

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
 Data File : BE096297.D
 Acq On : 2 May 2018 17:07
 Operator : SJ/JU
 Sample : J2507-04RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY032MW006-180419RE

Manual Integrations
 APPROVED

Sohil
 5/3/2018 4:27:59 PM

Quant Time: May 03 12:33:58 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	821	0.40	ng	0.00
7) Naphthalene-d8	11.16	136	13915	0.40	ng	-0.03
13) Acenaphthene-d10	14.96	164	1463	0.40	ng	0.01
19) Phenanthrene-d10	17.66	188	4075	0.40	ng	0.01
27) Chrysene-d12	21.75	240	3924	0.40	ng	0.01
34) Perylene-d12	24.35	264	4025	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.89	112	919	0.36	ng	0.03
5) Phenol-d6	7.58	99	895m	0.26	ng	0.07
8) Nitrobenzene-d5	9.57	82	2093m	0.13	ng	0.03
11) 2-Methylnaphthalene-d10	12.76	152	2311m	0.10	ng	0.02
14) 2,4,6-Tribromophenol	16.44	330	444	0.63	ng	0.02
15) 2-Fluorobiphenyl	13.74	172	1091m	0.17	ng	0.16
25) Fluoranthene-d10	19.64	212	21309	0.39	ng	0.00
29) Terphenyl-d14	20.19	244	4537	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.64	88	4402075	3471.113	ng	Qvalue # 80
6) bis(2-Chloroethyl)ether	7.80	93	1064603	345.245	ng	97
9) Naphthalene	11.27	128	947785	6.461	ng	99
12) 2-Methylnaphthalene	12.83	142	17604m	0.725	ng	
18) Fluorene	15.98	166	575	0.099	ng	98
22) Pentachlorophenol	17.32	266	141m	0.262	ng	
32) Bis(2-ethylhexyl)phthalate	21.60	149	10639m	0.328	ng	

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

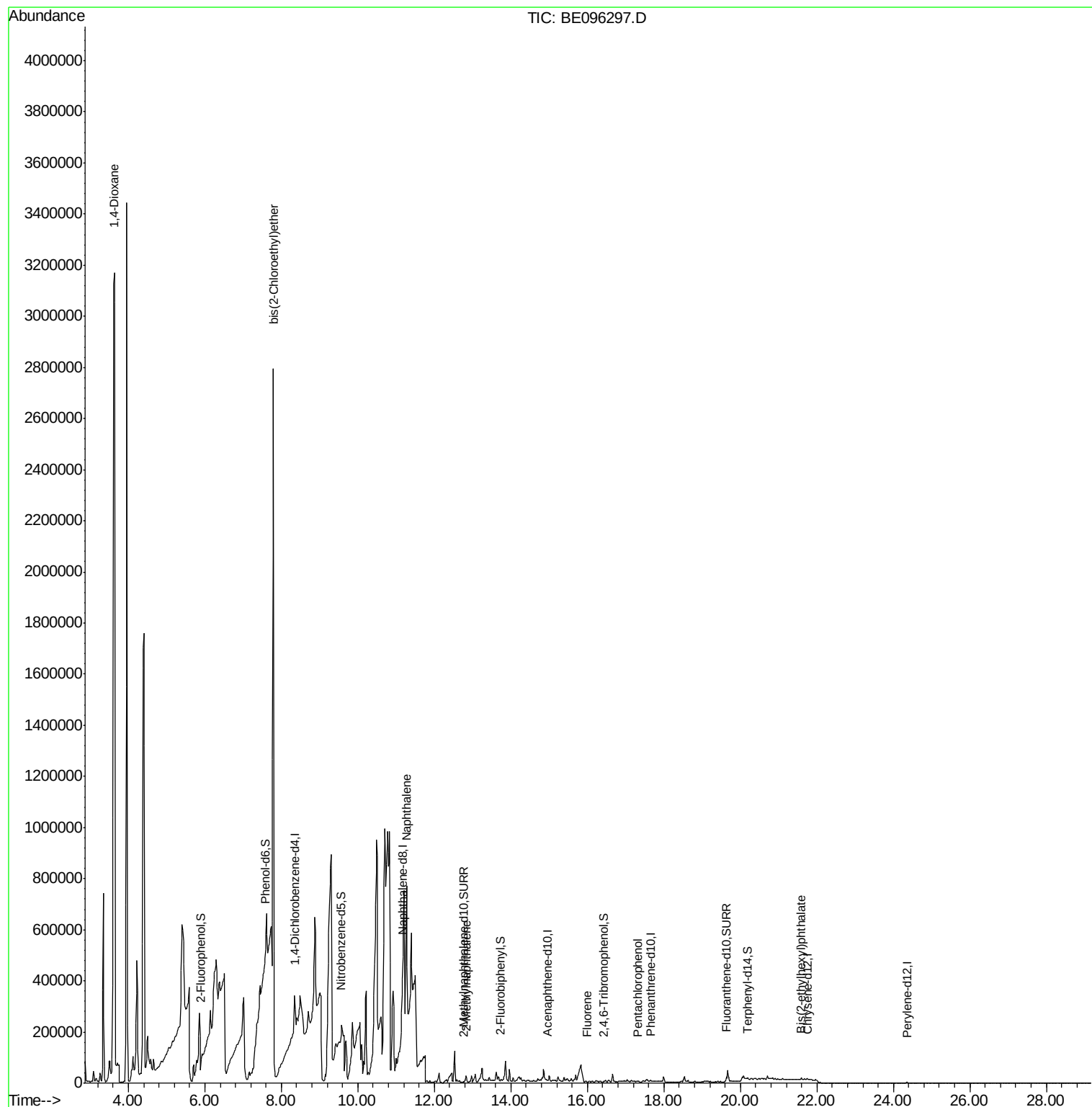
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

