

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081117\
 Data File : BE093776.D
 Acq On : 11 Aug 2017 18:58
 Operator : SJ/JU
 Sample : I4489-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X2A53

Manual Integrations
 APPROVED

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 8/14/2017 7:00:39 PM

Quant Time: Aug 12 02:35:03 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 12 02:01:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2666	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13825	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	7821	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	18281	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	19402	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	17237m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	6892	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	16918	0.29	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	7813	0.232	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	5995	0.244	ng/ul	98
7) Acenaphthylene	14.24	152	23808	0.728	ng/ul	96
8) Acenaphthene	14.59	153	7872	0.306	ng/ul	98
9) Fluorene	15.57	166	9704	0.298	ng/ul#	94
11) Pentachlorophenol	16.93	266	506	0.168	ng/ul	97
12) Phenanthrene	17.29	178	32494	0.653	ng/ul#	89
13) Anthracene	17.38	178	10502	0.217	ng/ul#	89
15) Fluoranthene	19.30	202	21269	0.342	ng/ul	84
17) Pyrene	19.66	202	23853	0.421	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	38413	0.683	ng/ul#	85
19) Chrysene	21.44	228	21277	0.394	ng/ul	96
21) Benzo(b)fluoranthene	23.14	252	16847m	0.316	ng/ul	
23) Benzo(a)pyrene	23.80	252	24272m	0.479	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	20280m	0.362	ng/ul	
25) Dibenzo(a,h)anthracene	26.57	278	17822m	0.381	ng/ul	
26) Benzo(g,h,i)perylene	27.37	276	19559m	0.415	ng/ul	

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

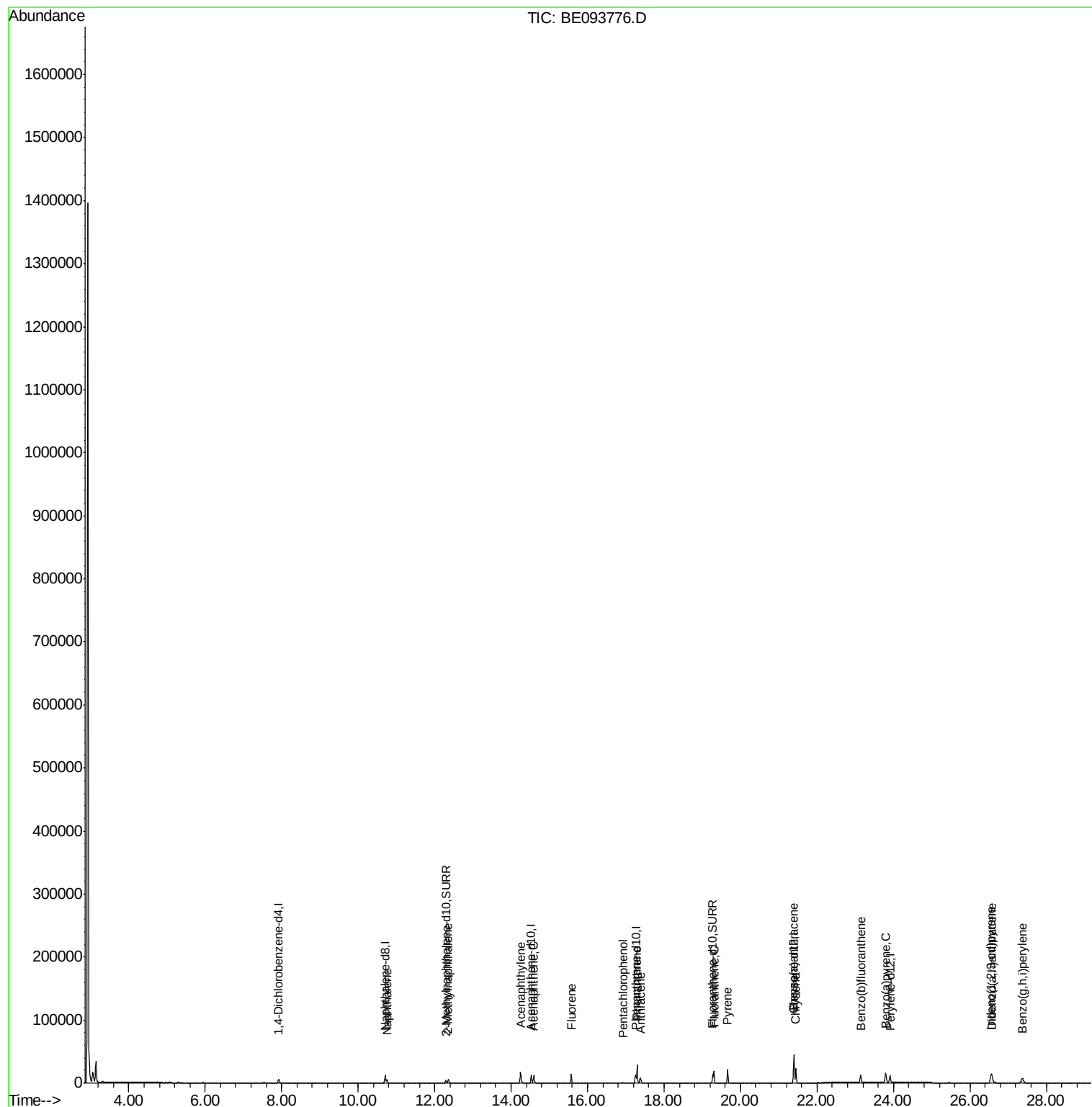
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081117\
Data File : BE093776.D
Acq On : 11 Aug 2017 18:58
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Sample : I4489-03
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ALS Vial : 7 Sample Multiplier: 1

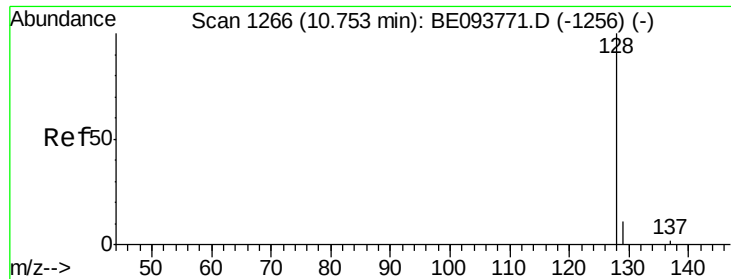
Instrument :
BNA_E
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X2A53

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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QLast Update : Sat Aug 12 02:01:53 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.232 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

Instrument :

