

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096276.D
 Acq On : 29 Jun 2017 4:36
 Operator : SJ/MA
 Sample : I3909-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-P10-ESW

Manual Integrations
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Quant Time: Jun 29 06:09:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	130885	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	511541	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	199377	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	330136	20.00	ng	0.01
75) Chrysene-d12	13.93	240	300805	20.00	ng	0.01
86) Perylene-d12	15.35	264	222022	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	817727	90.01	ng	0.02
7) Phenol-d6	6.41	99	1035508	94.13	ng	0.02
23) Nitrobenzene-d5	7.34	82	616358	83.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	163204	104.01	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	756135	69.45	ng	-0.01
78) Terphenyl-d14	12.88	244	580932	48.19	ng	0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	474167	33.23	ng	99
74) Fluoranthene	12.50	202	126635	6.91	ng	97
77) Pyrene	12.73	202	121367	4.91	ng	98
80) Benzo(a)anthracene	13.92	228	58527	3.19	ng	97
82) Chrysene	13.95	228	69232m	3.65	ng	
87) Benzo(b)fluoranthene	14.94	252	65072m	4.46	ng	
89) Benzo(a)pyrene	15.29	252	40389	3.14	ng	# 88
91) Benzo(g,h,i)perylene	17.16	276	25903	2.47	ng	95

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

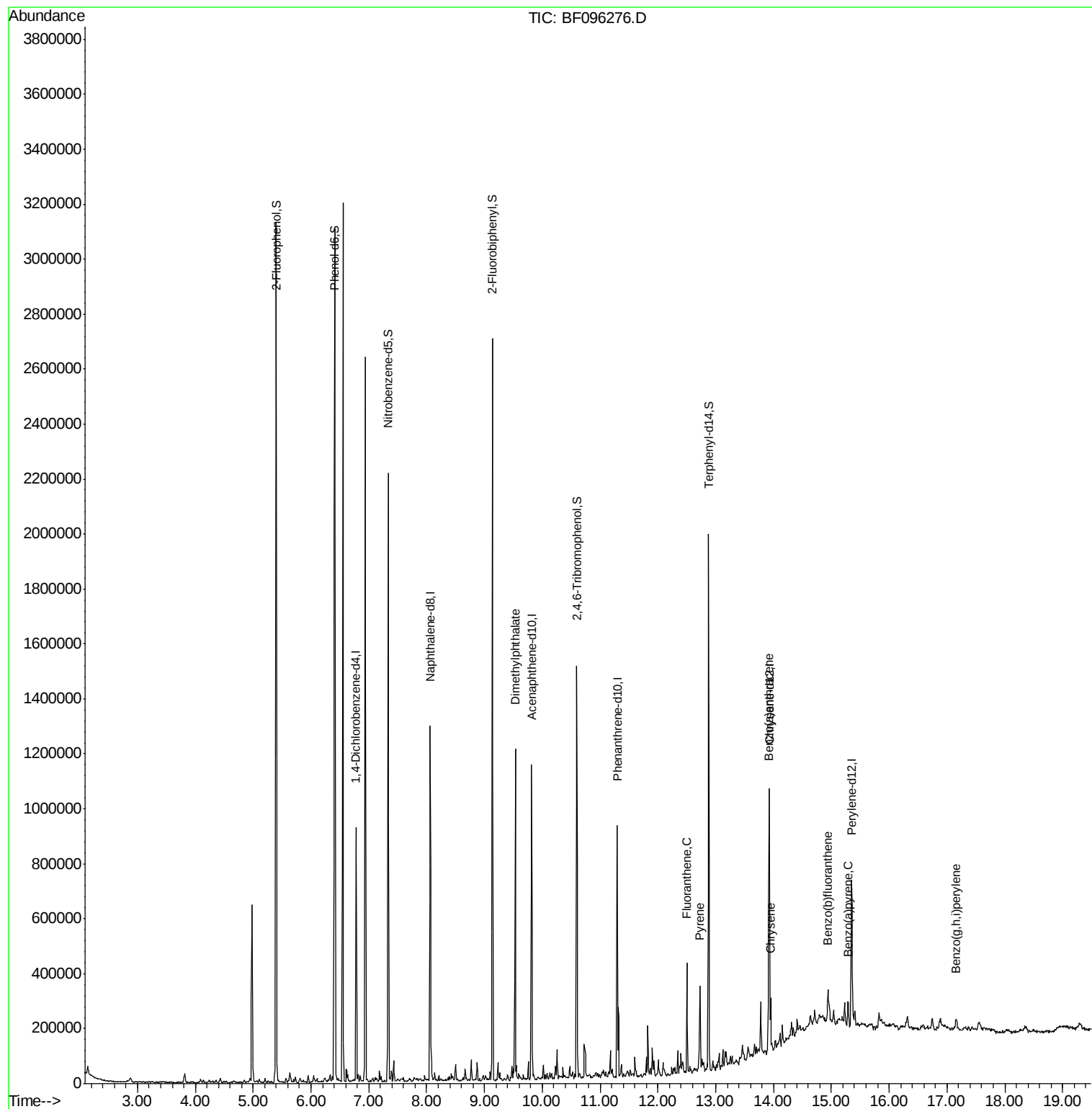
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096276.D
Acq On : 29 Jun 2017 4:36
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Sample : I3909-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

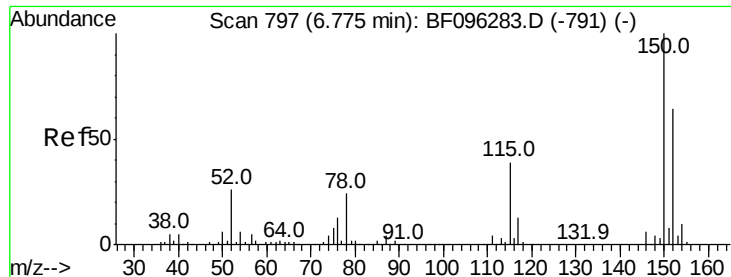
Instrument :
BNA_F
ClientSampleId :
E2-P10-ESW

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#1

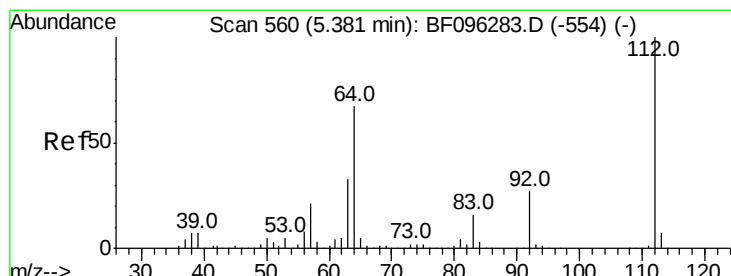
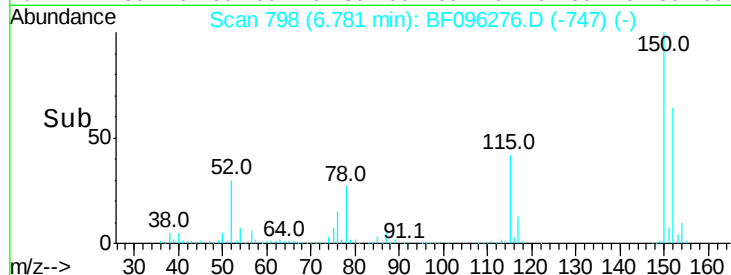
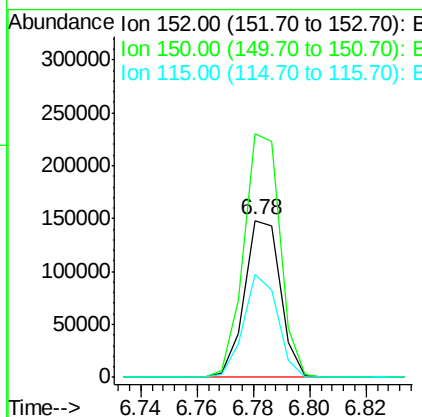
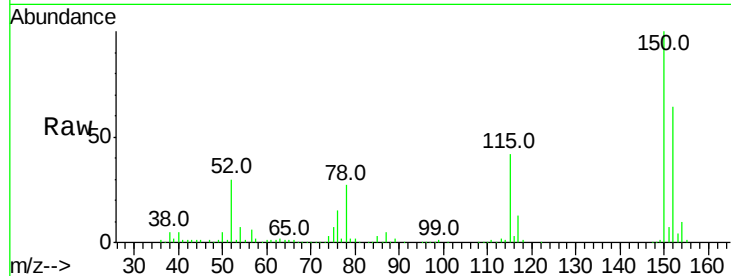
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096276.D
Acq: 29 Jun 2017 4:36

