

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091834.D
 Acq On : 20 May 2016 7:36
 Operator : UM/SJ
 Sample : H3115-01MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 NC-TS-002MSD

Manual Integrations
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Quant Time: May 20 15:19:18 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	7.78	152	30223	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	153603	5.00	ng	-0.02
13) Acenaphthene-d10	14.40	164	95175	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	250356	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	222909	5.00	ng	-0.02
35) Perylene-d12	23.74	264	231802	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	62408	7.90	ng	0.00
5) Phenol-d6	6.95	99	104556	9.40	ng	0.00
8) Nitrobenzene-d5	8.93	82	49133	4.83	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	34826	9.42	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	120174	4.46	ng	-0.01
29) Terphenyl-d14	19.74	244	164878	5.23	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	10553	3.19	ng	# 87
3) n-Nitrosodimethylamine	3.61	42	19392	4.02	ng	94
6) bis(2-Chloroethyl)ether	7.21	93	38957	4.36	ng	# 82
9) Nitrobenzene	8.98	77	50363	4.81	ng	93
10) Naphthalene	10.61	128	140774	4.14	ng	98
11) Hexachlorobutadiene	10.90	225	23191	4.61	ng	97
12) 2-Methylnaphthalene	12.23	142	104432	4.57	ng	# 89
16) Acenaphthylene	14.12	152	201616	4.75	ng	# 86
17) Acenaphthene	14.46	154	112893	4.42	ng	91
18) Fluorene	15.44	166	150647	4.55	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	41452	4.43	ng	93
21) Hexachlorobenzene	16.45	284	39937m	4.10	ng	
22) Pentachlorophenol	16.79	266	45164	11.21	ng	89
23) Phenanthrene	17.18	178	355316	7.27	ng	99
24) Anthracene	17.26	178	285666	5.24	ng	98
25) Fluoranthene	19.19	202	549618	8.26	ng	97
28) Pyrene	19.55	202	534489	10.93	ng	96
30) Benzo(a)anthracene	21.27	228	393260m	7.31	ng	
31) 3,3'-Dichlorobenzidine	21.22	252	8151	0.24	ng	# 74
32) Chrysene	21.34	228	382334m	8.26	ng	
33) Bis(2-ethylhexyl)phthalate	21.20	149	280196	8.93	ng	# 87
34) Indeno(1,2,3-cd)pyrene	26.28	276	382026	6.93	ng	94
36) Benzo(b)fluoranthene	22.99	252	450866	7.78	ng	97
37) Benzo(k)fluoranthene	23.03	252	319257	5.38	ng	97
38) Benzo(a)pyrene	23.62	252	385128	6.96	ng	99
39) Dibenzo(a,h)anthracene	26.30	278	261556	4.84	ng	99
40) Benzo(g,h,i)perylene	27.08	276	338692	6.07	ng	96

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

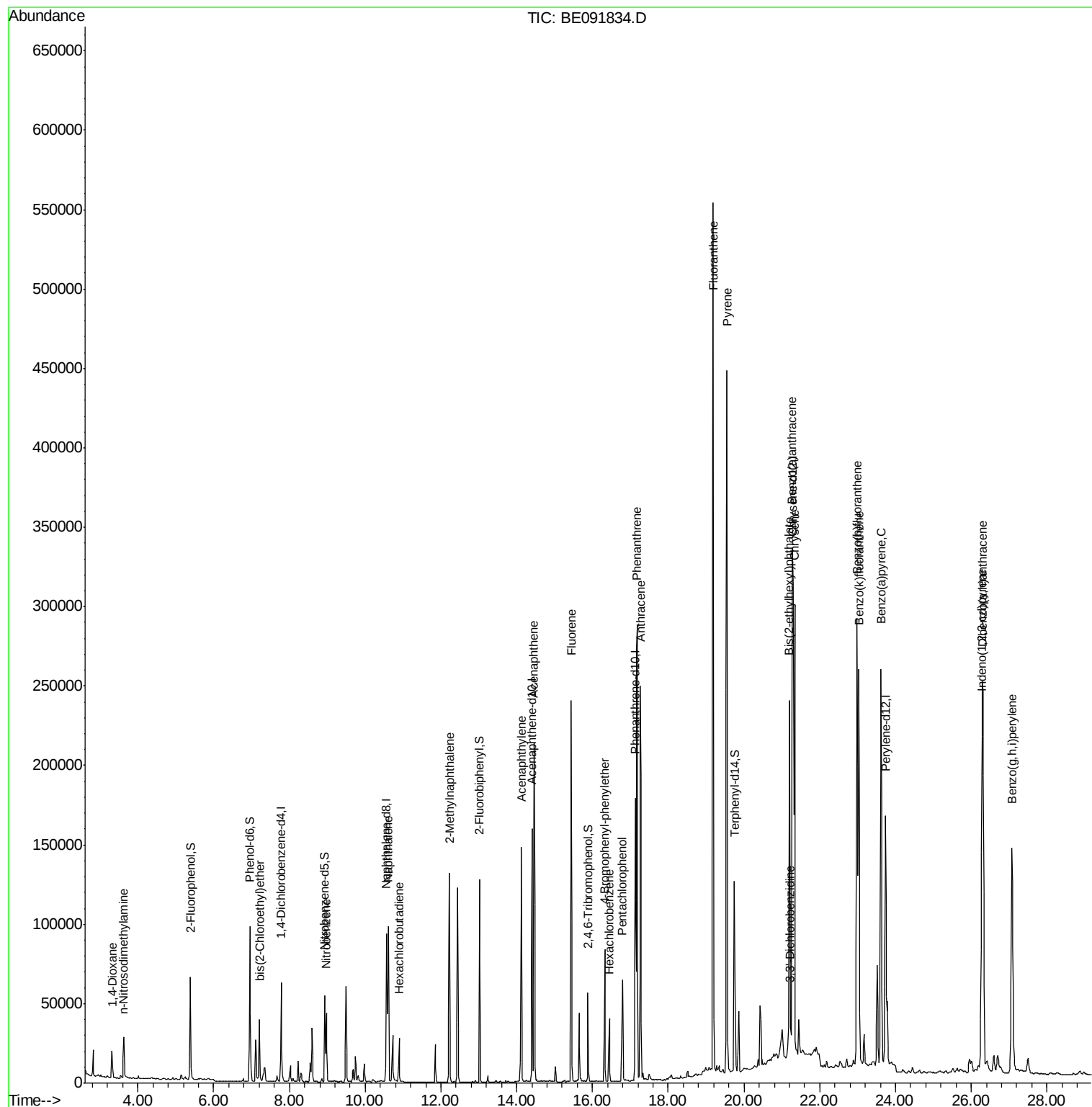
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
Data File : BE091834.D
Acq On : 20 May 2016 7:36
Operator : UM/SJ
Sample : H3115-01MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

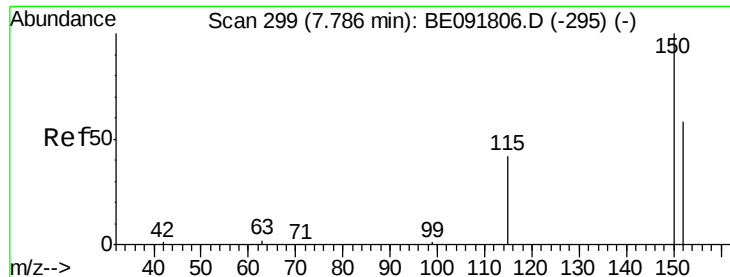
Instrument :
BNA_E
ClientSampleID :
NC-TS-002MSD

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Quant Time: May 20 15:19:18 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: 7.78 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091834.D

Acq: 20 May 2016 7:36

Instrument :

BNA_E

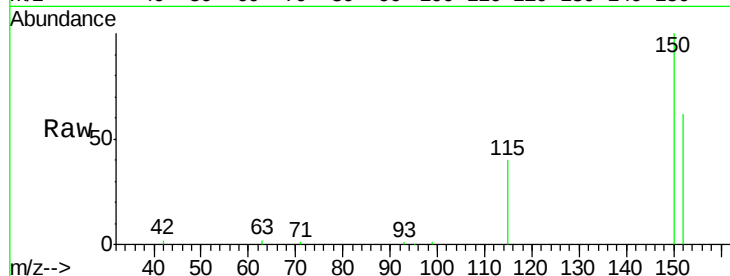
ClientSampleId :

NC-TS-002MSD

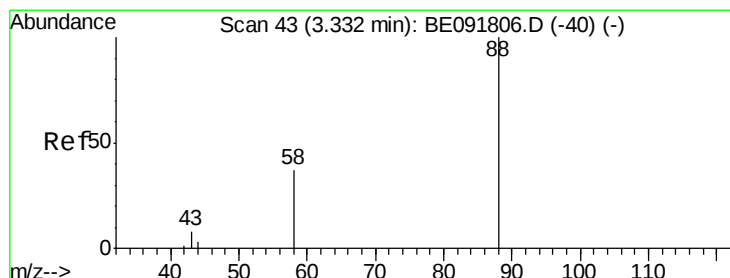
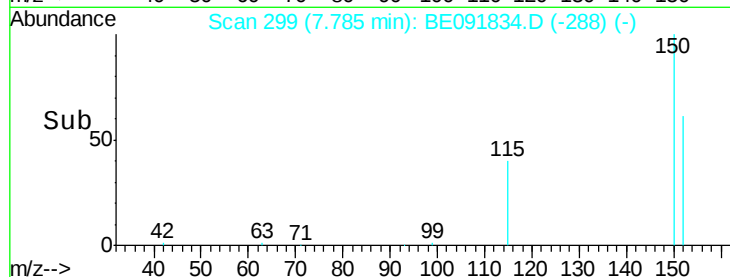
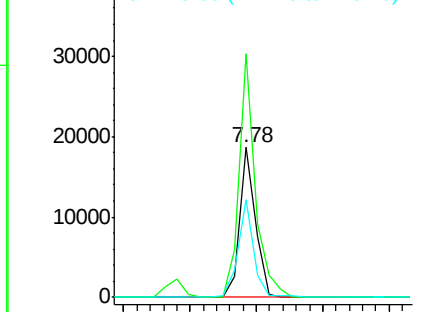
Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.4	122.6	183.8
115	65.5	52.8	79.2

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



#2

1,4-Dioxane

Concen: 3.19 ng

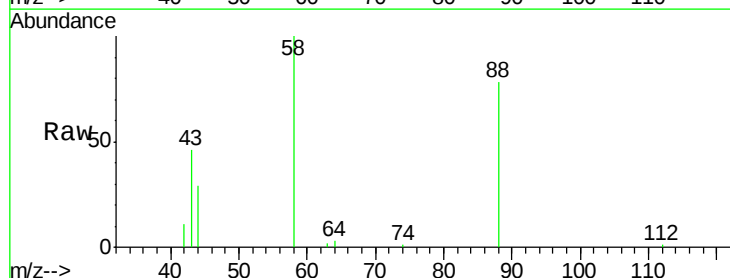
RT: 3.32 min Scan# 42

Delta R.T. -0.02 min

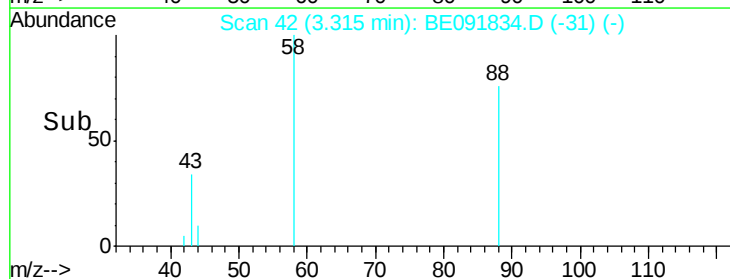
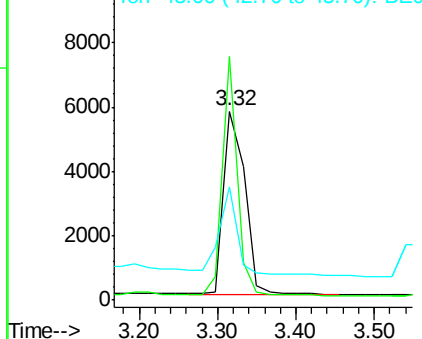
Lab File: BE091834.D

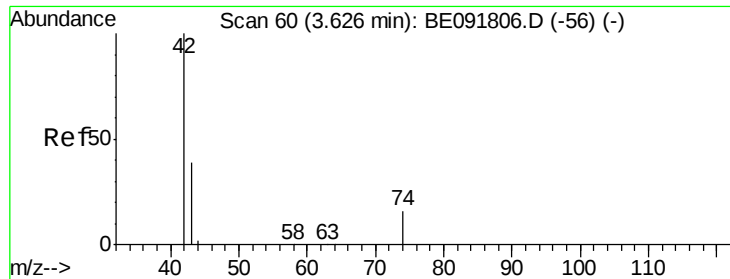
Acq: 20 May 2016 7:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.1	65.8	98.6
43	42.3	25.3	37.9



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 4.02 ng

RT: 3.61 min Scan# 59

Delta R.T. -0.02 min

Lab File: BE091834.D

Acq: 20 May 2016 7:36

Instrument :

BNA_E

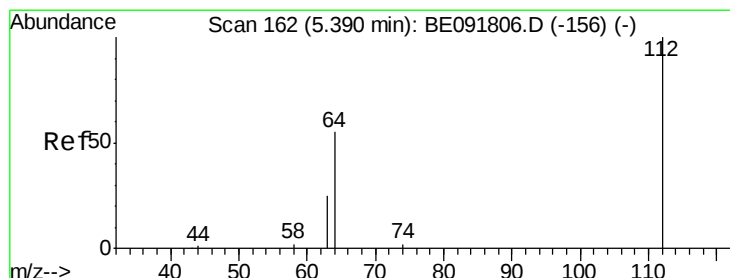
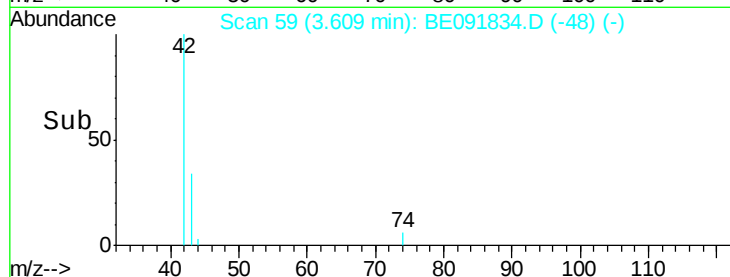
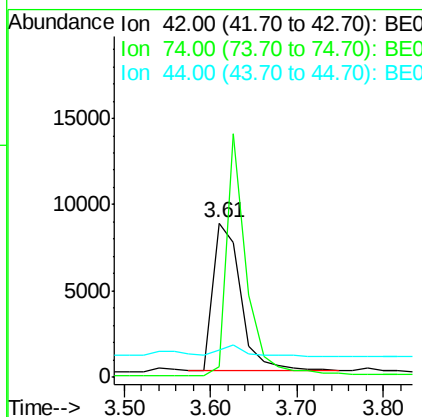
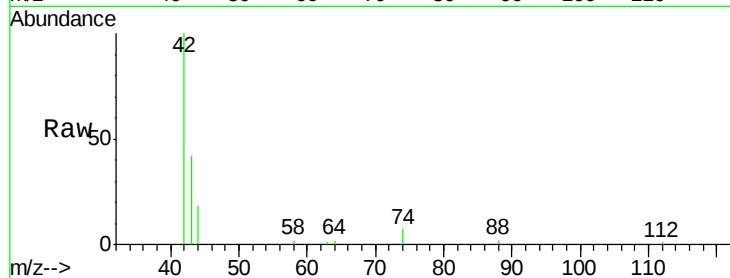
ClientSampleId :

