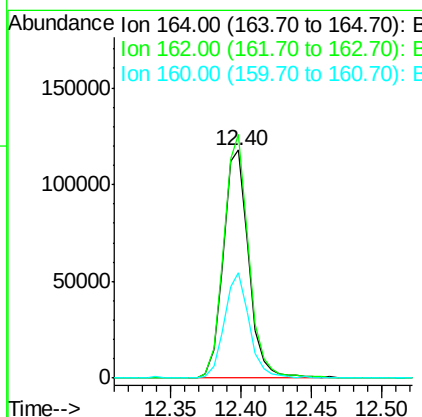
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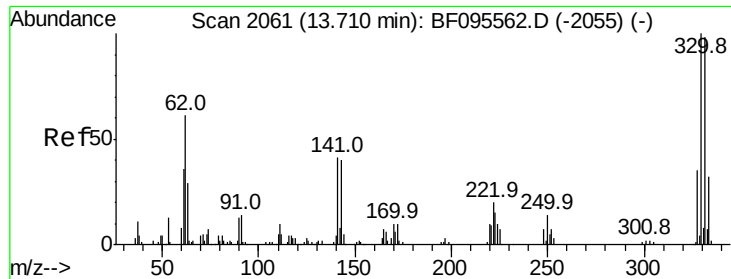
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.40 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BF095648.D
 Acq: 2 Jun 2017 22:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	82.6	123.8
160	46.4	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 19.30 ng

RT: 13.70 min Scan# 2043

Delta R.T. 0.01 min

Lab File: BF095648.D

Acq: 2 Jun 2017 22:45

Instrument :

BNA_F

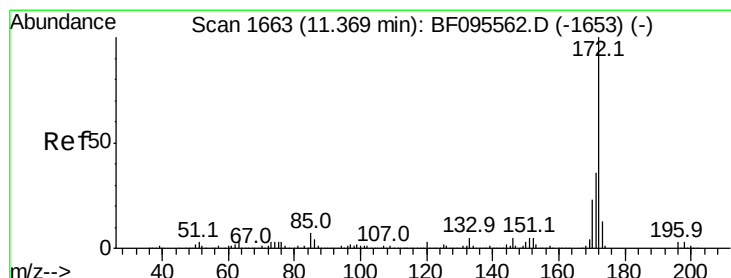
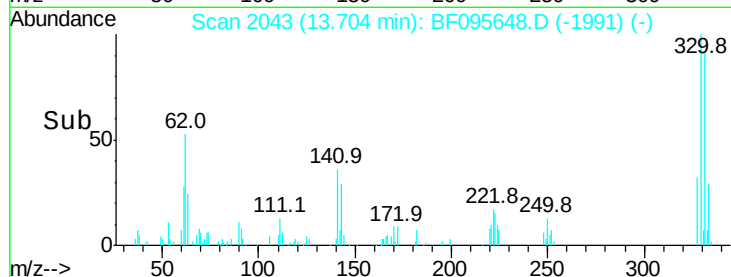
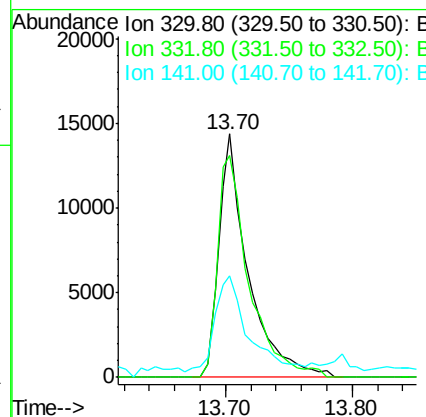
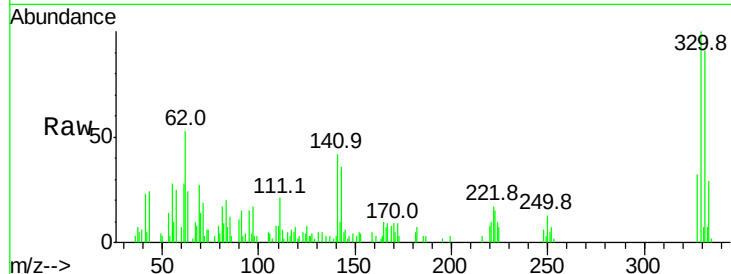
ClientSampleId :

EO-02-RO-5078-060117

Tot Ion:	330	Resp:	23223
Ion Ratio	Lower	Upper	
330	100		
332	97.7	76.6	115.0
141	43.3	31.4	47.2

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#44

2-Fluorobiphenyl

Concen: 15.53 ng

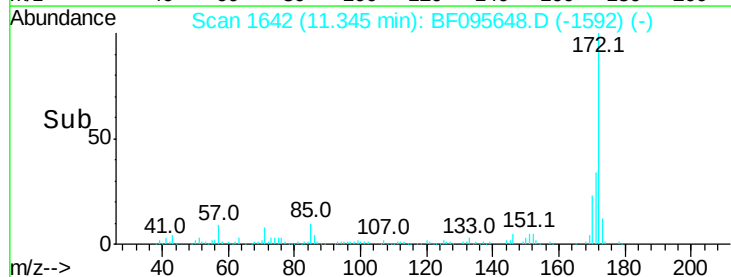
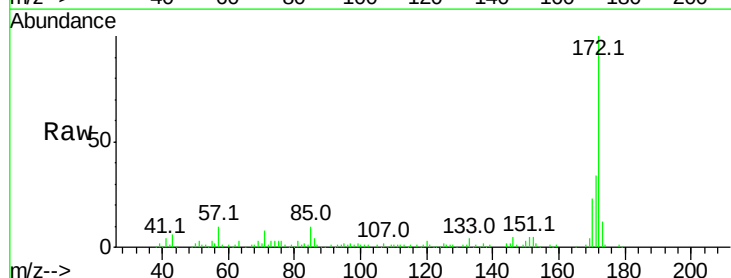
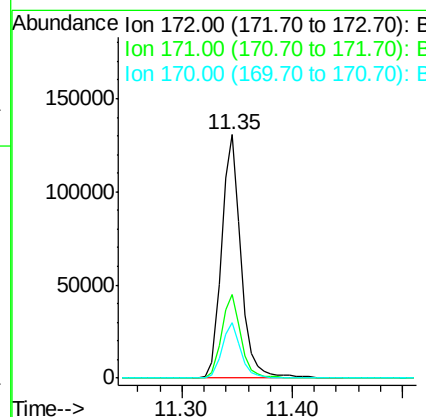
RT: 11.35 min Scan# 1642