Instrument :
BNA_F
ClientSampleId :
E2-P10-ESW

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	65.8	52.2	78.2

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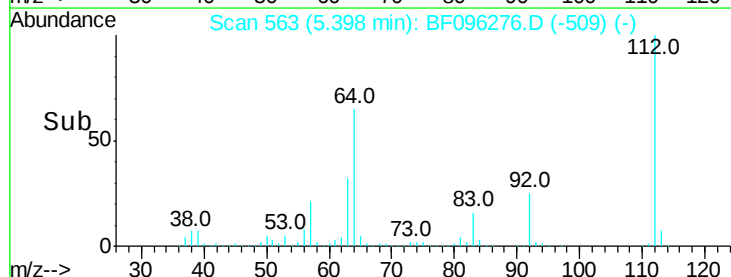
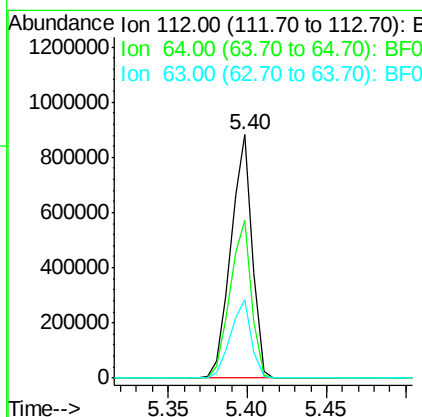
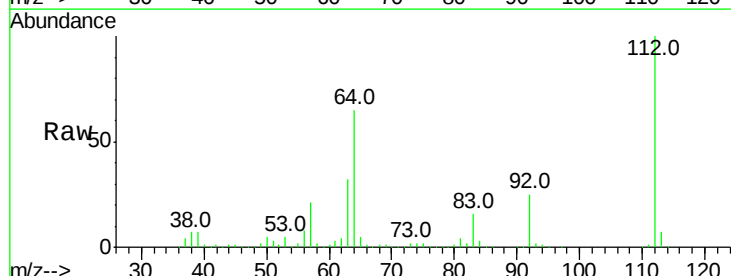
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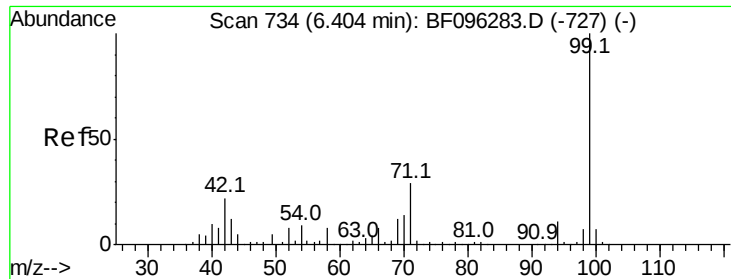


#5

2-Fluorophenol
Concen: 90.01 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF096276.D
Acq: 29 Jun 2017 4:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	46.0	69.0
63	32.0	23.4	35.0





#7

Phenol-d6

Concen: 94.13 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF096276.D

Acq: 29 Jun 2017 4:36

Instrument :

BNA_F

ClientSampleId :

E2-P10-ESW

Tot Ion: 99 Resp: 1035508

Ion Ratio Lower Upper

99 100

42 21.4 13.5 20.3#

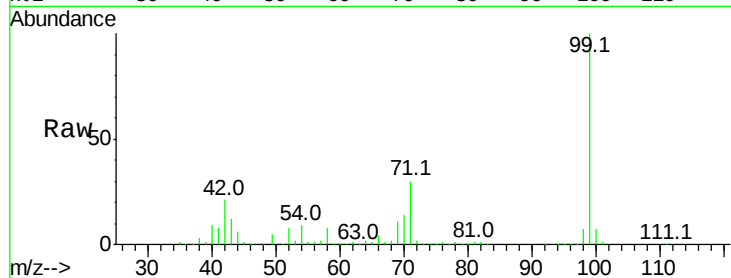
71 29.5 24.5 36.7

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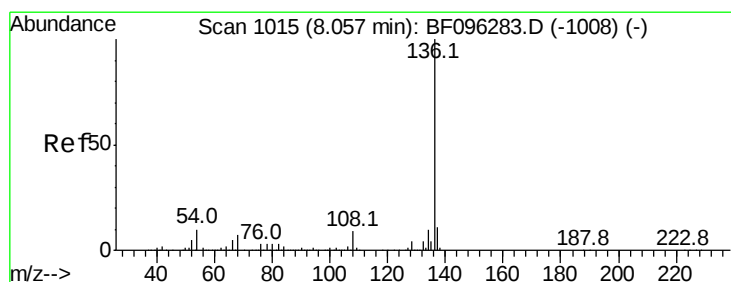
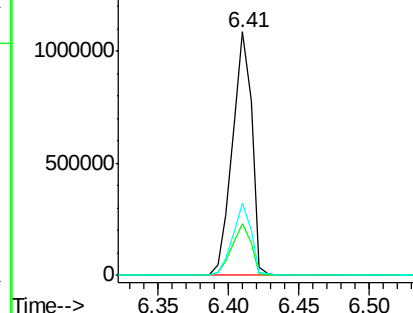
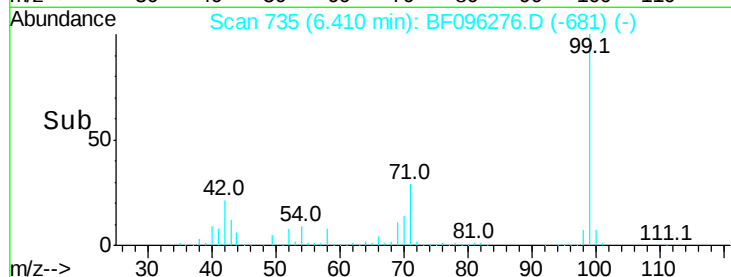
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF096276.D

Acq: 29 Jun 2017 4:36

Tgt Ion: 136 Resp: 511541

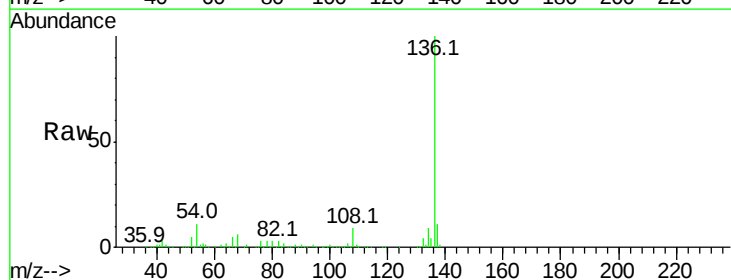
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.9 4.9 7.3#