BNA_E

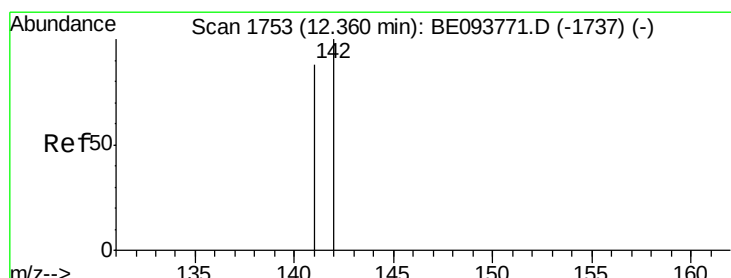
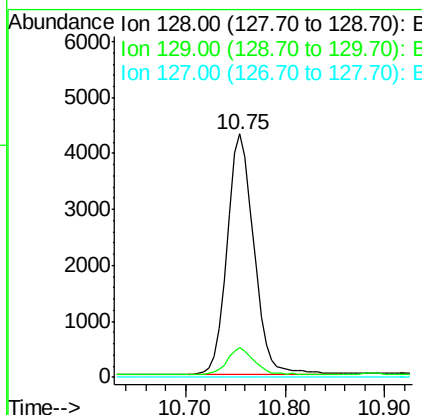
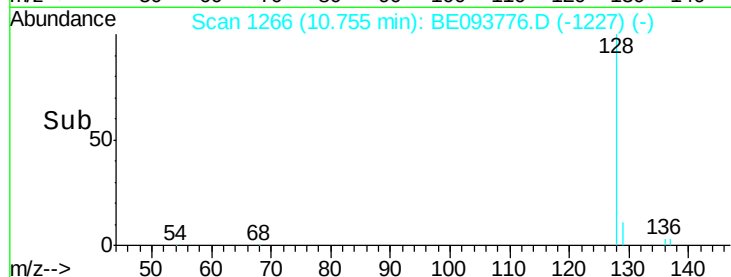
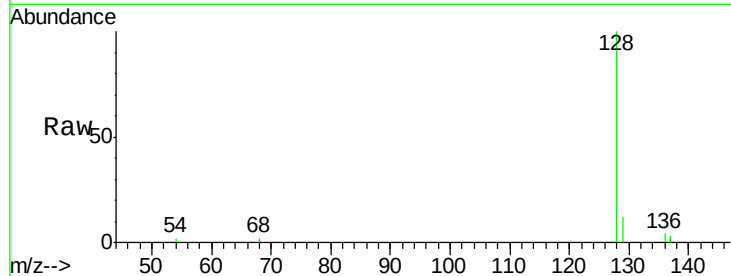
ClientSampled :

X2A53

Tgt Ion:	128	Resp:	7813
Ion Ratio	Lower	Upper	
128	100		
129	12.0	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.244 ng/ul

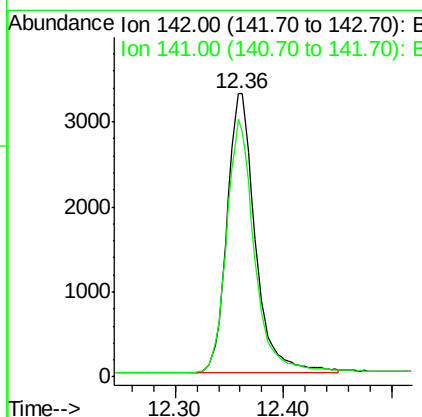
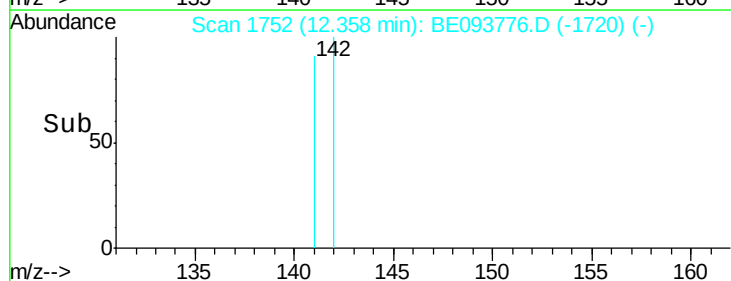
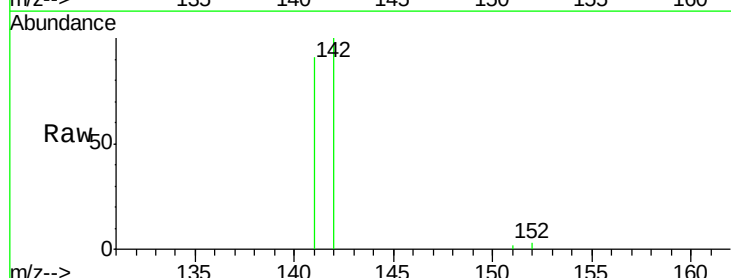
RT: 12.36 min Scan# 1752

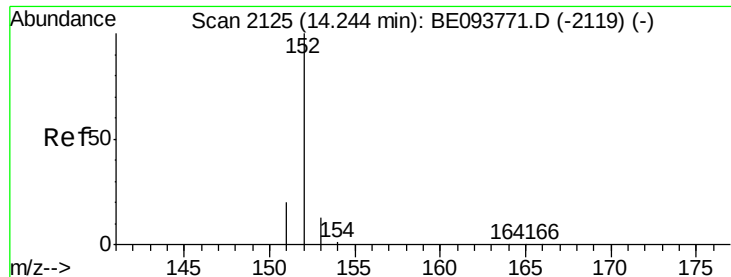
Delta R.T. -0.00 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

Tgt Ion:	142	Resp:	5995
Ion Ratio	Lower	Upper	
142	100		
141	89.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.728 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

Instrument :

BNA_E

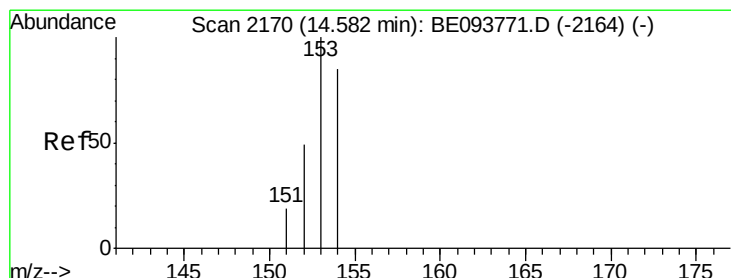
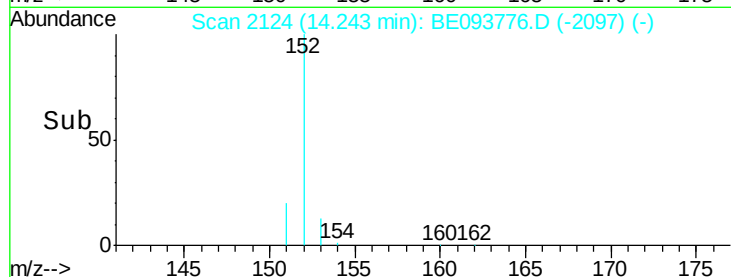
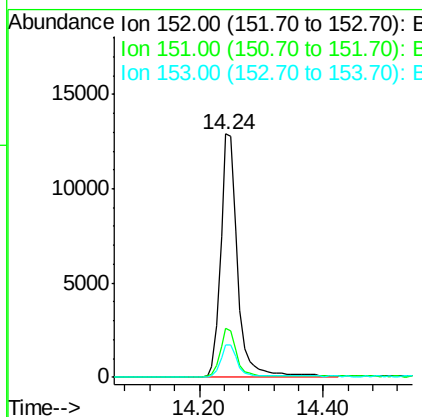
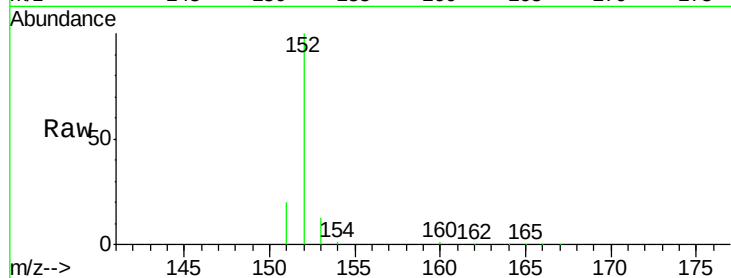
ClientSampleId :