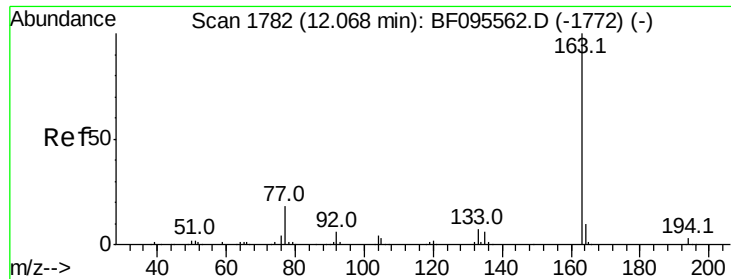
Delta R.T. -0.01 min

Lab File: BF095648.D

Acq: 2 Jun 2017 22:45

Tgt Ion:	172	Resp:	158528
Ion Ratio	Lower	Upper	
172	100		
171	34.2	29.6	44.4
170	22.9	19.8	29.8





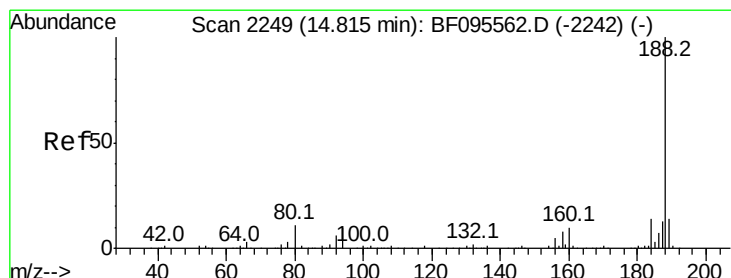
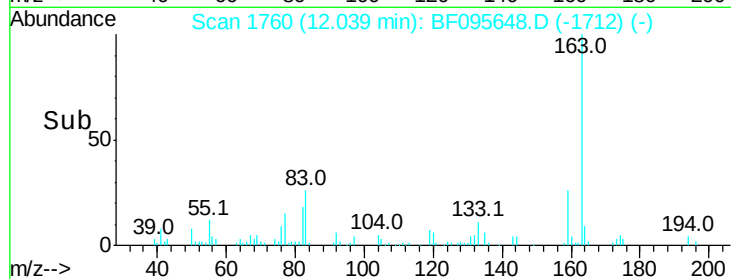
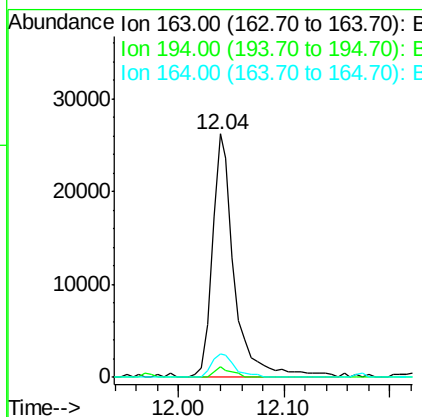
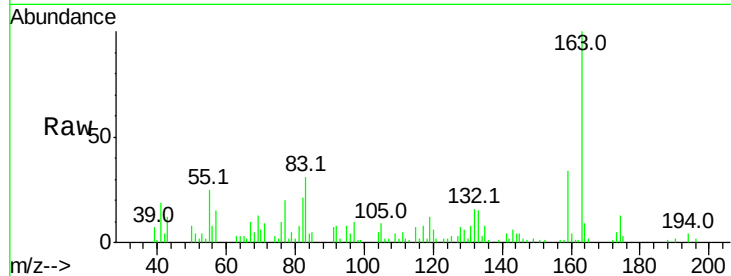
#49
Dimethylphthalate
Concen: 3.18 ng
RT: 12.04 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF095648.D
Acq: 2 Jun 2017 22:45