68 6.5 4.1 6.1#

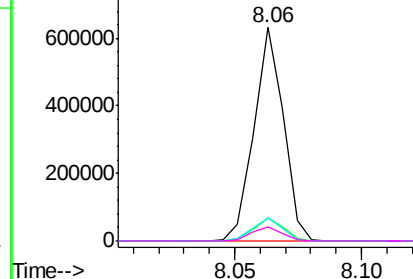
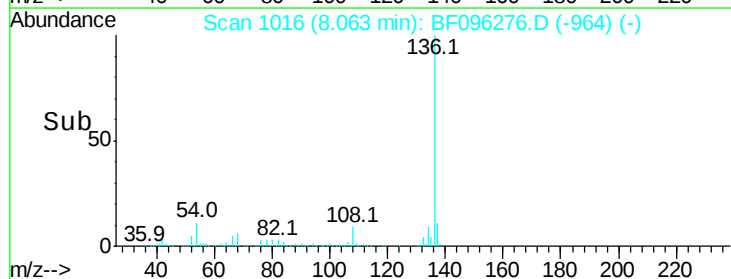


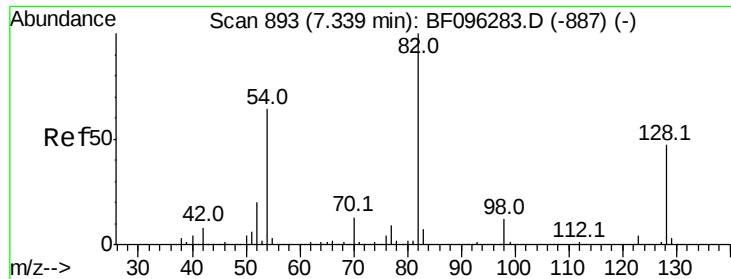
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





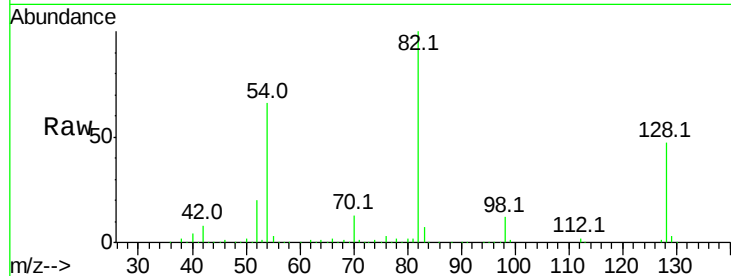
#23
Nitrobenzene-d5
Concen: 83.41 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF096276.D
Acq: 29 Jun 2017 4:36

Instrument :
BNA_F
ClientSampleId :
E2-P10-ESW

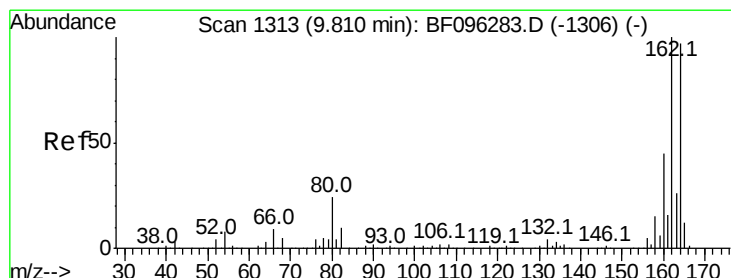
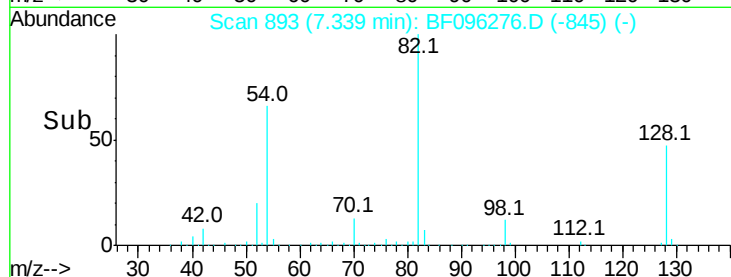
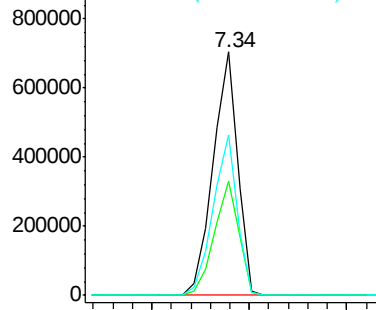
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	66.0	42.2	63.2

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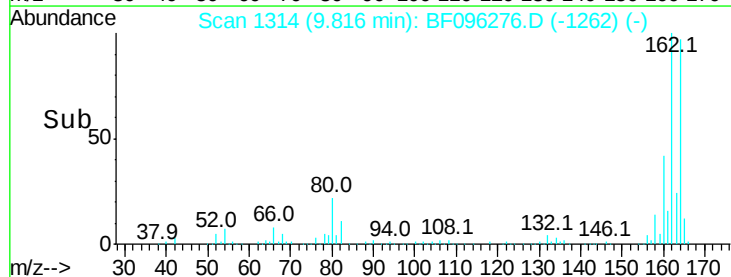
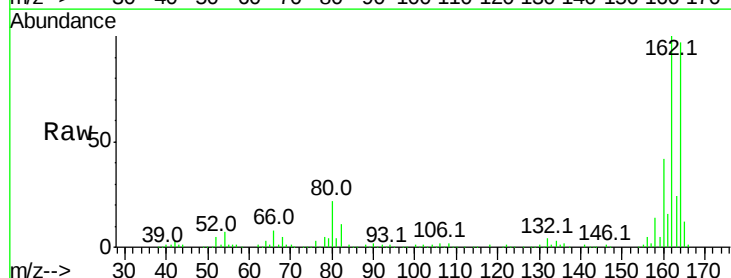
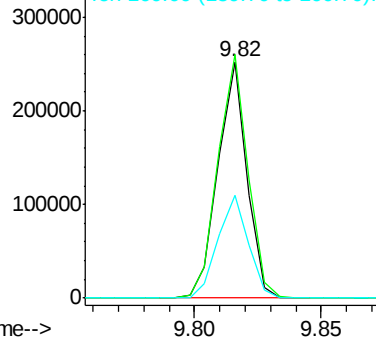
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

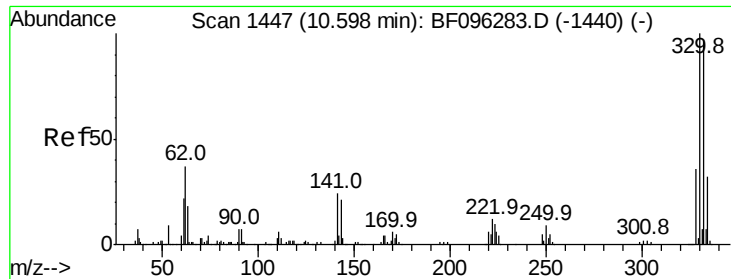


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF096276.D
Acq: 29 Jun 2017 4:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	43.7	36.2	54.2

