

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091809.D
 Acq On : 19 May 2016 14:26
 Operator : UM/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE051916

Manual Integrations
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Quant Time: May 19 15:43:39 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 15:36:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	21024	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	105910	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	73123	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	204890	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	277072	5.00	ng	-0.02
35) Perylene-d12	23.73	264	238237	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	1977	0.36	ng	0.00
5) Phenol-d6	6.95	99	2629	0.34	ng	0.00
8) Nitrobenzene-d5	8.95	82	2426	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.89	330	937	0.33	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	7818	0.38	ng	0.00
29) Terphenyl-d14	19.74	244	14680	0.37	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	1087	0.44	ng	# 93
3) n-Nitrosodimethylamine	3.63	42	1191	0.35	ng	95
6) bis(2-Chloroethyl)ether	7.21	93	2198	0.35	ng	# 78
9) Nitrobenzene	8.99	77	2401	0.33	ng	95
10) Naphthalene	10.61	128	8892	0.38	ng	99
11) Hexachlorobutadiene	10.90	225	1337m	0.39	ng	
12) 2-Methylnaphthalene	12.22	142	5850	0.37	ng	98
16) Acenaphthylene	14.12	152	12087	0.37	ng	# 72
17) Acenaphthene	14.46	154	7188	0.37	ng	86
18) Fluorene	15.45	166	9539	0.38	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	2920	0.38	ng	92
21) Hexachlorobenzene	16.45	284	3082	0.39	ng	99
22) Pentachlorophenol	16.79	266	1044	0.32	ng	95
23) Phenanthrene	17.17	178	19270	0.39	ng	98
24) Anthracene	17.26	178	16561	0.37	ng	99
25) Fluoranthene	19.19	202	20622	0.38	ng	# 97
27) Benzdine	19.38	184	5390	0.33	ng	# 80
28) Pyrene	19.55	202	21815	0.36	ng	100
30) Benzo(a)anthracene	21.27	228	25043m	0.37	ng	
31) 3,3'-Dichlorobenzidine	21.22	252	13436	0.32	ng	# 93
32) Chrysene	21.33	228	22900m	0.44	ng	
33) Bis(2-ethylhexyl)phthalate	21.20	149	8245	0.45	ng	# 80
34) Indeno(1,2,3-cd)pyrene	26.27	276	24419	0.36	ng	95
36) Benzo(b)fluoranthene	22.97	252	21679	0.36	ng	97
37) Benzo(k)fluoranthene	23.02	252	22494	0.37	ng	98
38) Benzo(a)pyrene	23.61	252	20583	0.36	ng	98
39) Dibenzo(a,h)anthracene	26.29	278	20059	0.36	ng	97
40) Benzo(g,h,i)perylene	27.06	276	21120	0.37	ng	94

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

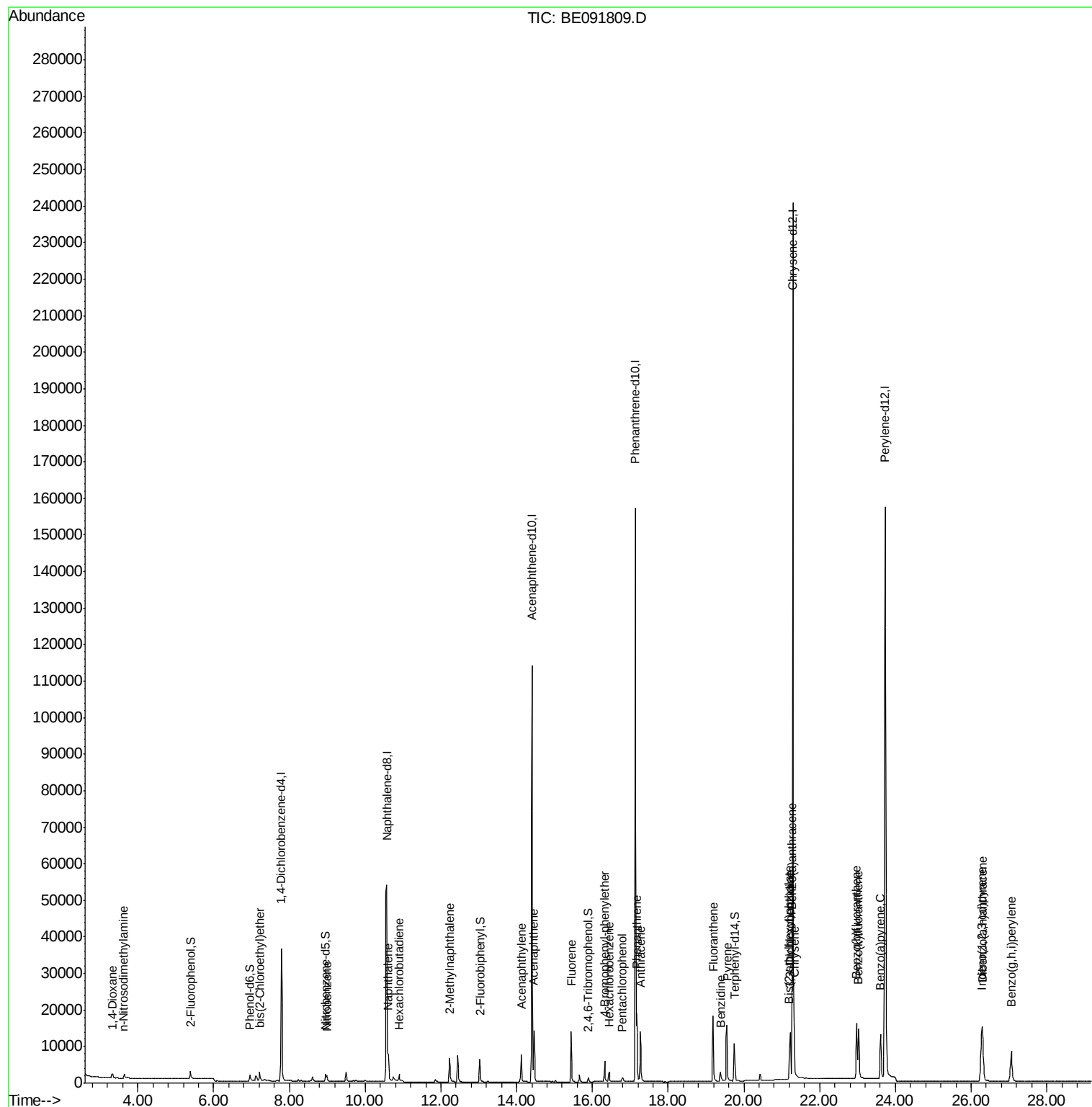
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
Data File : BE091809.D
Acq On : 19 May 2016 14:26
Operator : UM/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE051916

Manual Integrations
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Quant Time: May 19 15:43:39 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 15:36:49 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.79 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Instrument :

BNA_E

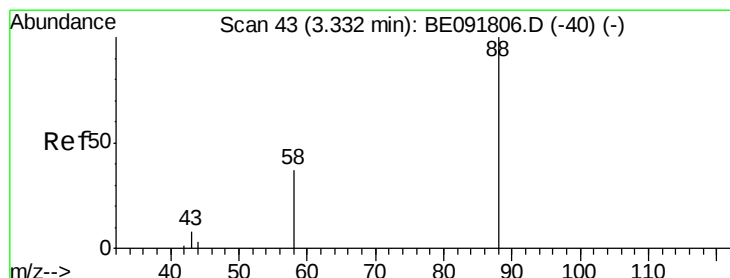
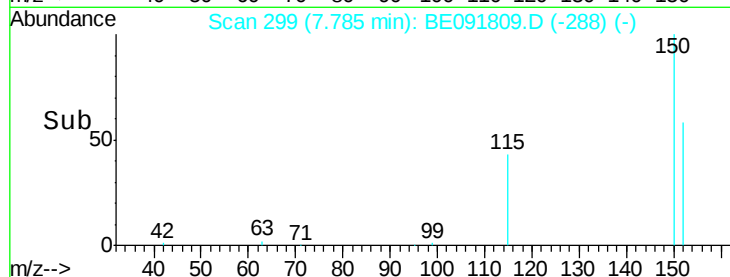
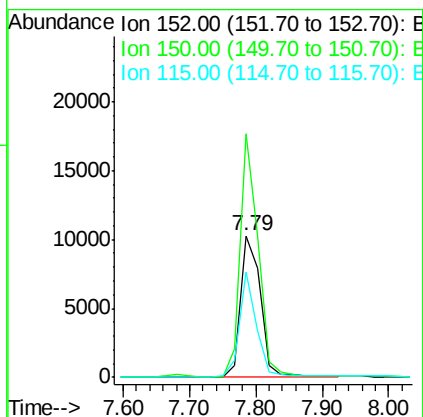
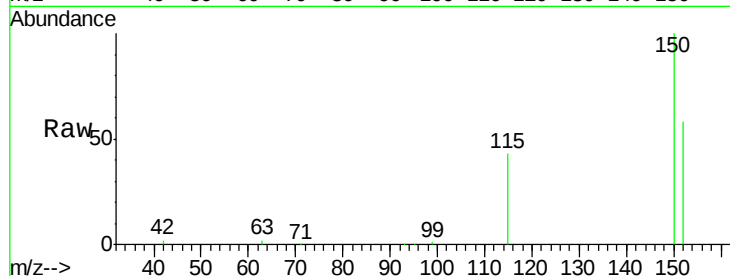
ClientSampleId :

ICVBE051916

Tgt Ion: 152 Resp: 21024
 Ion Ratio Lower Upper
 152 100
 150 171.7 122.6 183.8
 115 74.4 52.8 79.2

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#2

1,4-Dioxane

Concen: 0.44 ng

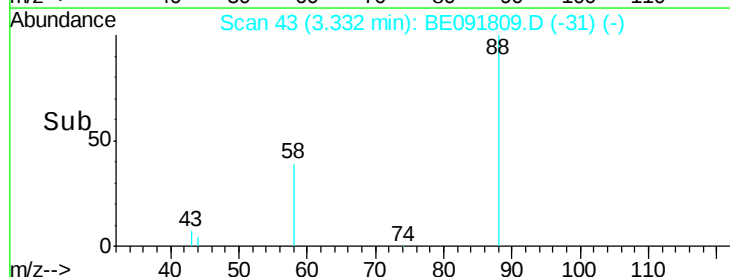
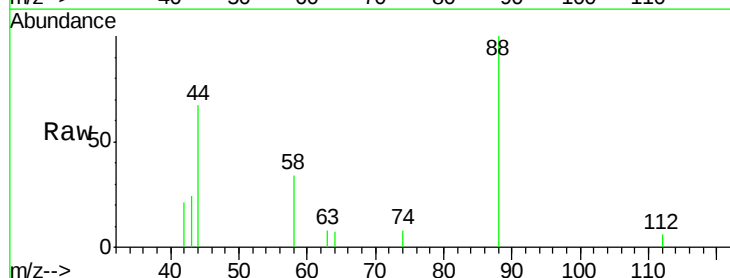
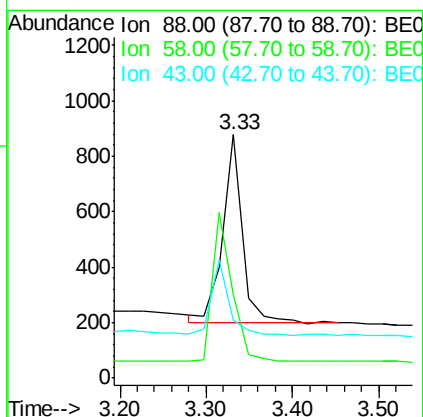
RT: 3.33 min Scan# 43

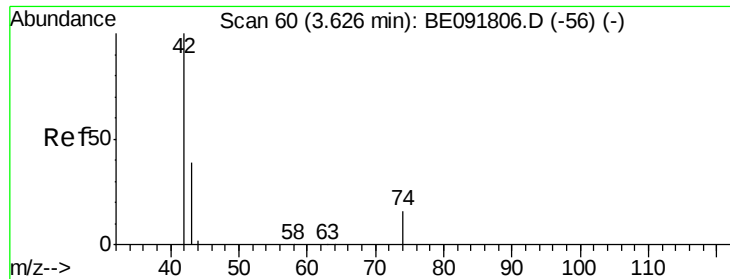
Delta R.T. 0.00 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Tgt Ion: 88 Resp: 1087
 Ion Ratio Lower Upper
 88 100
 58 78.2 65.8 98.6
 43 38.9 25.3 37.9#





#3

n-Nitrosodimethylamine

Concen: 0.35 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Instrument :

BNA_E

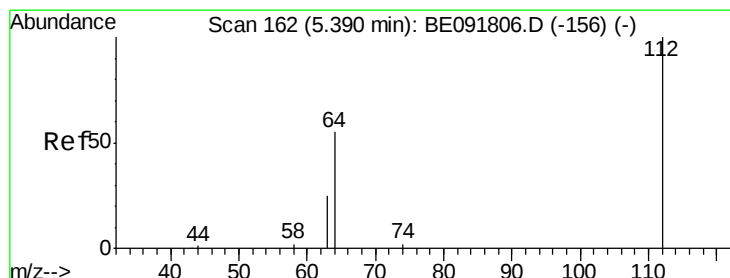
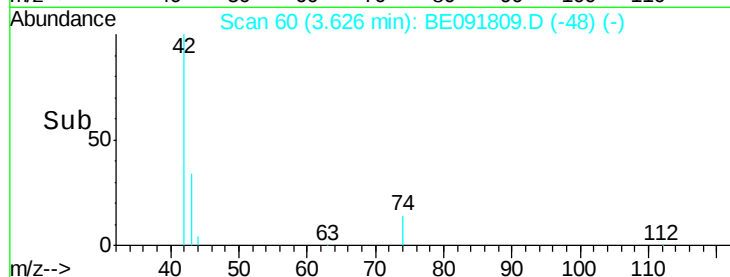
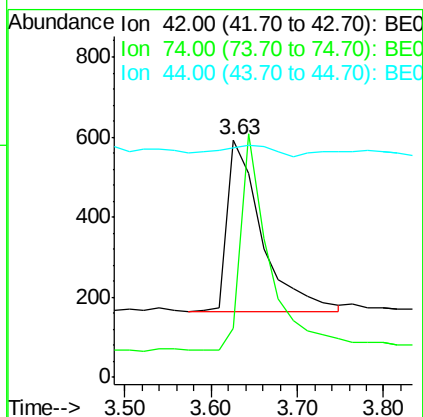
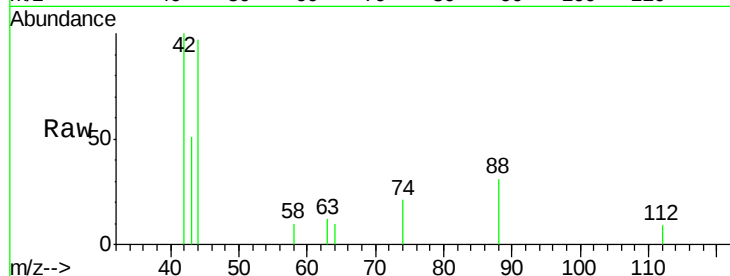
ClientSampleId :