NC-TS-002MSD

Tgt Ion:	42	Resp:	19392
Ion Ratio	Lower	Upper	
42	100		
74	116.7	87.9	131.9
44	6.8	6.6	9.8

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#4

2-Fluorophenol

Concen: 7.90 ng

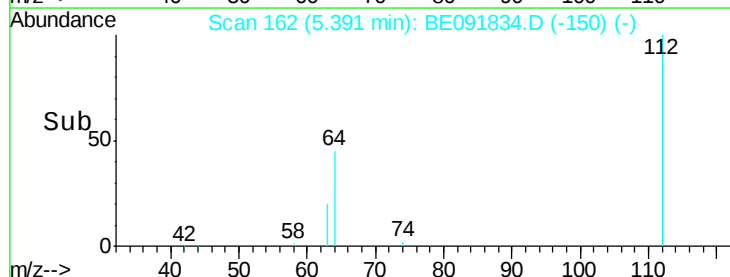
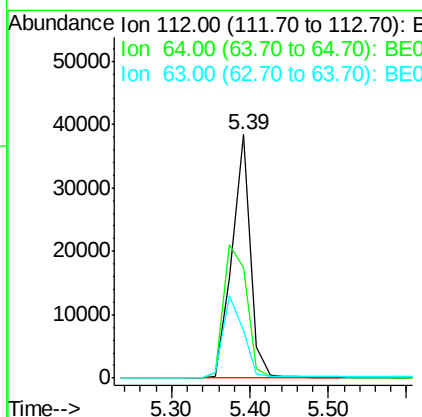
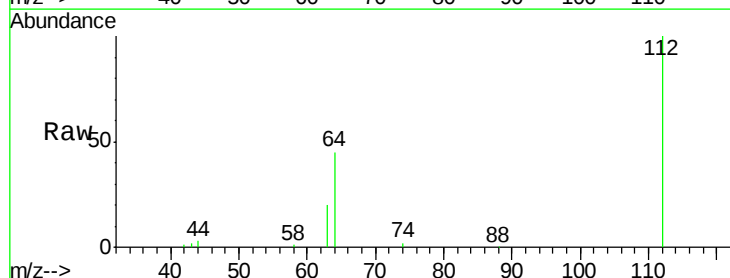
RT: 5.39 min Scan# 162

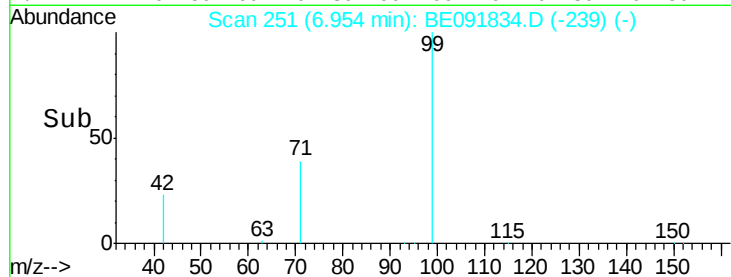
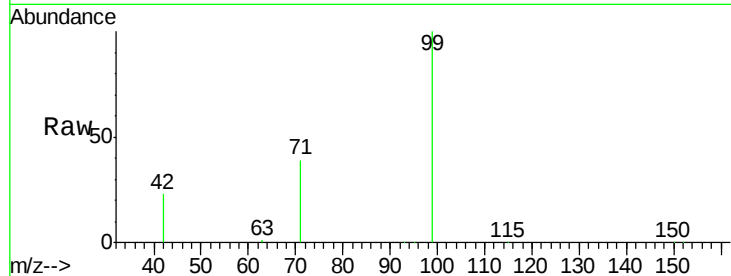
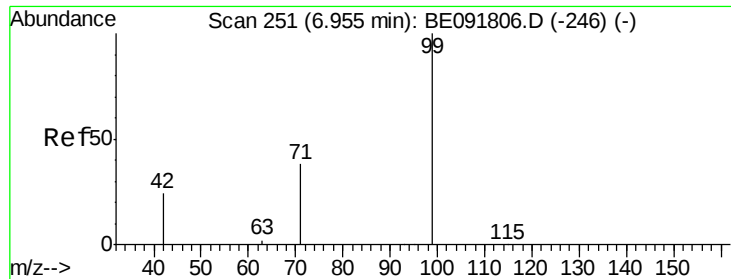
Delta R.T. 0.00 min

Lab File: BE091834.D

Acq: 20 May 2016 7:36

Tgt Ion:	112	Resp:	62408
Ion Ratio	Lower	Upper	
112	100		
64	68.5	30.9	46.3#
63	36.5	16.7	25.1#





#5

Phenol-d6

Concen: 9.40 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091834.D

Acq: 20 May 2016 7:36

Tgt Ion:	99	Resp:	104556
Ion Ratio	Lower	Upper	
99	100		
42	23.7	16.2	24.2
71	36.3	29.0	43.4

Instrument :

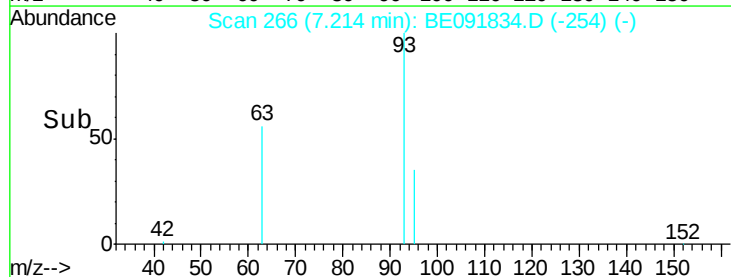
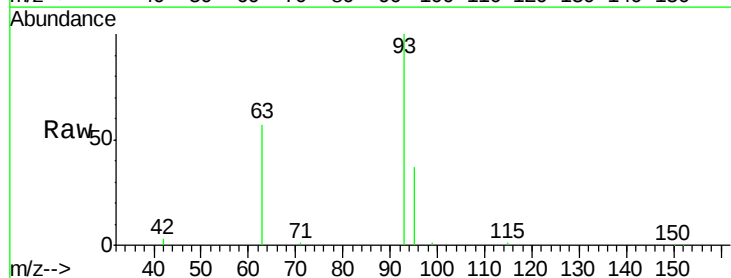
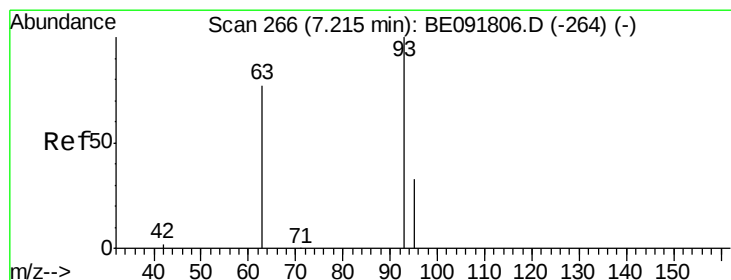
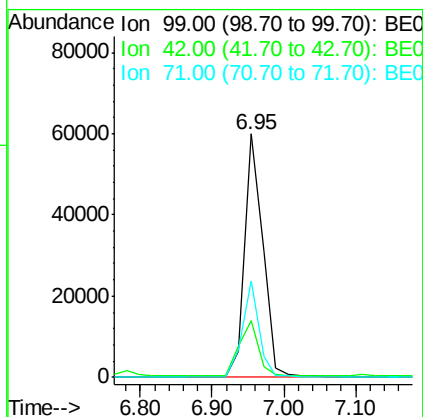
BNA_E

ClientSampleId :

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#6

bis(2-Chloroethyl)ether

Concen: 4.36 ng

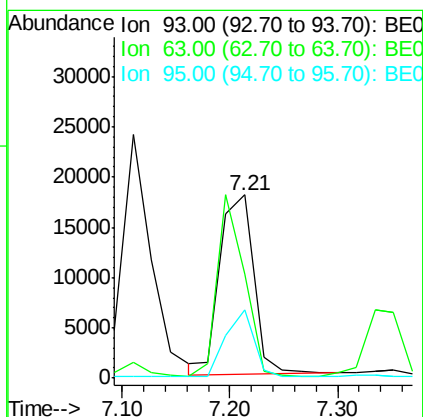
RT: 7.21 min Scan# 266

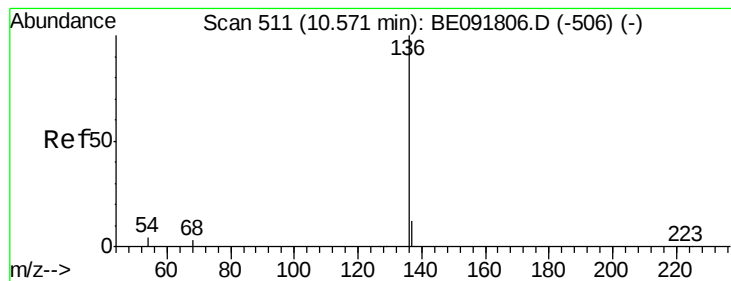
Delta R.T. -0.00 min

Lab File: BE091834.D

Acq: 20 May 2016 7:36

Tgt Ion:	93	Resp:	38957
Ion Ratio	Lower	Upper	
93	100		
63	80.2	49.5	74.3#
95	30.9	22.2	33.4





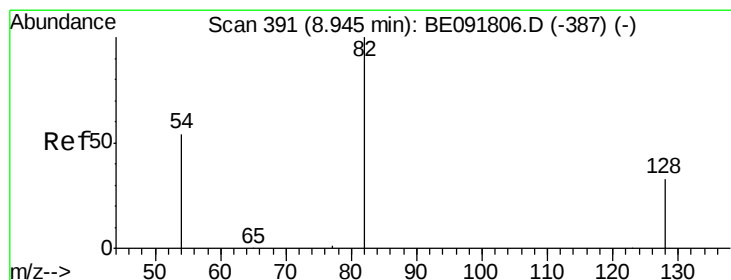
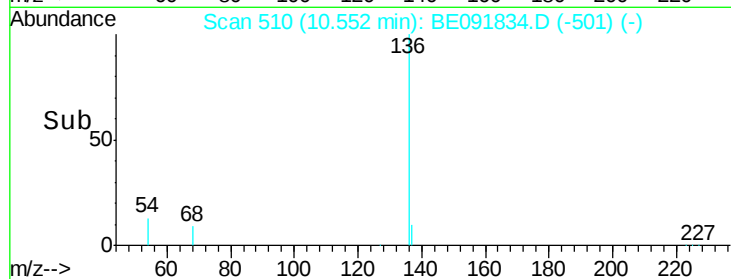
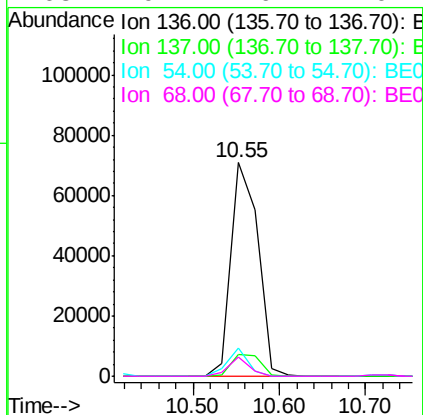
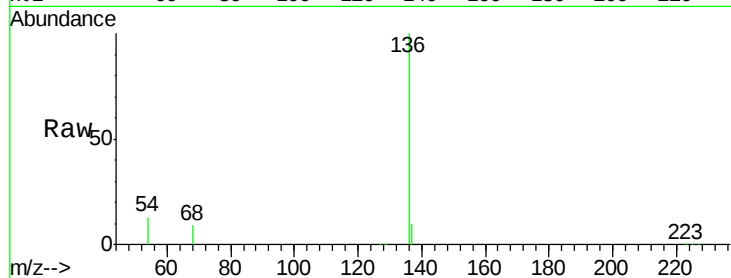
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.55 min Scan# 510
Delta R.T. -0.02 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Instrument :
BNA_E
ClientSampleId :
NC-TS-002MSD

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.0	8.9	13.3
54	13.1	8.2	12.4
68	9.1	6.2	9.4

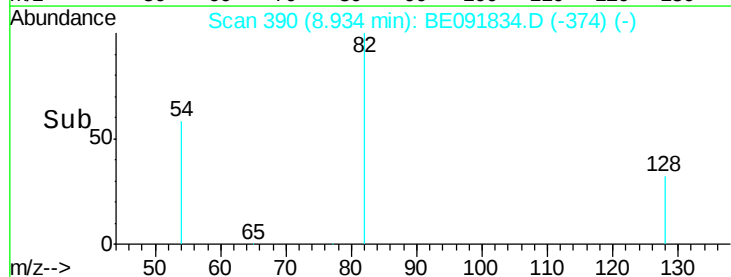
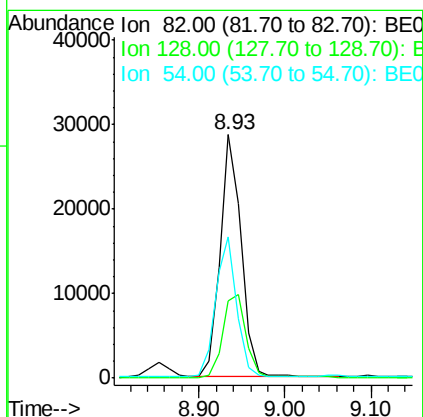
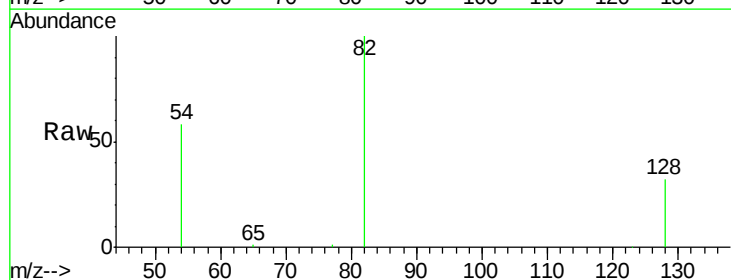
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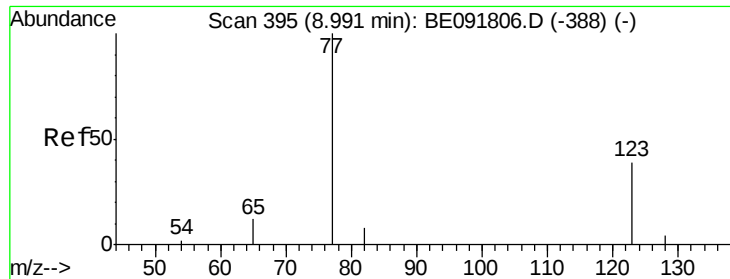
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#8
Nitrobenzene-d5
Concen: 4.83 ng
RT: 8.93 min Scan# 390
Delta R.T. -0.01 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	31.7	25.4	38.0
54	58.2	48.4	72.6