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





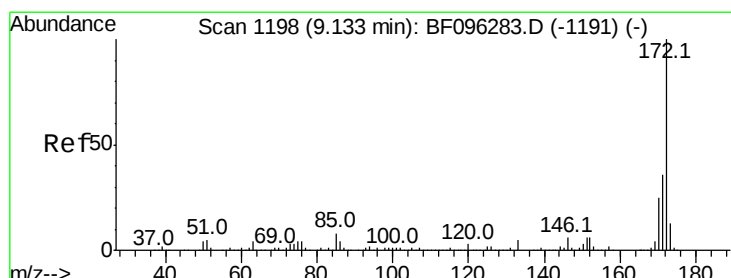
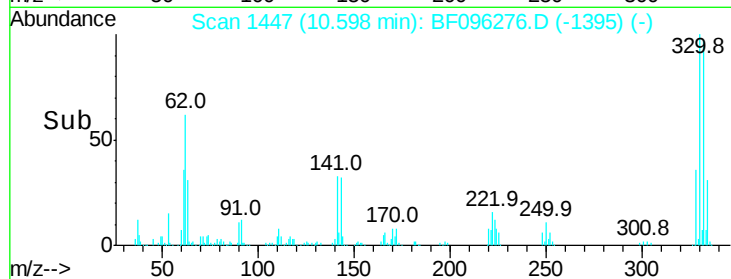
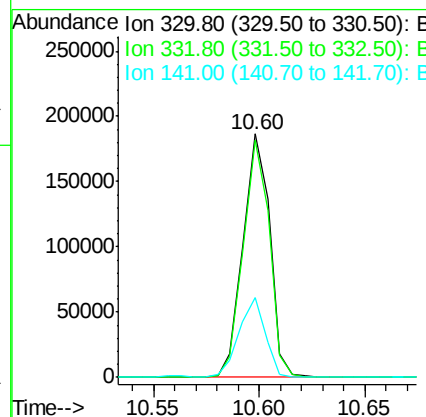
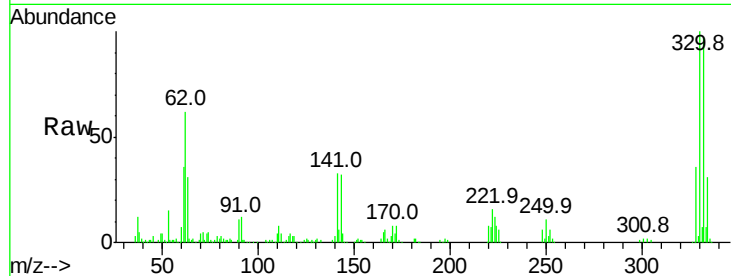
#41
 2,4,6-Tribromophenol
 Concen: 104.01 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF096276.D
 Acq: 29 Jun 2017 4:36

Instrument :
 BNA_F
 ClientSampleId :
 E2-P10-ESW

Tot Ion	Ratio	Resp	Lower	Upper
330	100	163204		
332	95.6	76.6	115.0	
141	31.7	31.4	47.2	

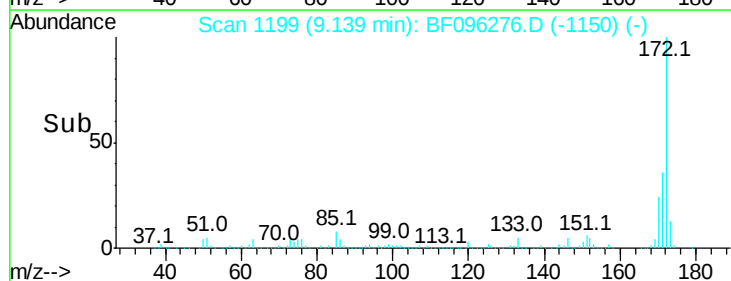
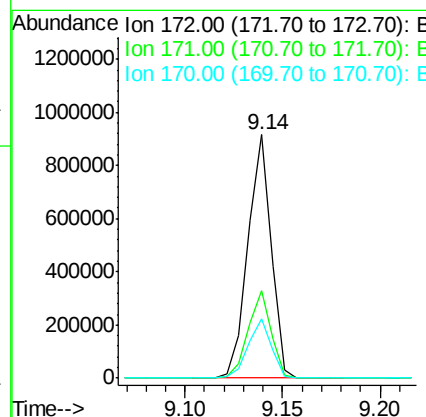
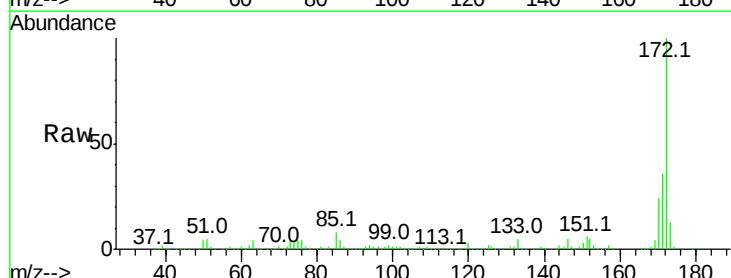
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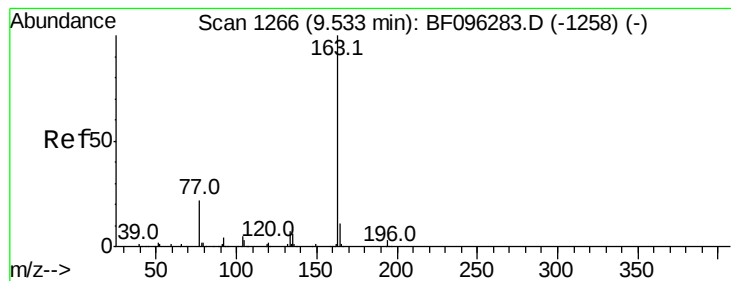
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#44
 2-Fluorobiphenyl
 Concen: 69.45 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF096276.D
 Acq: 29 Jun 2017 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	756135		
171	35.8	29.6	44.4	
170	24.1	19.8	29.8	





#49

Dimethylphthalate

Concen: 33.23 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BF096276.D

Acq: 29 Jun 2017 4:36

Instrument :

BNA_F

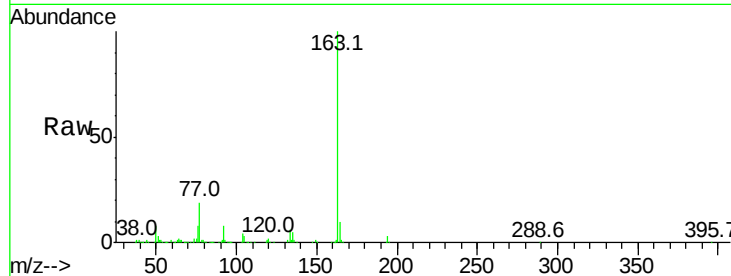
ClientSampleId :

E2-P10-ESW

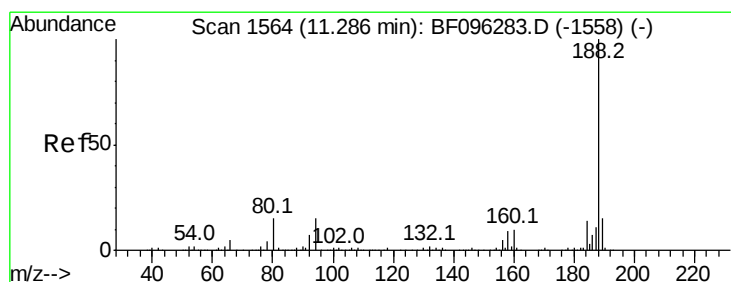
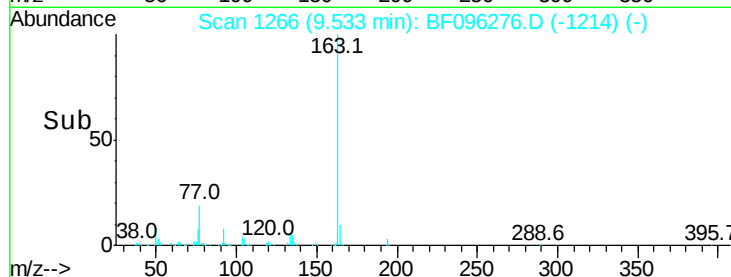
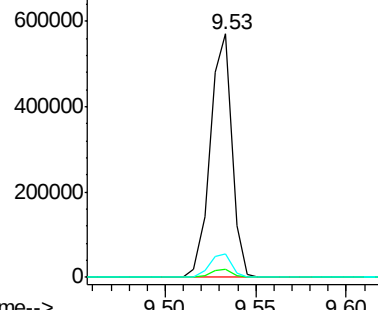
Tot Ion:163	Resp:	474167
Ion Ratio	Lower	Upper
163 100		
194 3.1	2.6	4.0
164 9.9	8.4	12.6