ICVBE051916

Tgt Ion:	42	Resp:	1191
Ion	Ratio	Lower	Upper
42	100		
74	104.8	87.9	131.9
44	9.8	6.6	9.8

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#4

2-Fluorophenol

Concen: 0.36 ng

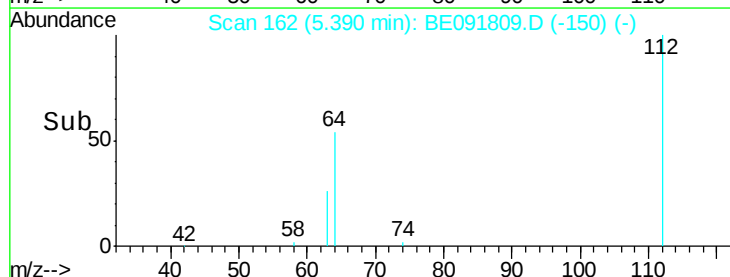
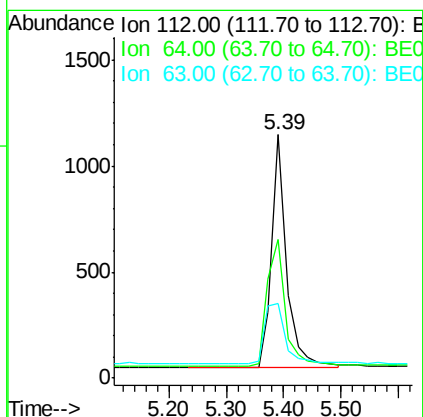
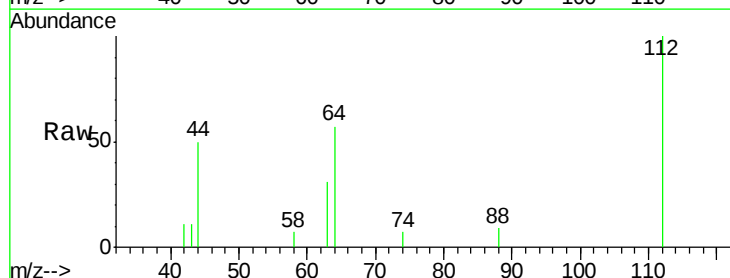
RT: 5.39 min Scan# 162

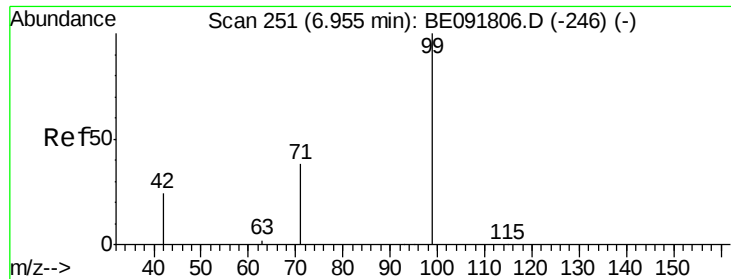
Delta R.T. 0.00 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Tgt Ion:	112	Resp:	1977
Ion	Ratio	Lower	Upper
112	100		
64	66.6	30.9	46.3#
63	36.3	16.7	25.1#





#5

Phenol-d6

Concen: 0.34 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Instrument :

BNA_E

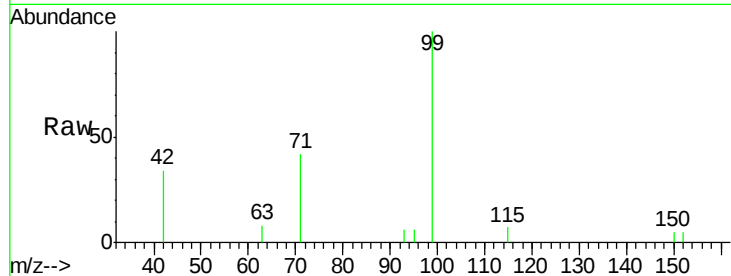
ClientSampled :

ICVBE051916

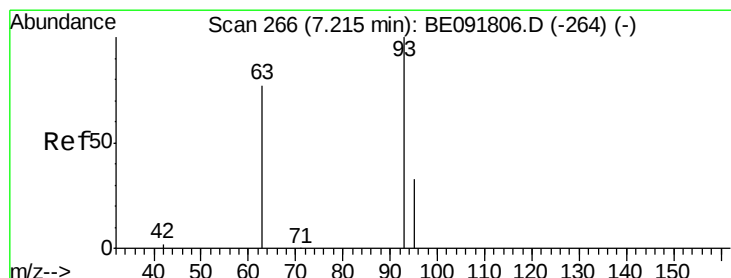
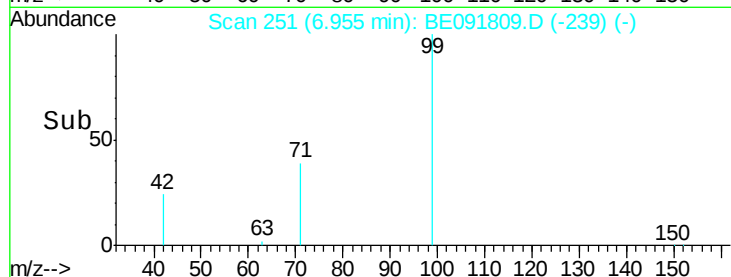
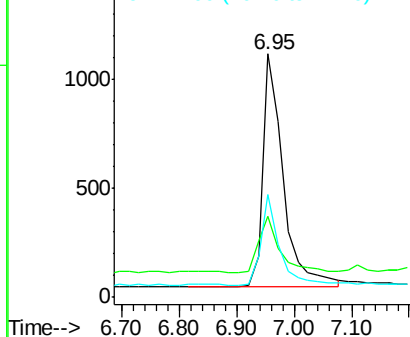
Tgt Ion:	99	Resp:	2629
Ion	Ratio	Lower	Upper
99	100		
42	25.8	16.2	24.2#
71	35.7	29.0	43.4

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Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.35 ng

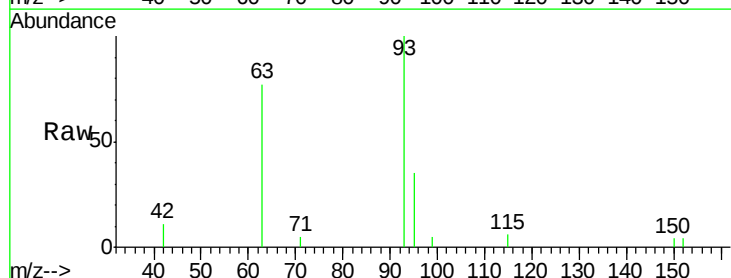
RT: 7.21 min Scan# 266

Delta R.T. 0.00 min

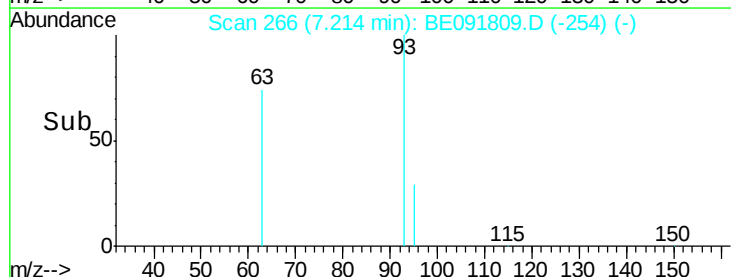
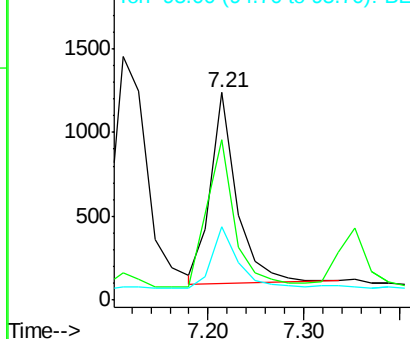
Lab File: BE091809.D

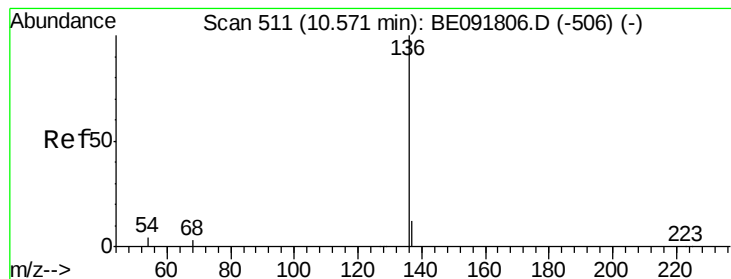
Acq: 19 May 2016 14:26

Tgt Ion:	93	Resp:	2198
Ion	Ratio	Lower	Upper
93	100		
63	83.3	49.5	74.3#
95	32.3	22.2	33.4



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





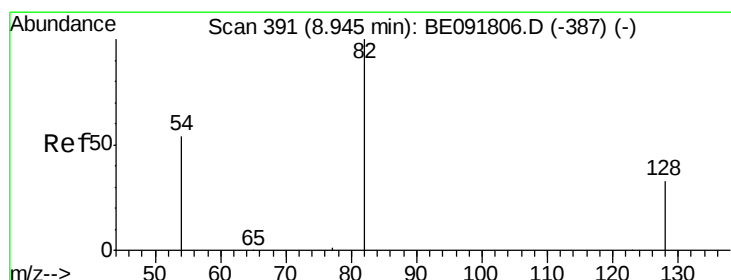
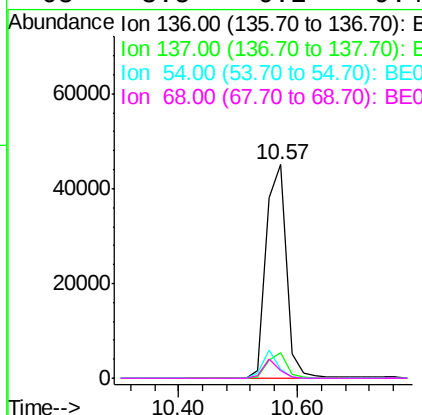
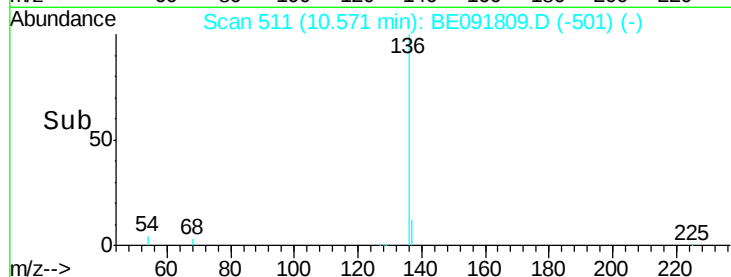
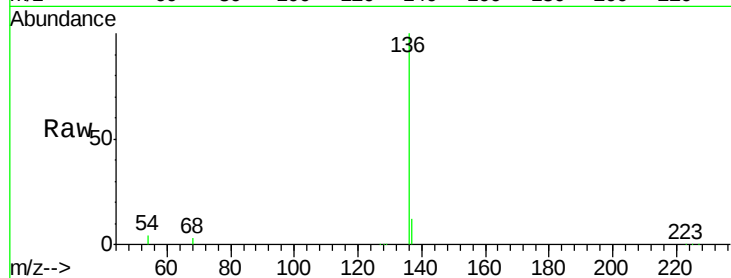
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :
ICVBE051916

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	105910		
137	12.0	8.9	13.3	
54	4.1	8.2	12.4	
68	3.5	6.2	9.4	

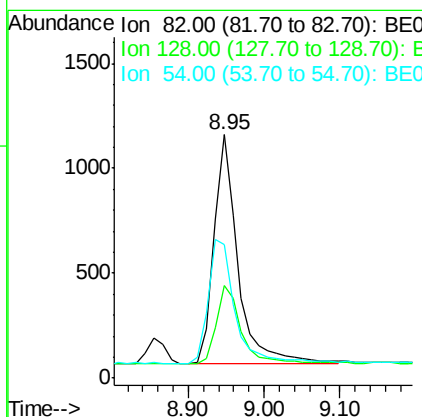
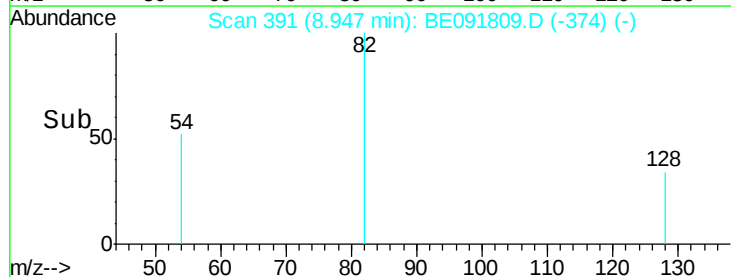
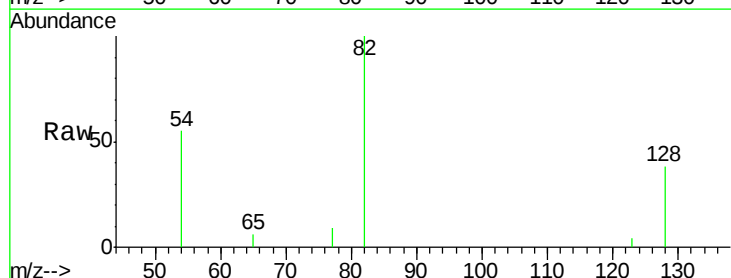
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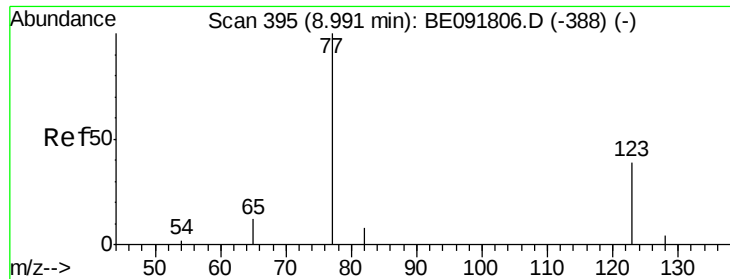
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#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.95 min Scan# 391
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	2426		
128	37.9	25.4	38.0	
54	55.0	48.4	72.6	





