

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE083116\
 Data File : BE092314.D
 Acq On : 31 Aug 2016 12:44
 Operator : UM/SJ
 Sample : MDL-01-S
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-01-S

Manual Integrations
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Quant Time: Aug 31 15:17:27 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 11:18:03 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	5601	0.40	ng/ul	0.00
2) Naphthalene-d8	10.49	136	30126	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.33	164	17567	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	38215	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	41515	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	40435	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.08	152	10794	0.27	ng/ul	-0.01
14) Fluoranthene-d10	19.09	212	26402	0.28	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.54	128	3847	0.06	ng/ul	96
5) 2-Methylnaphthalene	12.15	142	2550	0.06	ng/ul	99
7) Acenaphthylene	14.05	152	4253	0.06	ng/ul	97
8) Acenaphthene	14.39	153	2881	0.05	ng/ul	99
9) Fluorene	15.39	166	3176	0.05	ng/ul#	99
11) Pentachlorophenol	16.74	266	252	0.06	ng/ul	92
12) Phenanthrene	17.10	178	5322	0.06	ng/ul	97
13) Anthracene	17.21	178	5134m	0.06	ng/ul	
15) Fluoranthene	19.13	202	6169	0.06	ng/ul	93
17) Pyrene	19.49	202	6487	0.07	ng/ul#	100
18) Benzo(a)anthracene	21.22	228	6019	0.07	ng/ul#	93
19) Chrysene	21.27	228	6326	0.06	ng/ul	93
21) Benzo(b)fluoranthene	22.90	252	5564	0.06	ng/ul#	60
22) Benzo(k)fluoranthene	22.95	252	6394	0.05	ng/ul#	64
23) Benzo(a)pyrene	23.52	252	5975	0.06	ng/ul#	28
24) Indeno(1,2,3-cd)pyrene	26.14	276	6518	0.06	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.16	278	5364	0.06	ng/ul#	66
26) Benzo(g,h,i)perylene	26.91	276	5573	0.05	ng/ul#	79

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

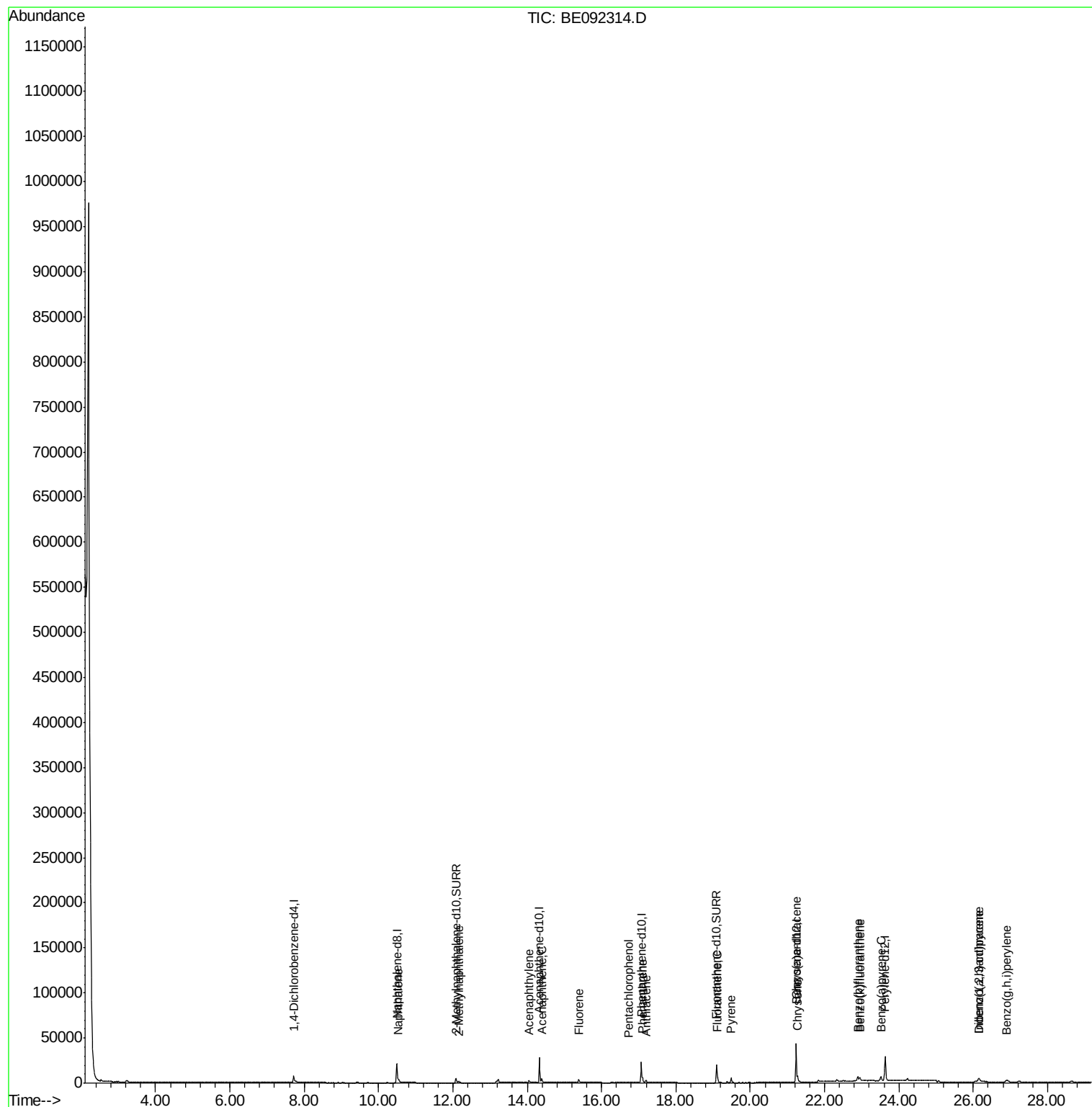
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE083116\
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ALS Vial : 4 Sample Multiplier: 1

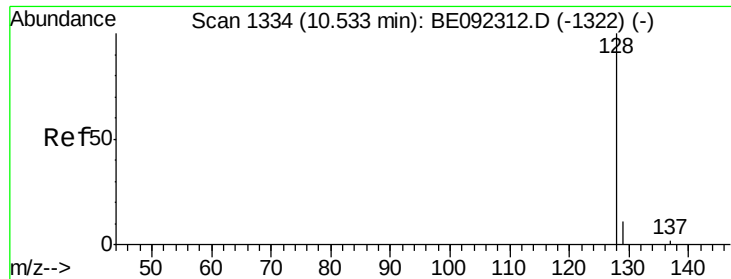
Instrument :
BNA_E
ClientSampleId :
MDL-01-S

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#3

Naphthalene

Concen: 0.06 ng/ul

RT: 10.54 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BE092314.D

Acq: 31 Aug 2016 12:44

Instrument :

BNA_E

ClientSampleId :