Instrument :
BNA_F
ClientSampleId :
EO-02-RO-5078-060117

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.6	4.0#
164	9.5	8.4	12.6

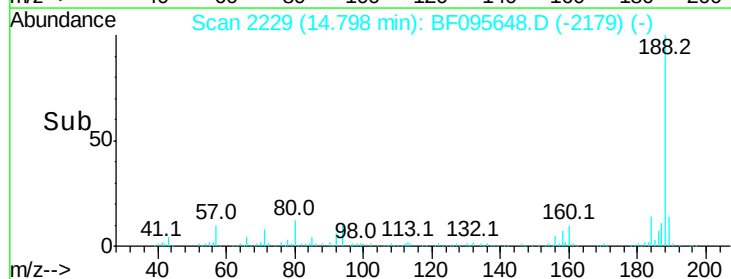
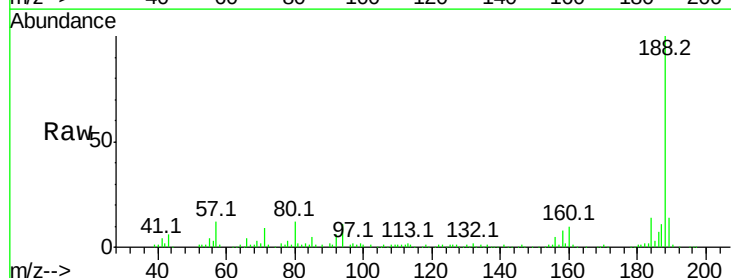
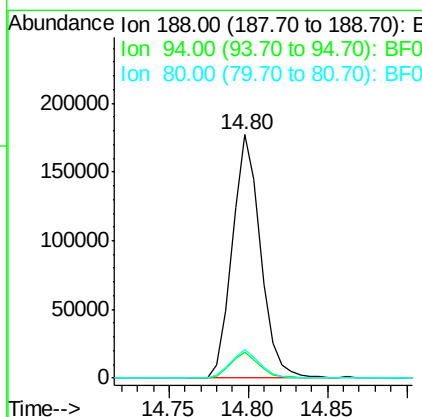
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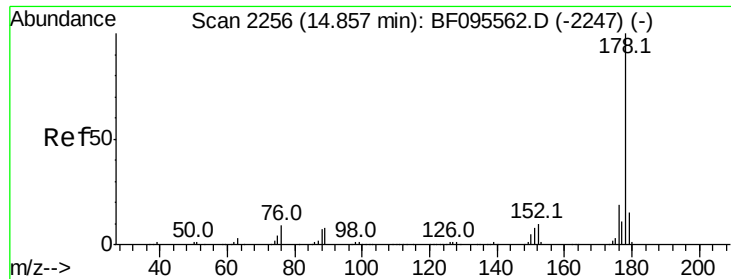
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095648.D
Acq: 2 Jun 2017 22:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.8	10.2	15.2





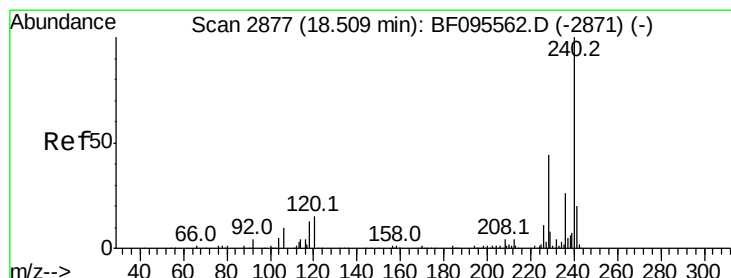
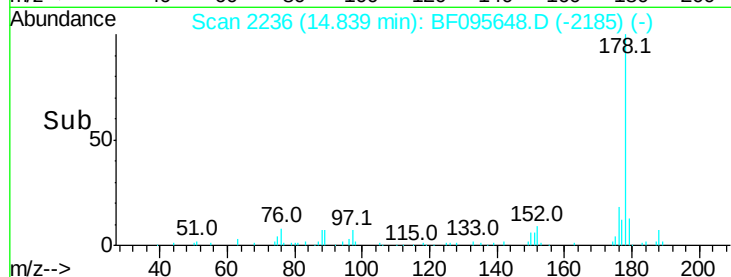
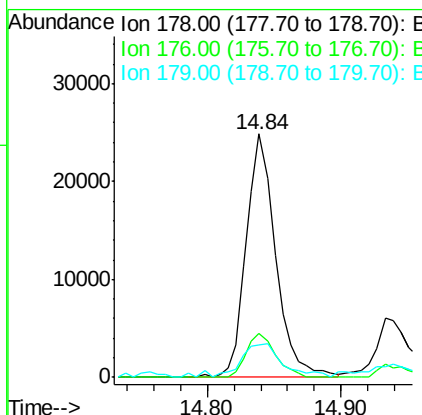
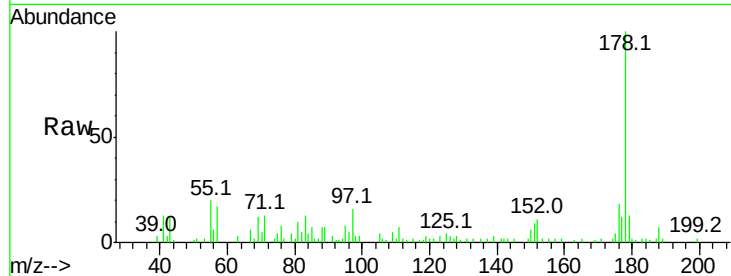
#70
Phenanthrene
Concen: 3.01 ng
RT: 14.84 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF095648.D
Acq: 2 Jun 2017 22:45