#9

Nitrobenzene

Concen: 0.33 ng

RT: 8.99 min Scan# 395

Delta R.T. 0.00 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Instrument :

BNA_E

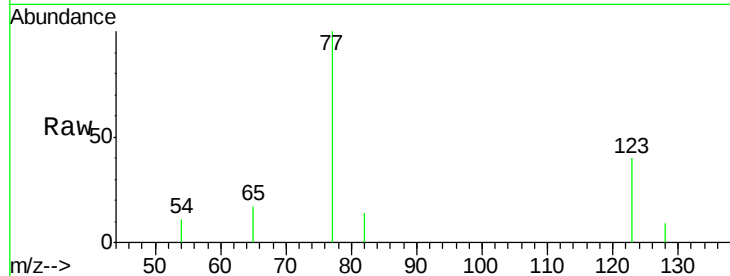
ClientSampled :

ICVBE051916

Tgt Ion:	77	Resp:	2401
Ion Ratio	Lower	Upper	
77	100		
123	36.5	26.9	40.3
65	13.2	9.4	14.2

Manual Integrations
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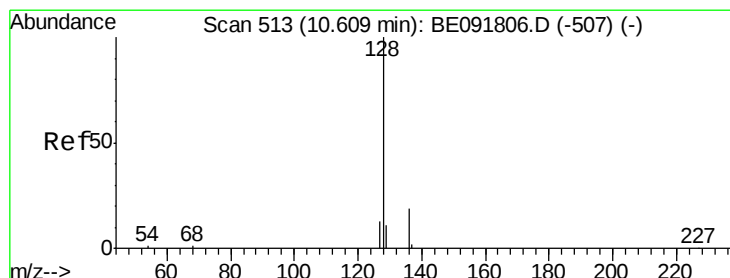
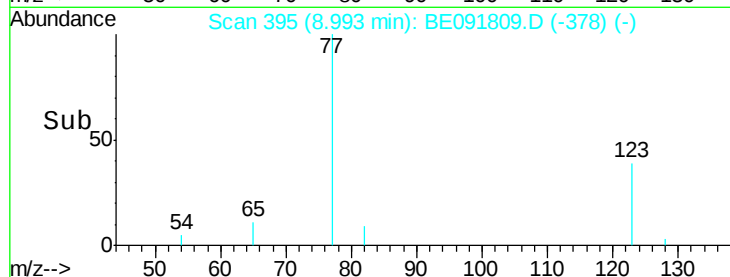


Abundance Ion 77.00 (76.70 to 77.70): BE091806.D (-388) (-)

Ion 123.00 (122.70 to 123.70): BE091806.D (-388) (-)

Ion 65.00 (64.70 to 65.70): BE091806.D (-388) (-)

Time-->



#10

Naphthalene

Concen: 0.38 ng

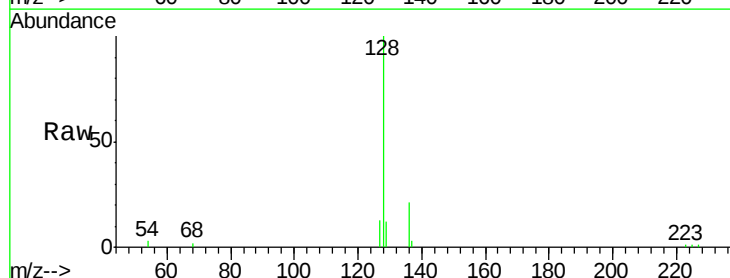
RT: 10.61 min Scan# 513

Delta R.T. -0.00 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Tgt Ion:	128	Resp:	8892
Ion Ratio	Lower	Upper	
128	100		
129	12.0	9.3	13.9
127	13.3	10.7	16.1

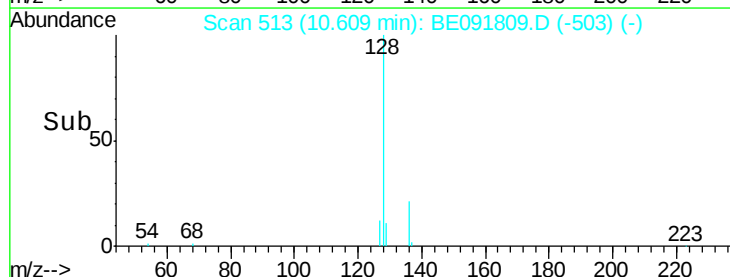


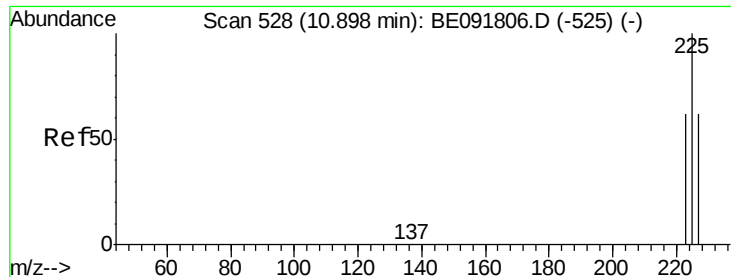
Abundance Ion 128.00 (127.70 to 128.70): BE091806.D (-507) (-)

Ion 129.00 (128.70 to 129.70): BE091806.D (-507) (-)

Ion 127.00 (126.70 to 127.70): BE091806.D (-507) (-)

Time-->





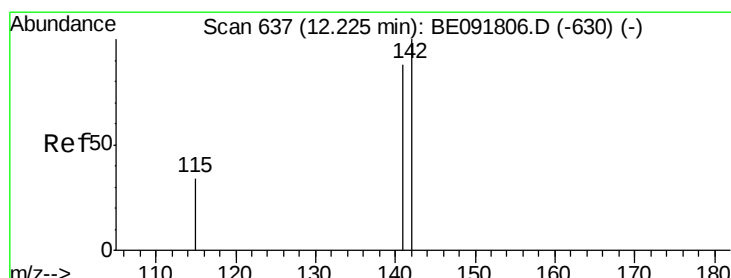
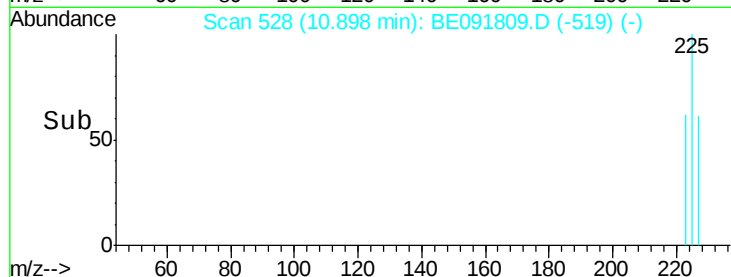
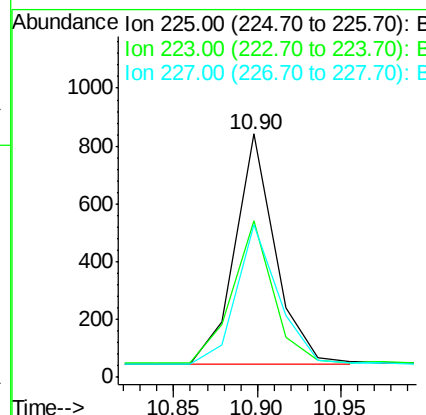
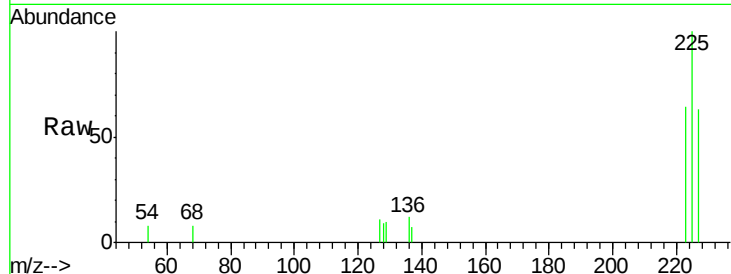
#11
Hexachlorobutadiene
Concen: 0.39 ng m
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :
ICVBE051916

Tgt Ion	Ratio	Lower	Upper
225	100		
223	108.0	49.0	73.6#
227	106.6	50.3	75.5#

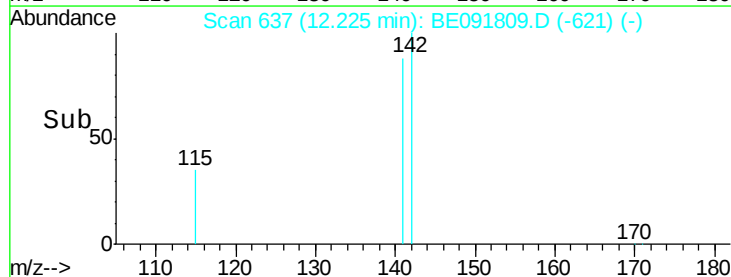
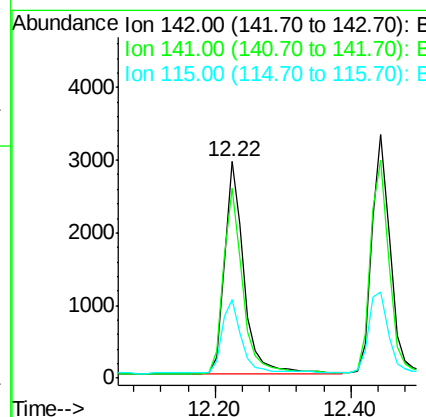
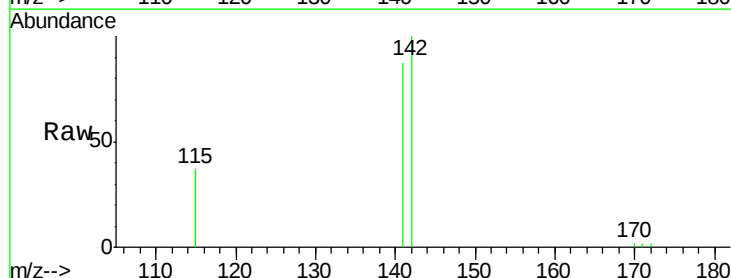
Manual Integrations
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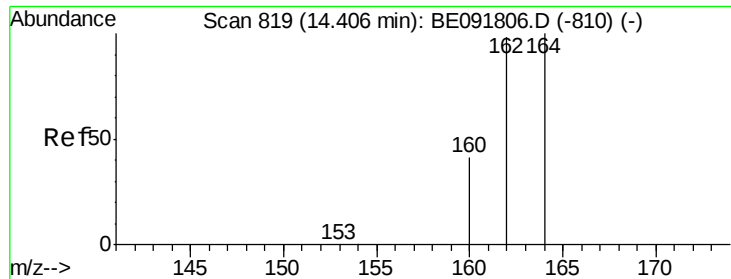
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#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.22 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.4	107.0
115	36.5	30.3	45.5





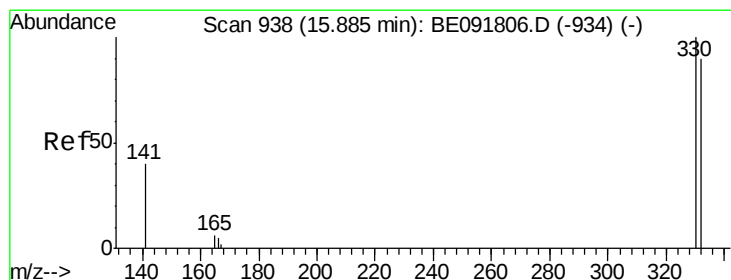
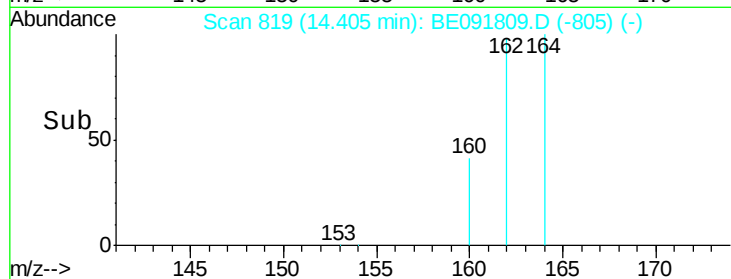
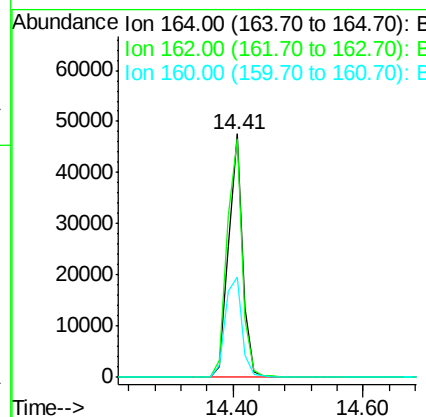
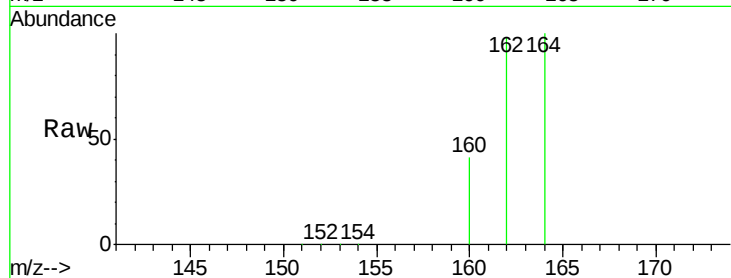
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Acenaphthene-d10
Concen: 5.00 ng
RT: 14.41 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :
ICVBE051916