X2A53

Tgt Ion:	152	Resp:	23808
Ion Ratio	Lower	Upper	
152	100		
151	20.1	17.1	25.7
153	13.3	12.8	19.2

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#8

Acenaphthene

Concen: 0.306 ng/ul

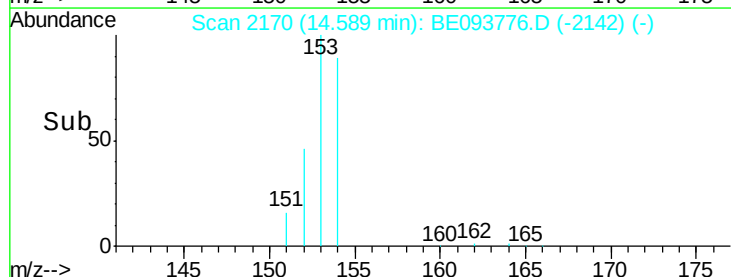
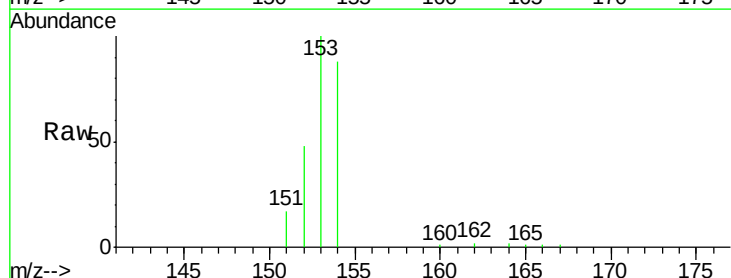
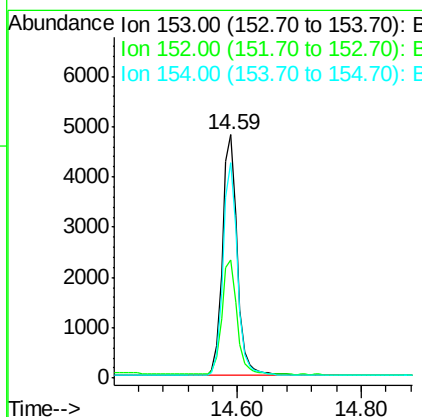
RT: 14.59 min Scan# 2170

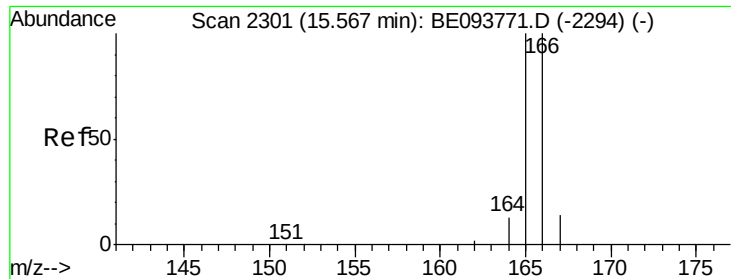
Delta R.T. 0.01 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

Tgt Ion:	153	Resp:	7872
Ion Ratio	Lower	Upper	
153	100		
152	48.5	40.3	60.5
154	88.5	71.4	107.2





#9

Fluorene

Concen: 0.298 ng/ul

RT: 15.57 min Scan# 2301

Delta R.T. 0.01 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

Instrument :

BNA_E

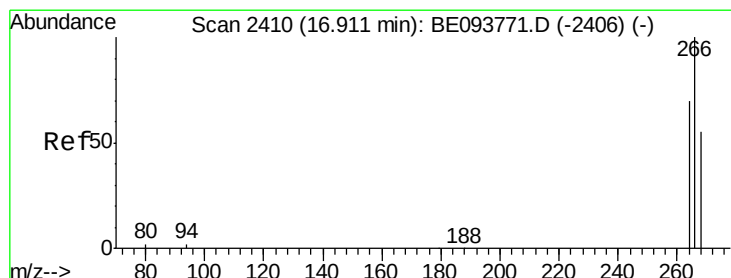
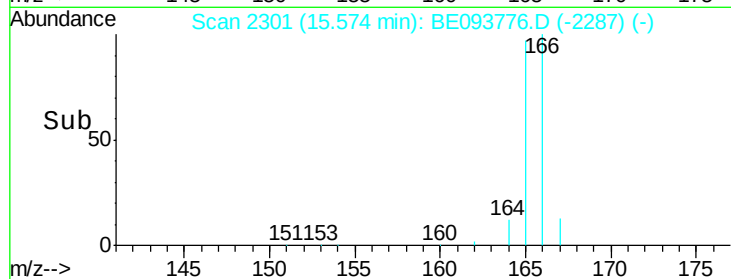
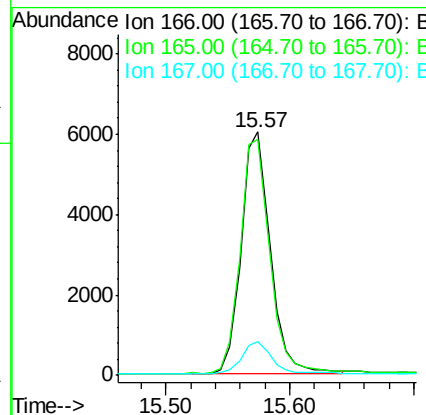
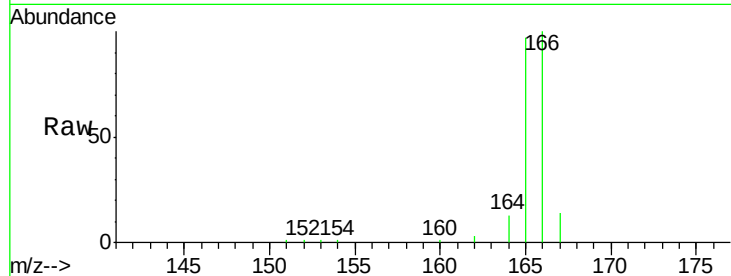
ClientSampleId :