Instrument :
BNA_F
ClientSampleId :
EO-02-RO-5078-060117

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.2	24.4
179	13.1	12.6	19.0

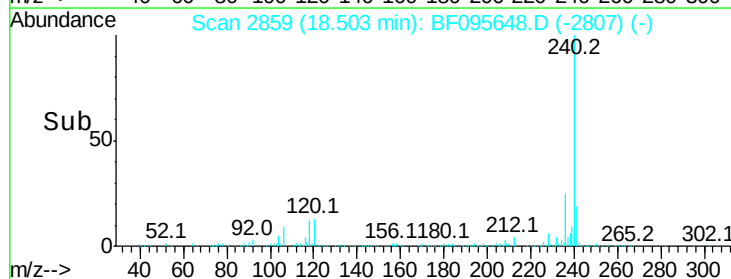
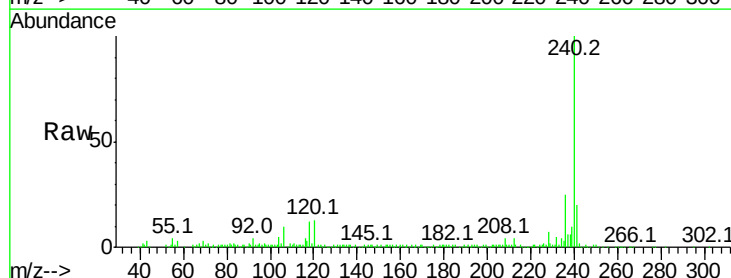
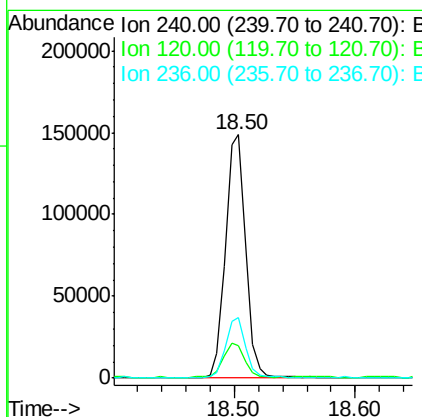
Manual Integrations
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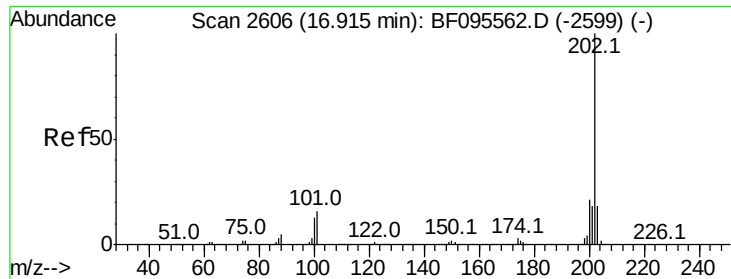
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 2859
Delta R.T. 0.01 min
Lab File: BF095648.D
Acq: 2 Jun 2017 22:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	24.7	20.5	30.7





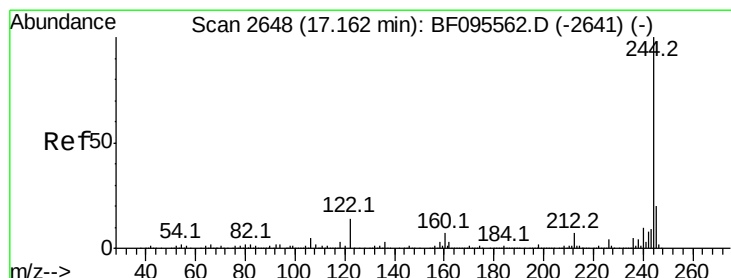
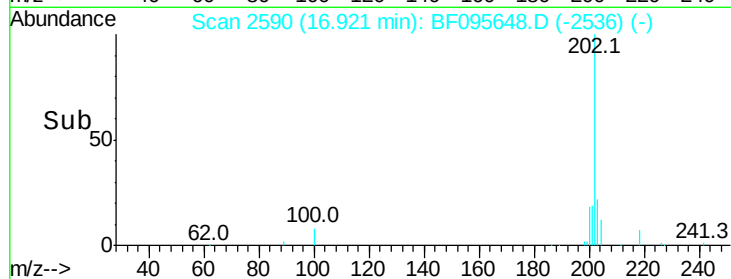
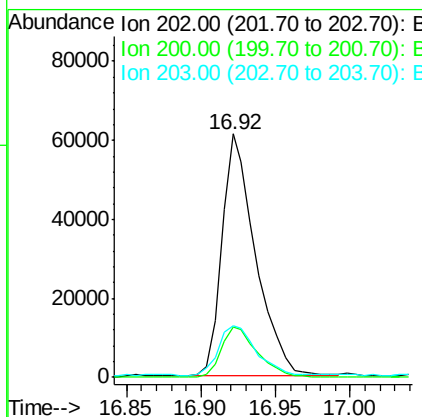
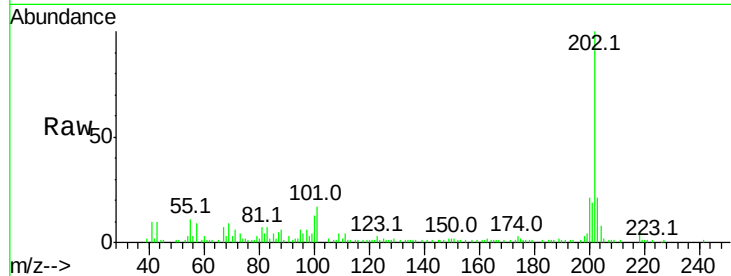
#77
Pvrene
Concen: 7.45 ng
RT: 16.92 min Scan# 2590
Delta R.T. 0.02 min
Lab File: BF095648.D
Acq: 2 Jun 2017 22:45

Instrument :
BNA_F
ClientSampleId :
EO-02-RO-5078-060117

Tot Ion:	202	Resp:	96352
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.6	26.4
203	21.2	14.4	21.6