Tgt Ion:164 Resp: 73123
Ion Ratio Lower Upper
164 100
162 98.1 85.3 127.9
160 41.4 46.2 69.2#

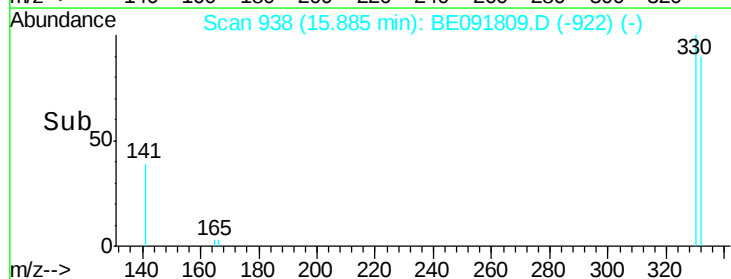
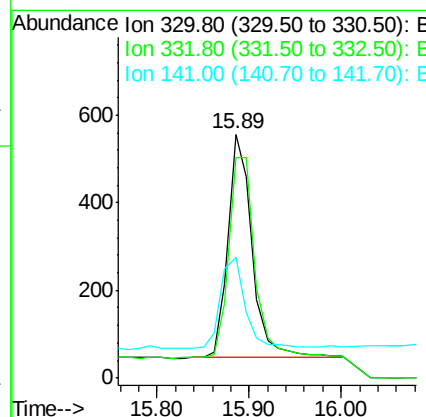
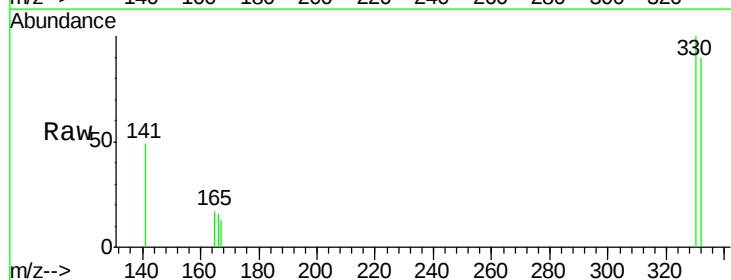
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#14
2,4,6-Tribromophenol
Concen: 0.33 ng
RT: 15.89 min Scan# 938
Delta R.T. -0.01 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:330 Resp: 937
Ion Ratio Lower Upper
330 100
332 97.7 79.1 118.7
141 42.6 125.4 188.0#





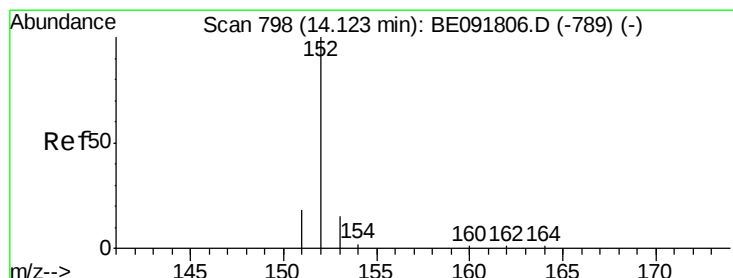
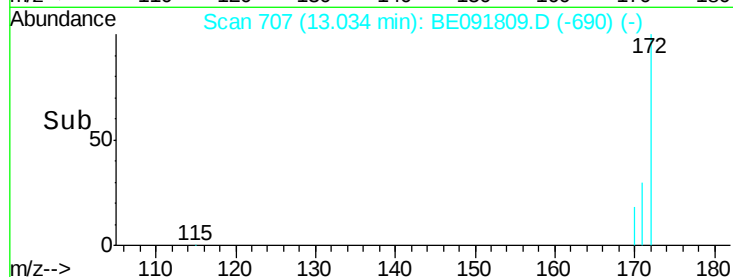
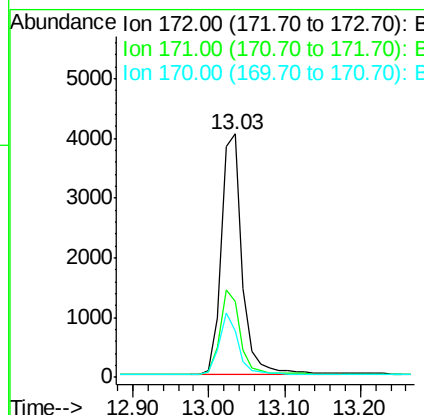
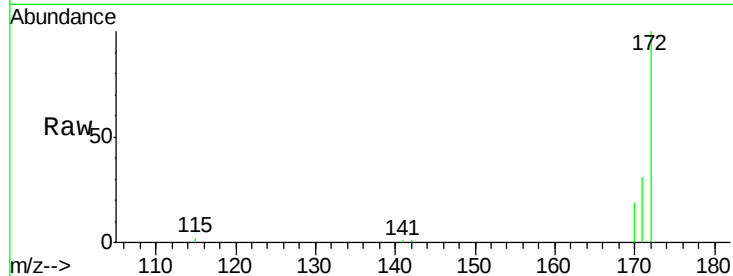
#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :
ICVBE051916

Tgt Ion	Ratio	Lower	Upper
172	100		
171	31.4	28.8	43.2
170	19.2	19.3	28.9#

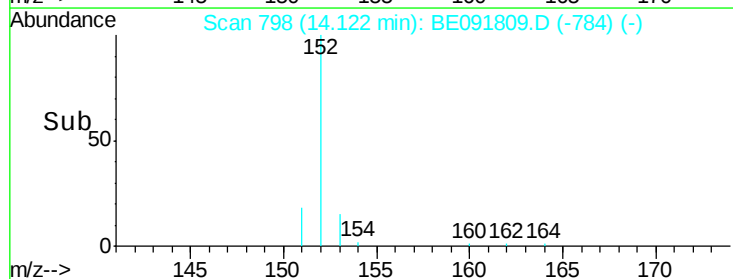
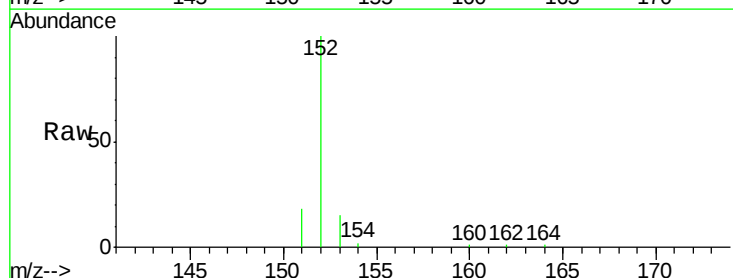
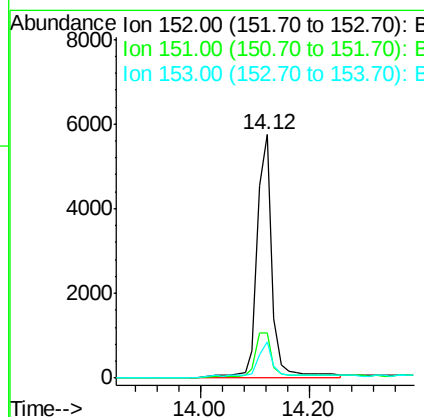
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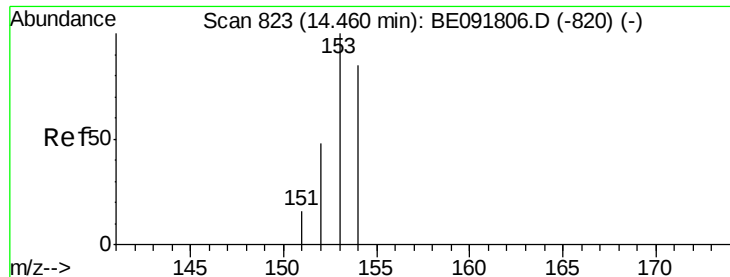
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#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.8	3.9	5.9#
153	19.1	10.3	15.5#





#17

Acenaphthene

Concen: 0.37 ng

RT: 14.46 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Instrument :

BNA_E

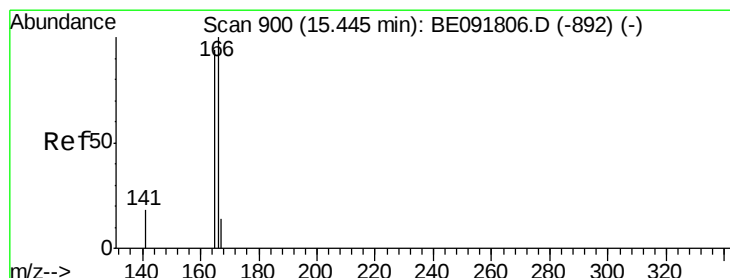
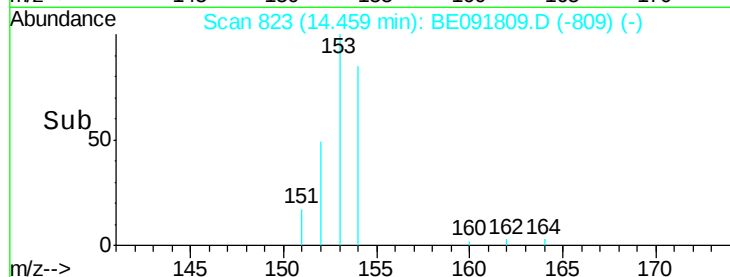
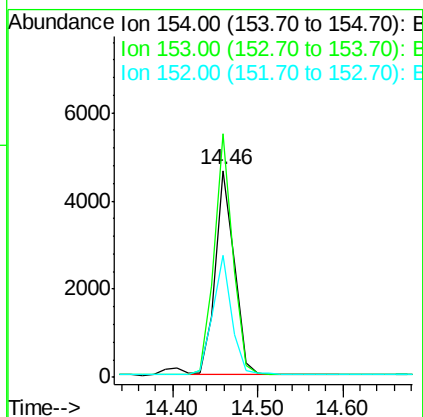
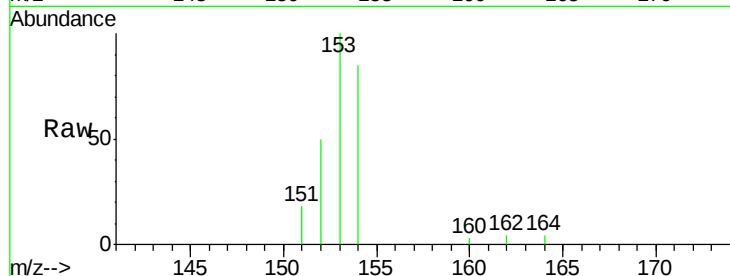
ClientSampleId :

ICVBE051916

Tgt Ion:	154	Resp:	7188
Ion Ratio	Lower	Upper	
154	100		
153	115.5	80.0	120.0
152	57.2	40.0	60.0

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#18

Fluorene

Concen: 0.38 ng

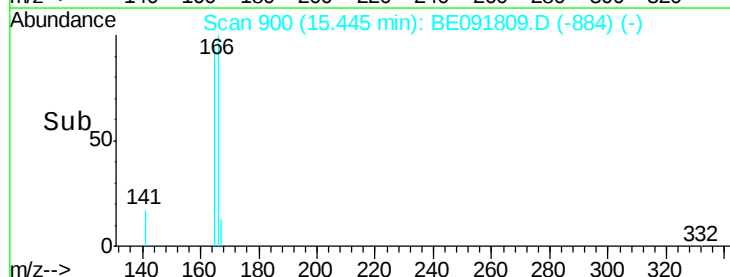
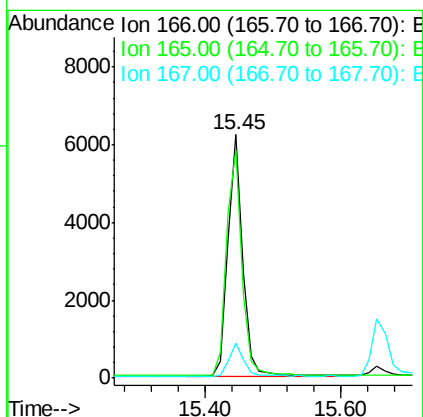
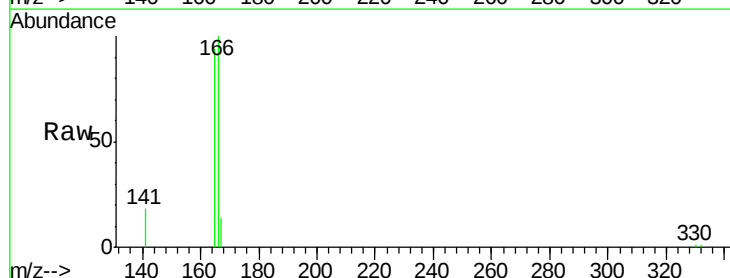
RT: 15.45 min Scan# 900

Delta R.T. -0.01 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Tgt Ion:	166	Resp:	9539
Ion Ratio	Lower	Upper	
166	100		
165	99.0	80.8	121.2
167	13.2	10.9	16.3