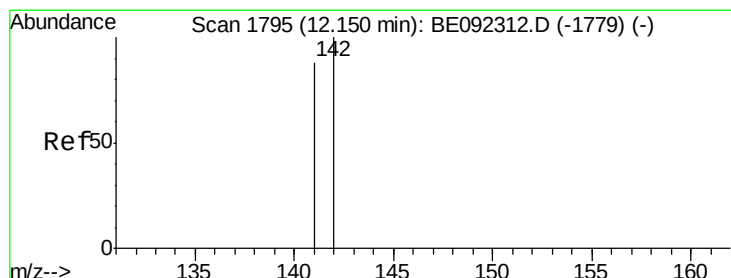
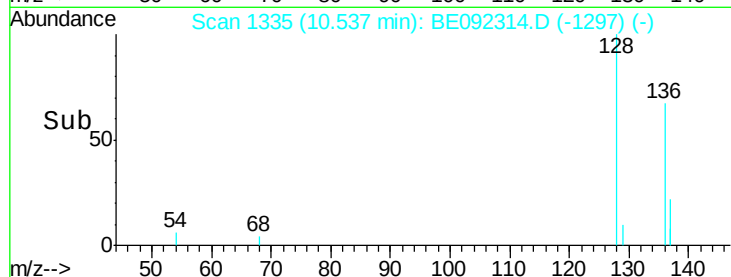
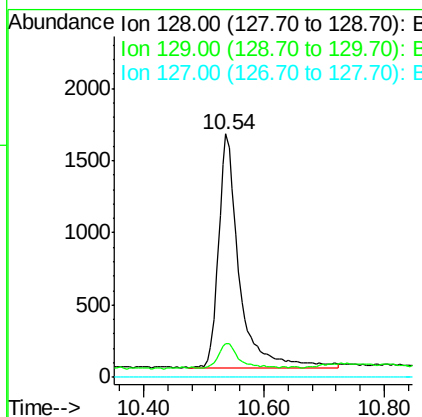
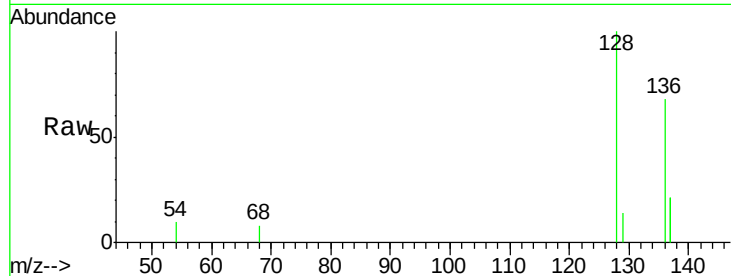
MDL-01-S

Tgt Ion:128 Resp: 3847

Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.7	14.5
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.06 ng/ul

RT: 12.15 min Scan# 1796

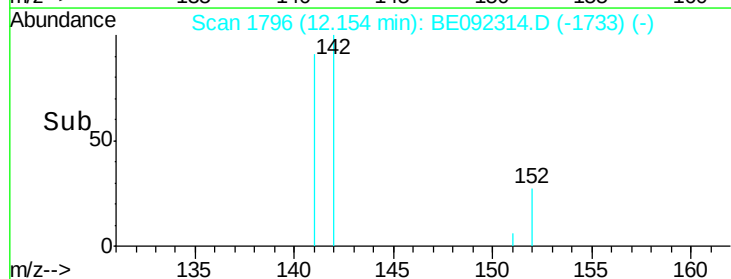
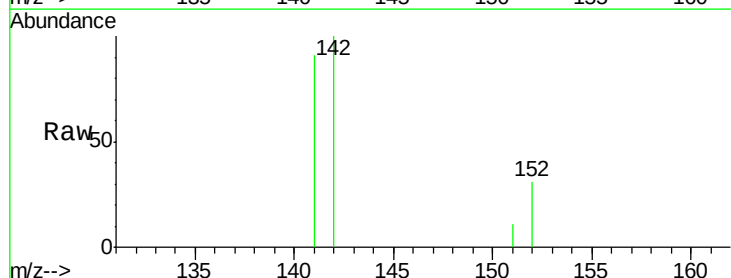
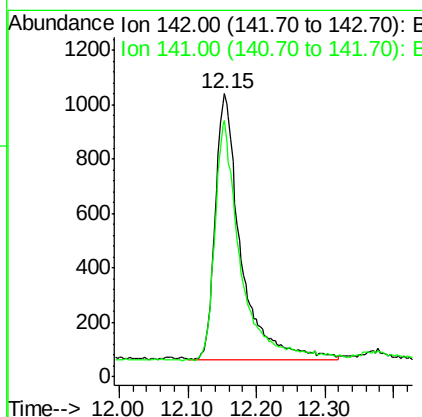
Delta R.T. -0.01 min

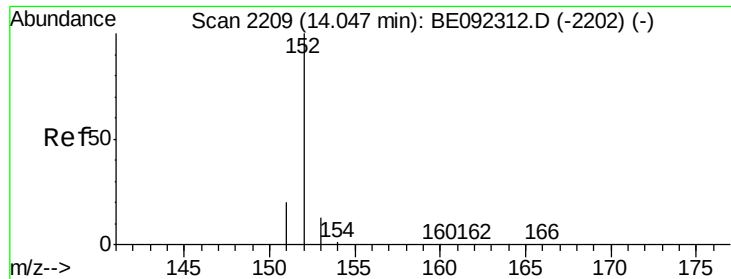
Lab File: BE092314.D

Acq: 31 Aug 2016 12:44

Tgt Ion:142 Resp: 2550

Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.9	107.9





#7

Acenaphthylene

Concen: 0.06 ng/ul

RT: 14.05 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BE092314.D

Acq: 31 Aug 2016 12:44

Instrument :

BNA_E

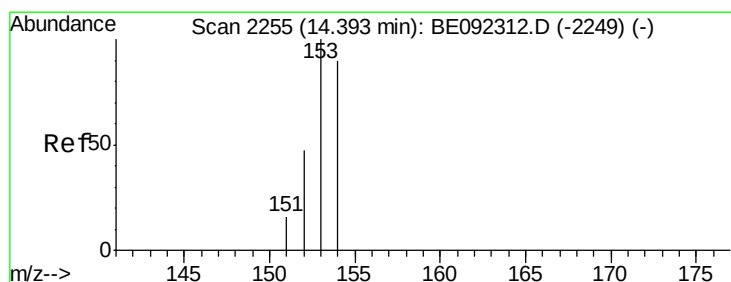
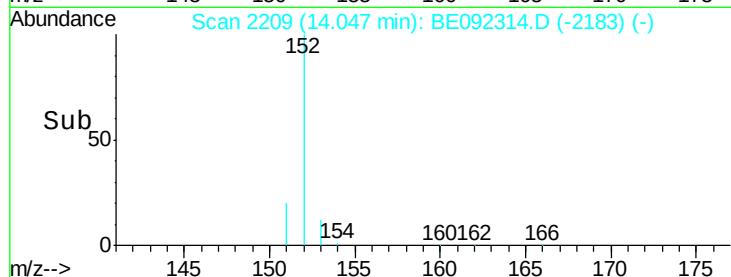
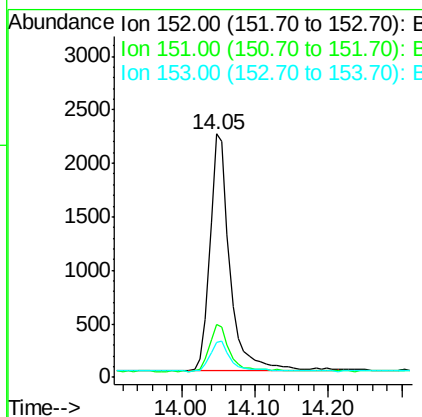
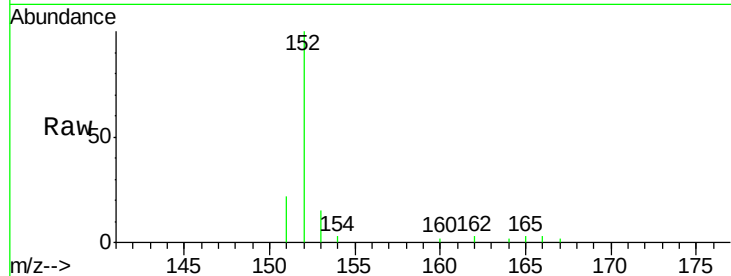
ClientSampleId :