X2A53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	73.4	110.2
167	13.8	14.6	22.0

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#11

Pentachlorophenol

Concen: 0.168 ng/ul

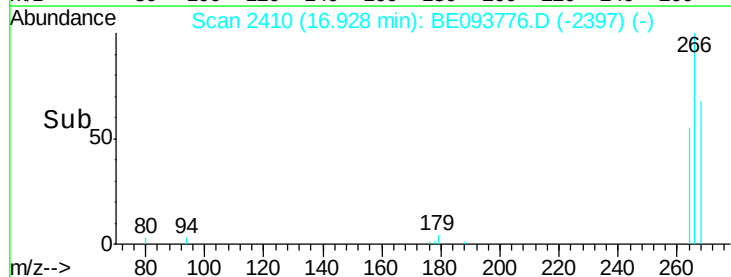
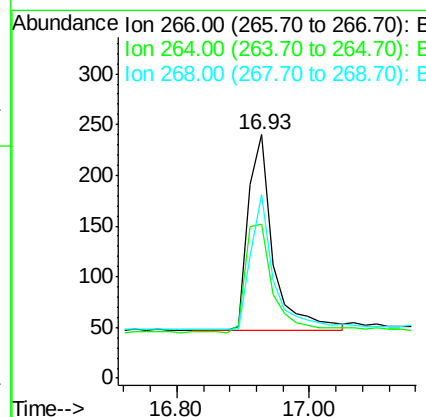
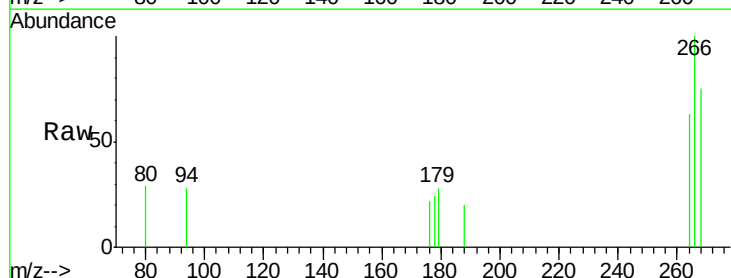
RT: 16.93 min Scan# 2410

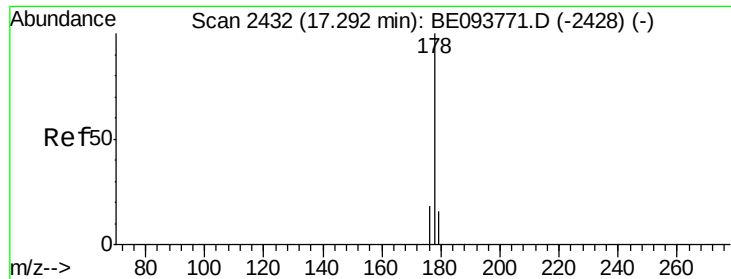
Delta R.T. 0.02 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.8	47.9	71.9
268	63.2	49.8	74.8





#12

Phenanthrene

Concen: 0.653 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

Instrument :

BNA_E

ClientSampled :

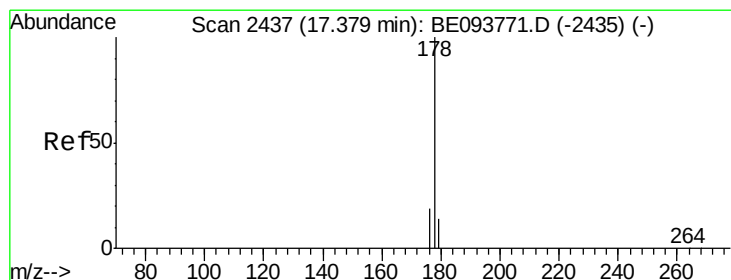
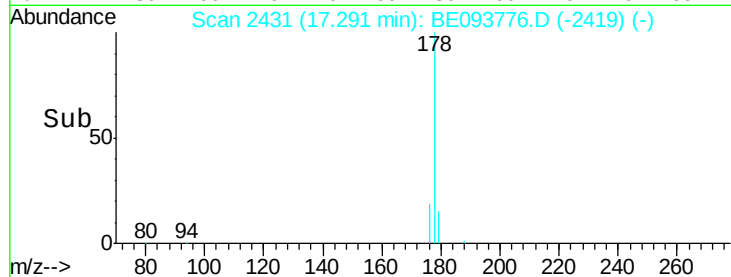
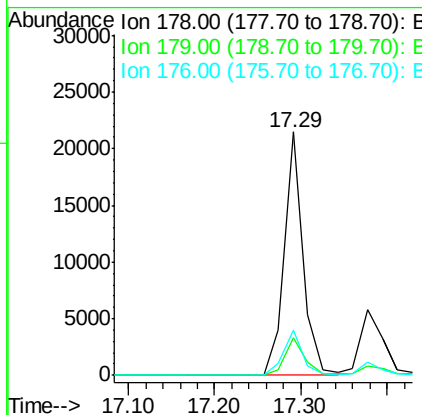
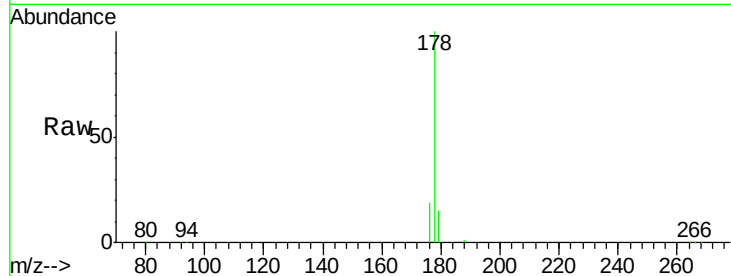
X2A53