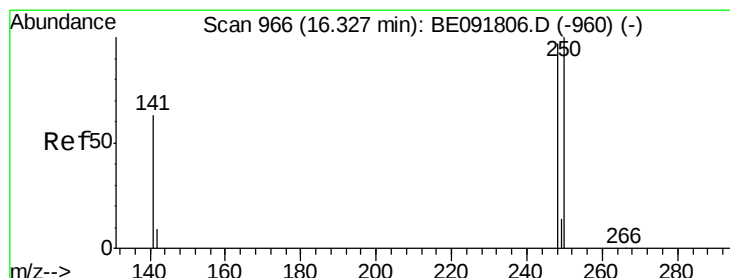
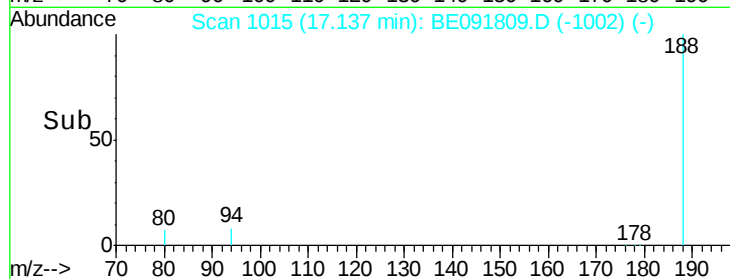
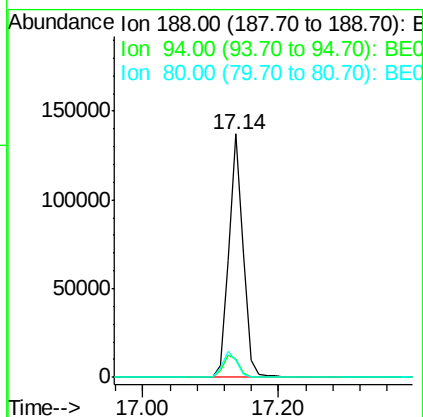
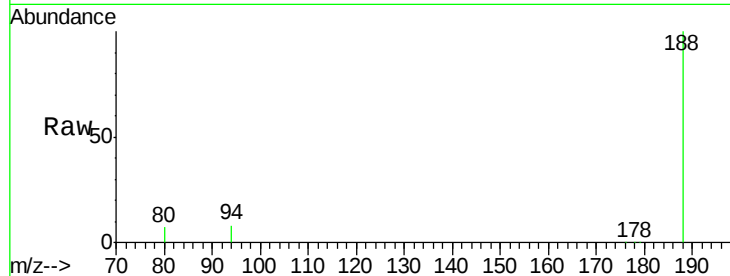
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :
ICVBE051916

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.6	8.7	13.1#
80	6.9	9.4	14.0#

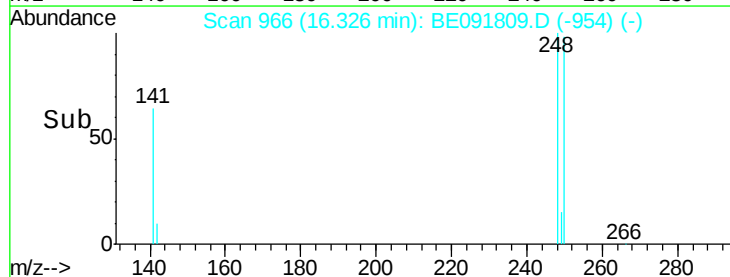
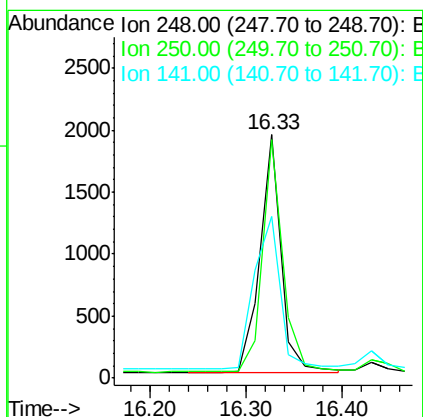
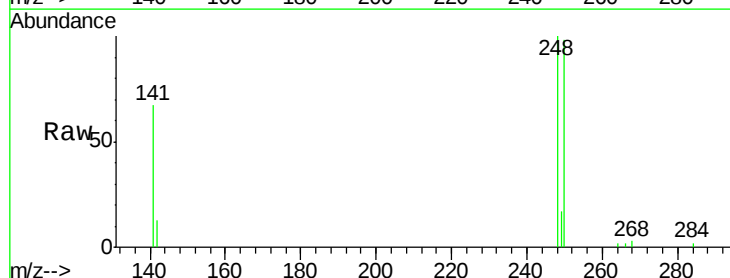
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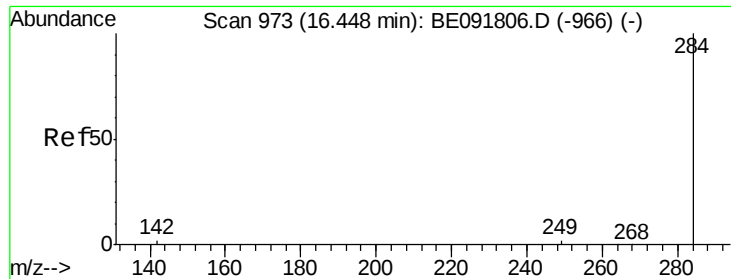
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#20
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.33 min Scan# 966
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	94.7	80.5	120.7
141	81.0	72.0	108.0





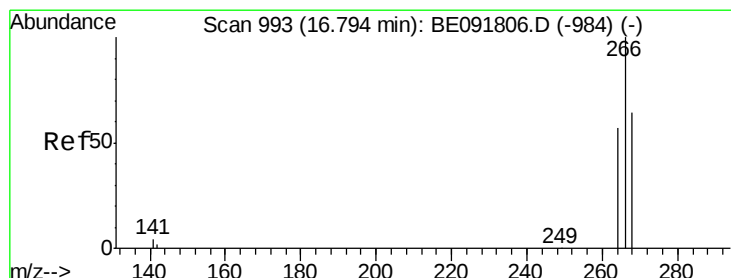
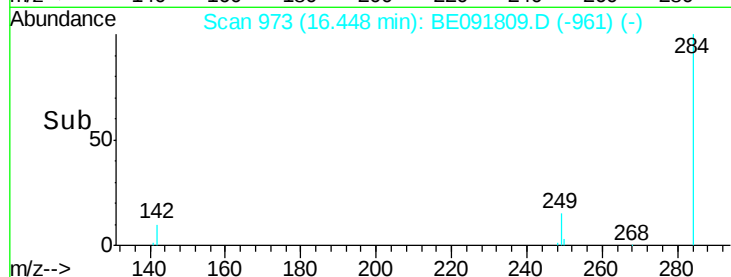
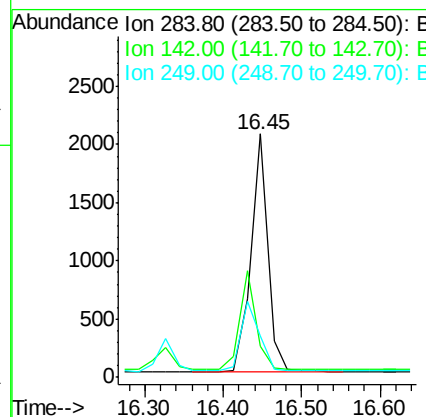
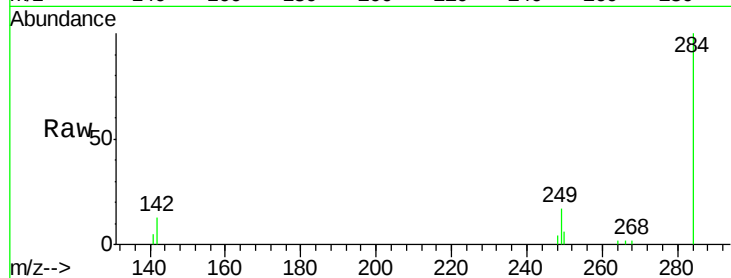
#21
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.45 min Scan# 973
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :
ICVBE051916

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.7	32.2	48.2
249	32.8	25.4	38.2

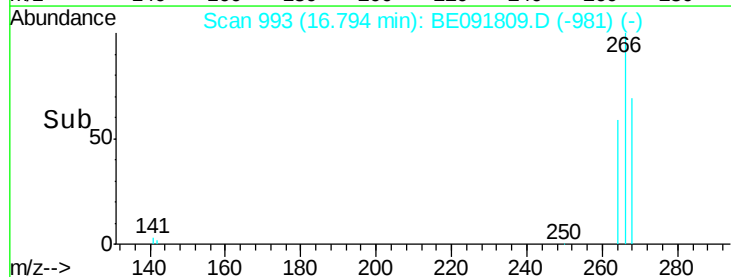
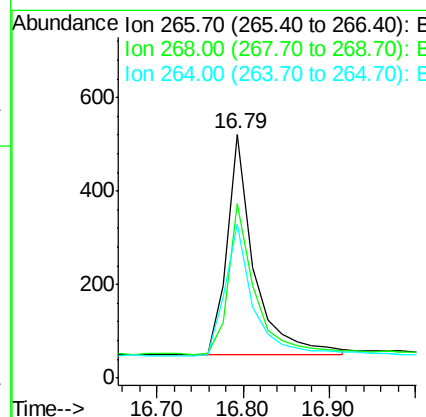
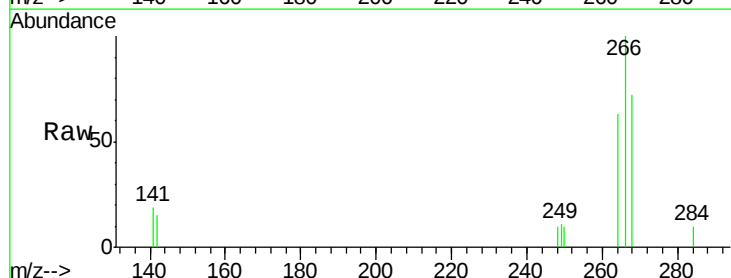
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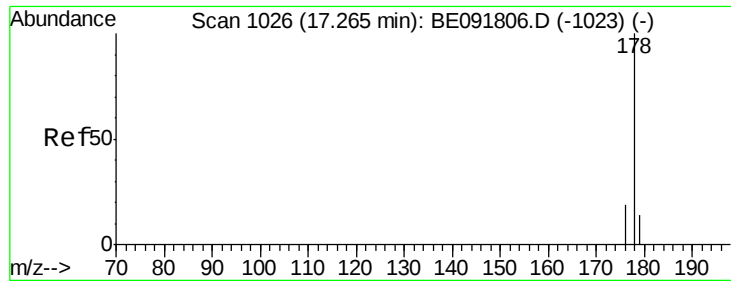
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#22
Pentachlorophenol
Concen: 0.32 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	71.8	58.2	87.2
264	63.0	56.2	84.4





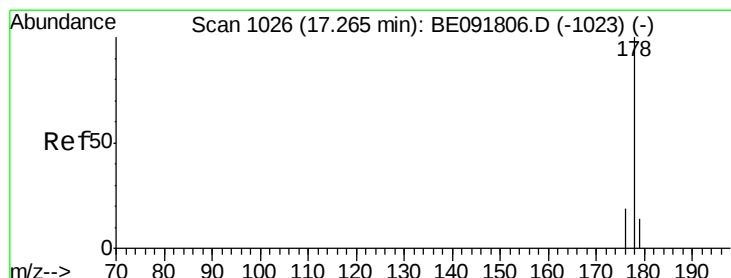
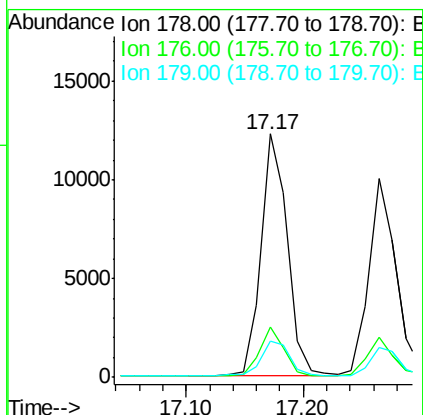
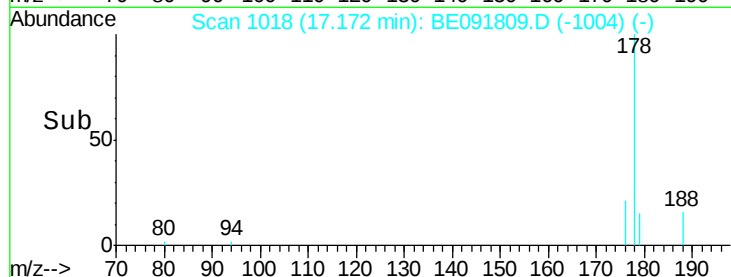
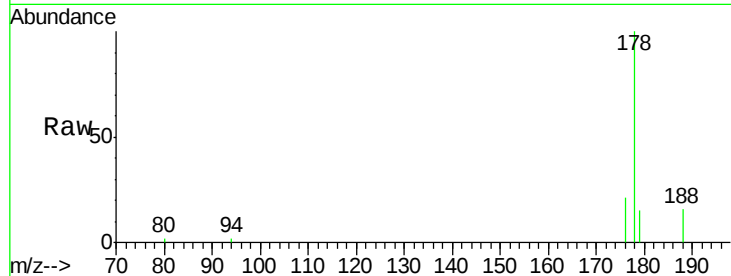
#23
Phenanthrene
Concen: 0.39 ng
RT: 17.17 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :
ICVBE051916

Tgt Ion:178 Resp: 19270
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 17.0 12.6 18.8