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 1566

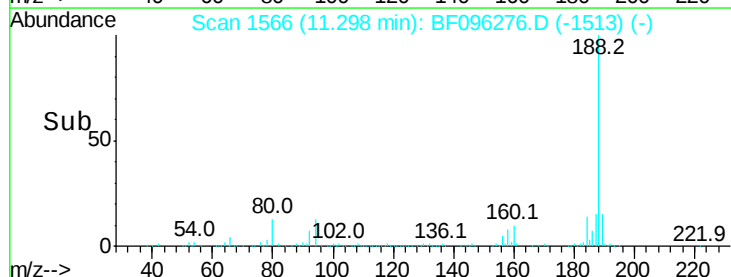
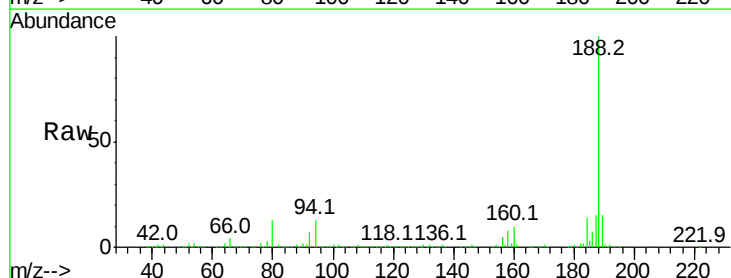
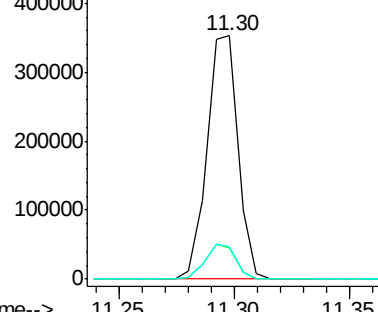
Delta R.T. 0.01 min

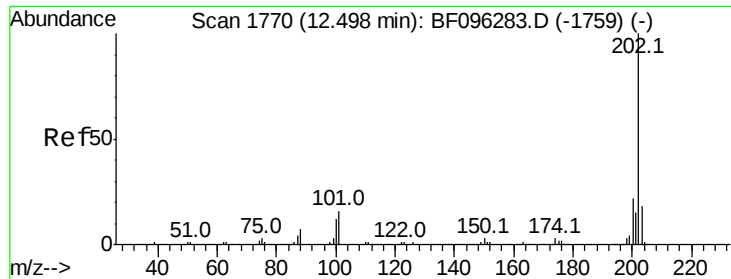
Lab File: BF096276.D

Acq: 29 Jun 2017 4:36

Tgt Ion:188	Resp:	330136
Ion Ratio	Lower	Upper
188 100		
94 12.9	9.4	14.2
80 13.1	10.2	15.2

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 6.91 ng

RT: 12.50 min Scan# 1771

Delta R.T. 0.01 min

Lab File: BF096276.D

Acq: 29 Jun 2017 4:36

Instrument :

BNA_F

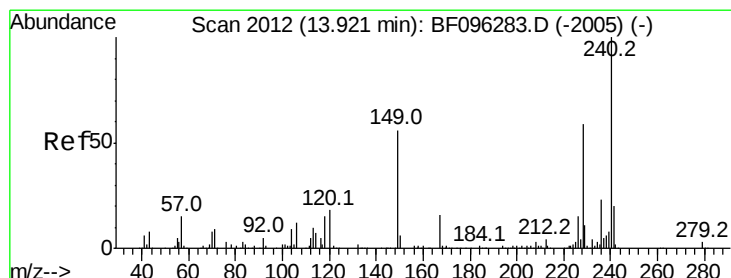
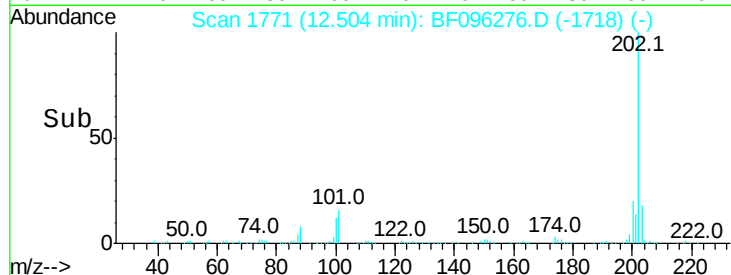
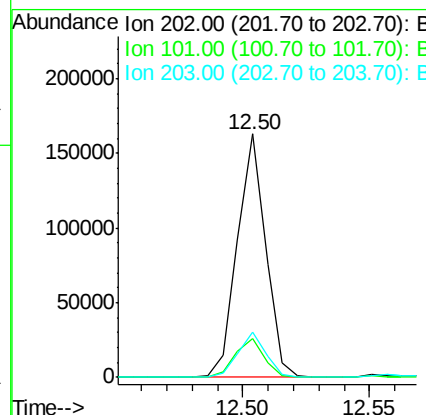
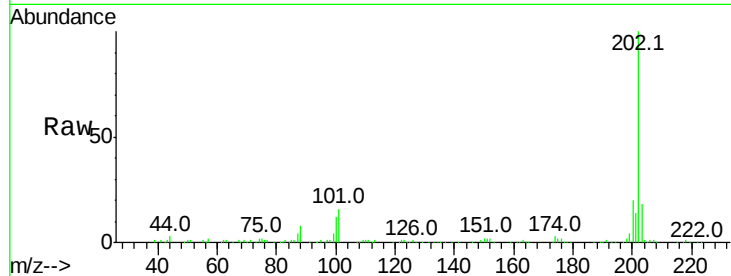
ClientSampleId :

E2-P10-ESW

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.1	0.0	33.2
203	18.4	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

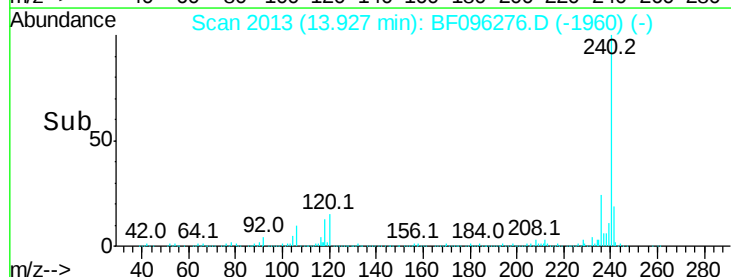
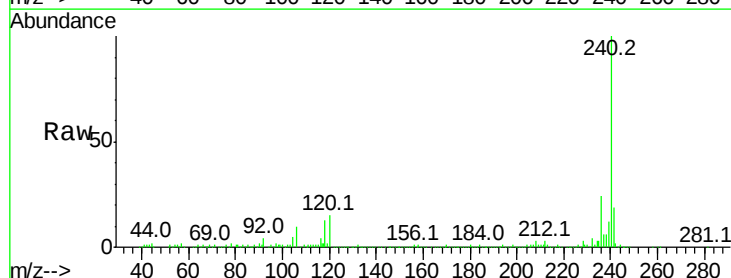
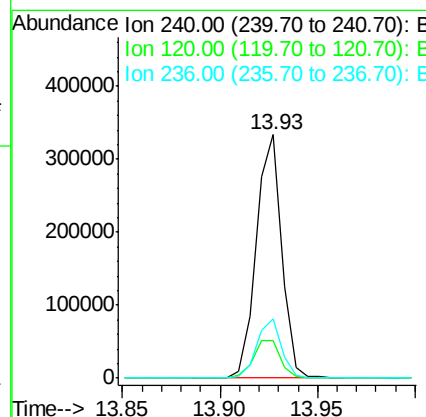
RT: 13.93 min Scan# 2013