Tgt Ion:178 Resp: 32494

Ion	Ratio	Lower	Upper
178	100		
179	15.2	18.4	27.6#
176	18.8	13.6	20.4

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#13

Anthracene

Concen: 0.217 ng/ul

RT: 17.38 min Scan# 2436

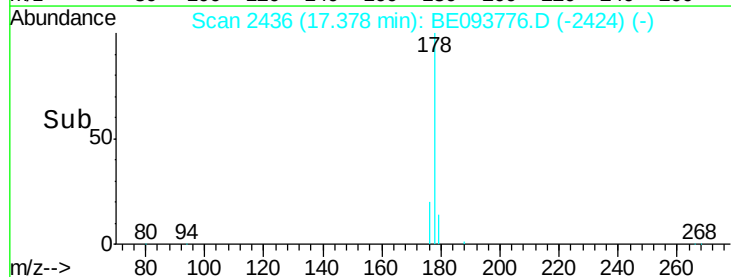
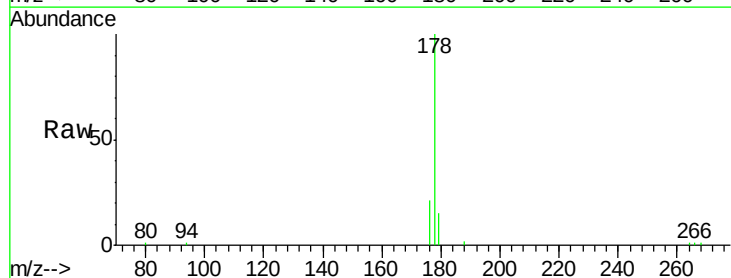
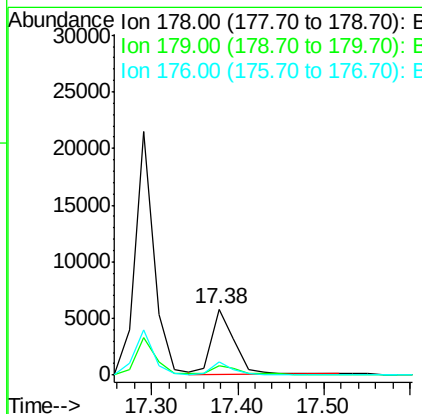
Delta R.T. -0.00 min

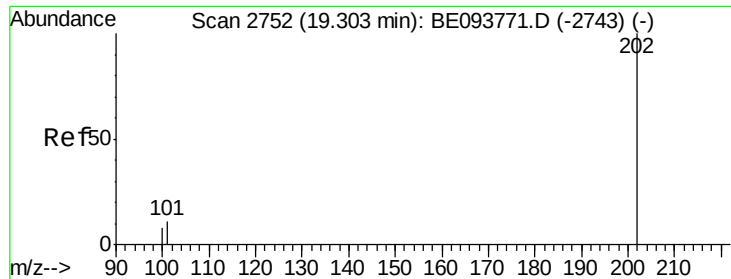
Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

Tgt Ion:178 Resp: 10502

Ion	Ratio	Lower	Upper
178	100		
179	14.6	18.1	27.1#
176	20.7	14.7	22.1





#15

Fluoranthene

Concen: 0.342 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

Instrument :

BNA_E

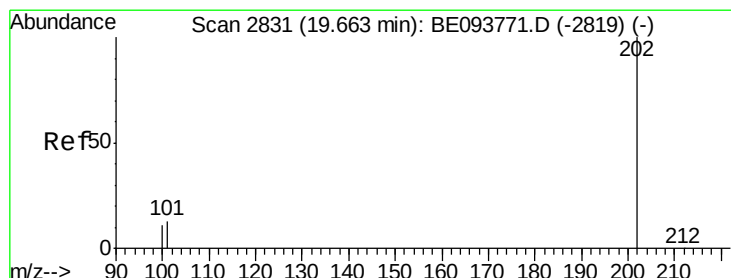
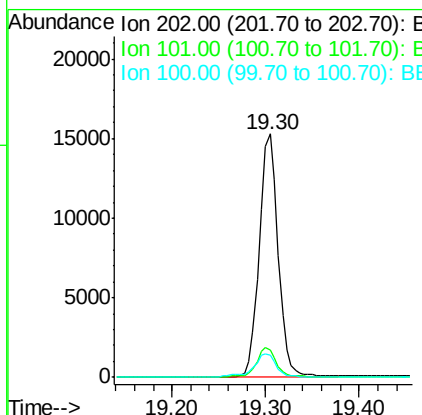
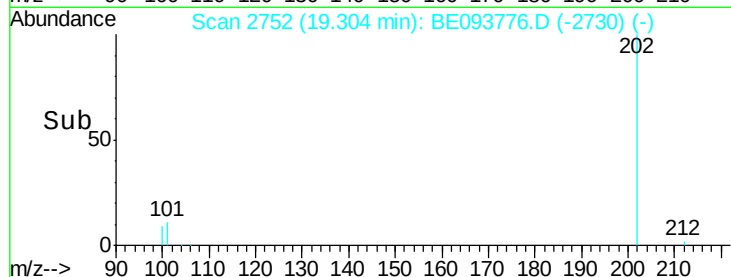
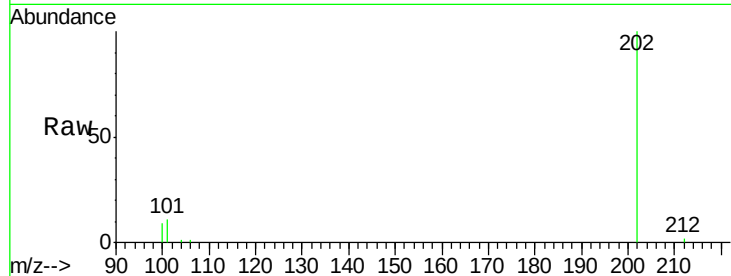
ClientSampleId :

X2A53

Tgt Ion:	202	Resp:	21269
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	30.3
100	9.1	0.0	39.5

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#17

Pyrene

Concen: 0.421 ng/ul

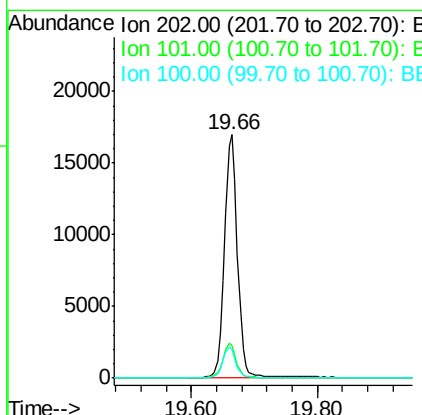
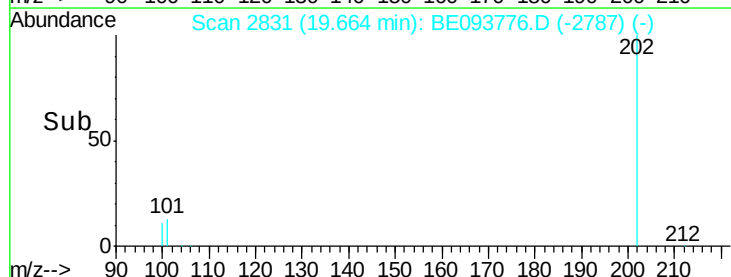
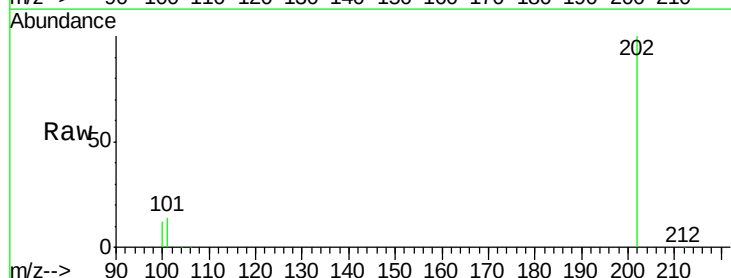
RT: 19.66 min Scan# 2831