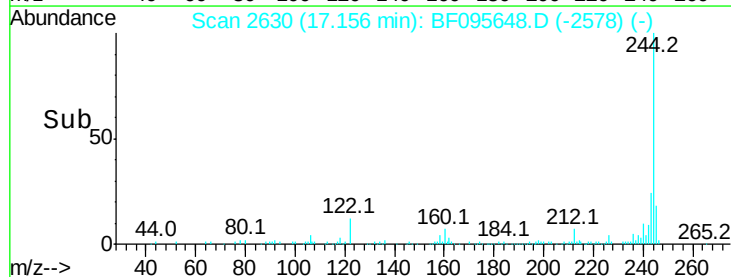
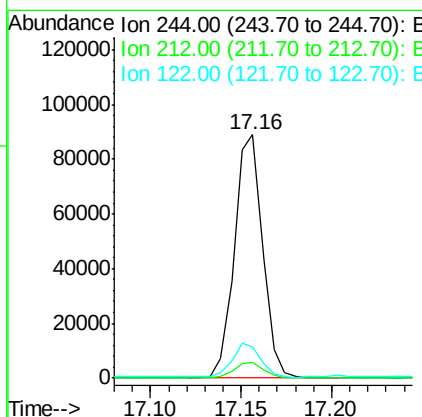
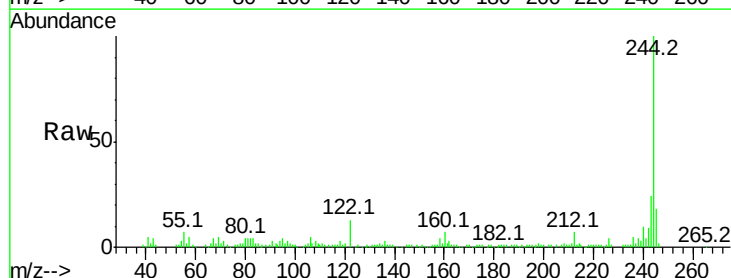
Manual Integrations
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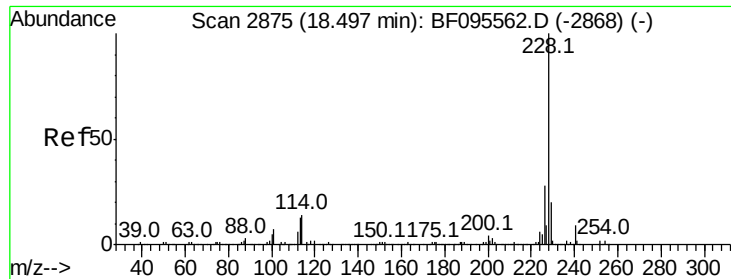
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#78
Terphenyl-d14
Concen: 12.24 ng
RT: 17.16 min Scan# 2630
Delta R.T. 0.01 min
Lab File: BF095648.D
Acq: 2 Jun 2017 22:45

Tgt Ion:	244	Resp:	96192
Ion Ratio	Lower	Upper	
244	100		
212	6.6	6.0	9.0
122	12.8	10.3	15.5





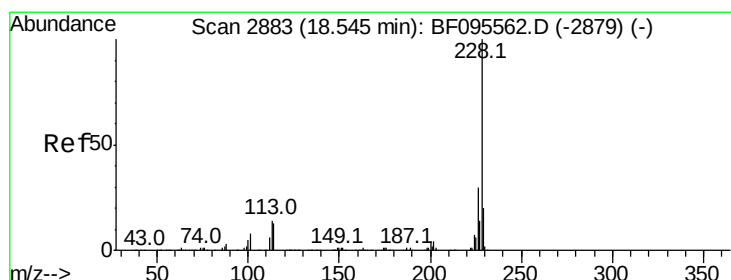
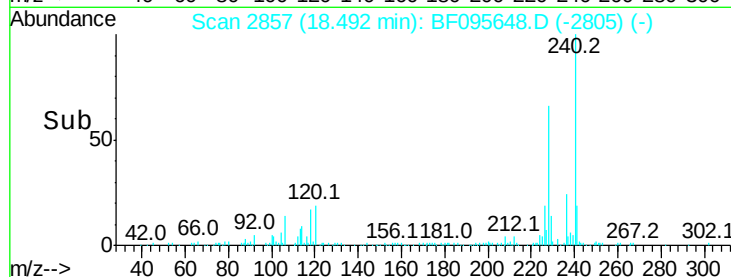
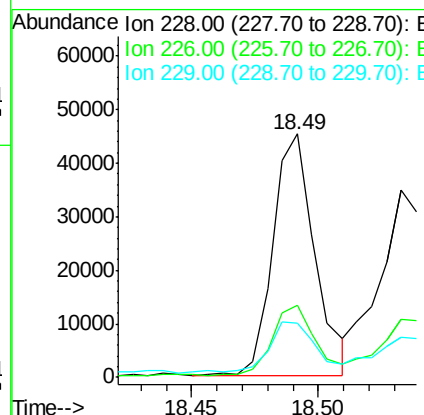
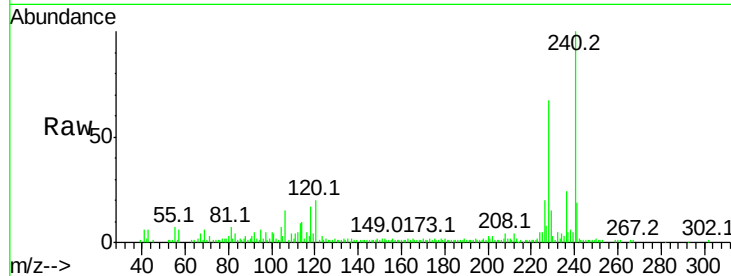
#80
Benzo(a)anthracene
Concen: 5.15 ng
RT: 18.49 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BF095648.D
Acq: 2 Jun 2017 22:45