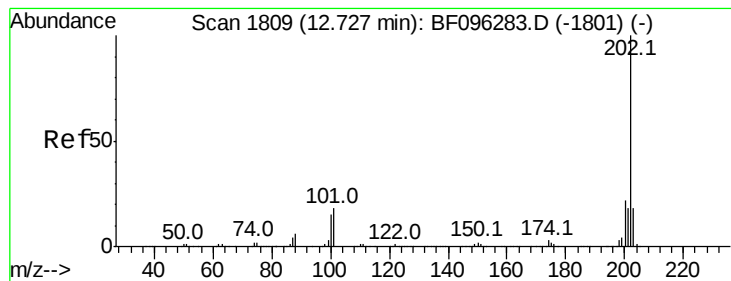
Delta R.T. 0.01 min

Lab File: BF096276.D

Acq: 29 Jun 2017 4:36

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.4	5.8	8.8#
236	24.4	20.5	30.7





#77

Pvrene

Concen: 4.91 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.01 min

Lab File: BF096276.D

Acq: 29 Jun 2017 4:36

Instrument :

BNA_F

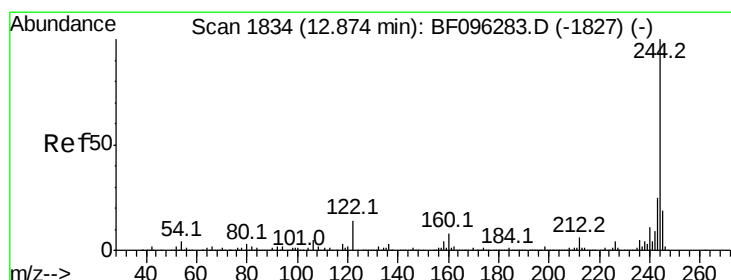
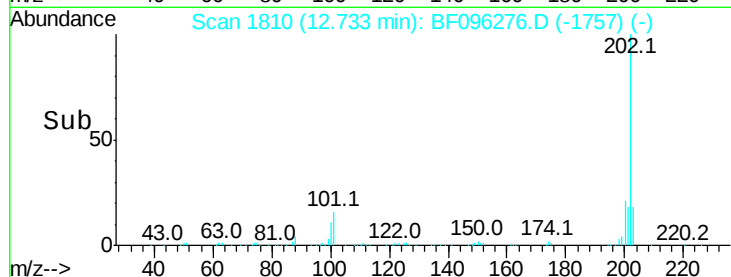
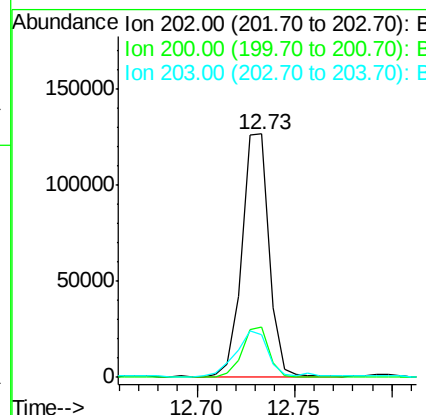
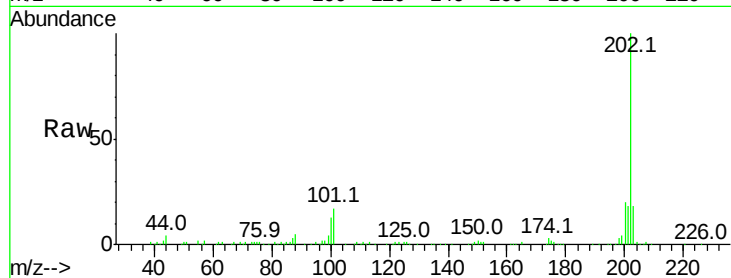
ClientSampleId :

E2-P10-ESW

Tot Ion:	202	Resp:	121367
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.6	26.4
203	17.5	14.4	21.6

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#78

Terphenyl-d14

Concen: 48.19 ng

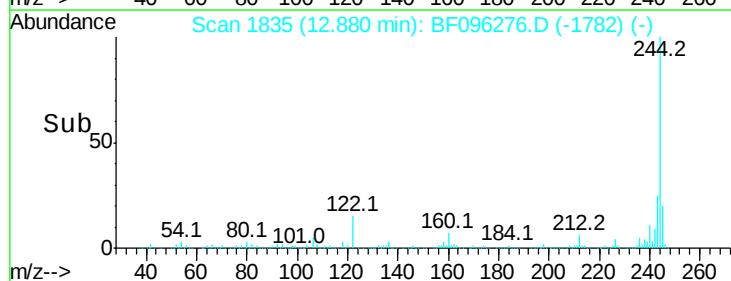
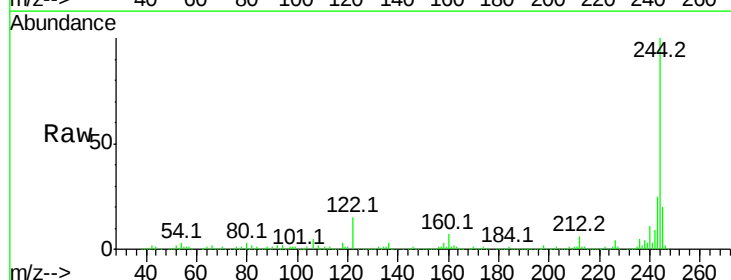
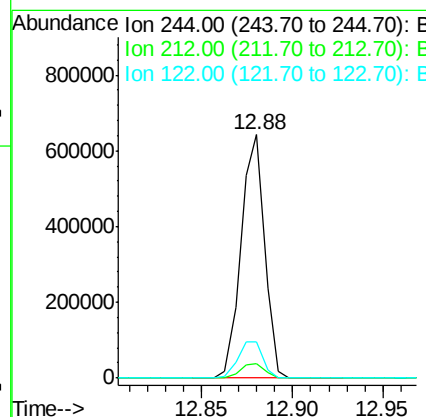
RT: 12.88 min Scan# 1835

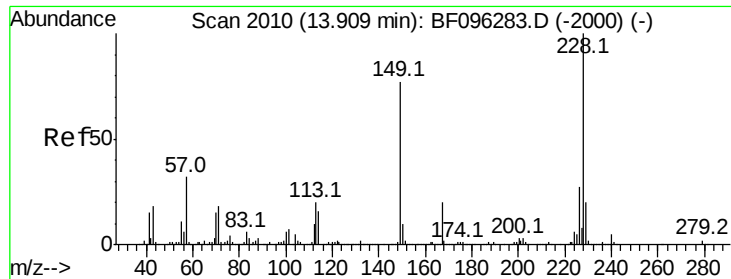
Delta R.T. 0.01 min

Lab File: BF096276.D

Acq: 29 Jun 2017 4:36

Tgt Ion:	244	Resp:	580932
Ion Ratio	Lower	Upper	
244	100		
212	6.0	6.0	9.0
122	14.9	10.3	15.5