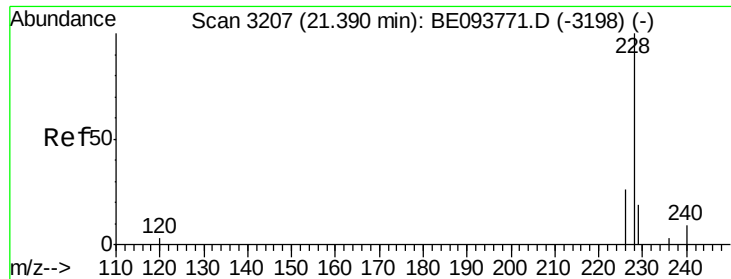
Delta R.T. 0.00 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

Tgt Ion:	202	Resp:	23853
Ion Ratio	Lower	Upper	
202	100		
101	13.5	18.2	27.4#
100	11.6	15.6	23.4#





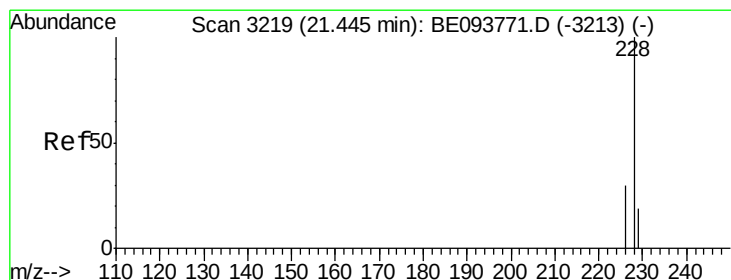
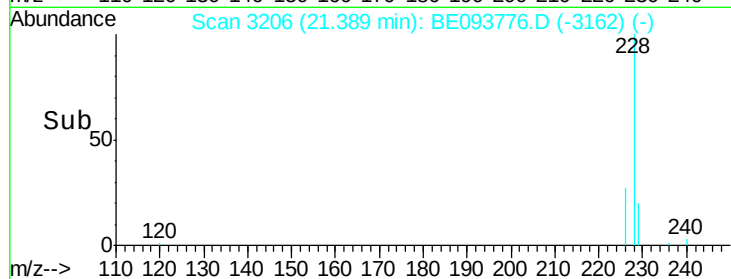
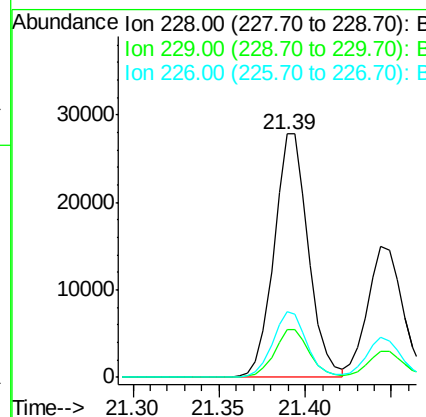
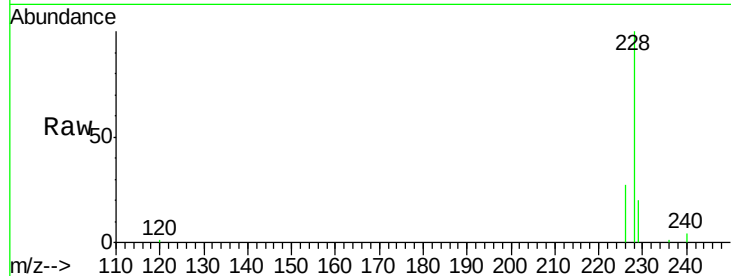
#18
Benzo(a)anthracene
Concen: 0.683 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BE093776.D
Acq: 11 Aug 2017 18:58

Instrument :
BNA_E
ClientSampleId :
X2A53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	22.8	34.2#
226	27.0	17.0	25.6#

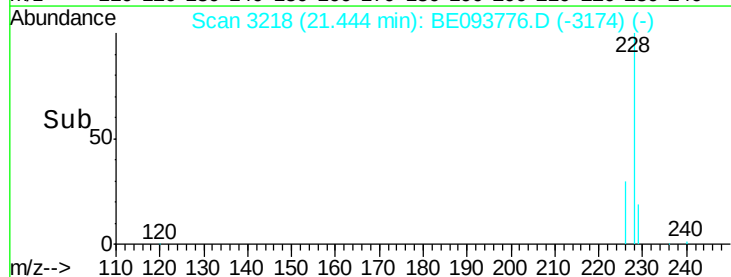
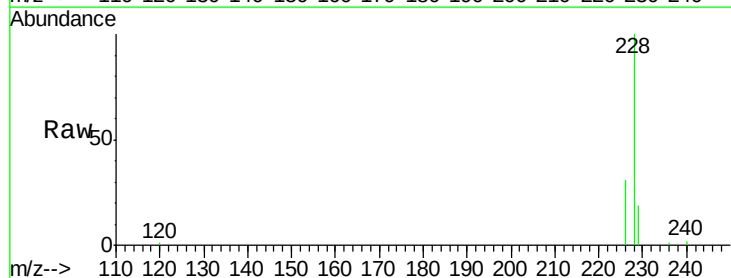
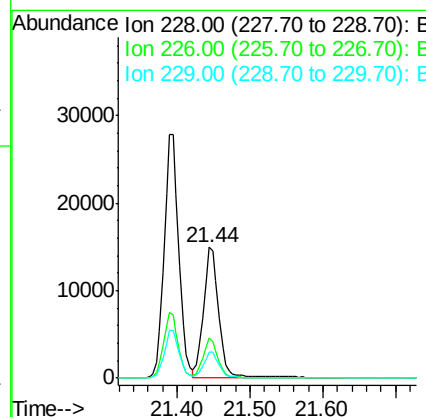
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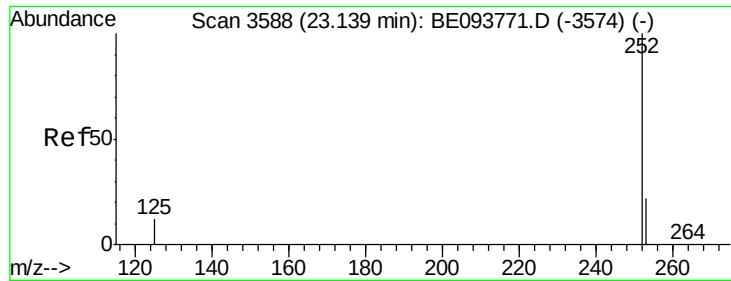
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#19
Chrysene
Concen: 0.394 ng/ul
RT: 21.44 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BE093776.D
Acq: 11 Aug 2017 18:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	19.5	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.316 ng/ul m

RT: 23.14 min Scan# 3587

Delta R.T. 0.00 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

Instrument :