MDL-01-S

Tgt Ion:	152	Resp:	4253
Ion Ratio	Lower	Upper	
152	100		
151	21.9	16.2	24.2
153	14.6	11.2	16.8

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#8

Acenaphthene

Concen: 0.05 ng/ul

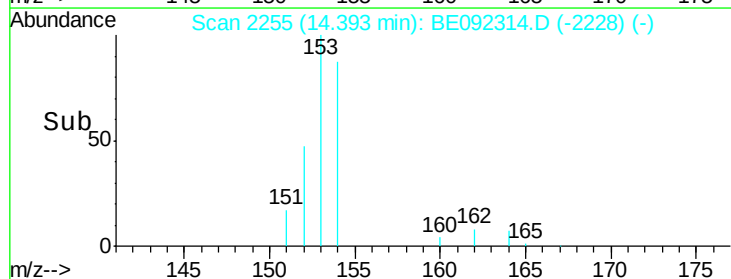
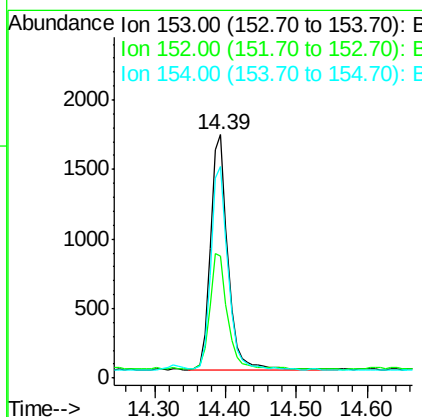
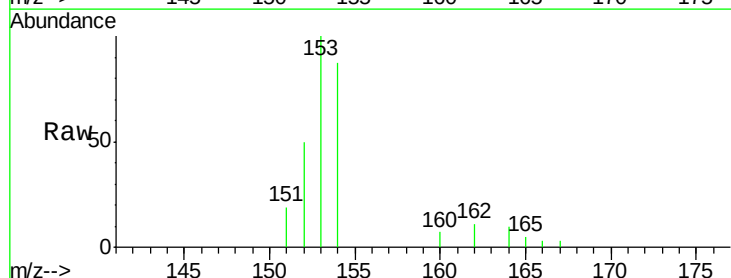
RT: 14.39 min Scan# 2255

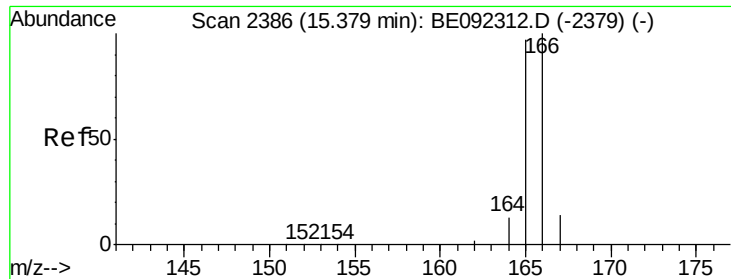
Delta R.T. 0.00 min

Lab File: BE092314.D

Acq: 31 Aug 2016 12:44

Tgt Ion:	153	Resp:	2881
Ion Ratio	Lower	Upper	
153	100		
152	50.1	40.9	61.3
154	87.1	70.6	106.0





#9

Fluorene

Concen: 0.05 ng/ul

RT: 15.39 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BE092314.D

Acq: 31 Aug 2016 12:44

Instrument :

BNA_E

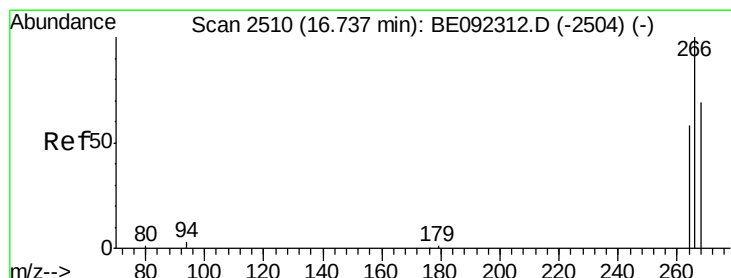
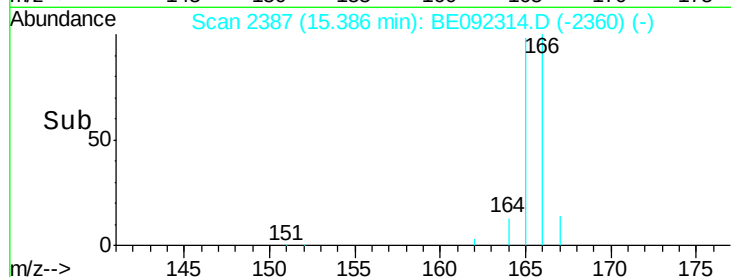
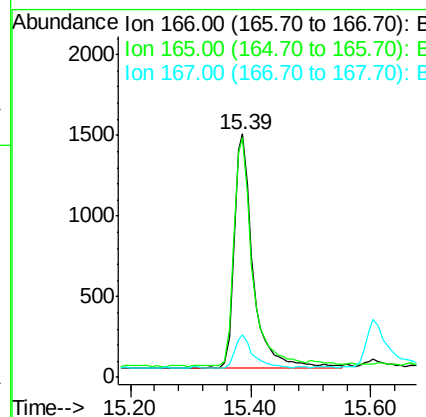
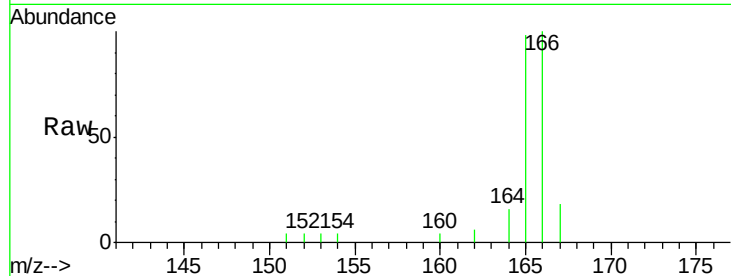
ClientSampleId :