#9

Nitrobenzene

Concen: 4.81 ng

RT: 8.98 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE091834.D

Acq: 20 May 2016 7:36

Instrument :

BNA_E

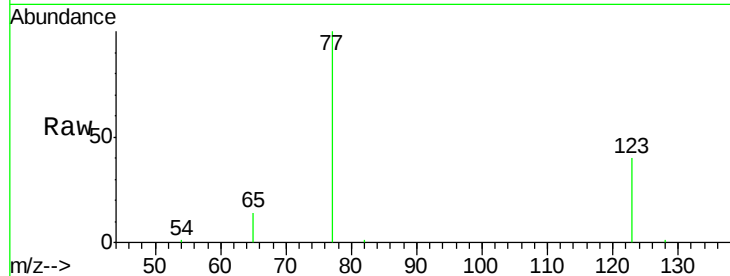
ClientSampleId :

NC-TS-002MSD

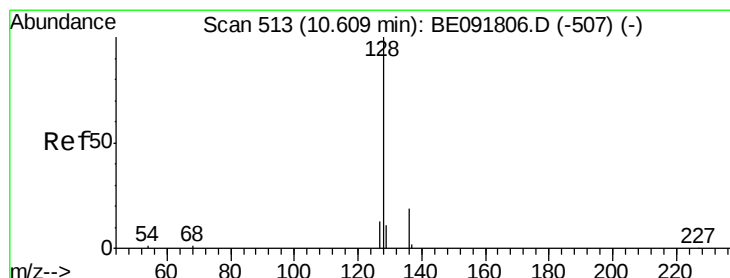
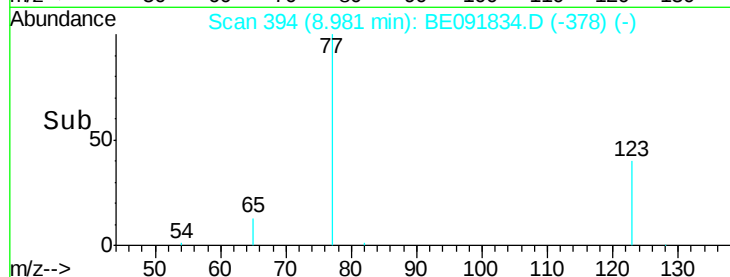
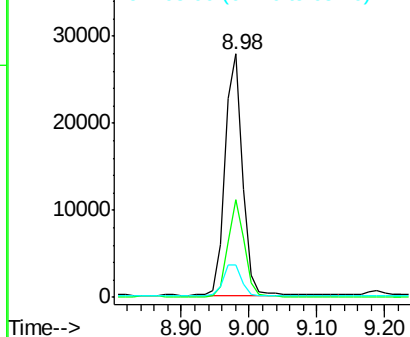
Tgt Ion:	77	Resp:	50363
Ion Ratio	Lower	Upper	
77	100		
123	38.2	26.9	40.3
65	14.1	9.4	14.2

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Abundance Ion 77.00 (76.70 to 77.70): BE0
Ion 123.00 (122.70 to 123.70): BE0
Ion 65.00 (64.70 to 65.70): BE0



#10

Naphthalene

Concen: 4.14 ng

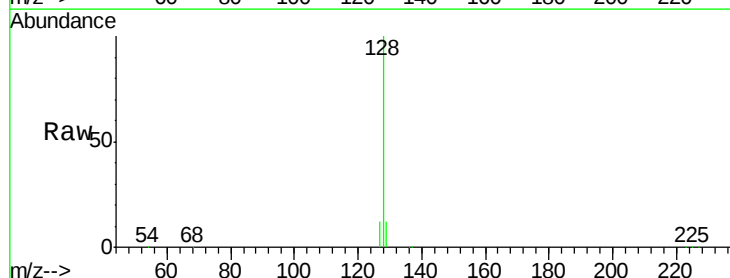
RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

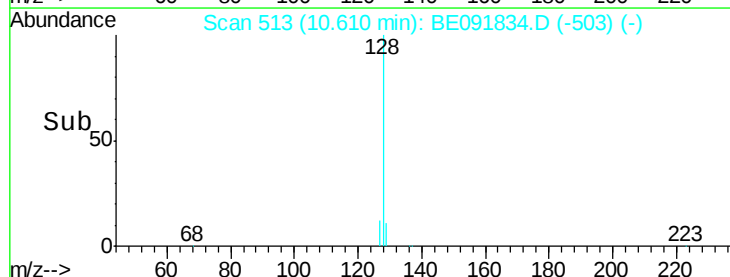
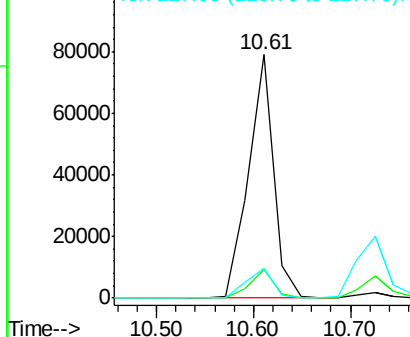
Lab File: BE091834.D

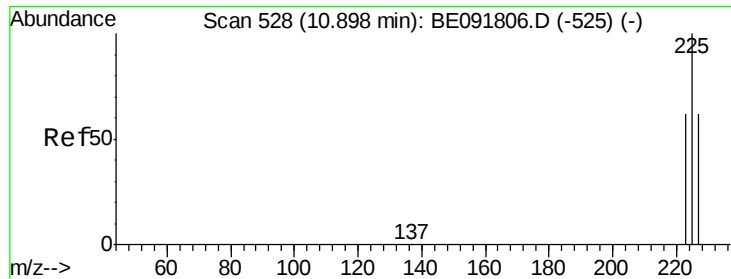
Acq: 20 May 2016 7:36

Tgt Ion:	128	Resp:	140774
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.3	13.9
127	12.2	10.7	16.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





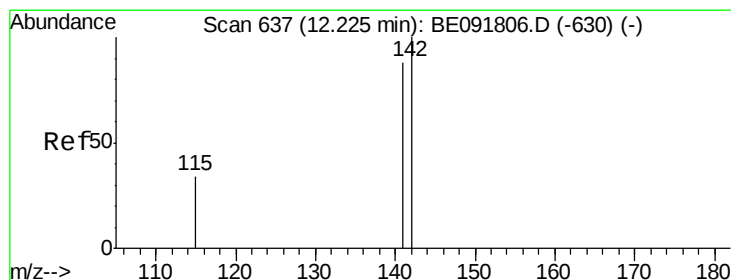
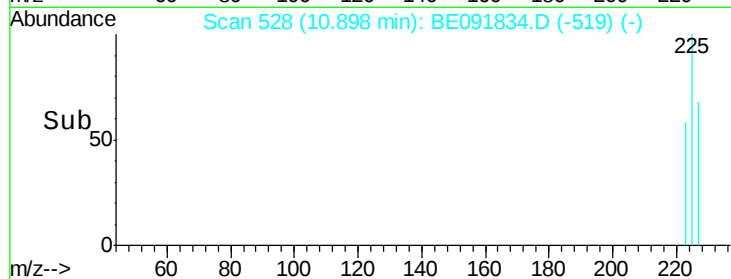
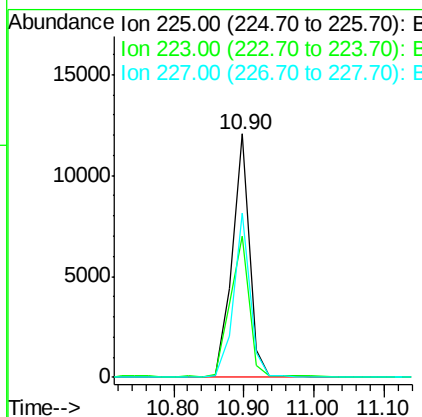
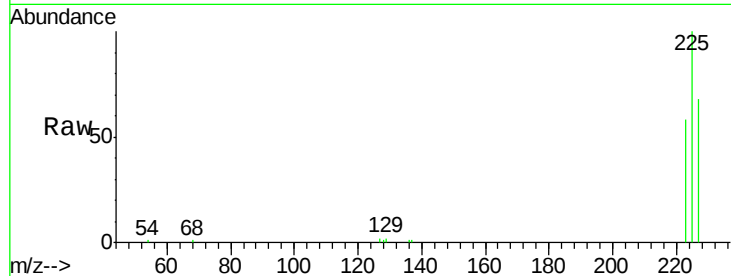
#11
Hexachlorobutadiene
Concen: 4.61 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Instrument :
BNA_E
ClientSampleId :
NC-TS-002MSD

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	23191		
223	63.6	49.0	73.6	
227	65.0	50.3	75.5	

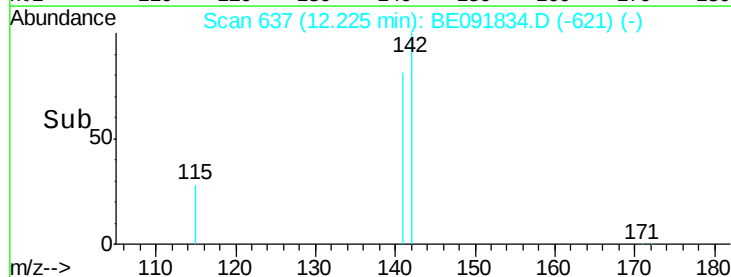
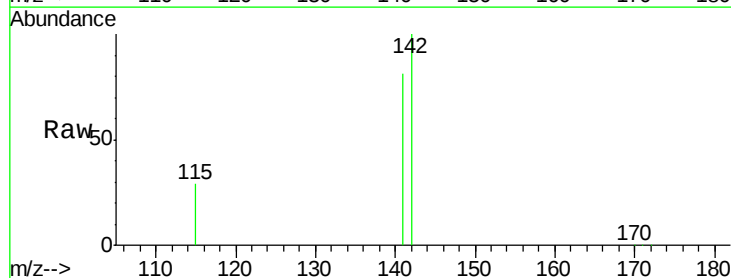
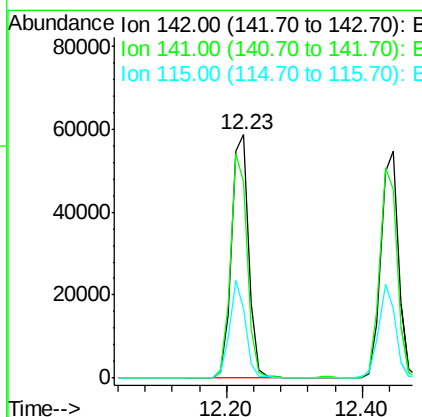
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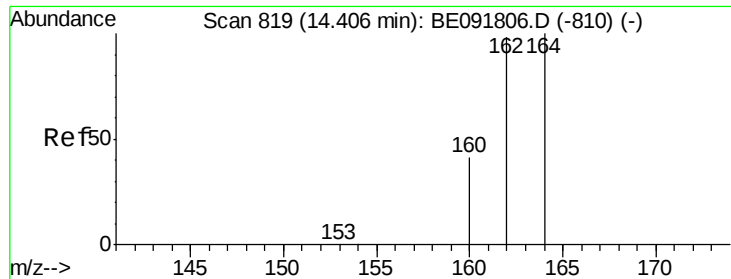
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#12
2-Methylnaphthalene
Concen: 4.57 ng
RT: 12.23 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	104432		
141	80.6	71.4	107.0	
115	28.7	30.3	45.5#	





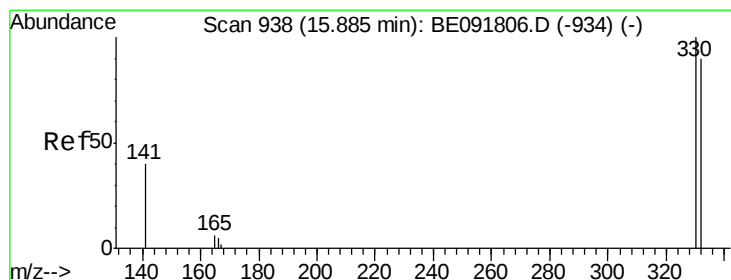
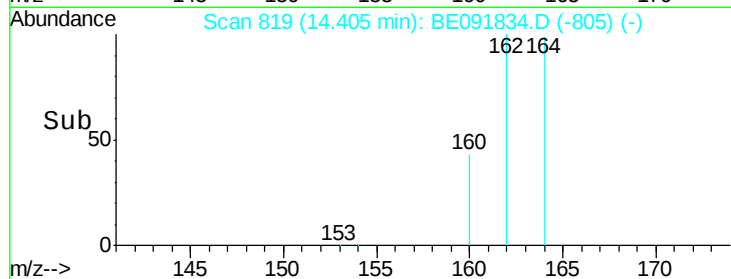
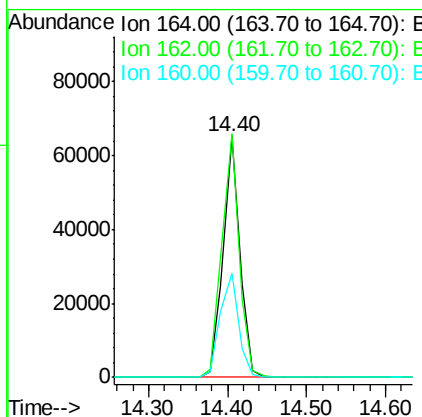
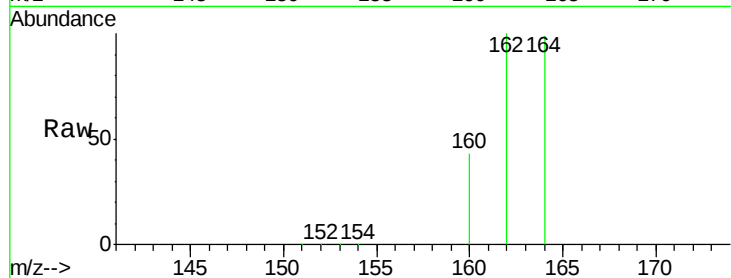
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Instrument :
BNA_E
ClientSampleId :
NC-TS-002MSD