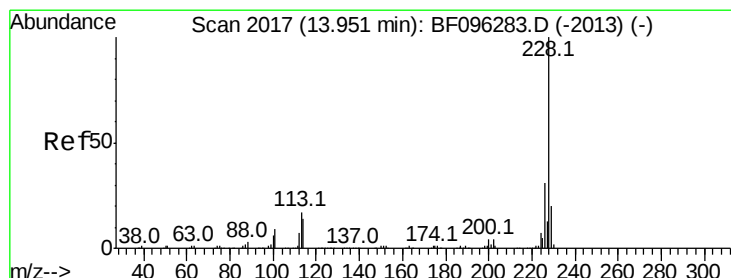
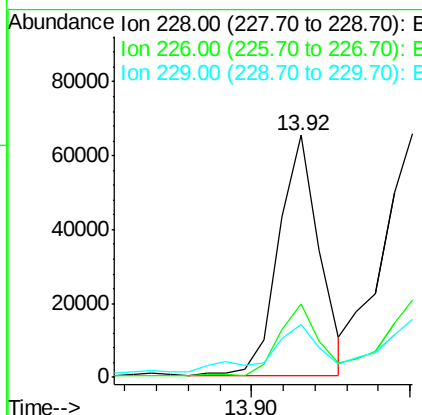
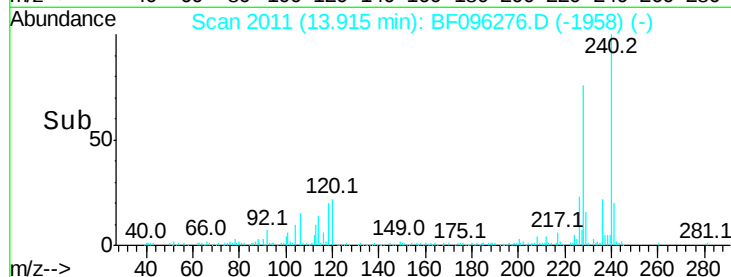
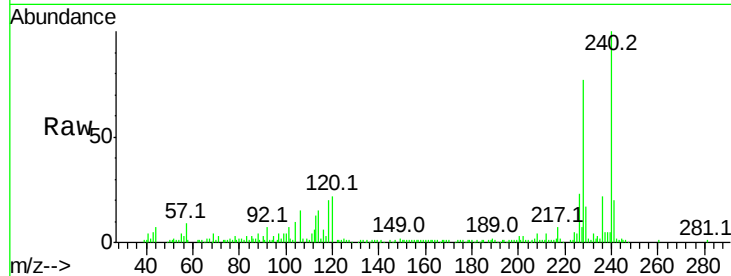
#80
 Benzo(a)anthracene
 Concen: 3.19 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF096276.D
 Acq: 29 Jun 2017 4:36

Instrument :
 BNA_F
 ClientSampleId :
 E2-P10-ESW

Tot Ion:	228	Resp:	58527
Ion Ratio	Lower	Upper	
228	100		
226	30.1	22.6	33.8
229	21.7	16.3	24.5

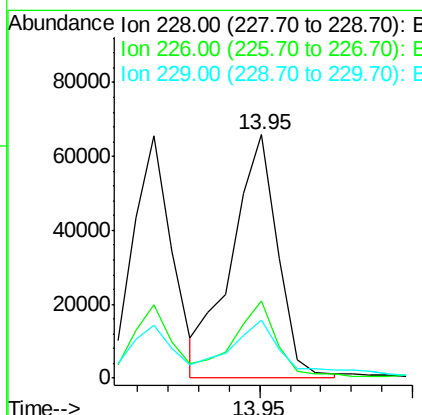
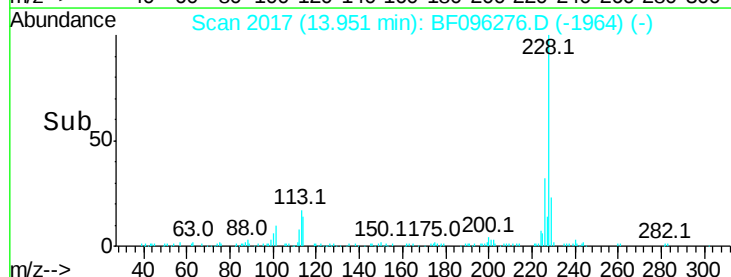
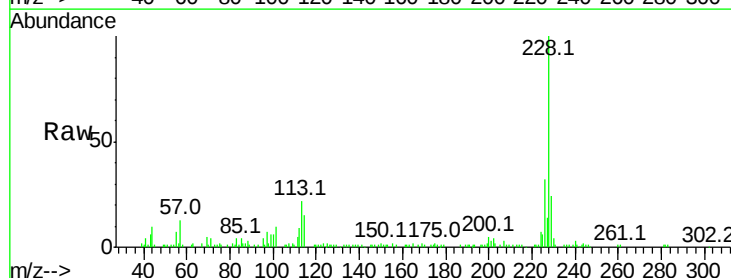
Manual Integrations
 APPROVED

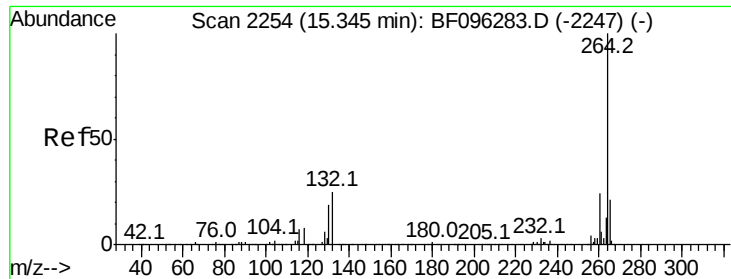
mohammad
 6/29/2017 5:59:59 PM



#82
 Chrysene
 Concen: 3.65 ng m
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF096276.D
 Acq: 29 Jun 2017 4:36

Tgt Ion:	228	Resp:	69232
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.9	37.3
229	24.0	15.8	23.6#