MDL-01-S

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.7	118.1
167	17.6	11.5	17.3

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#11

Pentachlorophenol

Concen: 0.06 ng/ul

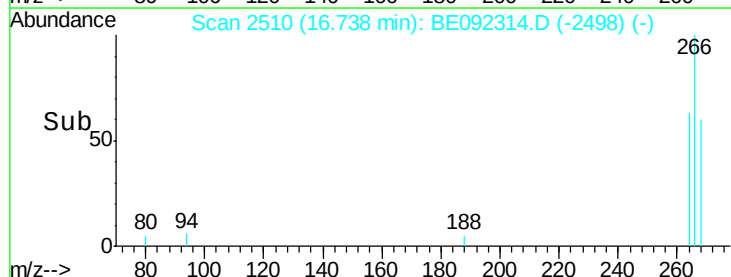
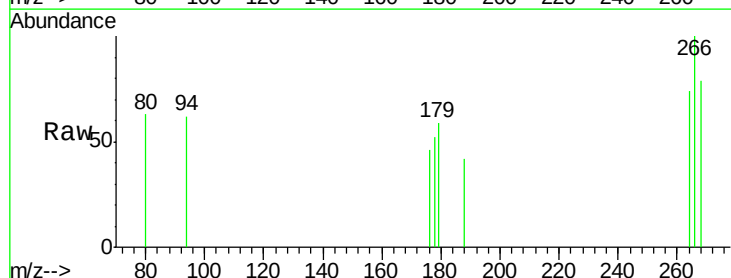
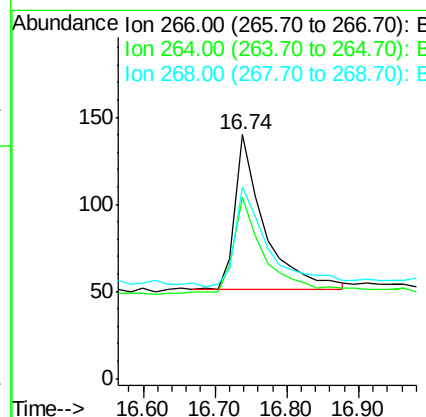
RT: 16.74 min Scan# 2510

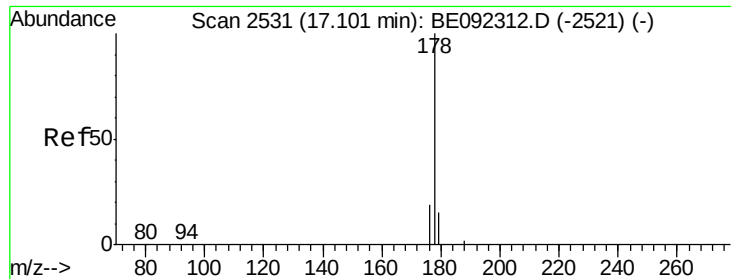
Delta R.T. 0.00 min

Lab File: BE092314.D

Acq: 31 Aug 2016 12:44

Tgt Ion	Ratio	Lower	Upper
266	100		
264	72.2	53.0	79.6
268	71.4	52.3	78.5





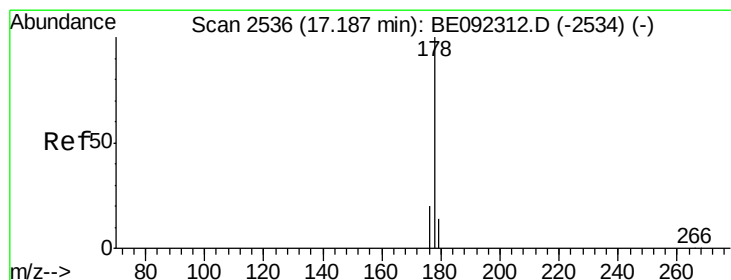
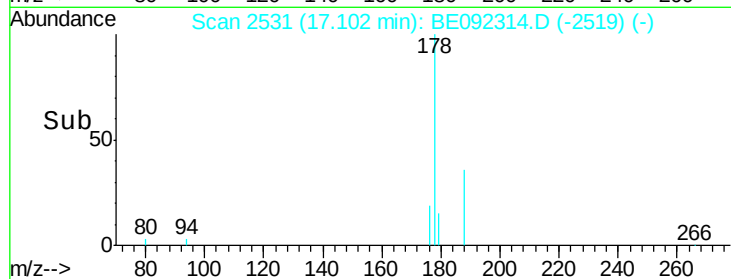
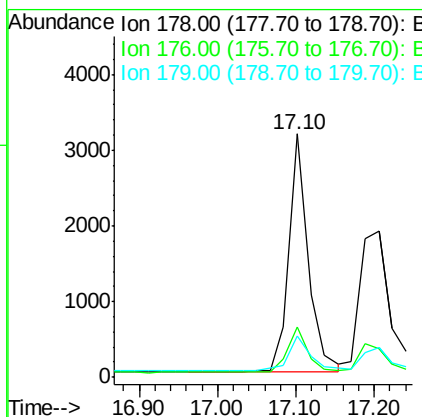
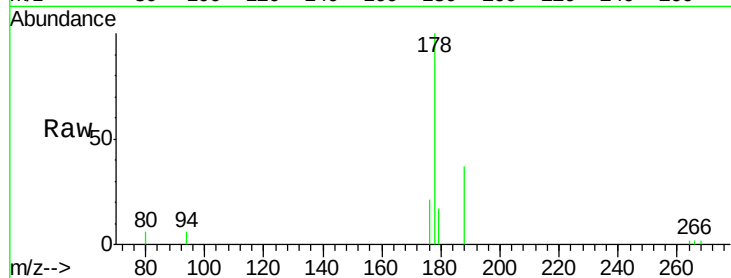
#12
Phenanthrene
Concen: 0.06 ng/ul
RT: 17.10 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BE092314.D
Acq: 31 Aug 2016 12:44

Instrument :
BNA_E
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	17.0	11.9	17.9

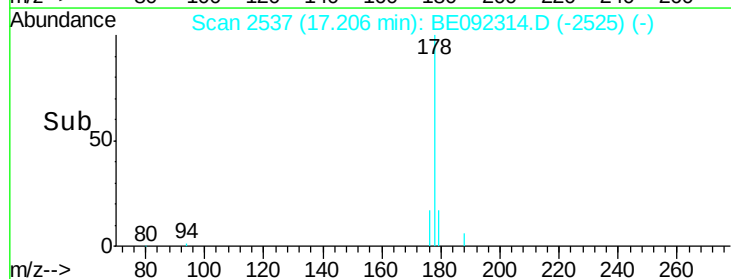
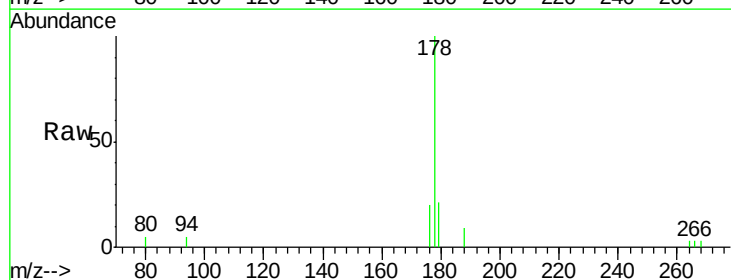
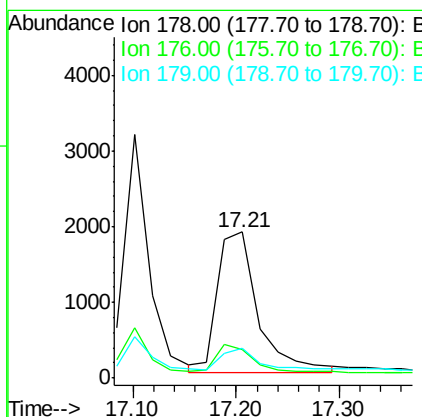
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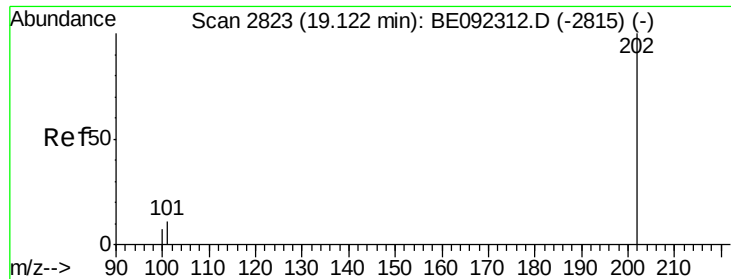
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#13
Anthracene
Concen: 0.06 ng/ul m
RT: 17.21 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BE092314.D
Acq: 31 Aug 2016 12:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.0	21.0
179	20.6	13.6	20.4