Instrument :
BNA_F
ClientSampleId :
EO-02-RO-5078-060117

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	22.2	16.3	24.5

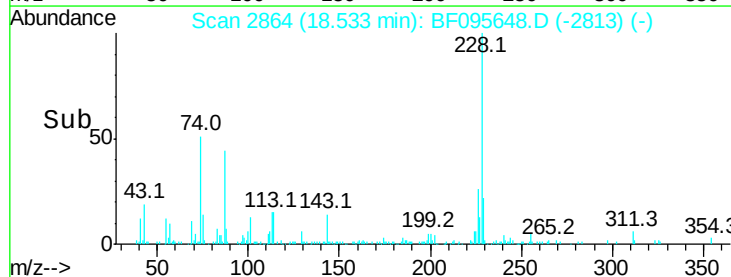
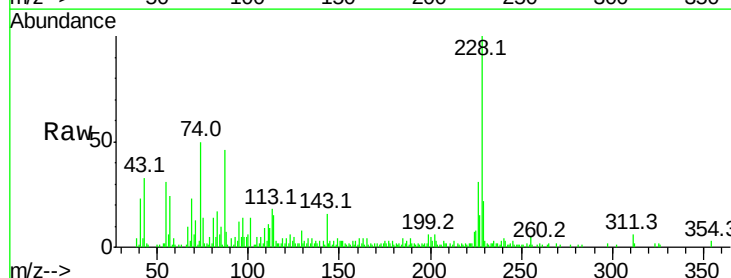
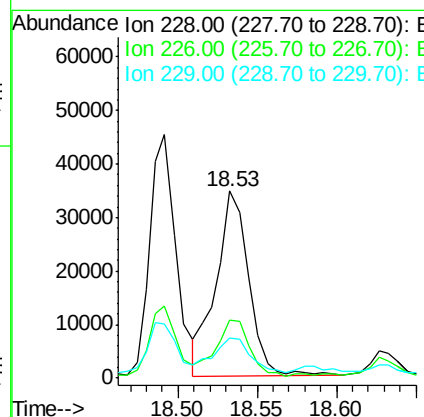
Manual Integrations
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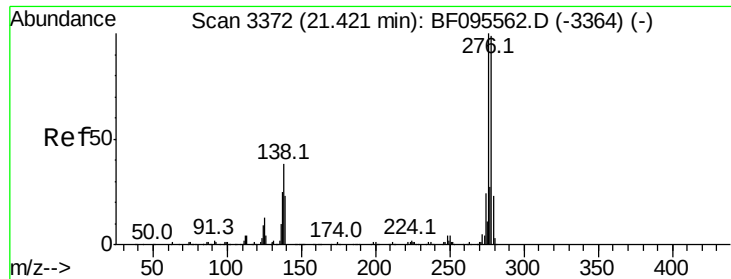
mohammad
6/6/2017 8:49:08 AM



#82
Chrysene
Concen: 5.09 ng
RT: 18.53 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BF095648.D
Acq: 2 Jun 2017 22:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	21.5	15.8	23.6





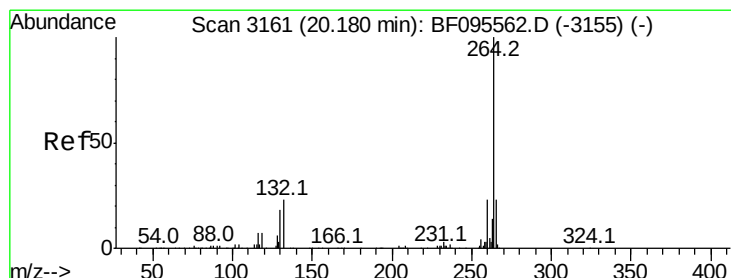
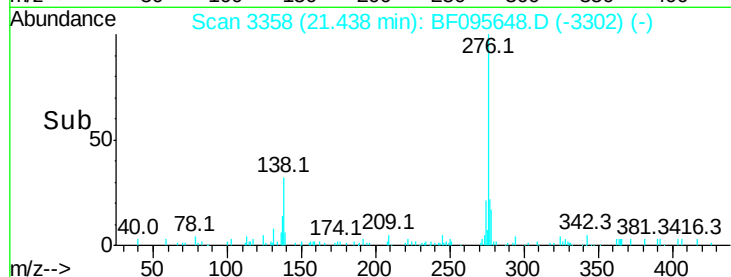
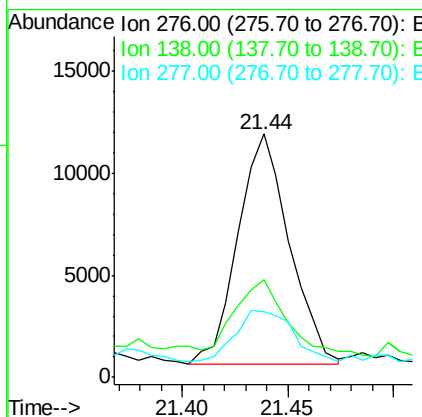
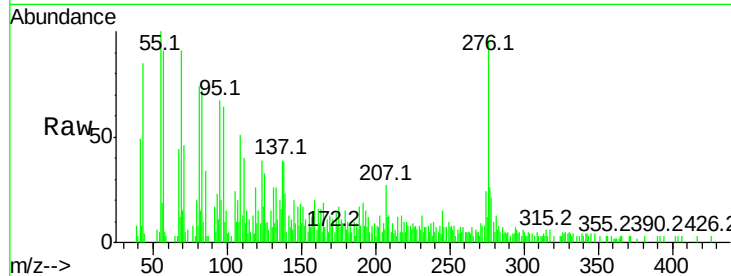
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.42 ng
RT: 21.44 min Scan# 3358
Delta R.T. 0.03 min
Lab File: BF095648.D
Acq: 2 Jun 2017 22:45

Instrument :
BNA_F
ClientSampleId :
EO-02-RO-5078-060117

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.2	27.8	41.6
277	25.3	20.2	30.4