Tgt Ion:164 Resp: 95175
Ion Ratio Lower Upper
164 100
162 101.3 85.3 127.9
160 43.5 46.2 69.2#

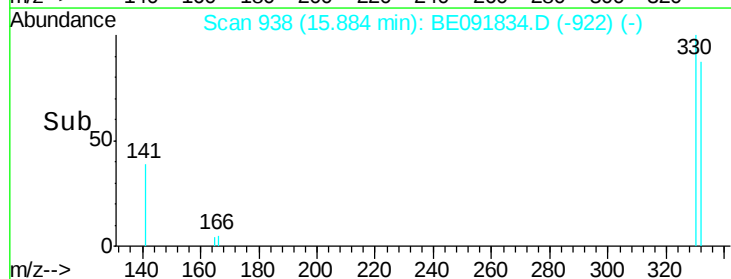
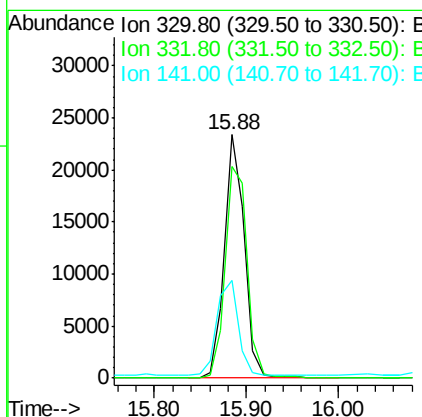
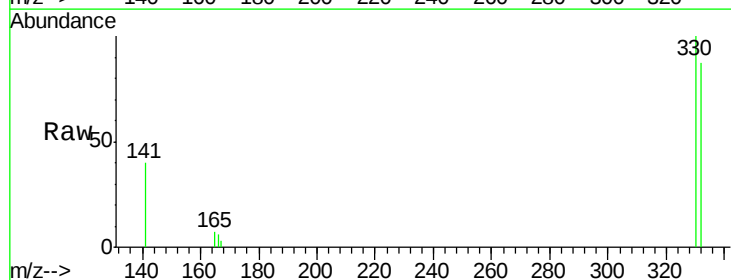
Manual Integrations
APPROVED

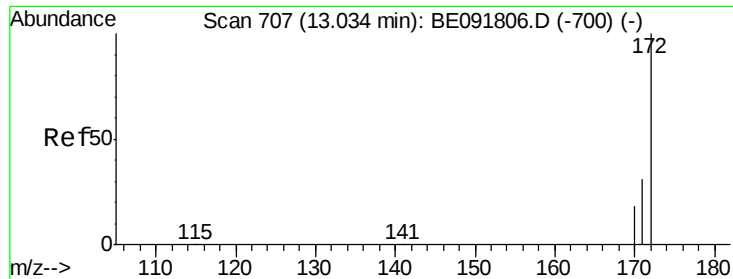
umangi
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#14
2,4,6-Tribromophenol
Concen: 9.42 ng
RT: 15.88 min Scan# 938
Delta R.T. -0.01 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Tgt Ion:330 Resp: 34826
Ion Ratio Lower Upper
330 100
332 95.8 79.1 118.7
141 41.6 125.4 188.0#





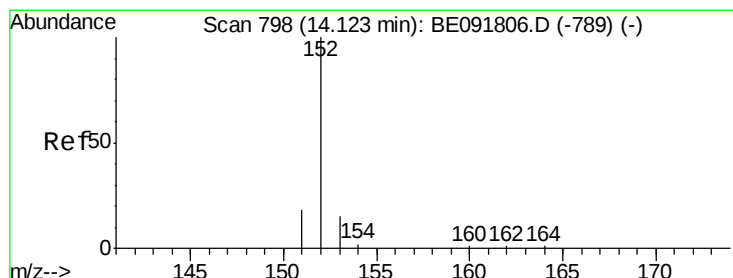
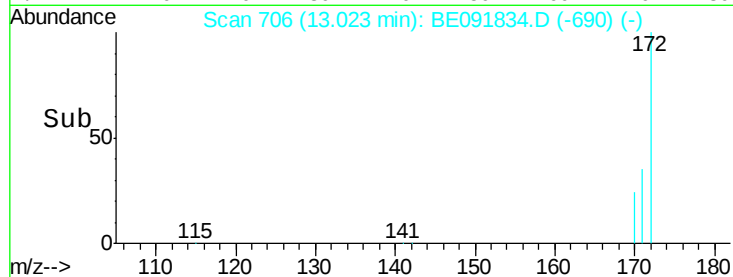
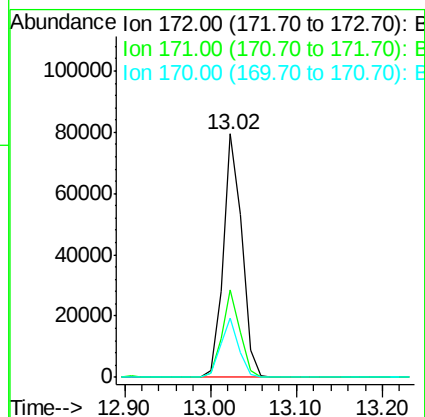
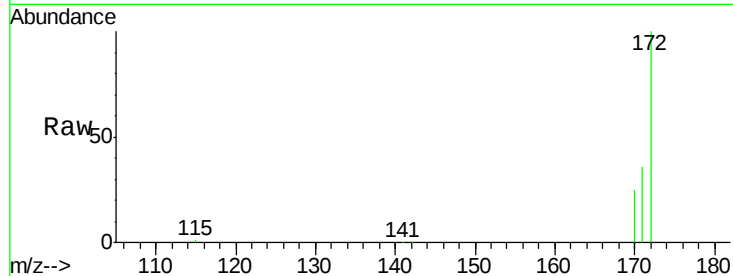
#15
2-Fluorobiphenyl
Concen: 4.46 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Instrument :
BNA_E
ClientSampleId :
NC-TS-002MSD

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	120174		
171	35.8	28.8	43.2	
170	24.5	19.3	28.9	

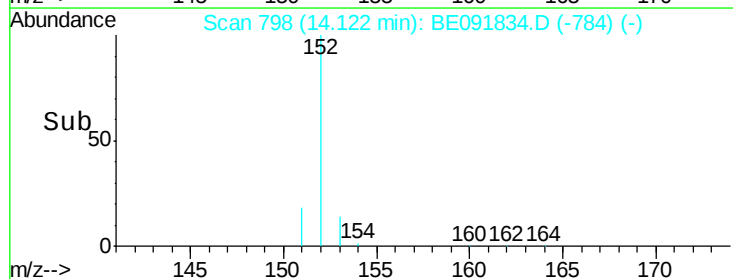
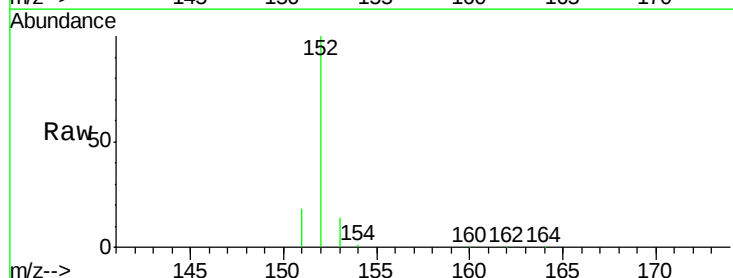
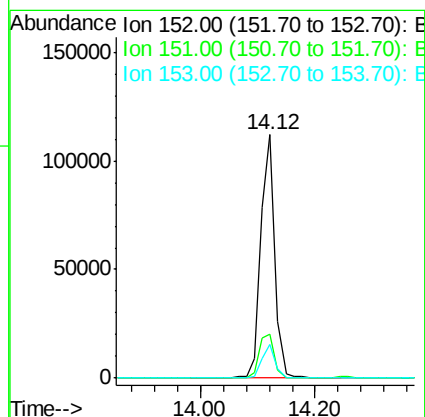
Manual Integrations
APPROVED

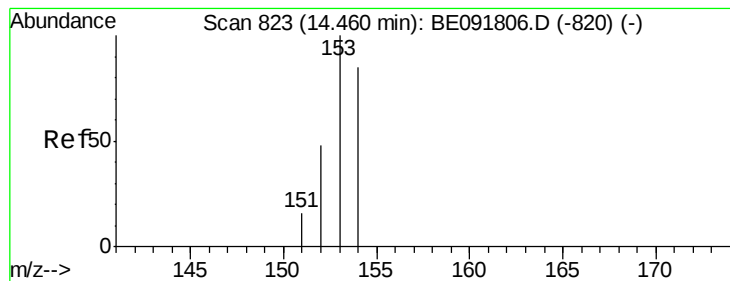
umangi
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#16
Acenaphthylene
Concen: 4.75 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	201616		
151	20.4	3.9	5.9#	
153	13.7	10.3	15.5	





#17

Acenaphthene

Concen: 4.42 ng

RT: 14.46 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE091834.D

Acq: 20 May 2016 7:36

Instrument :

BNA_E

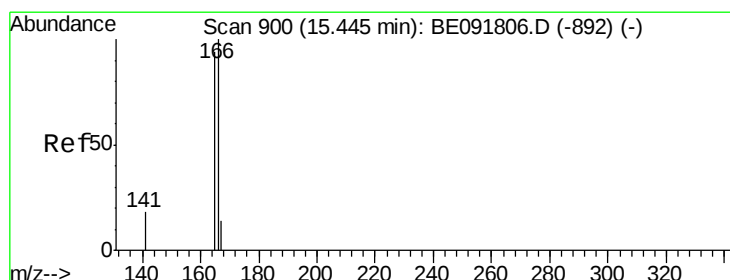
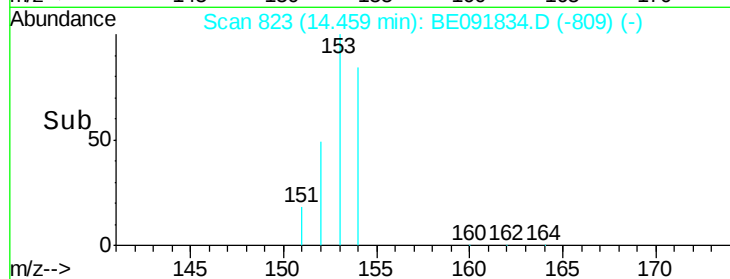
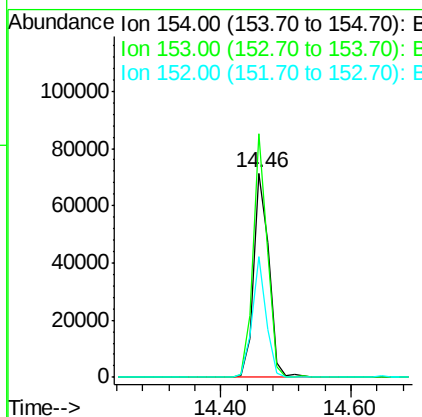
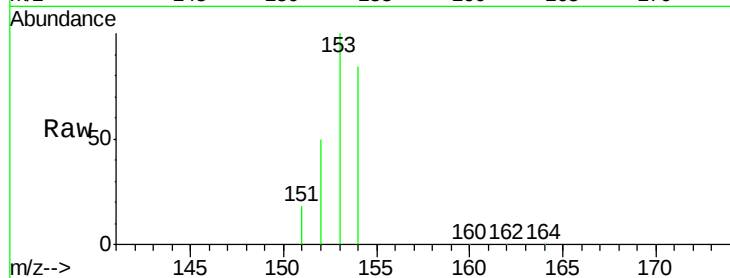
ClientSampleId :

NC-TS-002MSD

Tgt Ion:	154	Resp:	112893
Ion Ratio	Lower	Upper	
154	100		
153	110.8	80.0	120.0
152	53.7	40.0	60.0

Manual Integrations
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#18

Fluorene

Concen: 4.55 ng

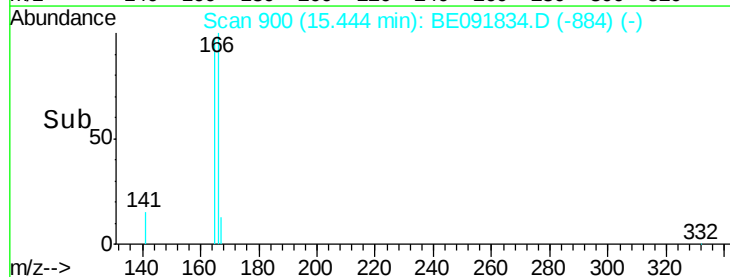
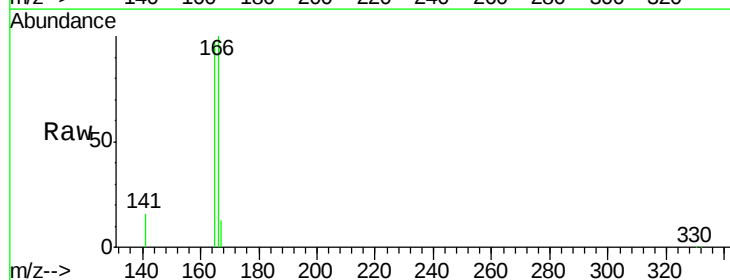
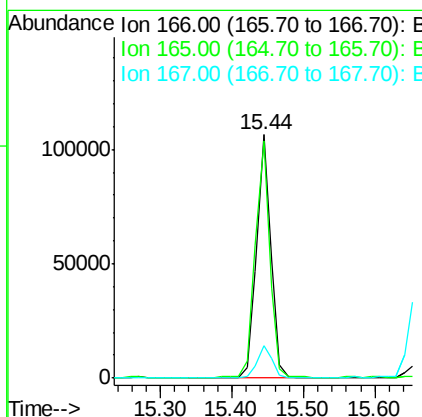
RT: 15.44 min Scan# 900