BNA_E

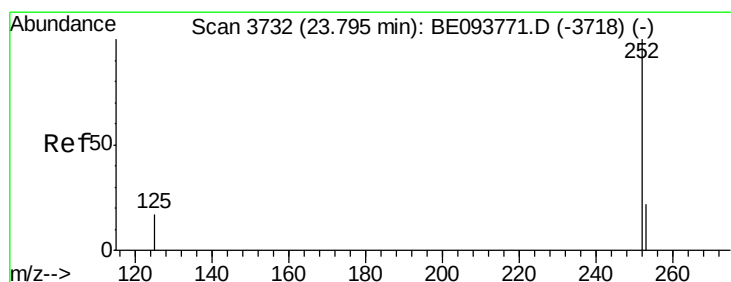
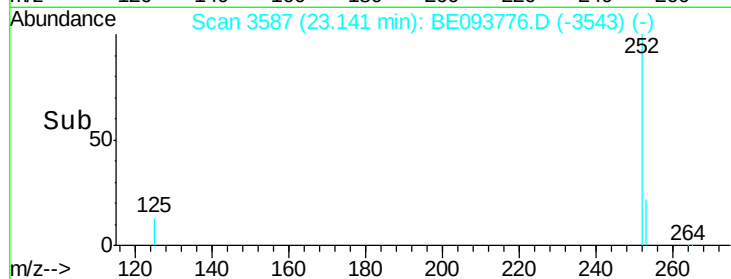
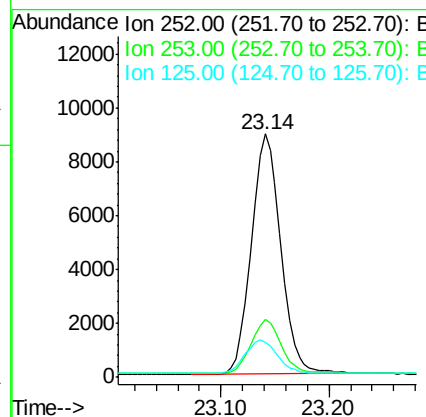
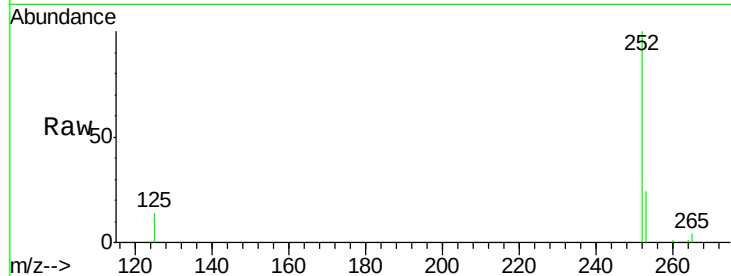
ClientSampleId :

X2A53

Tgt Ion:	252	Resp:	16847
Ion Ratio	Lower	Upper	
252	100		
253	23.7	0.0	64.2
125	14.4	0.0	35.0

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#23

Benzo(a)pyrene

Concen: 0.479 ng/ul m

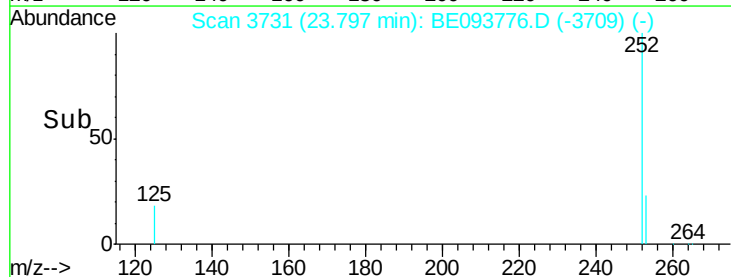
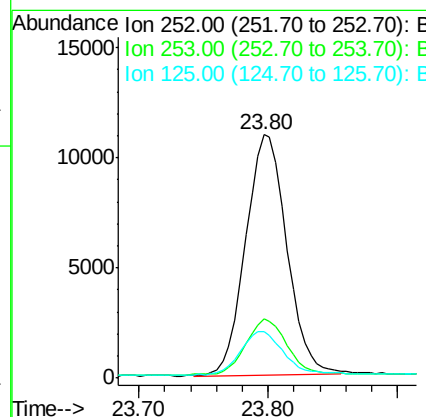
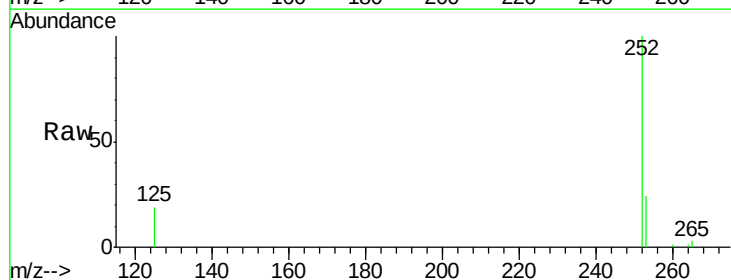
RT: 23.80 min Scan# 3731

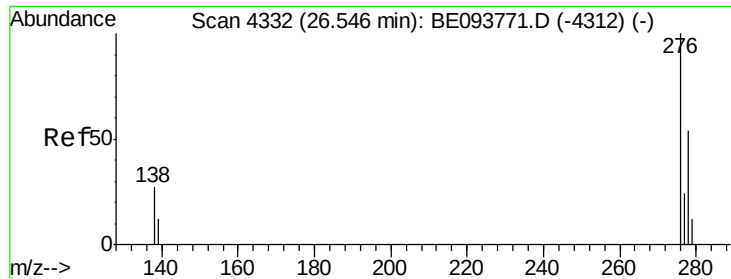
Delta R.T. 0.00 min

Lab File: BE093776.D

Acq: 11 Aug 2017 18:58

Tgt Ion:	252	Resp:	24272
Ion Ratio	Lower	Upper	
252	100		
253	24.2	28.5	42.7#
125	19.2	18.1	27.1