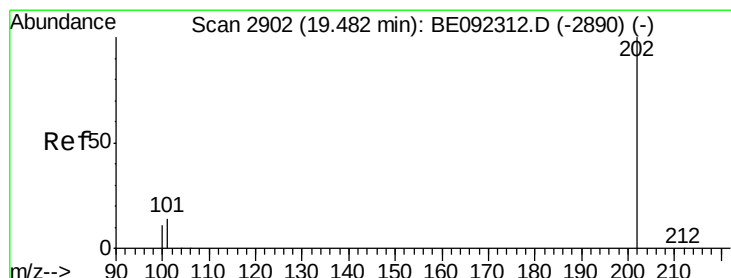
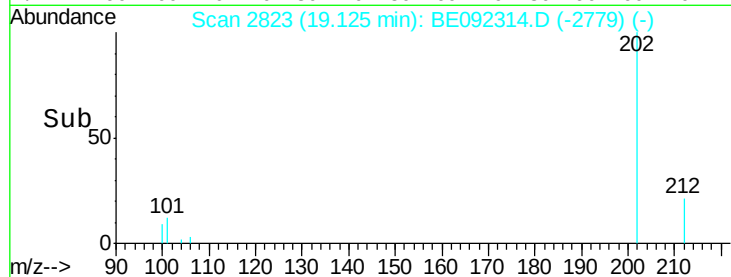
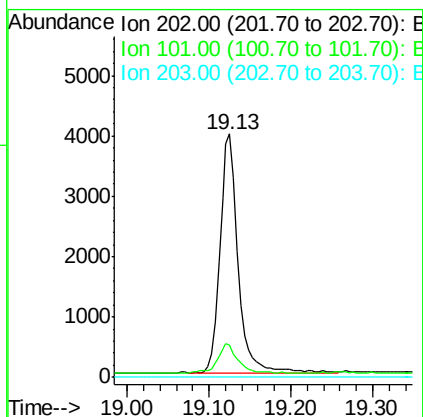
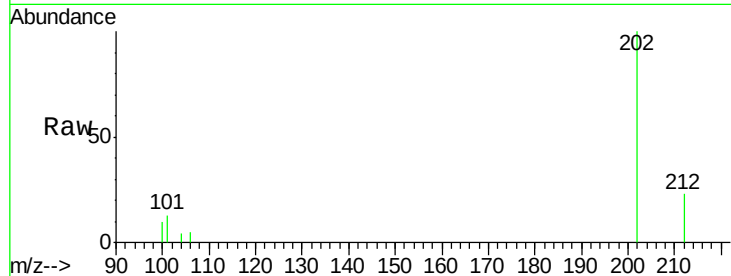
#15
Fluoranthene
Concen: 0.06 ng/ul
RT: 19.13 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BE092314.D
Acq: 31 Aug 2016 12:44

Instrument :
BNA_E
ClientSampled :
MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	6169		
101	13.4	0.0	30.8	
203	0.0	0.0	20.0	

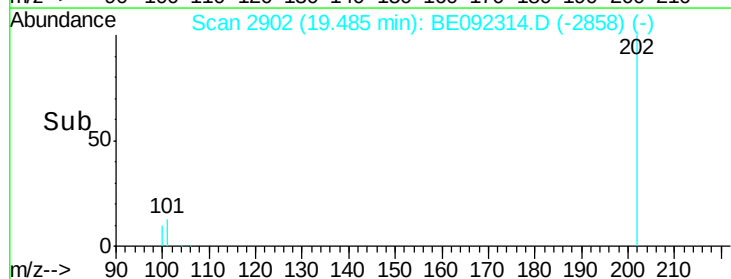
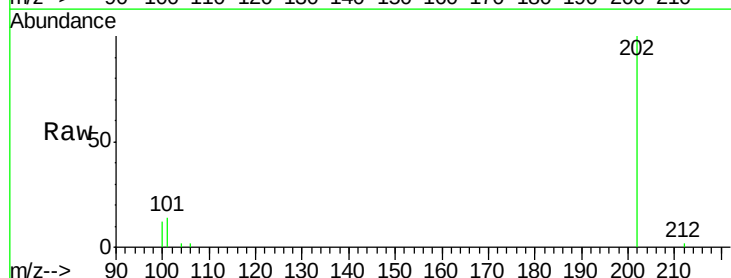
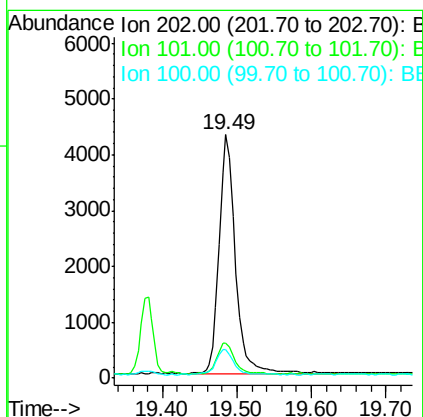
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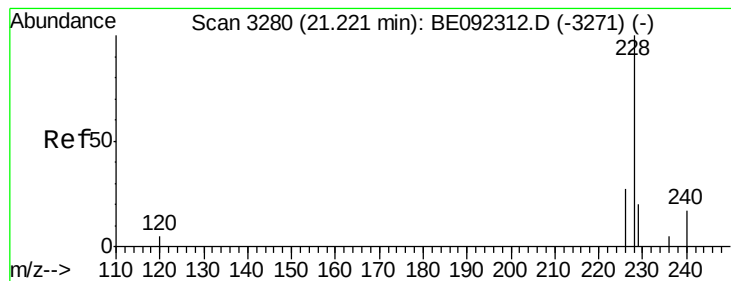
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#17
Pyrene
Concen: 0.07 ng/ul
RT: 19.49 min Scan# 2902
Delta R.T. 0.00 min
Lab File: BE092314.D
Acq: 31 Aug 2016 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	6487		
101	14.2	0.0	0.0#	
100	11.5	0.0	0.0#	