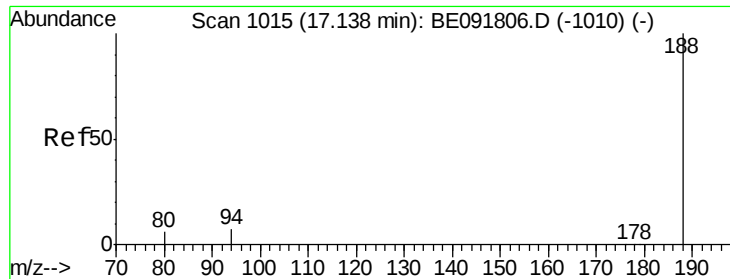
Delta R.T. -0.01 min

Lab File: BE091834.D

Acq: 20 May 2016 7:36

Tgt Ion:	166	Resp:	150647
Ion Ratio	Lower	Upper	
166	100		
165	98.6	80.8	121.2
167	13.6	10.9	16.3





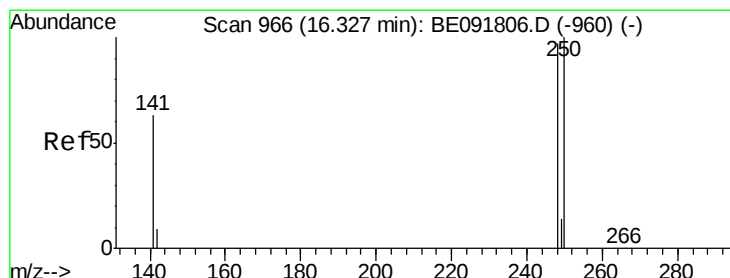
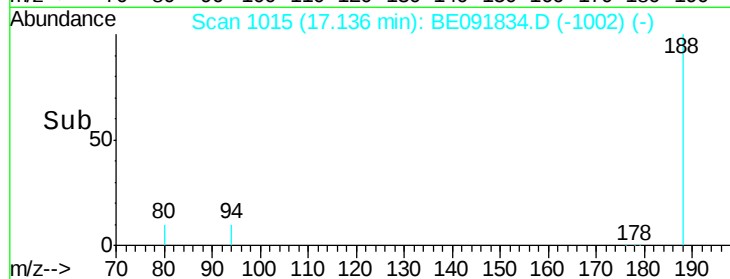
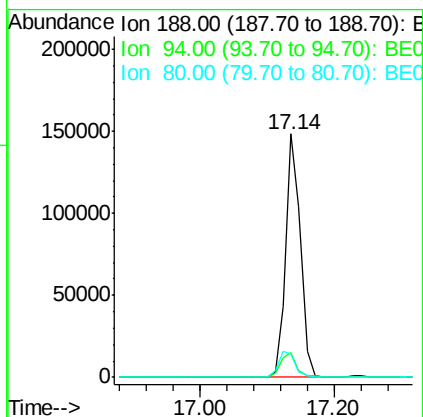
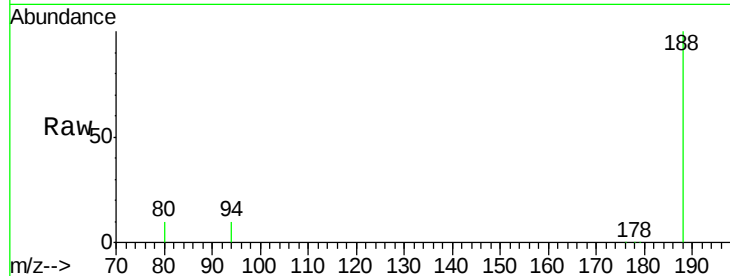
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Instrument :
BNA_E
ClientSampleId :
NC-TS-002MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.2	8.7	13.1
80	9.9	9.4	14.0

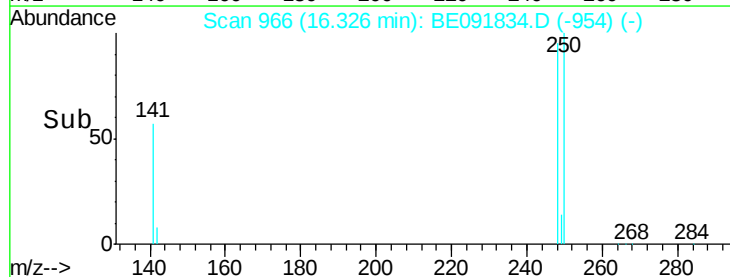
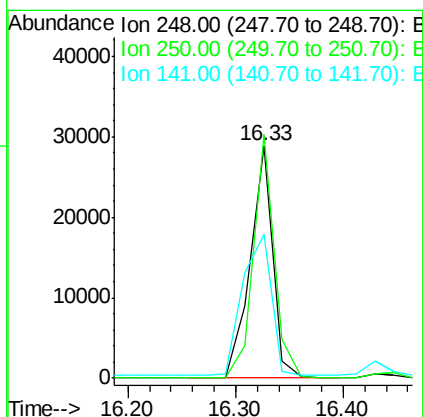
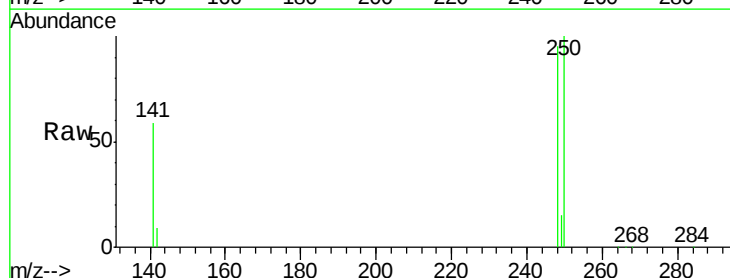
Manual Integrations
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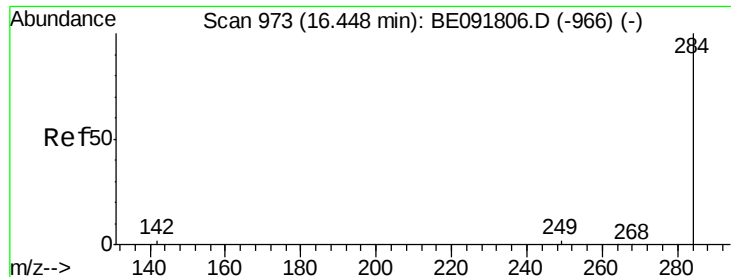
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#20
4-Bromophenyl-phenylether
Concen: 4.43 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	97.6	80.5	120.7
141	78.7	72.0	108.0





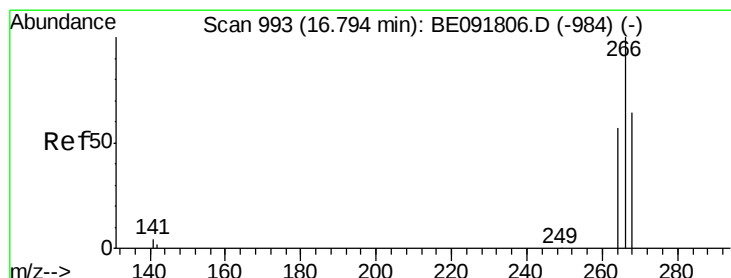
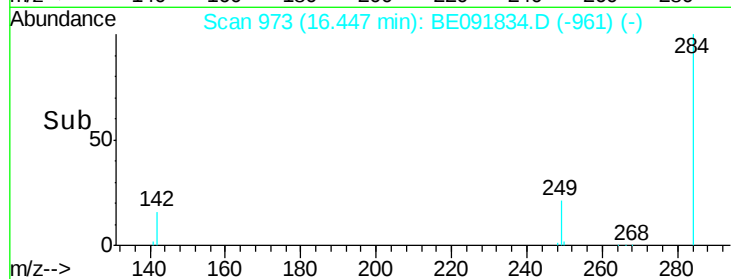
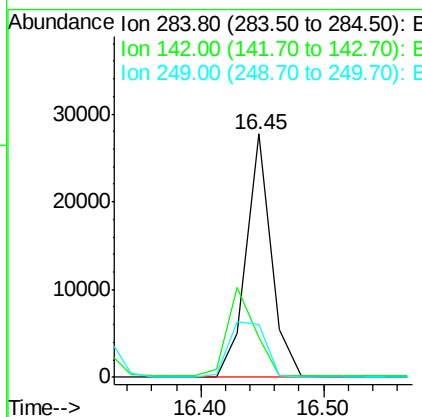
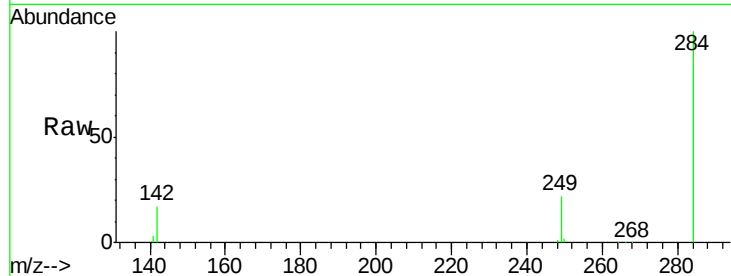
#21
Hexachlorobenzene
Concen: 4.10 ng m
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Instrument :
BNA_E
ClientSampleId :
NC-TS-002MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	39.7	32.2	48.2
249	32.5	25.4	38.2

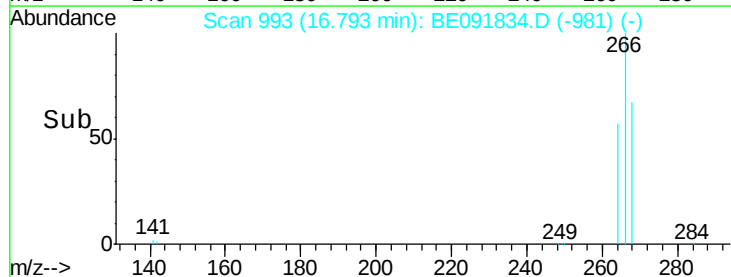
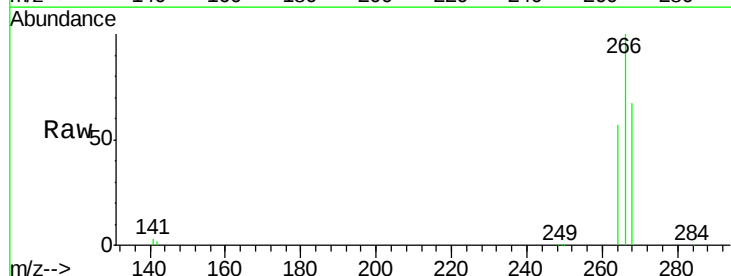
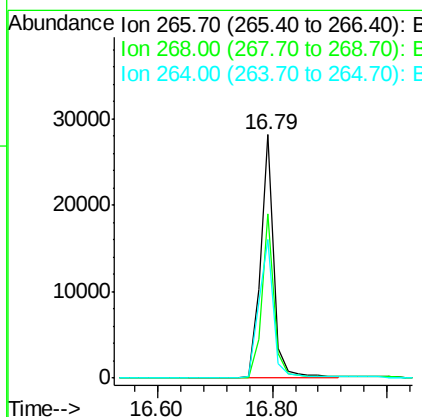
Manual Integrations
APPROVED

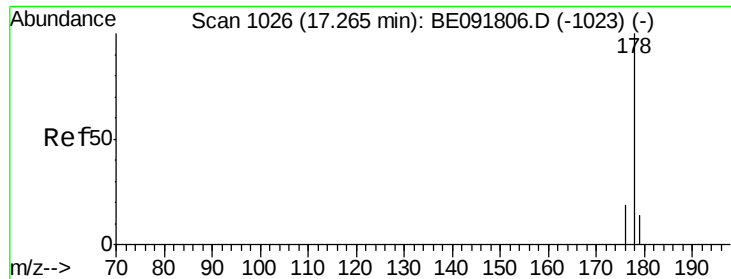
umangi
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#22
Pentachlorophenol
Concen: 11.21 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.3	58.2	87.2
264	57.2	56.2	84.4





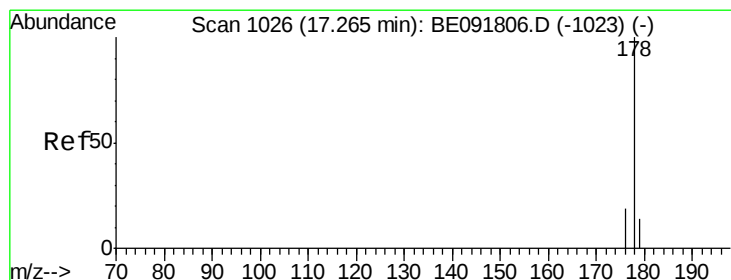
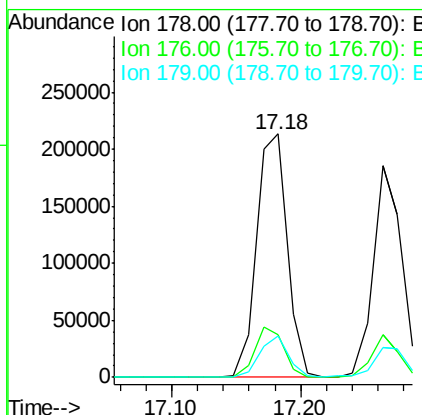
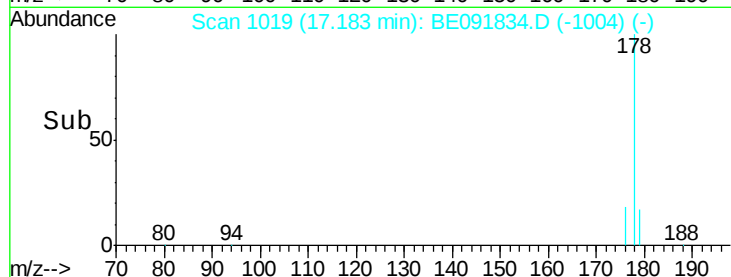
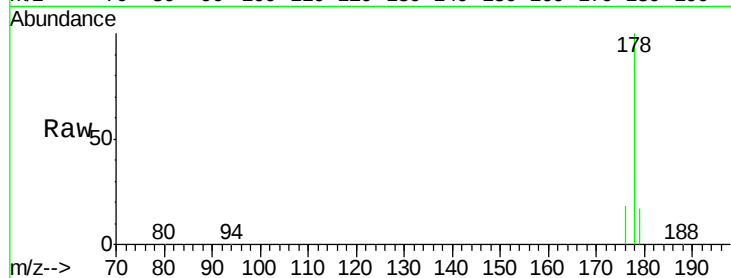
#23
Phenanthrene
Concen: 7.27 ng
RT: 17.18 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Instrument :
BNA_E
ClientSampleId :
NC-TS-002MSD

Tgt Ion:178 Resp: 355316
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 15.6 12.6 18.8