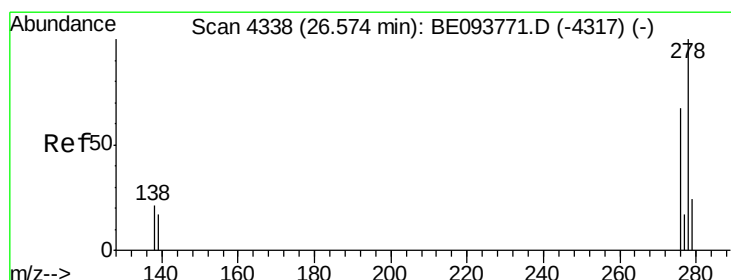
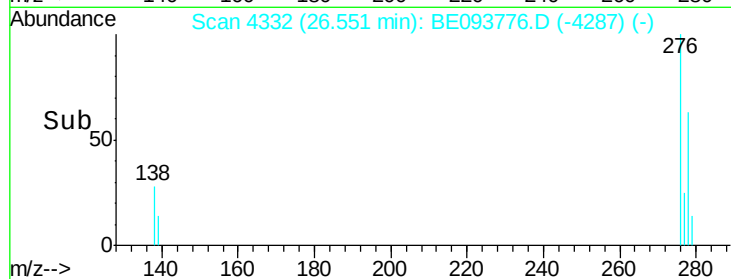
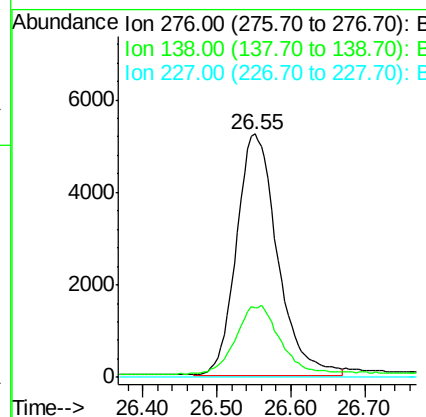
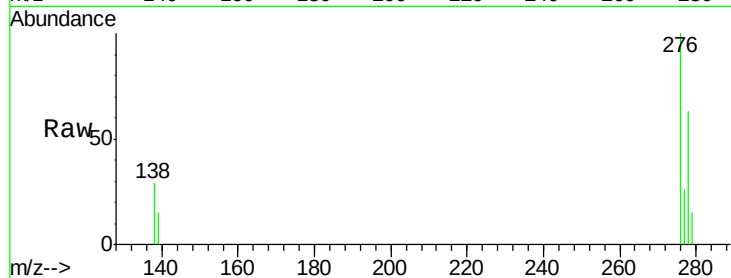
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.362 ng/ul m
 RT: 26.55 min Scan# 4332
 Delta R.T. 0.00 min
 Lab File: BE093776.D
 Acq: 11 Aug 2017 18:58

Instrument :
 BNA_E
 ClientSampleId :
 X2A53

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	0.0	28.0	42.0#
227	0.0	8.0	12.0#

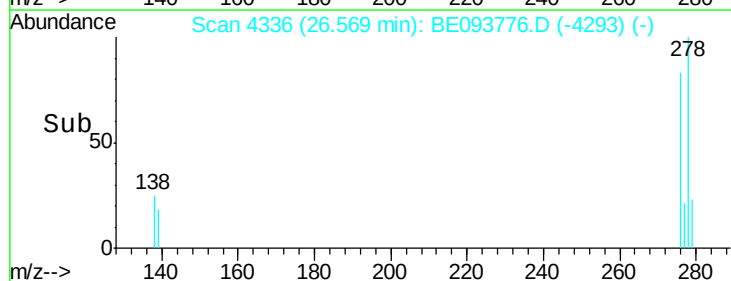
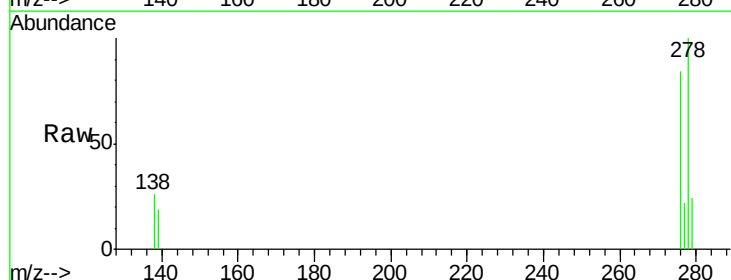
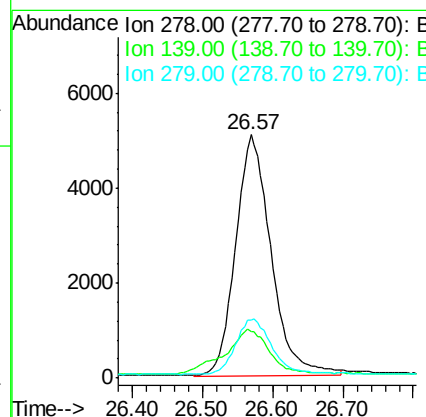
Manual Integrations
 APPROVED

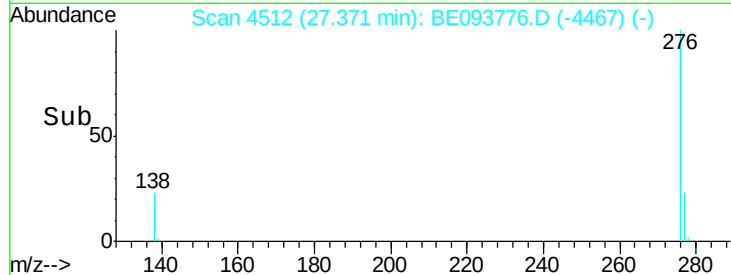
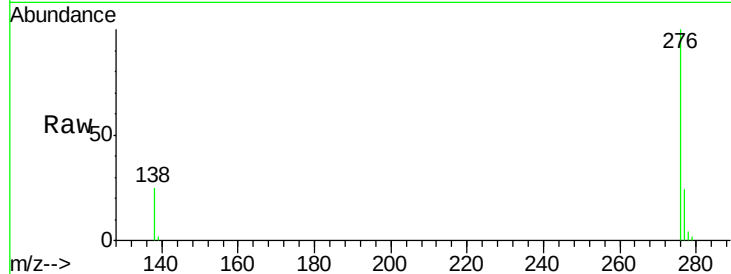
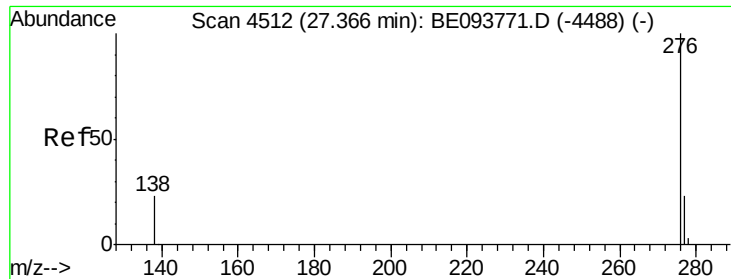
sohil
 8/14/2017 7:00:39 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.381 ng/ul m
 RT: 26.57 min Scan# 4336
 Delta R.T. -0.00 min
 Lab File: BE093776.D
 Acq: 11 Aug 2017 18:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	19.2	17.4	26.0
279	23.8	25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 0.415 ng/ul m
 RT: 27.37 min Scan# 4512
 Delta R.T. 0.00 min
 Lab File: BE093776.D
 Acq: 11 Aug 2017 18:58

Tgt Ion:	276	Resp:	19559
Ion Ratio	Lower	Upper	
276	100		
138	24.7	21.8	32.8
277	23.8	20.5	30.7

Instrument :
 BNA_E
 ClientSampleId :
 X2A53

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:00:39 PM