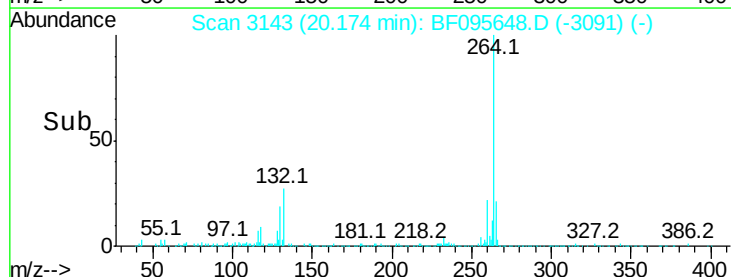
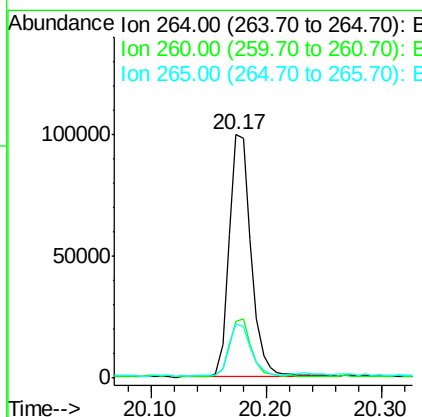
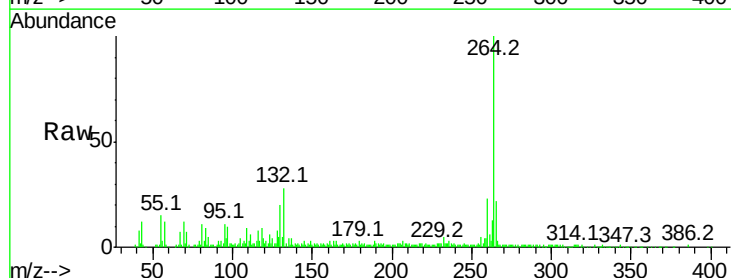
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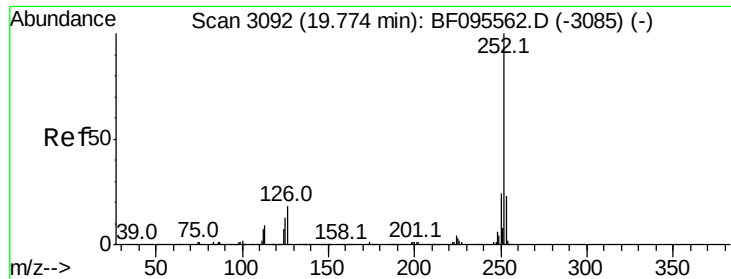
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BF095648.D
Acq: 2 Jun 2017 22:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 7.14 ng m

RT: 19.77 min Scan# 3075

Delta R.T. 0.01 min

Lab File: BF095648.D

Acq: 2 Jun 2017 22:45

Instrument :

BNA_F

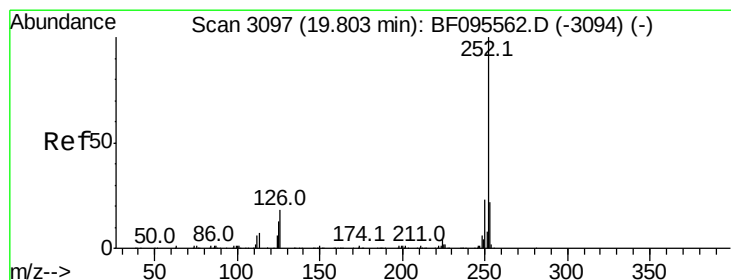
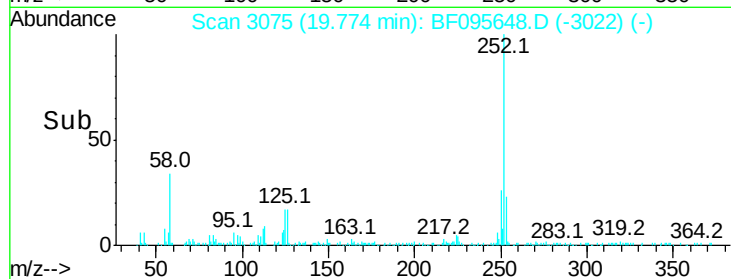
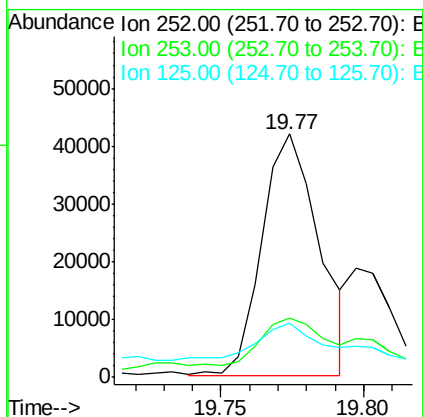
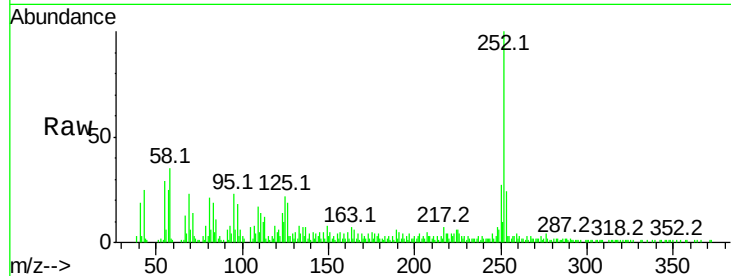
ClientSampleId :

EO-02-RO-5078-060117

Tot Ion:	252	Resp:	58164
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.1	27.1
125	22.2	9.8	14.8#