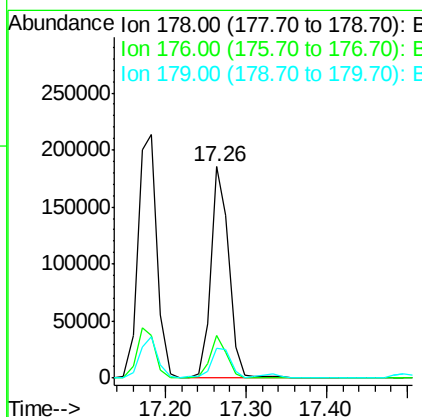
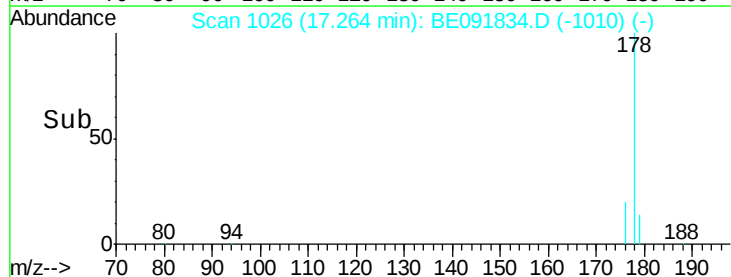
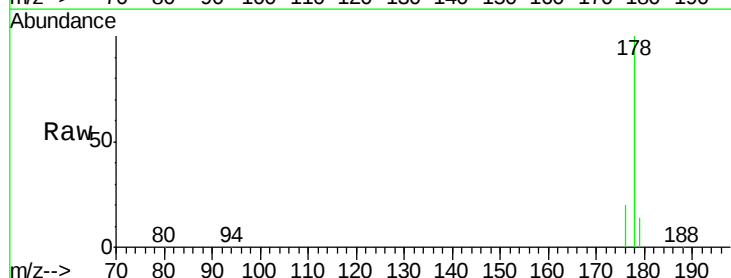
Manual Integrations
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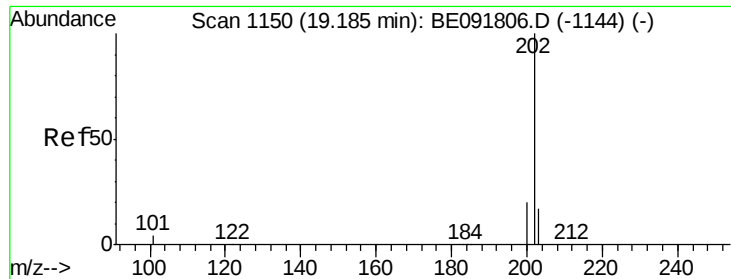
umangi
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#24
Anthracene
Concen: 5.24 ng
RT: 17.26 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Tgt Ion:178 Resp: 285666
Ion Ratio Lower Upper
178 100
176 18.8 14.6 21.8
179 15.6 11.8 17.6





#25

Fluoranthene

Concen: 8.26 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091834.D

Acq: 20 May 2016 7:36

Instrument :

BNA_E

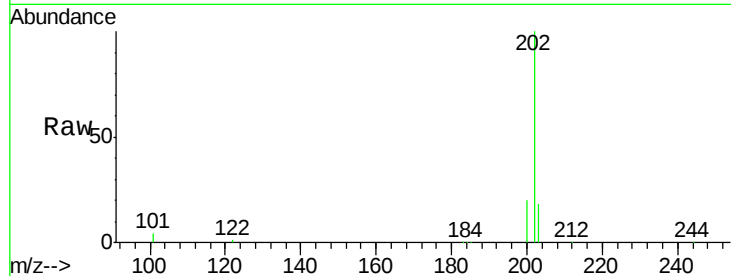
ClientSampleId :

NC-TS-002MSD

Tgt	Ion	202	Resp:	549618
Ion	Ratio	Lower	Upper	
202	100			
101	11.4	11.0	16.6	
203	17.9	13.9	20.9	

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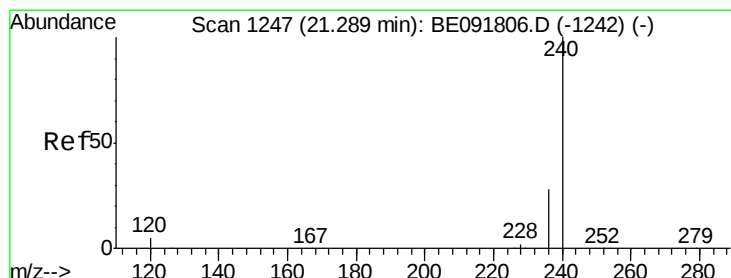
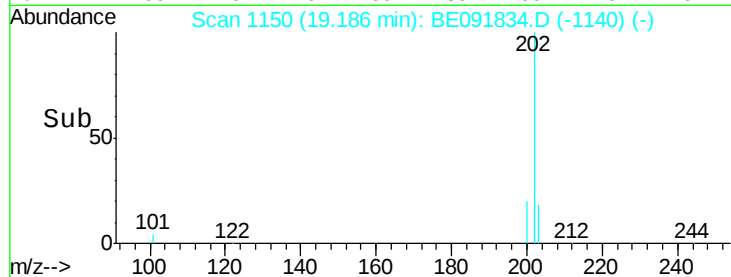
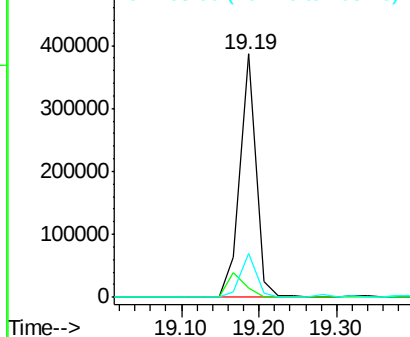


Abundance

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: BE091834.D

Acq: 20 May 2016 7:36

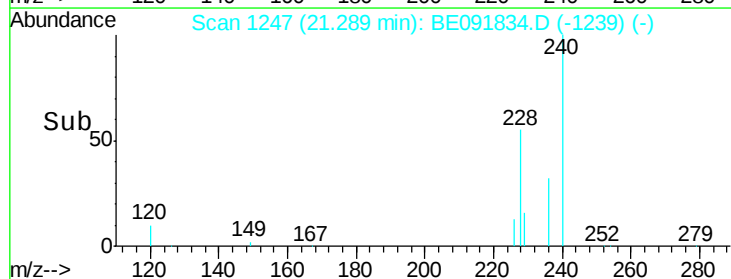
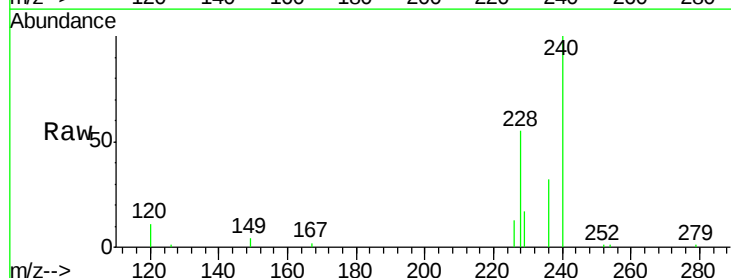
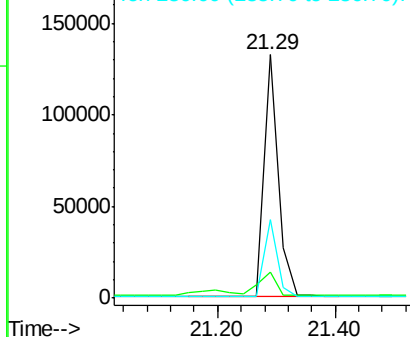
Tgt	Ion	240	Resp:	222909
Ion	Ratio	Lower	Upper	
240	100			
120	10.7	11.0	16.4#	
236	32.1	21.7	32.5	

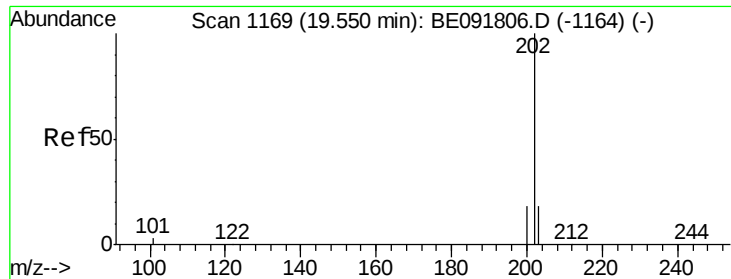
Abundance

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





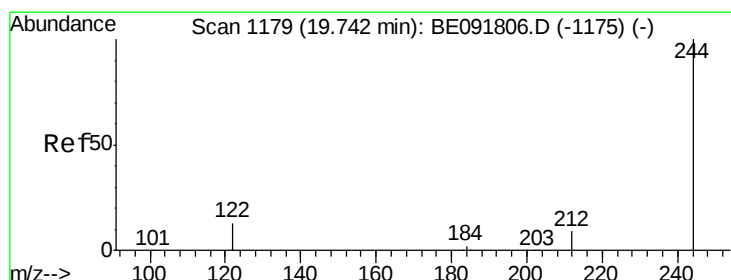
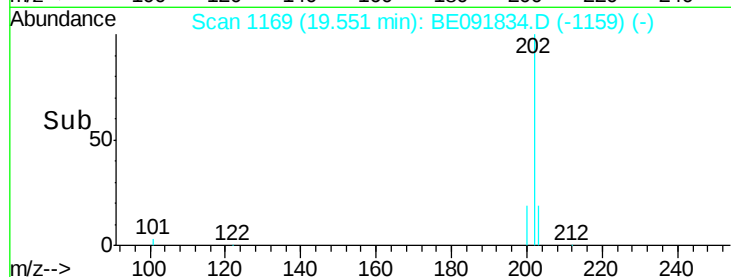
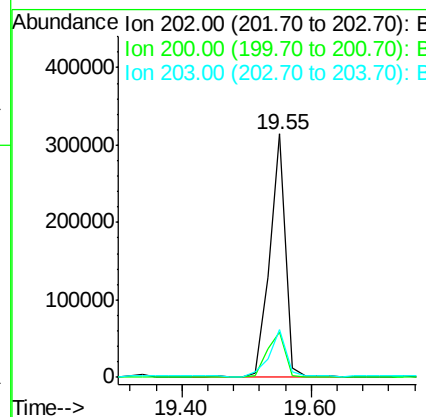
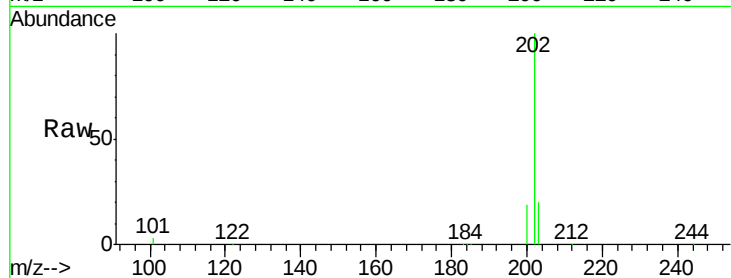
#28
Pyrene
Concen: 10.93 ng
RT: 19.55 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Instrument :
BNA_E
ClientSampleId :
NC-TS-002MSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	534489		
200	21.6		16.8	25.2
203	21.0		14.0	21.0

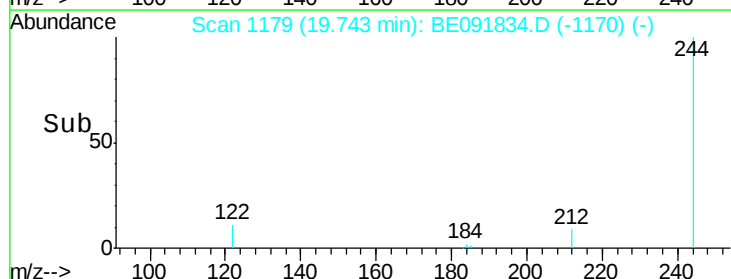
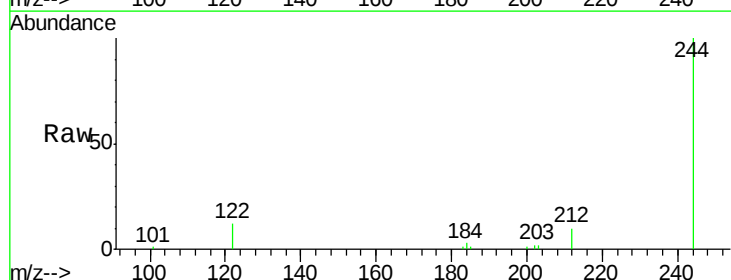
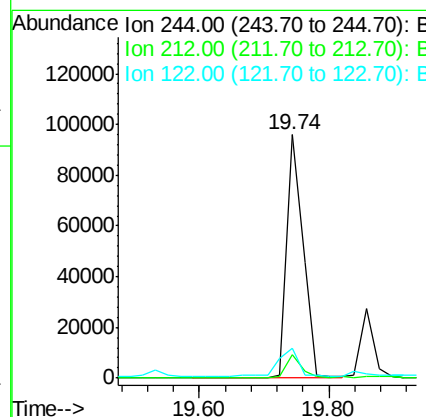
Manual Integrations
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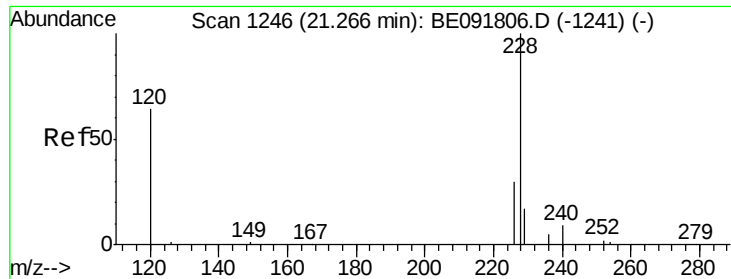
umangi
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#29
Terphenyl-d14
Concen: 5.23 ng
RT: 19.74 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	164878		
212	9.8		6.9	10.3
122	12.2		11.0	16.4