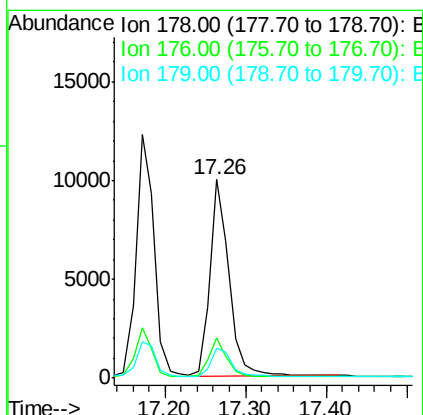
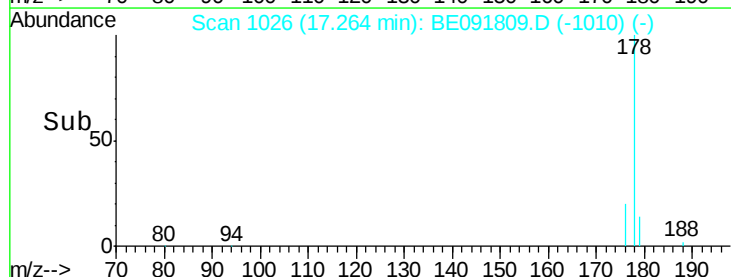
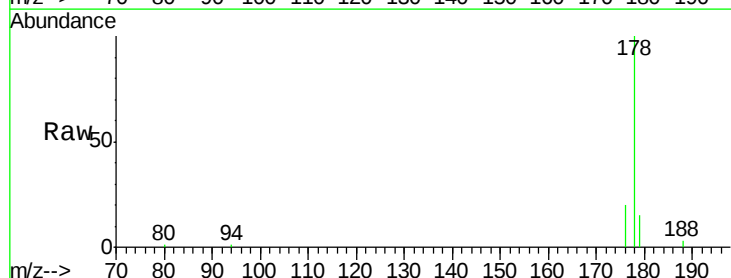
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#24
Anthracene
Concen: 0.37 ng
RT: 17.26 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:178 Resp: 16561
Ion Ratio Lower Upper
178 100
176 19.1 14.6 21.8
179 15.0 11.8 17.6





#25

Fluoranthene

Concen: 0.38 ng

RT: 19.19 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Instrument :

BNA_E

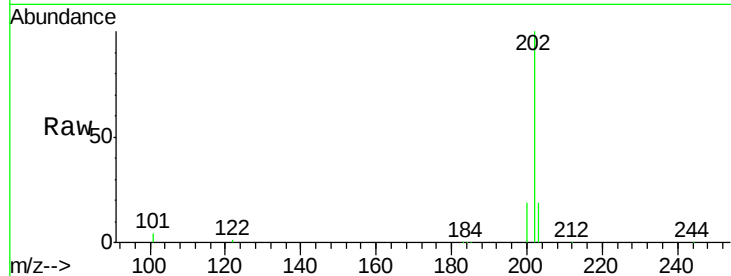
ClientSampleId :

ICVBE051916

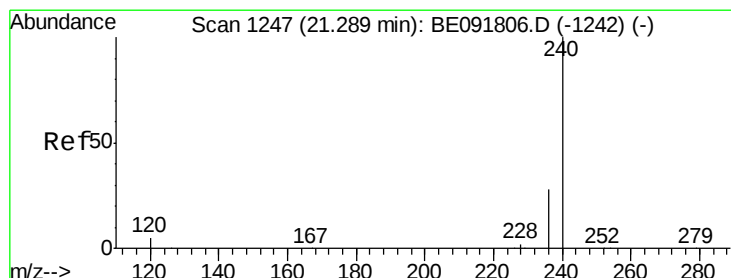
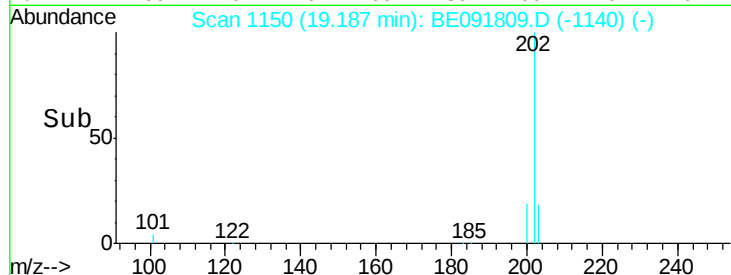
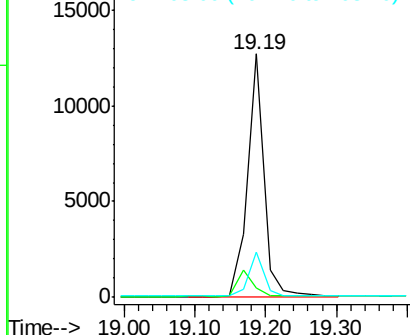
Tgt	Ion	202	Resp:	20622
Ion	Ratio	Lower	Upper	
202	100			
101	11.0	11.0	16.6#	
203	17.5	13.9	20.9	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

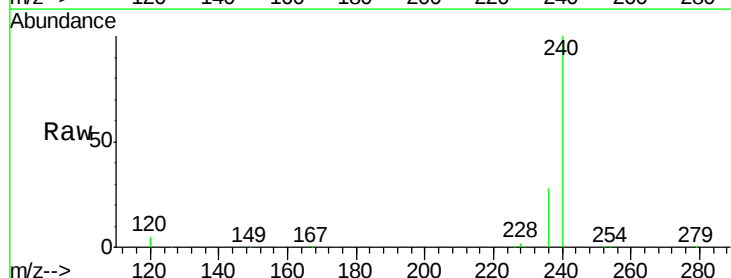
RT: 21.29 min Scan# 1247

Delta R.T. -0.02 min

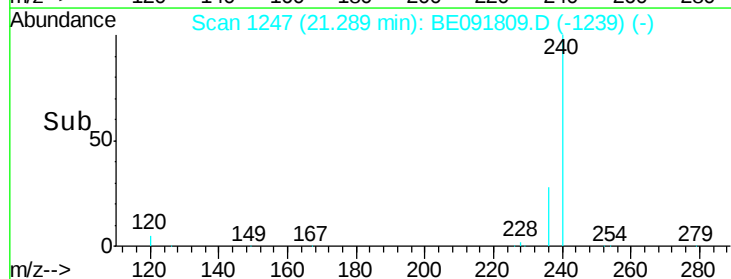
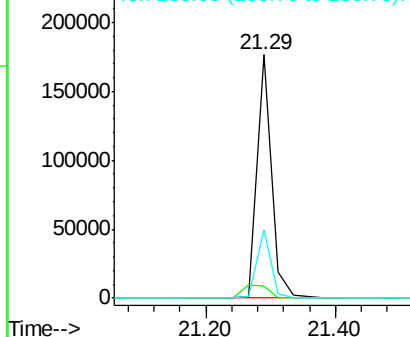
Lab File: BE091809.D

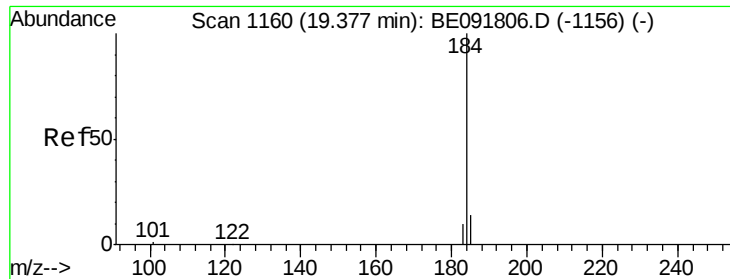
Acq: 19 May 2016 14:26

Tgt	Ion	240	Resp:	277072
Ion	Ratio	Lower	Upper	
240	100			
120	4.8	11.0	16.4#	
236	28.3	21.7	32.5	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.33 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Instrument :

BNA_E

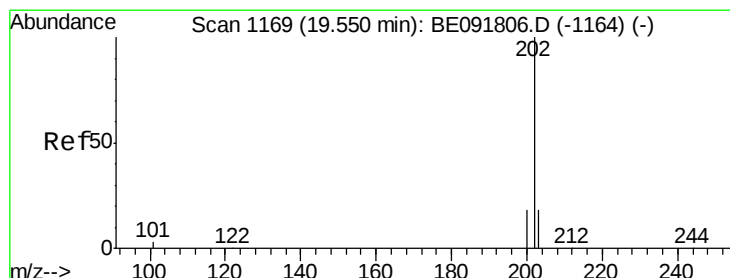
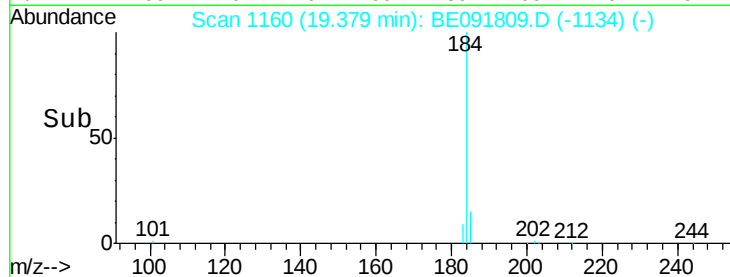
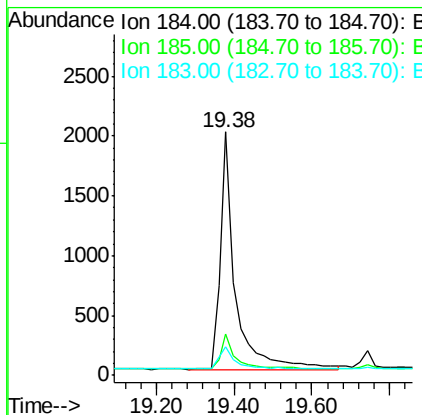
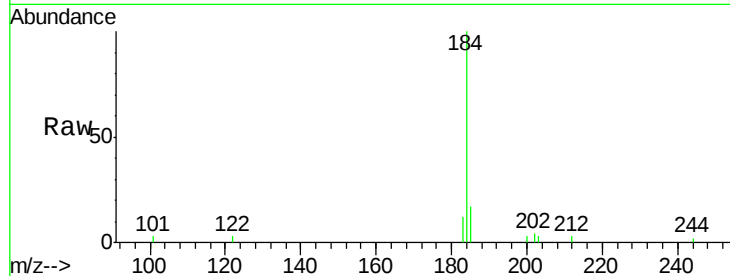
ClientSampleId :

ICVBE051916

Tgt Ion:	184	Resp:	5390
Ion Ratio	Lower	Upper	
184	100		
185	17.2	22.3	33.5#
183	11.8	16.4	24.6#

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#28

Pyrene

Concen: 0.36 ng

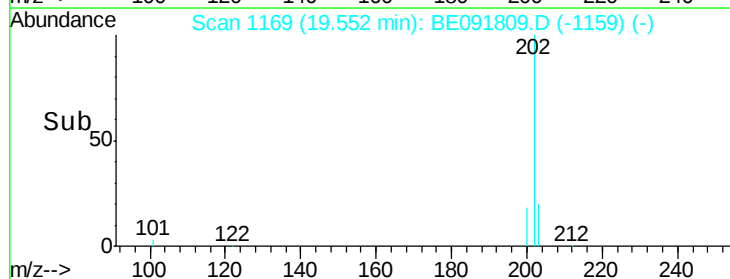
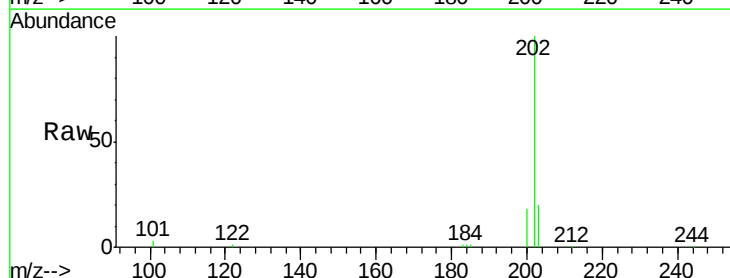
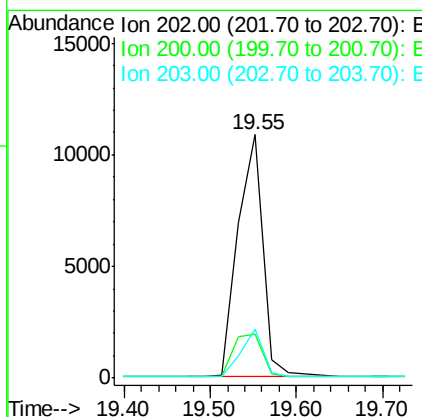
RT: 19.55 min Scan# 1169

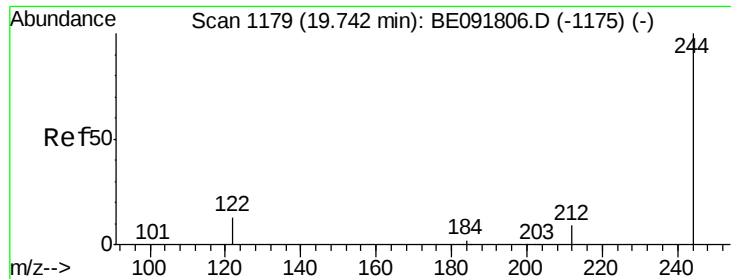
Delta R.T. 0.00 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Tgt Ion:	202	Resp:	21815
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.8	25.2
203	17.7	14.0	21.0