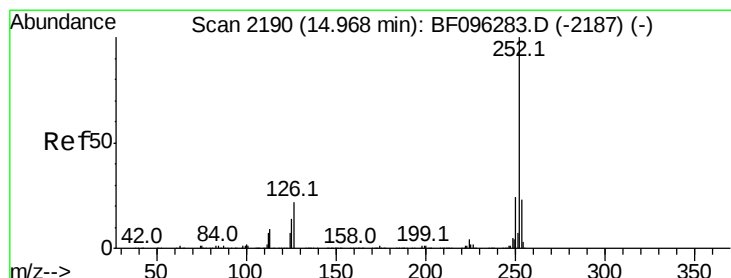
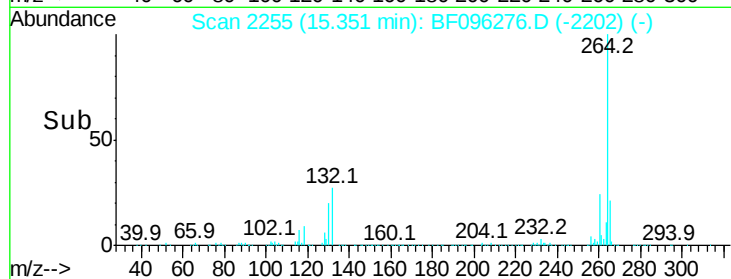
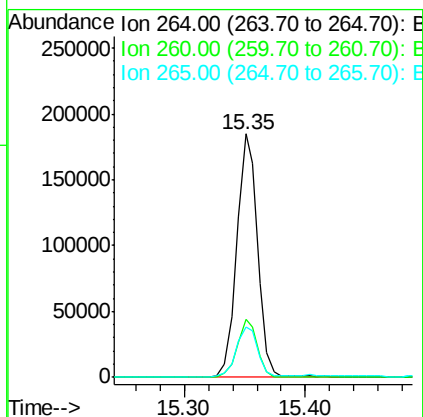
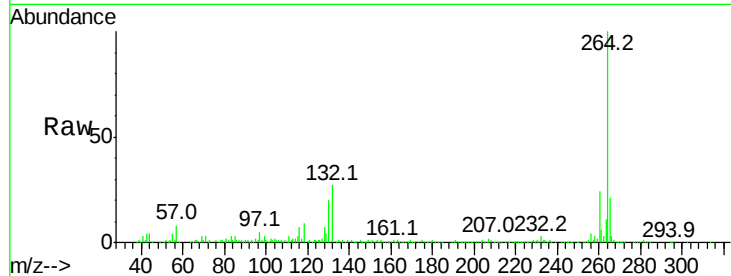
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF096276.D
Acq: 29 Jun 2017 4:36

Instrument :
BNA_F
ClientSampleId :
E2-P10-ESW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	20.9	17.2	25.8

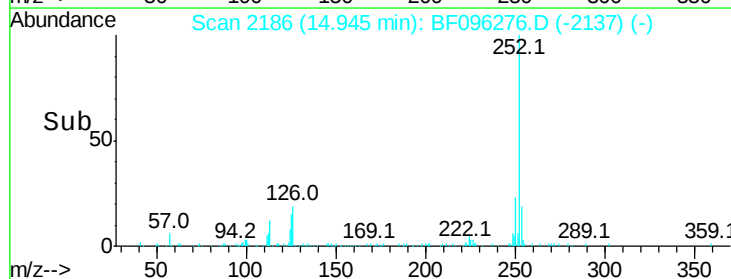
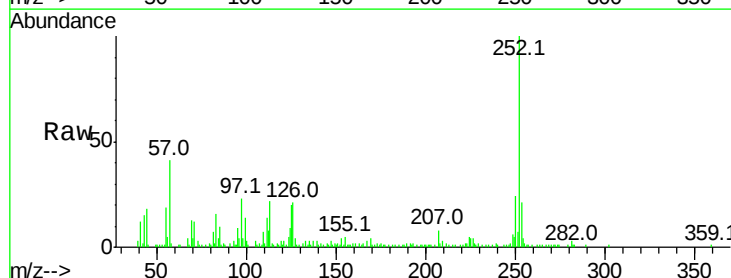
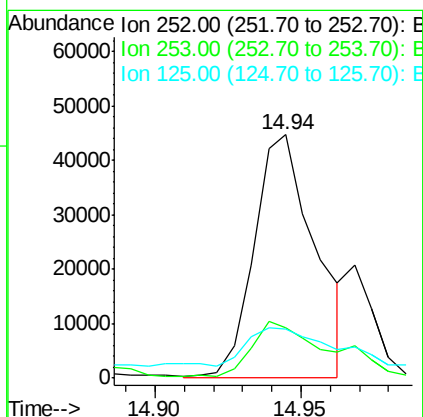
Manual Integrations
APPROVED

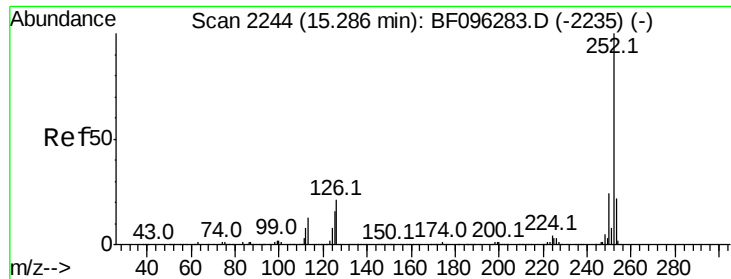
mohammad
6/29/2017 5:59:59 PM



#87
Benzo(b)fluoranthene
Concen: 4.46 ng m
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF096276.D
Acq: 29 Jun 2017 4:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.1	27.1
125	20.1	9.8	14.8#





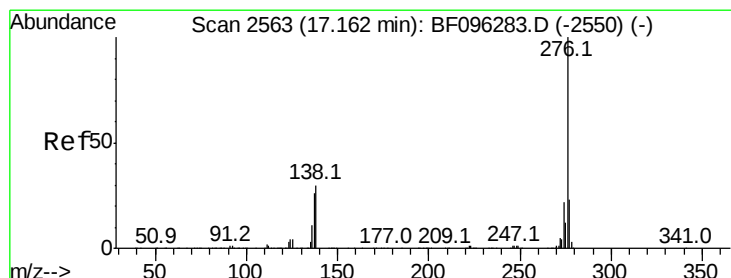
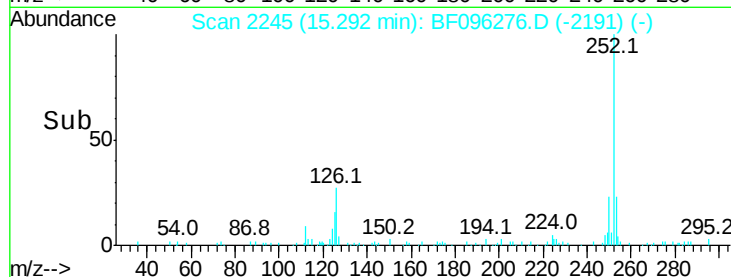
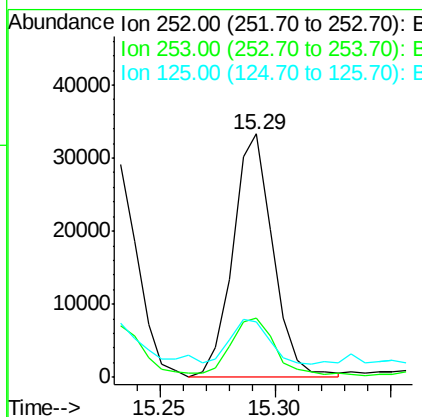
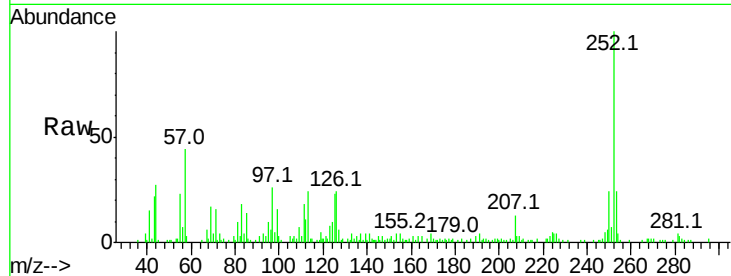
#89
Benzo(a)pyrene
Concen: 3.14 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF096276.D
Acq: 29 Jun 2017 4:36

Instrument :
BNA_F
ClientSampleId :
E2-P10-ESW

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	22.8	11.0	16.4

Manual Integrations
APPROVED

mohammad
6/29/2017 5:59:59 PM



#91
Benzo(g,h,i)perylene
Concen: 2.47 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.03 min
Lab File: BF096276.D
Acq: 29 Jun 2017 4:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.1	18.6	28.0
138	29.5	25.4	38.0