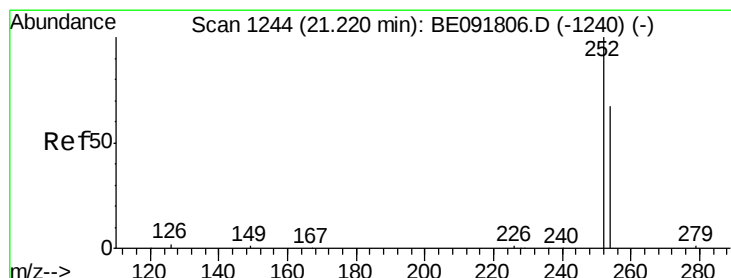
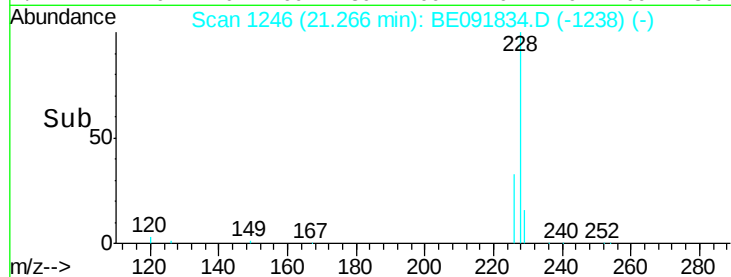
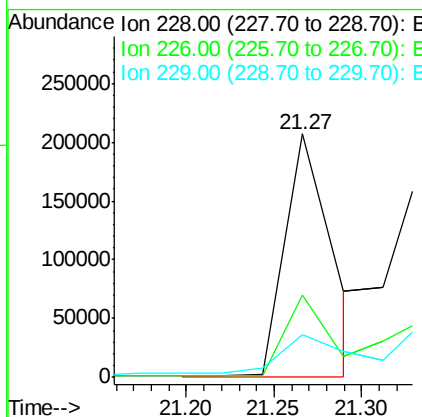
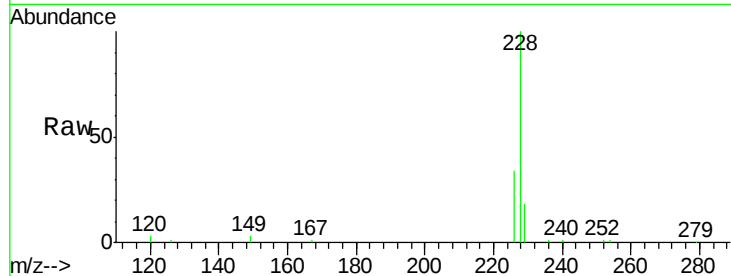
#30
Benzo(a)anthracene
Concen: 7.31 ng m
RT: 21.27 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Instrument :
BNA_E
ClientSampleId :
NC-TS-002MSD

Tgt Ion:228 Resp: 393260
Ion Ratio Lower Upper
228 100
226 33.8 21.0 31.4#
229 17.5 15.7 23.5

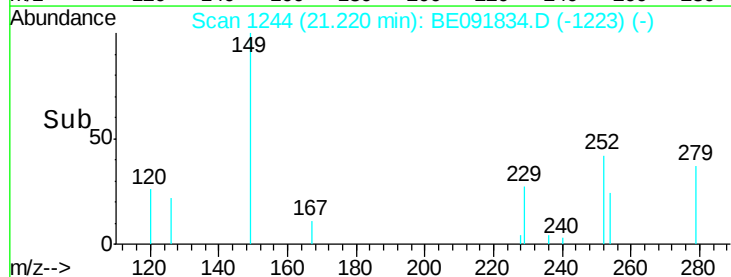
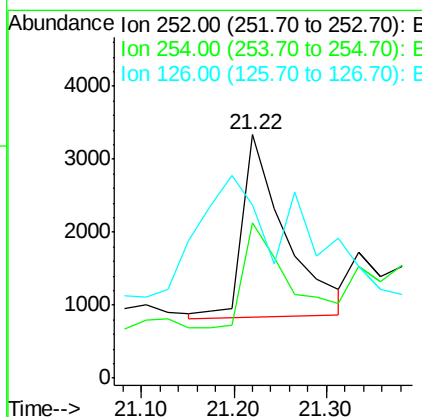
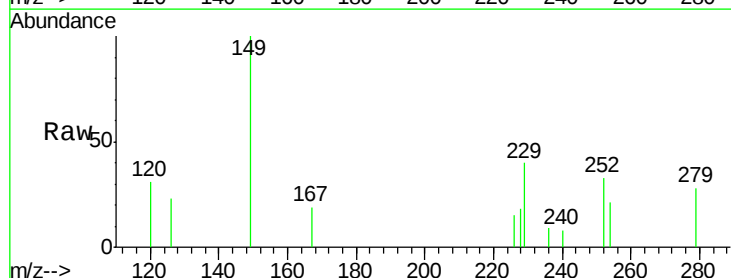
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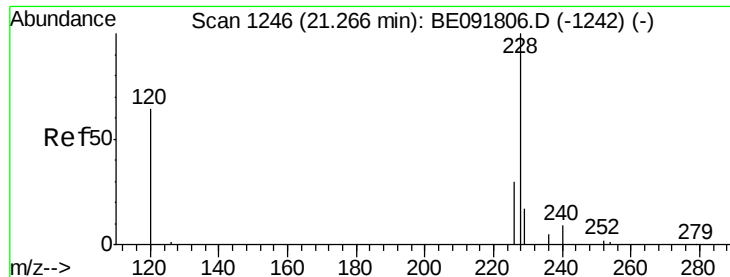
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#31
3,3'-Dichlorobenzidine
Concen: 0.24 ng
RT: 21.22 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Tgt Ion:252 Resp: 8151
Ion Ratio Lower Upper
252 100
254 63.6 51.1 76.7
126 70.9 12.6 18.8#





#32

Chrysene

Concen: 8.26 ng m

RT: 21.34 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BE091834.D

Acq: 20 May 2016 7:36

Instrument :

BNA_E

ClientSampleId :

NC-TS-002MSD

Tgt Ion: 228 Resp: 382334

Ion Ratio Lower Upper

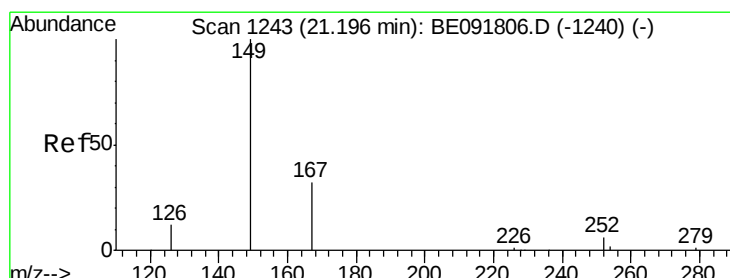
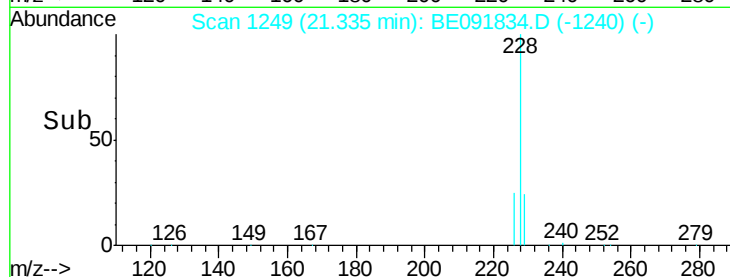
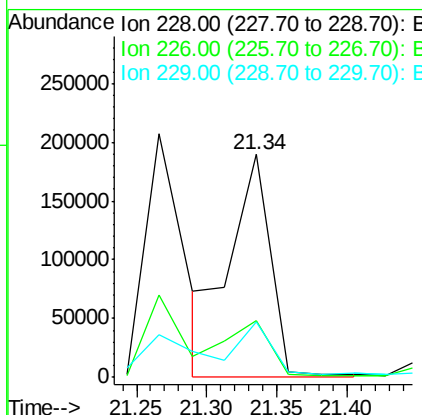
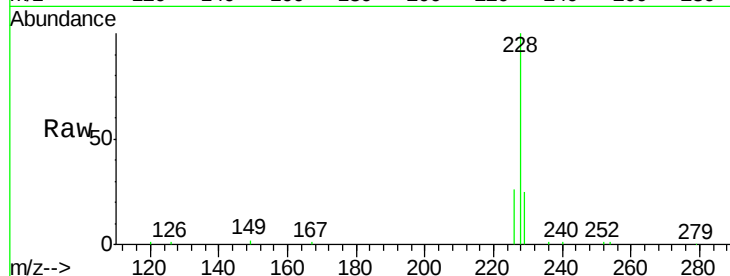
228 100

226 25.7 24.0 36.0

229 24.9 15.9 23.9#

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#33

Bis(2-ethylhexyl)phthalate

Concen: 8.93 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091834.D

Acq: 20 May 2016 7:36

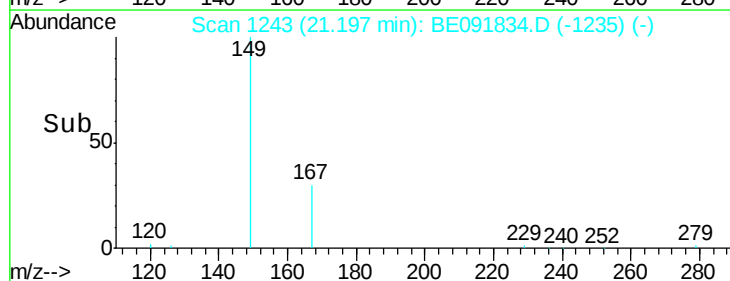
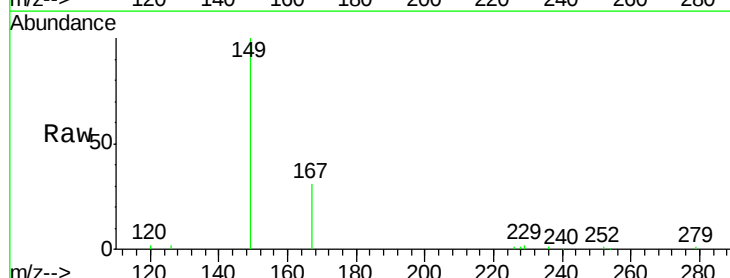
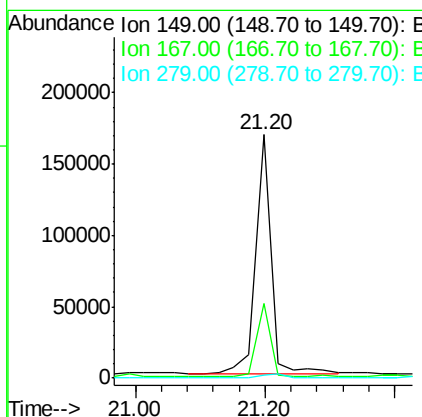
Tgt Ion: 149 Resp: 280196

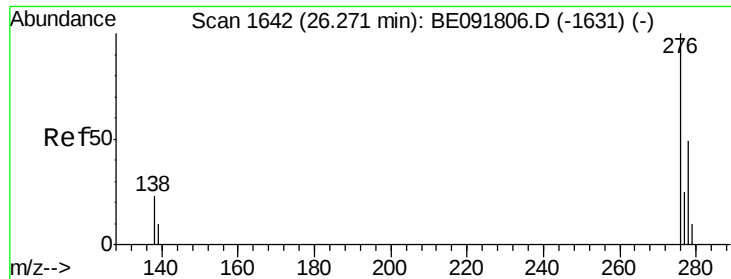
Ion Ratio Lower Upper

149 100

167 25.9 19.5 29.3

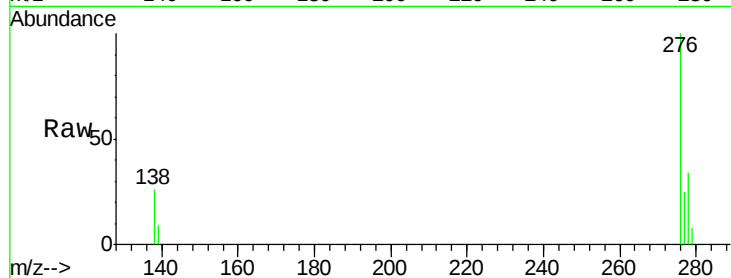
279 0.0 10.0 15.0#





#34
 Indeno(1,2,3-cd)pyrene
 Concen: 6.93 ng
 RT: 26.28 min Scan# 1643
 Delta R.T. -0.02 min
 Lab File: BE091834.D
 Acq: 20 May 2016 7:36

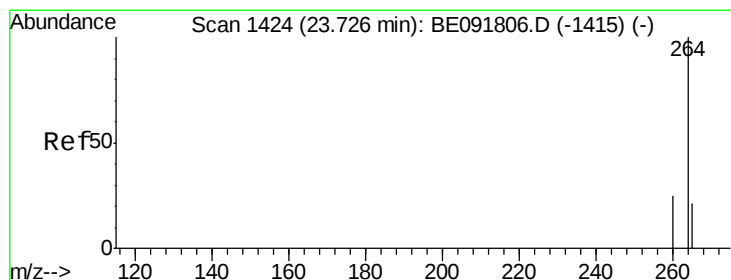
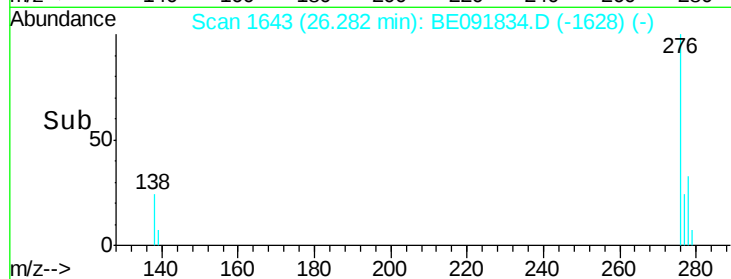
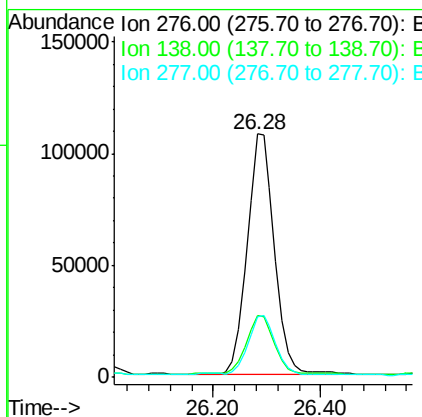
Instrument :
 BNA_E
 ClientSampleId :
 NC-TS-002MSD



Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	24.0	23.4	35.2
277	23.9	19.8	29.8