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#88

Benzo(k)fluoranthene

Concen: 2.61 ng m

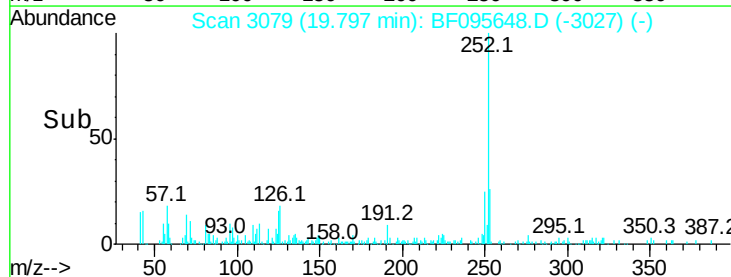
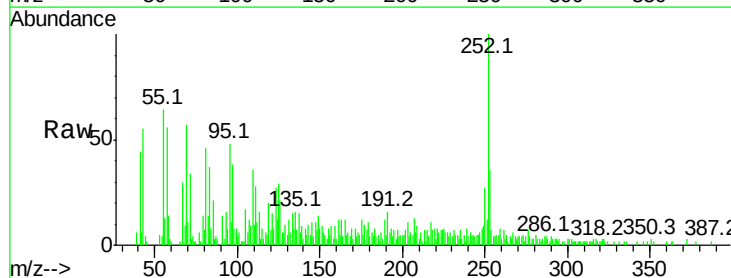
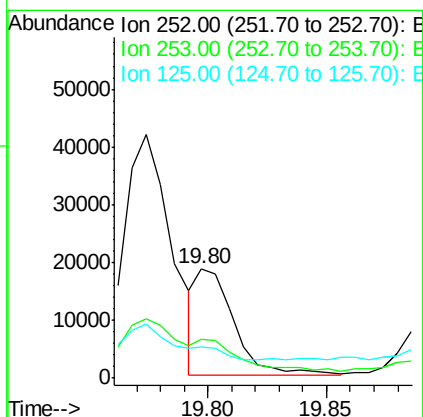
RT: 19.80 min Scan# 3079

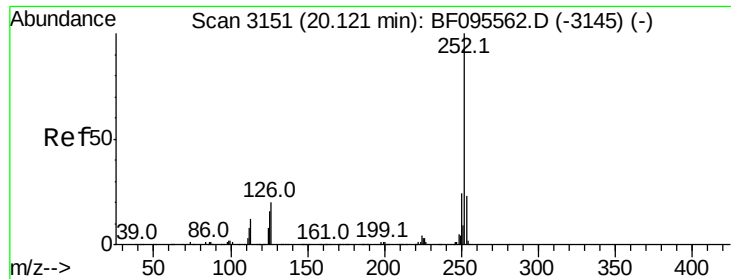
Delta R.T. 0.01 min

Lab File: BF095648.D

Acq: 2 Jun 2017 22:45

Tgt Ion:	252	Resp:	20479
Ion Ratio	Lower	Upper	
252	100		
253	35.9	18.4	27.6#
125	28.6	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 5.22 ng

RT: 20.13 min Scan# 3135

Delta R.T. 0.02 min

Lab File: BF095648.D

Acq: 2 Jun 2017 22:45

Instrument :

BNA_F

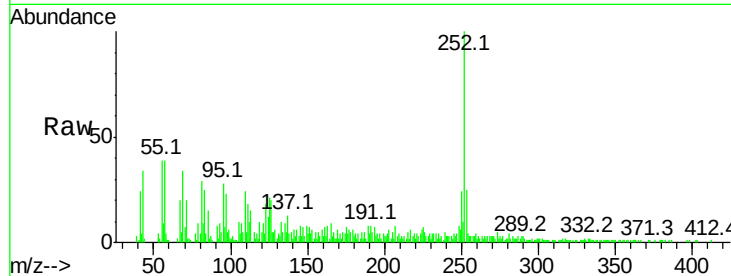
ClientSampleId :

EO-02-RO-5078-060117

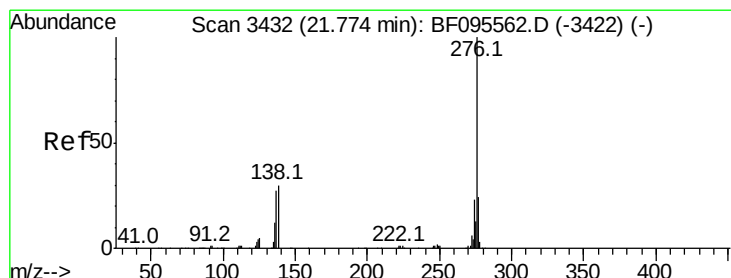
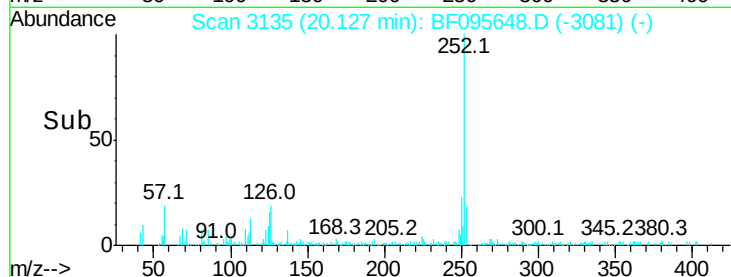
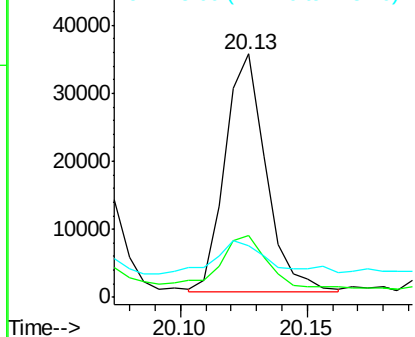
Tot Ion:	252	Resp:	39262
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.5	26.3
125	21.1	11.0	16.4#

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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



#91

Benzo(g,h,i)perylene

Concen: 3.21 ng

RT: 21.80 min Scan# 3420

Delta R.T. 0.05 min

Lab File: BF095648.D

Acq: 2 Jun 2017 22:45

Tgt Ion:	276	Resp:	19566
Ion Ratio	Lower	Upper	
276	100		
277	31.5	18.6	28.0#
138	35.2	25.4	38.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