#18

Benzo(a)anthracene

Concen: 0.07 ng/ul

RT: 21.22 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BE092314.D

Acq: 31 Aug 2016 12:44

Instrument :

BNA_E

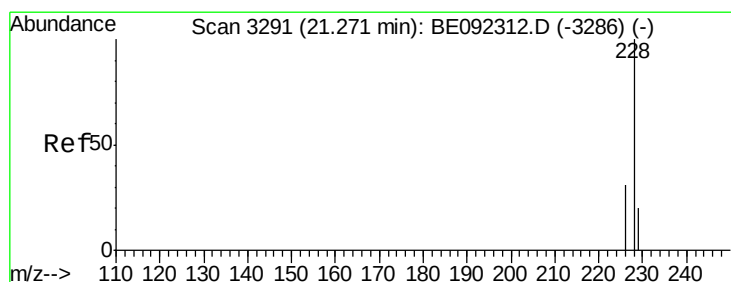
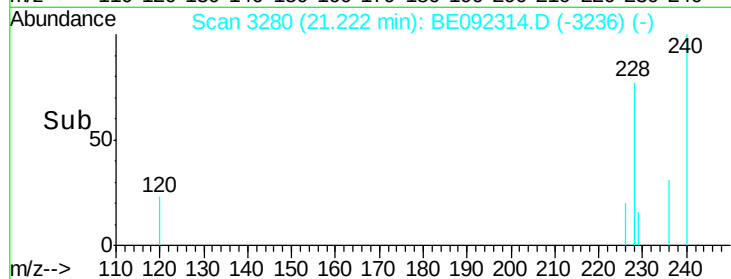
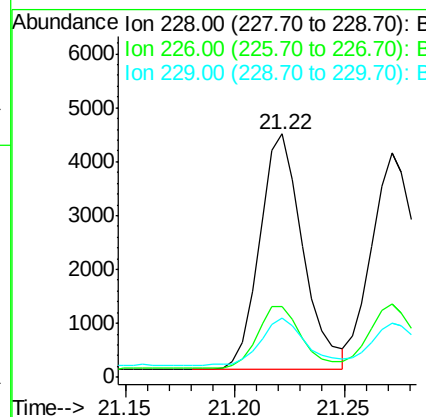
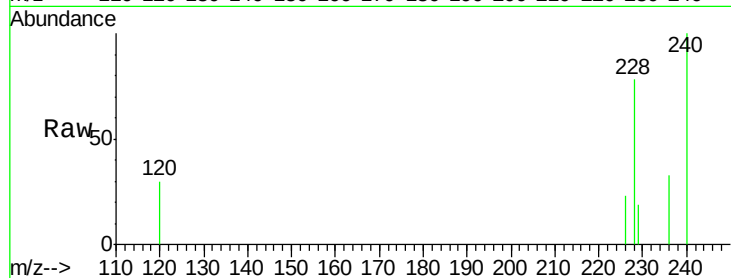
ClientSampleId :

MDL-01-S

Tgt Ion:	228	Resp:	6019
Ion Ratio	Lower	Upper	
228	100		
226	29.0	21.6	32.4
229	24.6	15.9	23.9

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#19

Chrysene

Concen: 0.06 ng/ul

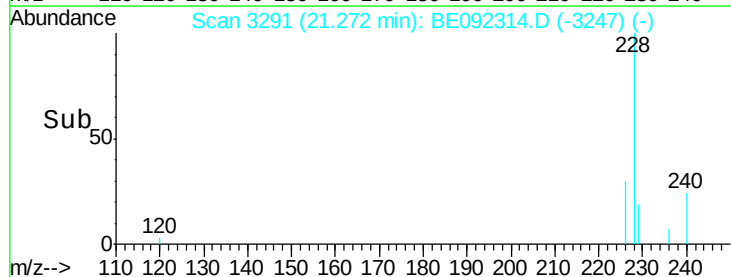
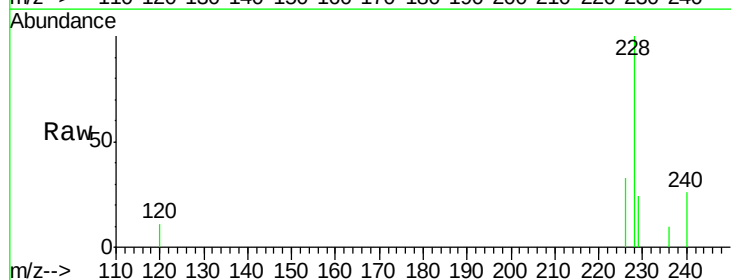
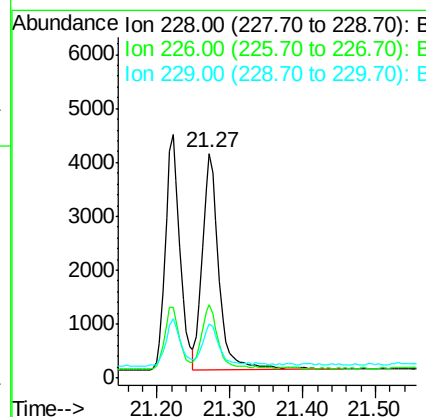
RT: 21.27 min Scan# 3291

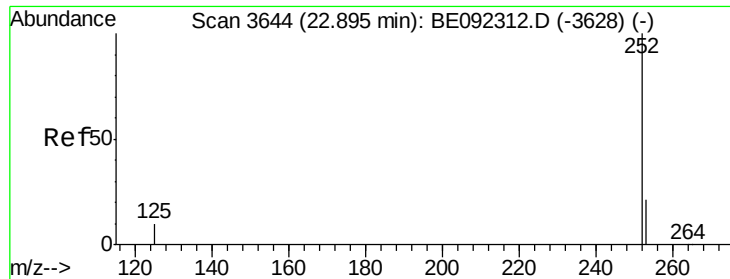
Delta R.T. -0.00 min

Lab File: BE092314.D

Acq: 31 Aug 2016 12:44

Tgt Ion:	228	Resp:	6326
Ion Ratio	Lower	Upper	
228	100		
226	32.9	23.8	35.8
229	23.9	16.0	24.0