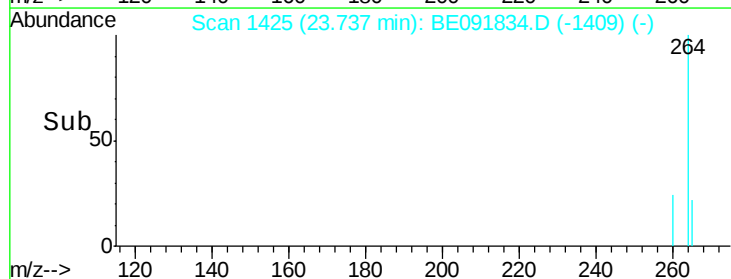
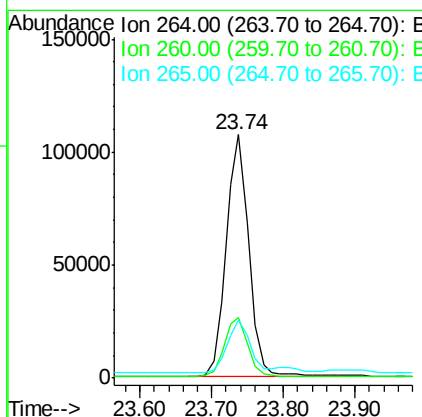
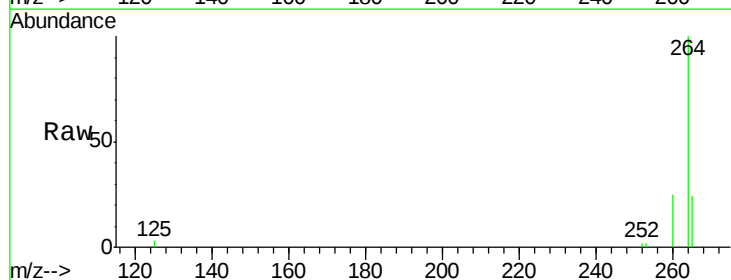
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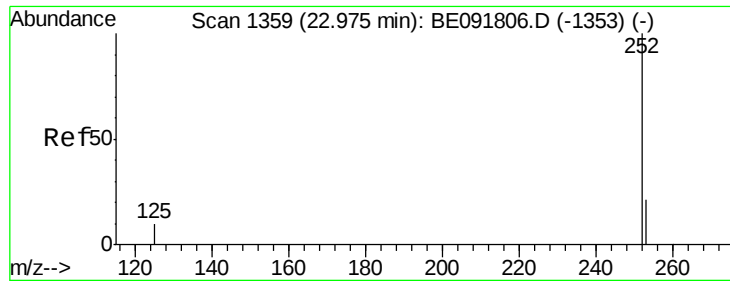
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#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.74 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BE091834.D
 Acq: 20 May 2016 7:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.0	20.0	30.0
265	23.9	17.5	26.3





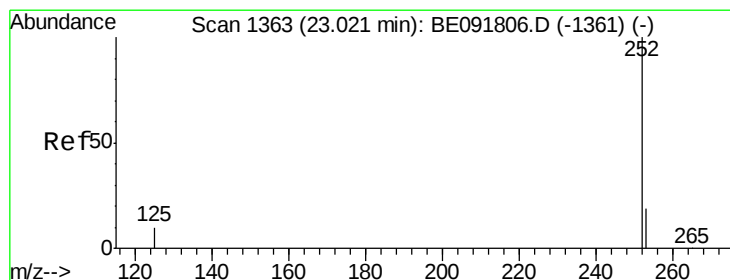
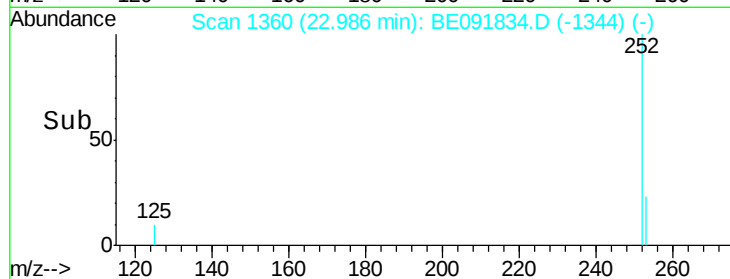
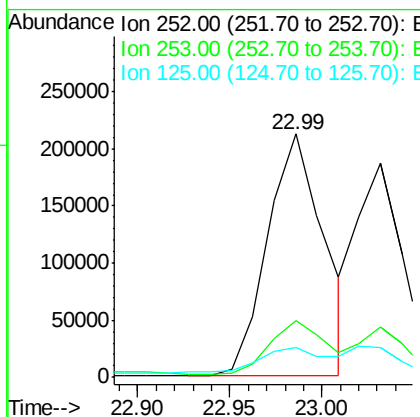
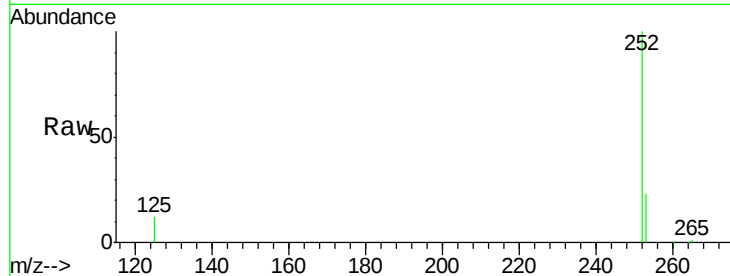
#36
Benzo(b)fluoranthene
Concen: 7.78 ng
RT: 22.99 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Instrument :
BNA_E
ClientSampleId :
NC-TS-002MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	12.1	10.2	15.2

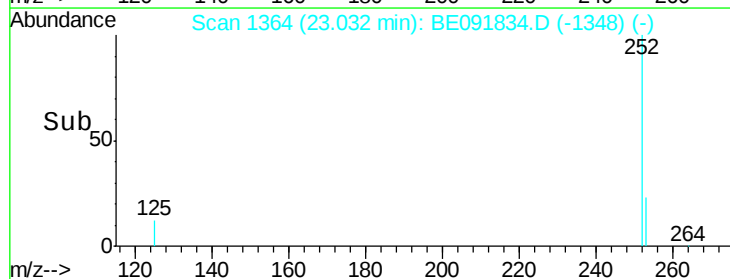
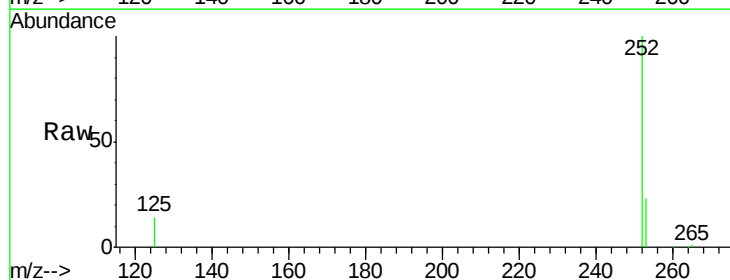
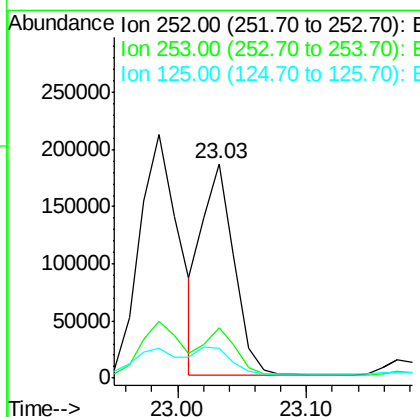
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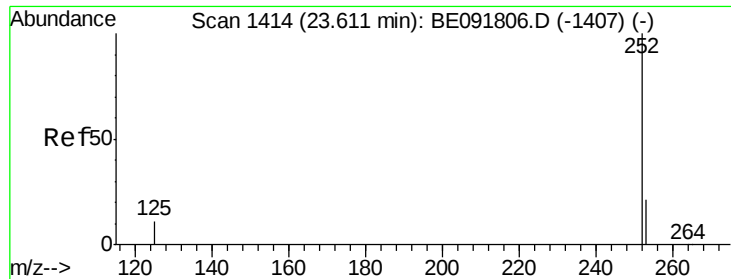
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#37
Benzo(k)fluoranthene
Concen: 5.38 ng
RT: 23.03 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	13.6	9.9	14.9





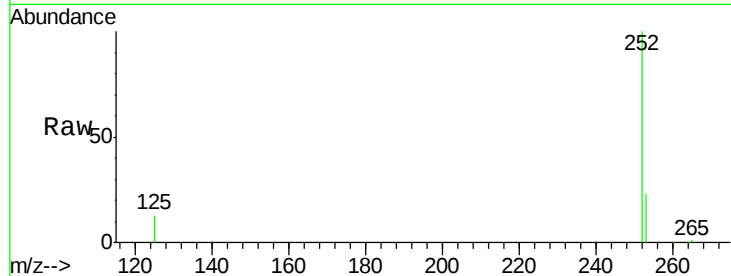
#38
Benzo(a)pyrene
Concen: 6.96 ng
RT: 23.62 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

Instrument :
BNA_E
ClientSampleId :
NC-TS-002MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.9	18.1	27.1
125	12.6	11.0	16.4

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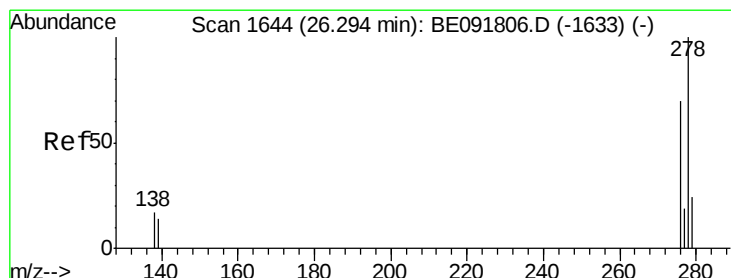
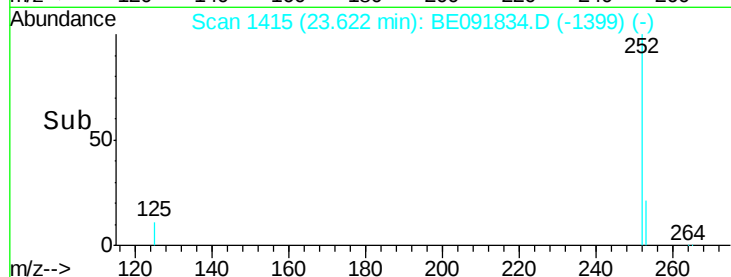
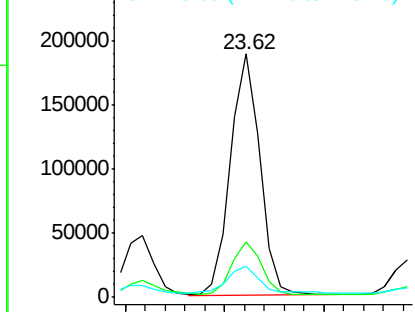


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#39
Dibenzo(a,h)anthracene
Concen: 4.84 ng
RT: 26.30 min Scan# 1645
Delta R.T. -0.04 min
Lab File: BE091834.D
Acq: 20 May 2016 7:36

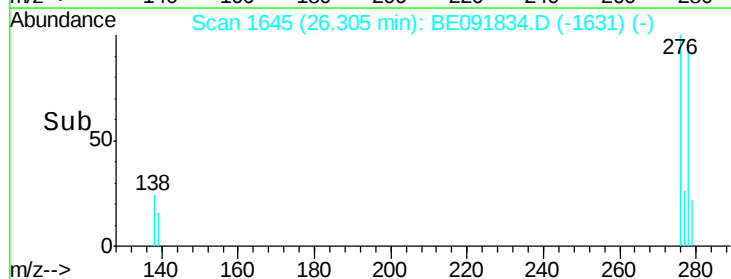
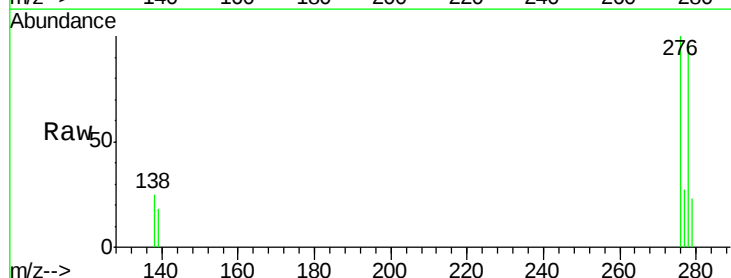
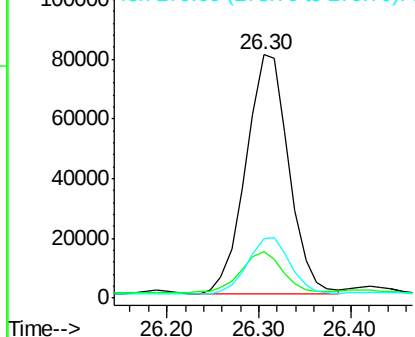
Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	19.0	16.0	24.0
279	24.4	19.4	29.2

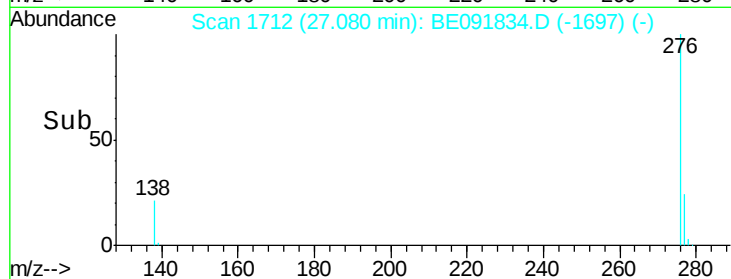
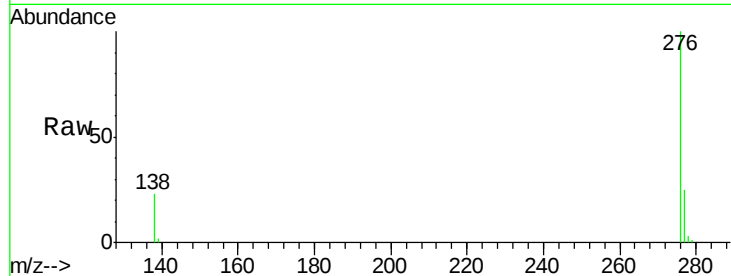
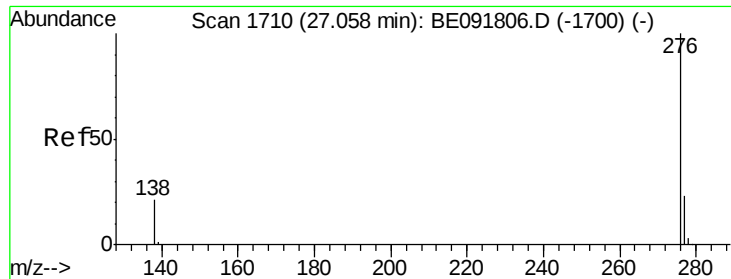
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#40

Benzo(g,h,i)perylene

Concen: 6.07 ng

RT: 27.08 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BE091834.D

Acq: 20 May 2016 7:36

Instrument :

BNA_E

ClientSampleId :

NC-TS-002MSD

Tgt Ion:	276	Resp:	338692
Ion Ratio	Lower	Upper	
276	100		
277	24.6	18.6	28.0
138	22.5	20.4	30.6

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