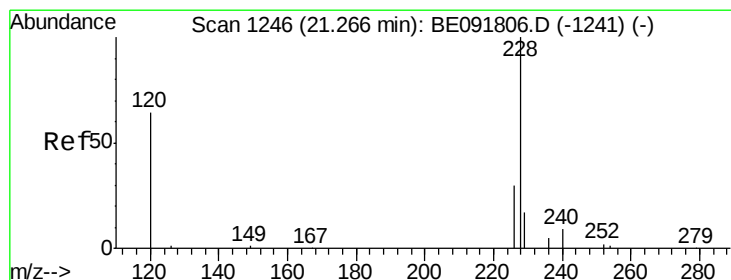
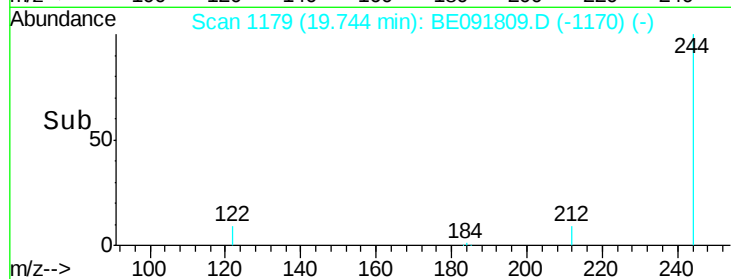
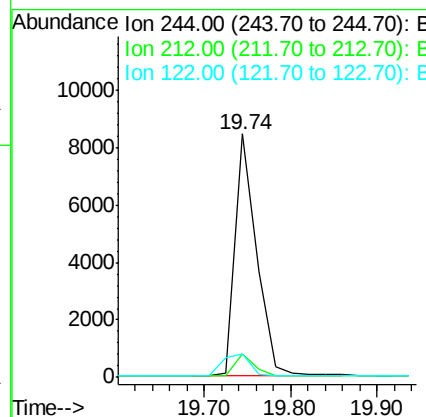
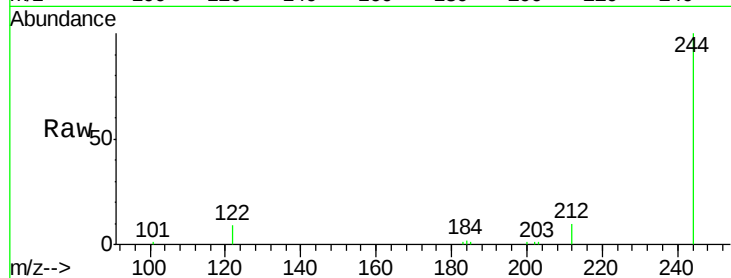
#29
 Terphenyl-d14
 Concen: 0.37 ng
 RT: 19.74 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BE091809.D
 Acq: 19 May 2016 14:26

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE051916

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	9.6	6.9	10.3
122	9.4	11.0	16.4

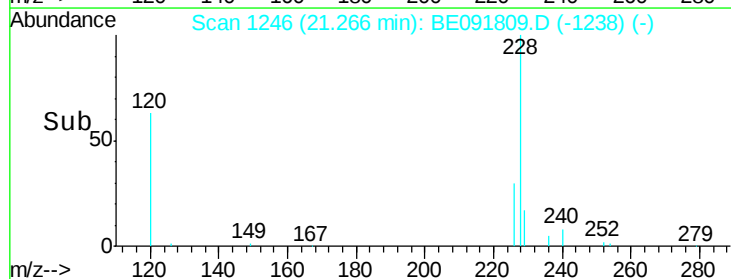
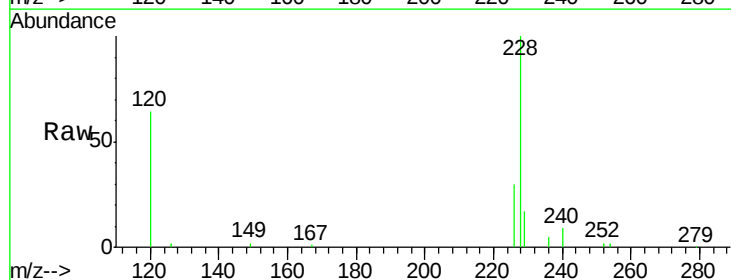
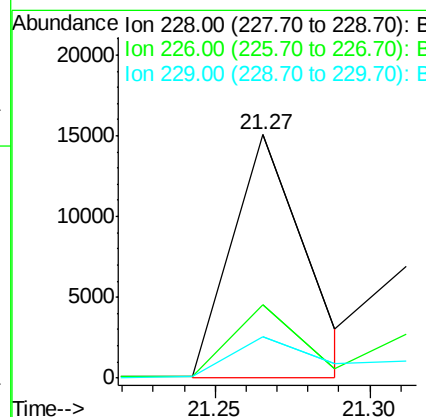
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#30
 Benzo(a)anthracene
 Concen: 0.37 ng m
 RT: 21.27 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BE091809.D
 Acq: 19 May 2016 14:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.0	21.0	31.4
229	17.0	15.7	23.5





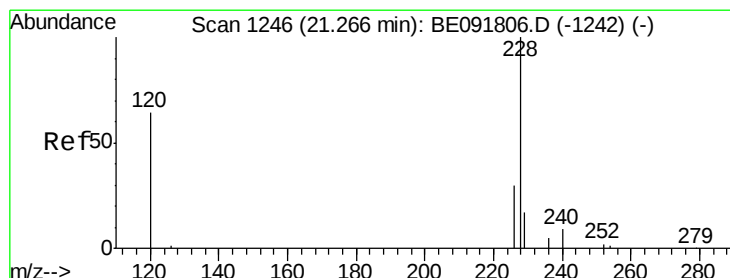
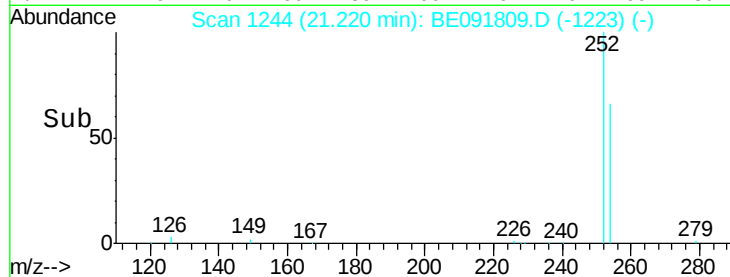
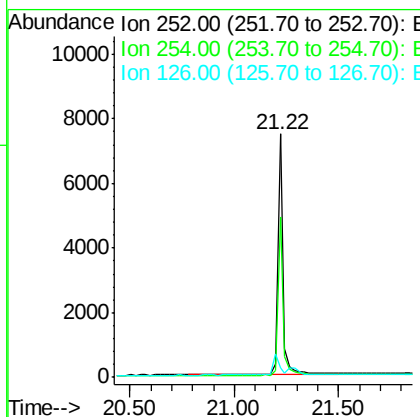
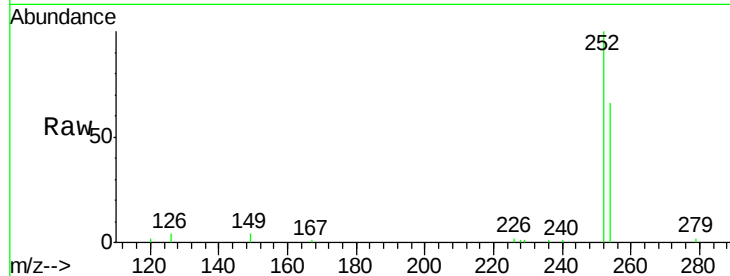
#31
 3,3'-Dichlorobenzidine
 Concen: 0.32 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091809.D
 Acq: 19 May 2016 14:26

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE051916

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.1	76.7
126	3.8	12.6	18.8

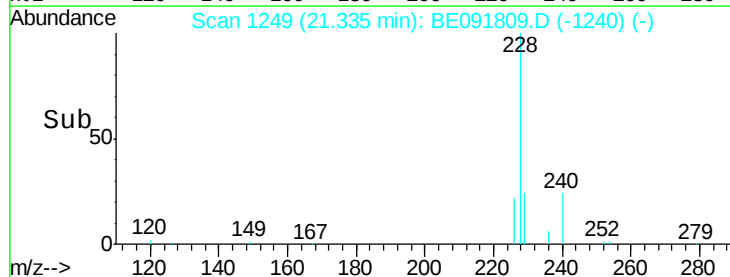
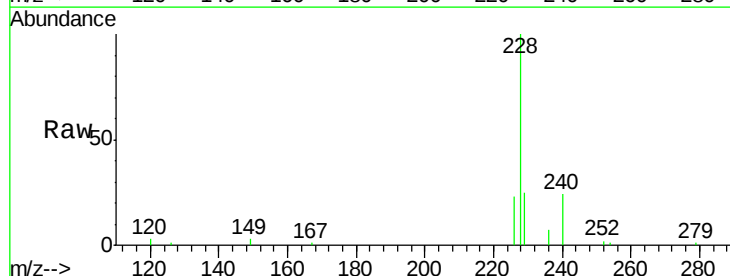
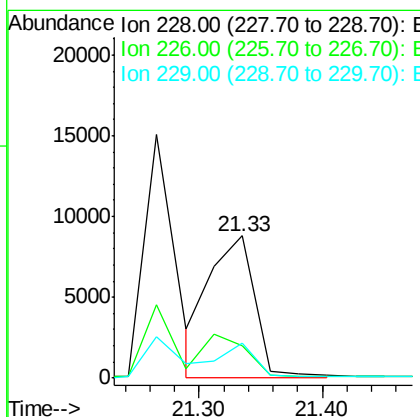
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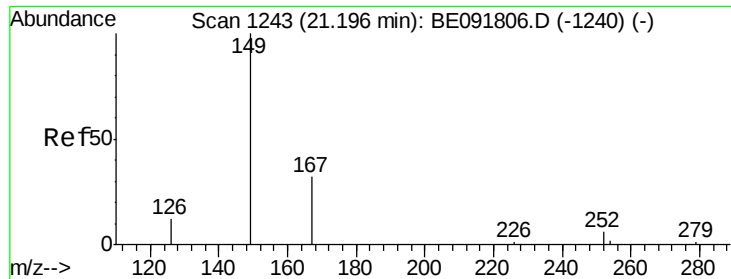
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#32
 Chrysene
 Concen: 0.44 ng m
 RT: 21.33 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BE091809.D
 Acq: 19 May 2016 14:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	22.8	24.0	36.0
229	24.5	15.9	23.9





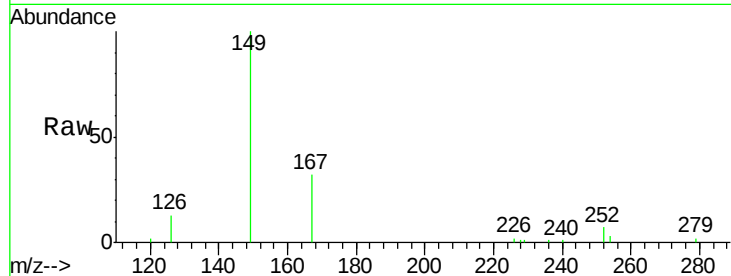
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.45 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091809.D
 Acq: 19 May 2016 14:26

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE051916

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.4	19.5	29.3#
279	0.0	10.0	15.0#

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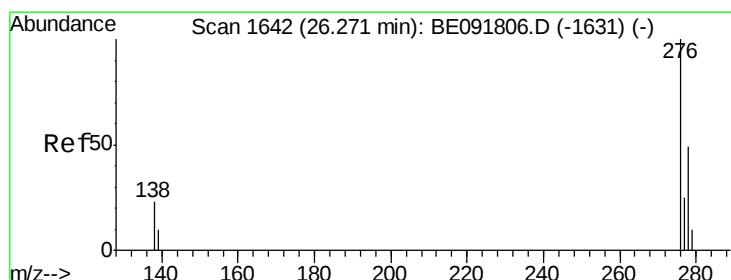
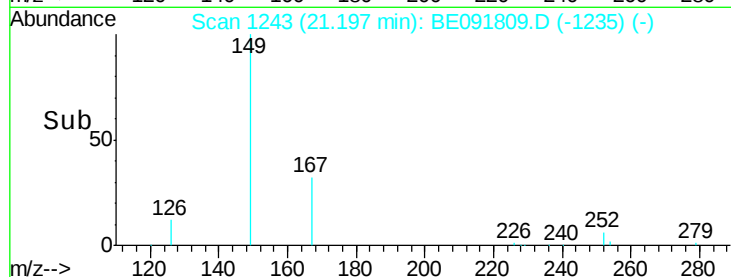
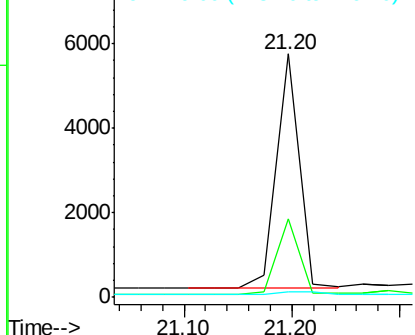


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.36 ng
 RT: 26.27 min Scan# 1642
 Delta R.T. -0.03 min
 Lab File: BE091809.D
 Acq: 19 May 2016 14:26

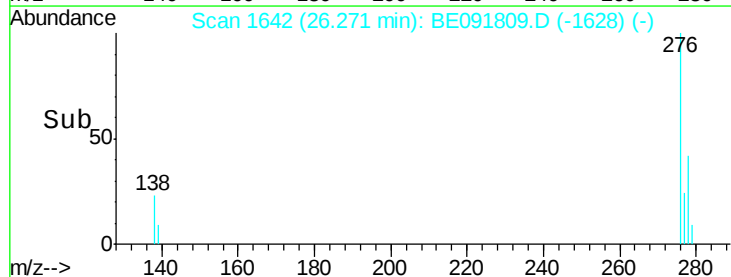
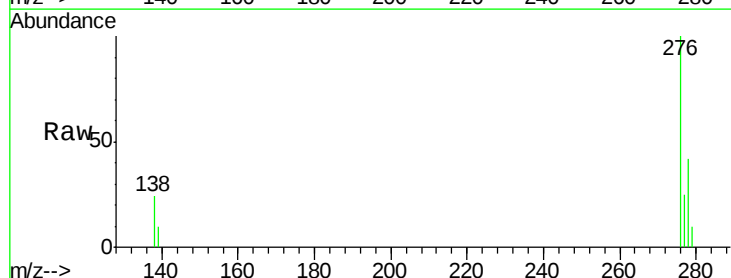
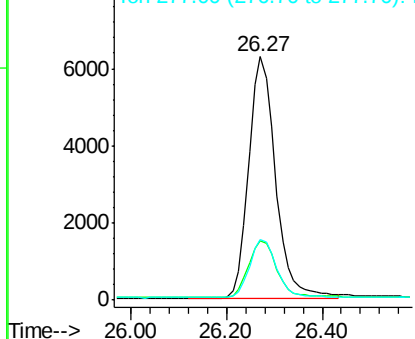
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	23.4	35.2
277	24.7	19.8	29.8