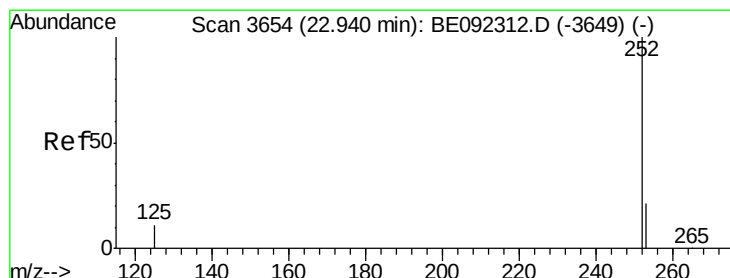
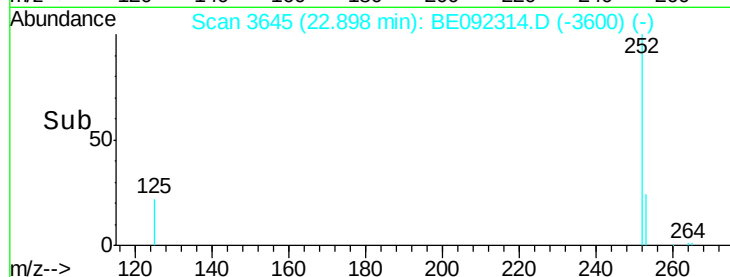
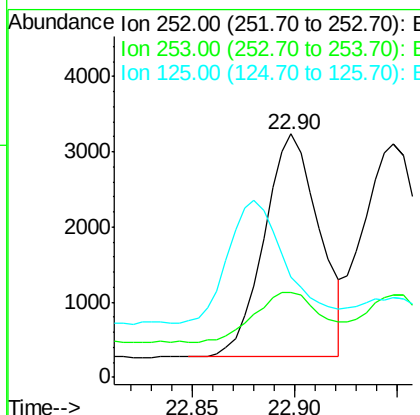
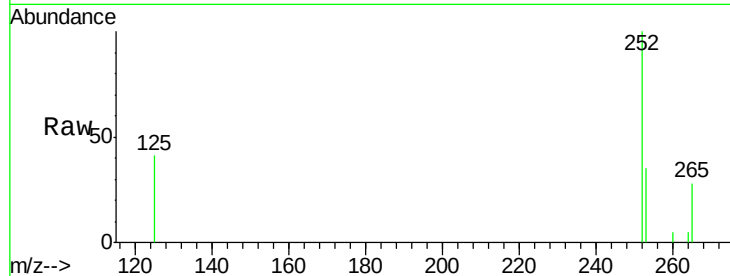
#21
Benzo(b)fluoranthene
Concen: 0.06 ng/ul
RT: 22.90 min Scan# 3645
Delta R.T. 0.00 min
Lab File: BE092314.D
Acq: 31 Aug 2016 12:44

Instrument :
BNA_E
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.9	0.0	47.6
125	41.3	0.0	24.2#

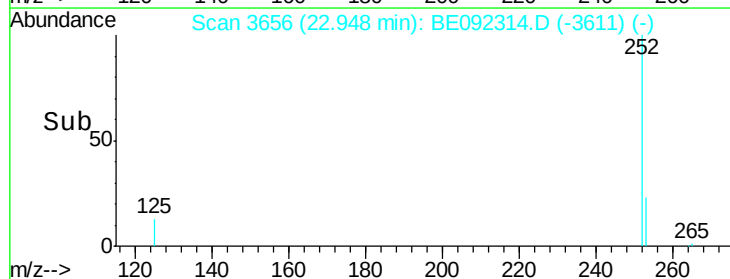
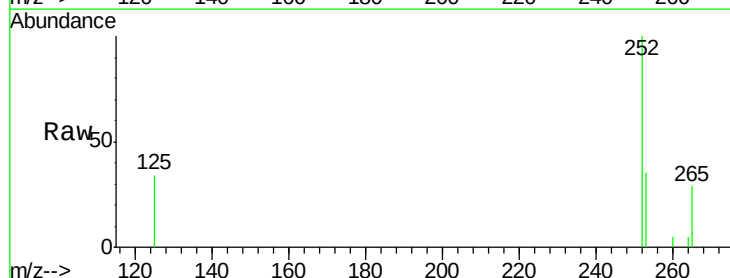
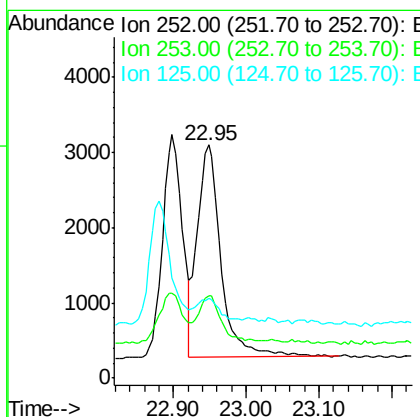
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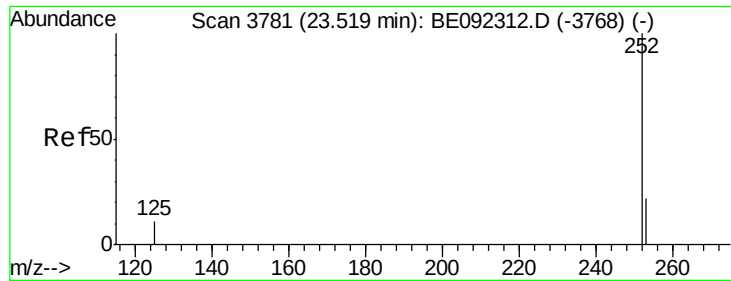
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#22
Benzo(k)fluoranthene
Concen: 0.05 ng/ul
RT: 22.95 min Scan# 3656
Delta R.T. 0.00 min
Lab File: BE092314.D
Acq: 31 Aug 2016 12:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.5	18.7	28.1#
125	34.5	9.7	14.5#





#23

Benzo(a)pyrene

Concen: 0.06 ng/ul

RT: 23.52 min Scan# 3782

Delta R.T. 0.00 min

Lab File: BE092314.D

Acq: 31 Aug 2016 12:44

Instrument :

BNA_E

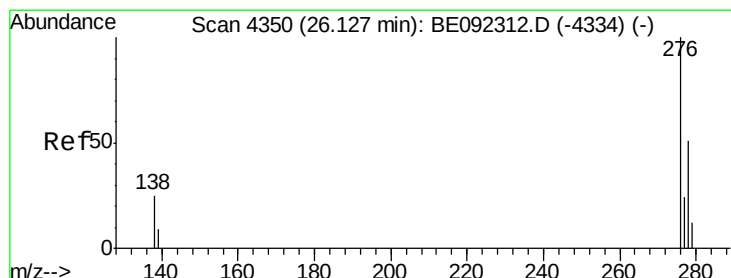
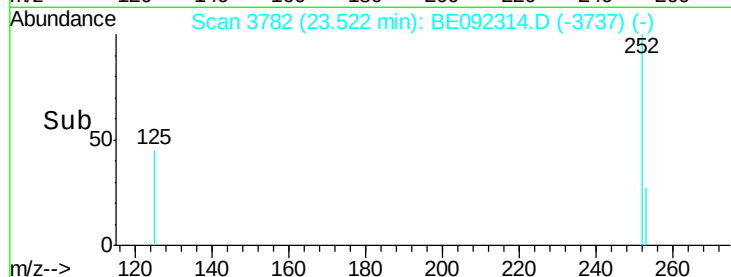
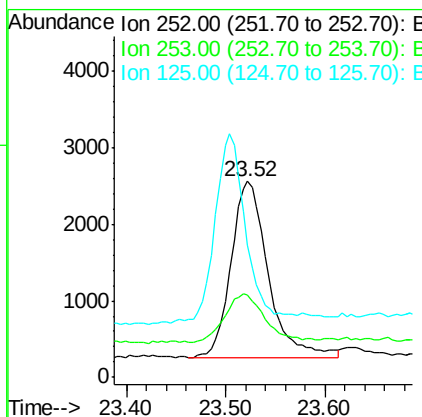
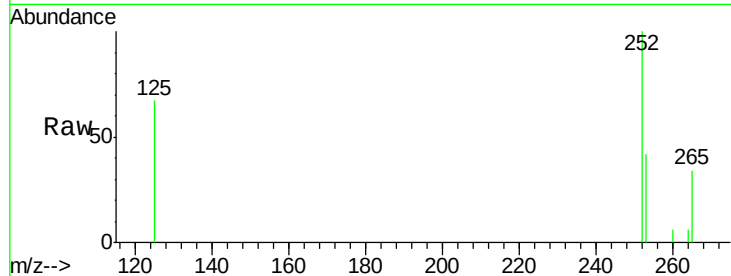
ClientSampleId :