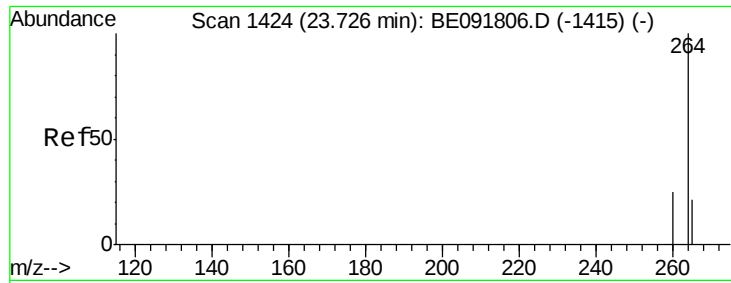
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





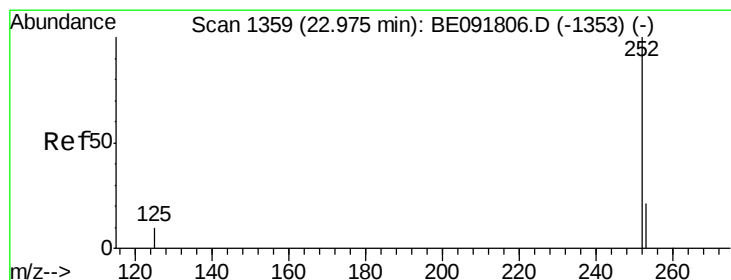
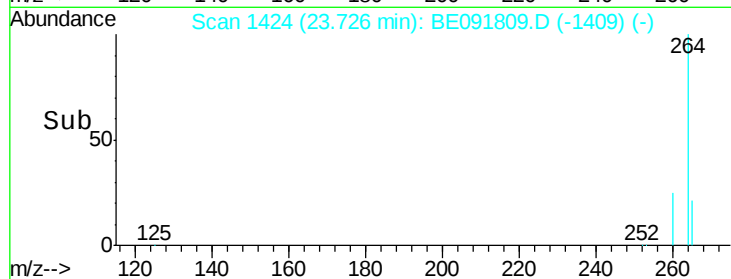
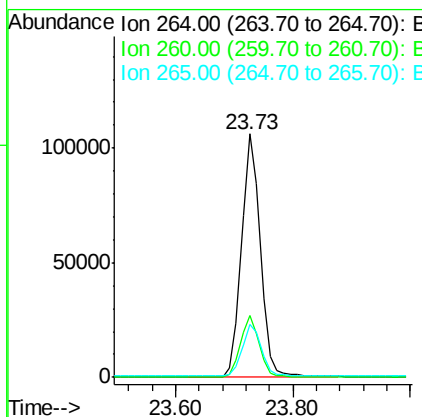
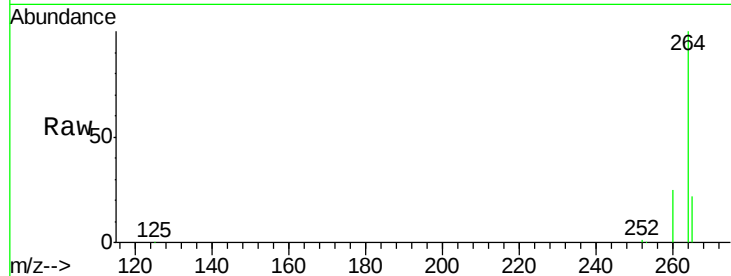
#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.73 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BE091809.D
 Acq: 19 May 2016 14:26

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE051916

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	238237		
260	25.3	20.0	30.0	
265	21.9	17.5	26.3	

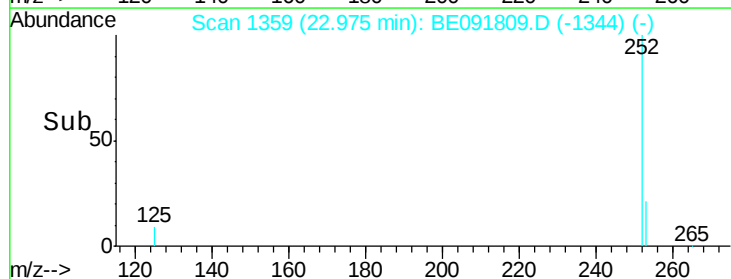
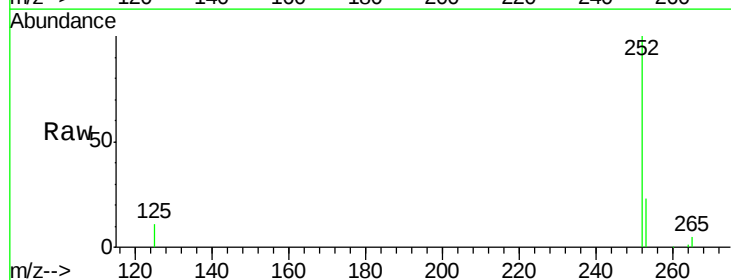
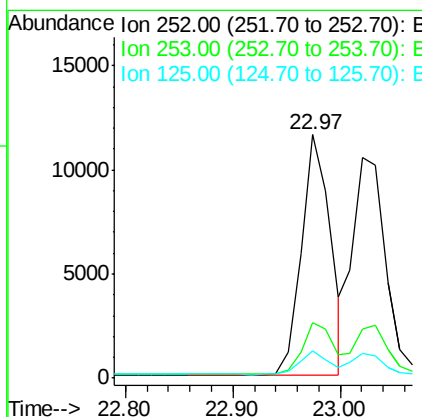
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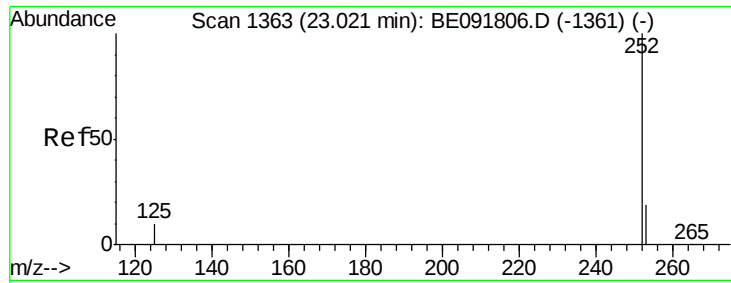
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#36
 Benzo(b)fluoranthene
 Concen: 0.36 ng
 RT: 22.97 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BE091809.D
 Acq: 19 May 2016 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	21679		
253	22.8	17.4	26.0	
125	11.0	10.2	15.2	





#37

Benzo(k)fluoranthene

Concen: 0.37 ng

RT: 23.02 min Scan# 1363

Delta R.T. -0.02 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Instrument :

BNA_E

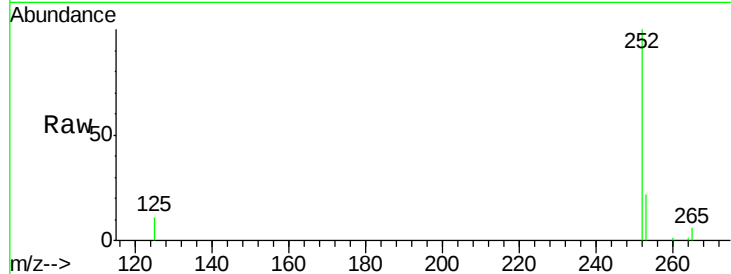
ClientSampleId :

ICVBE051916

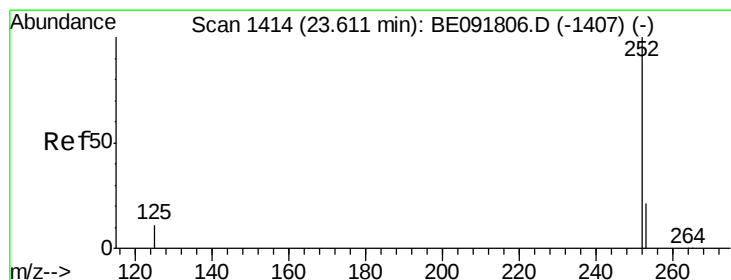
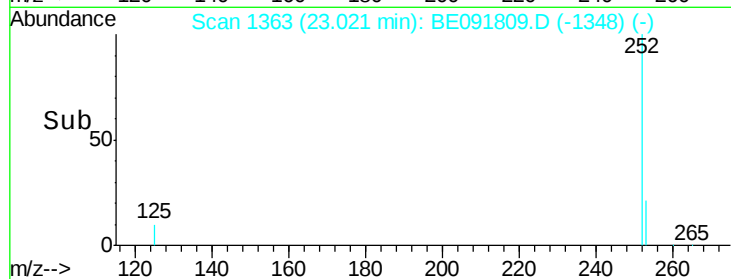
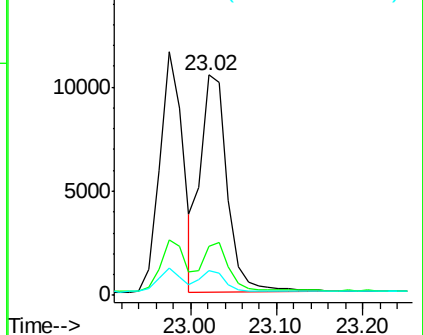
Tgt Ion:	252	Resp:	22494
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	11.3	9.9	14.9

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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



#38

Benzo(a)pyrene

Concen: 0.36 ng

RT: 23.61 min Scan# 1414

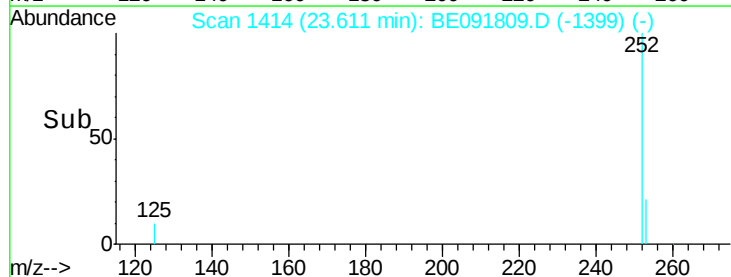
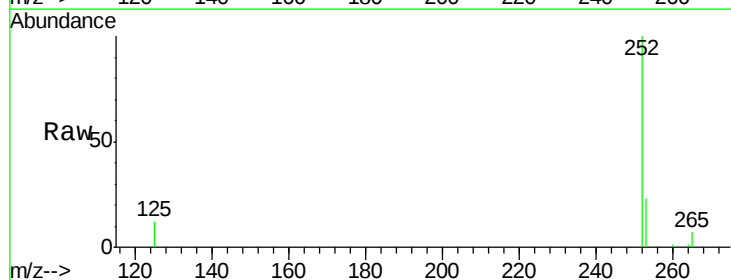
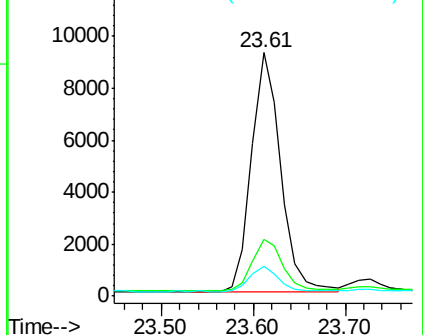
Delta R.T. -0.02 min

Lab File: BE091809.D

Acq: 19 May 2016 14:26

Tgt Ion:	252	Resp:	20583
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.1	27.1
125	12.0	11.0	16.4

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





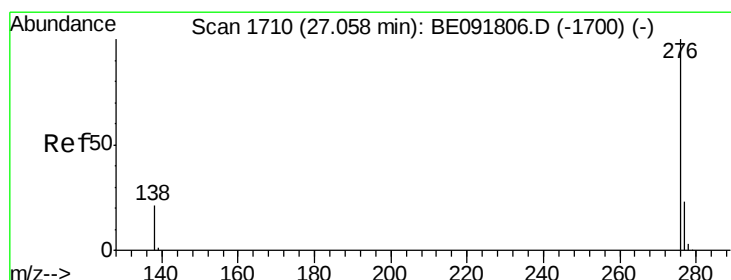
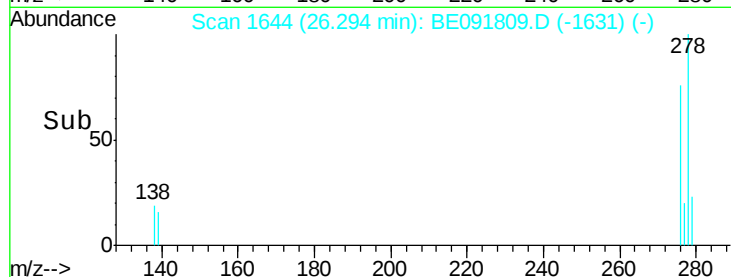
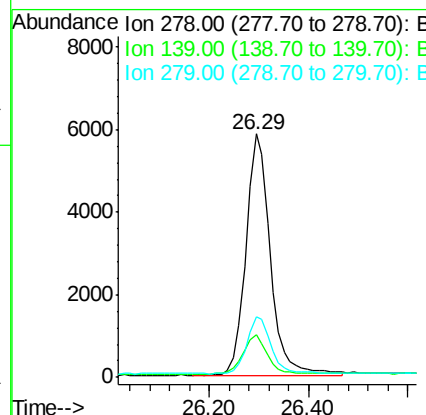
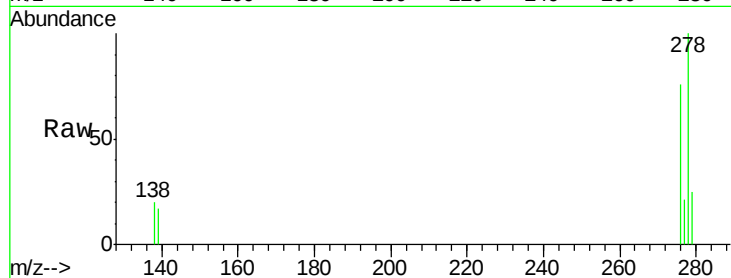
#39
Dibenzo(a,h)anthracene
Concen: 0.36 ng
RT: 26.29 min Scan# 1644
Delta R.T. -0.05 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :
ICVBE051916

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	16.0	24.0
279	24.7	19.4	29.2

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#40
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.06 min Scan# 1710
Delta R.T. -0.05 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	21.0	20.4	30.6