MDL-01-S

Tgt Ion:	252	Resp:	5975
Ion Ratio	Lower	Upper	
252	100		
253	41.8	18.8	28.2#
125	67.4	11.9	17.9#

Manual Integrations
APPROVED

sohil
8/31/2016 6:08:12 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.06 ng/ul

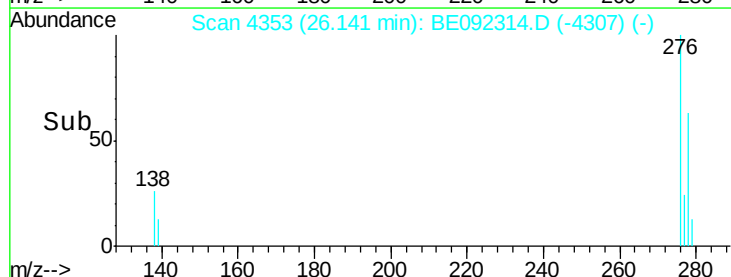
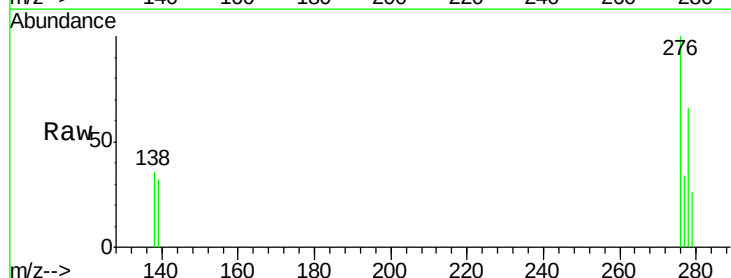
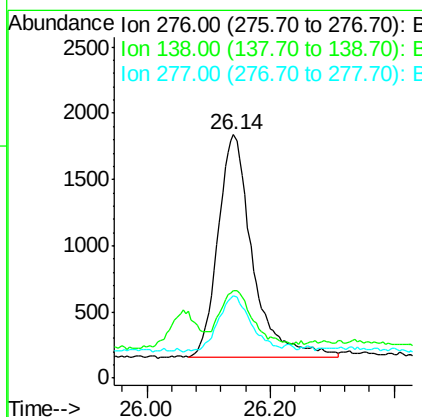
RT: 26.14 min Scan# 4353

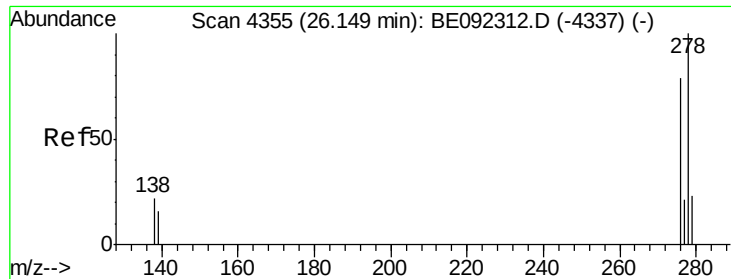
Delta R.T. 0.01 min

Lab File: BE092314.D

Acq: 31 Aug 2016 12:44

Tgt Ion:	276	Resp:	6518
Ion Ratio	Lower	Upper	
276	100		
138	23.5	0.0	0.0#
277	24.1	0.0	0.0#





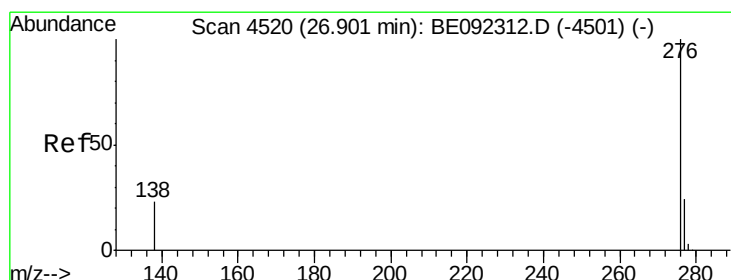
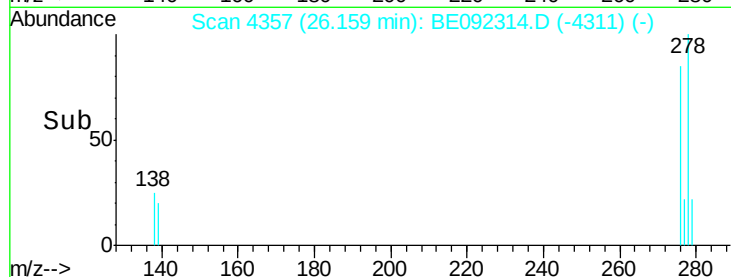
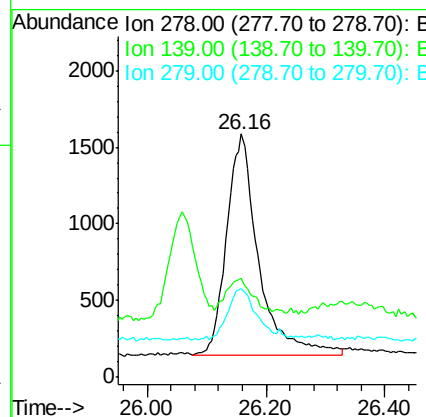
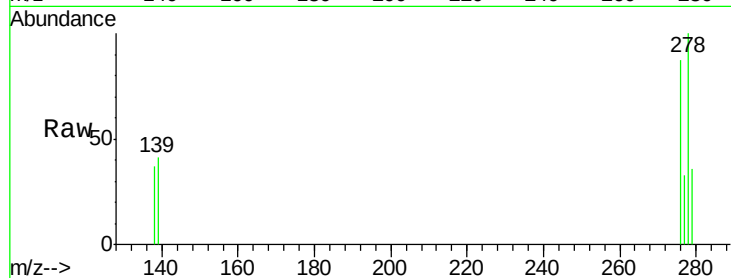
#25
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 26.16 min Scan# 4357
Delta R.T. 0.01 min
Lab File: BE092314.D
Acq: 31 Aug 2016 12:44

Instrument :
BNA_E
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.5	14.6	22.0#
279	36.4	20.2	30.2#

Manual Integrations
APPROVED

sohil
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#26
Benzo(g,h,i)perylene
Concen: 0.05 ng/ul
RT: 26.91 min Scan# 4521
Delta R.T. 0.01 min
Lab File: BE092314.D
Acq: 31 Aug 2016 12:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	34.2	19.5	29.3#
138	35.3	19.2	28.8#