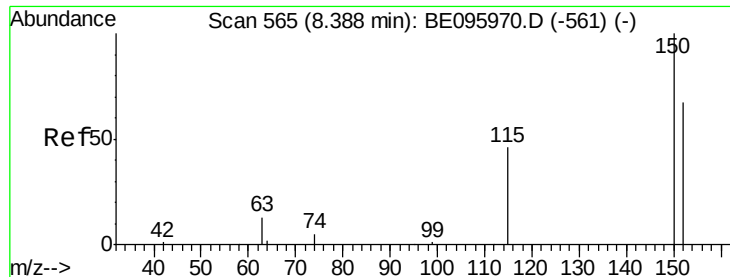
Instrument :
BNA_E
ClientSampleId :
KY032MW006-180419RE

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#1

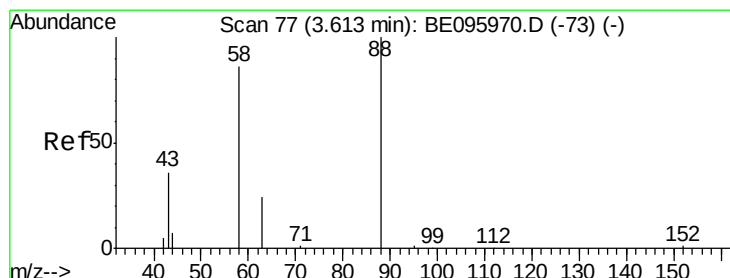
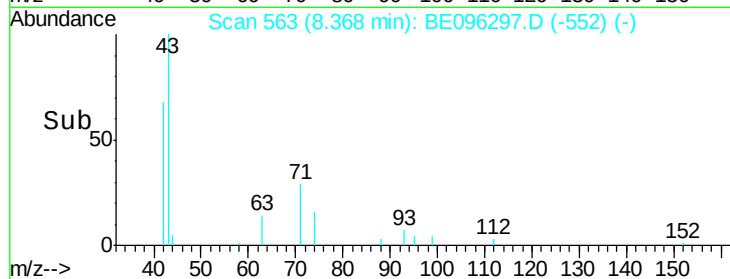
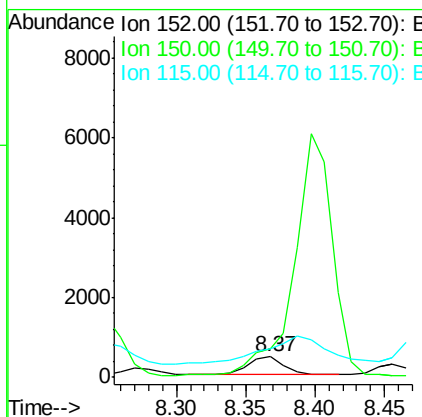
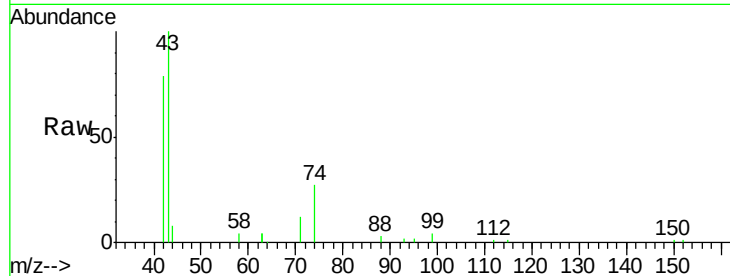
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.37 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BE096297.D
 Acq: 2 May 2018 17:07

Instrument :
 BNA_E
 ClientSampleId :
 KY032MW006-180419RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.0	117.2	175.8
115	140.0	57.0	85.6

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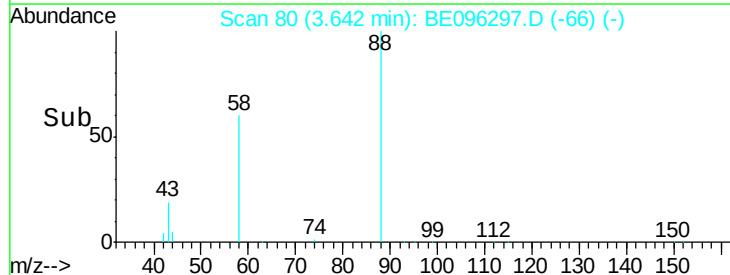
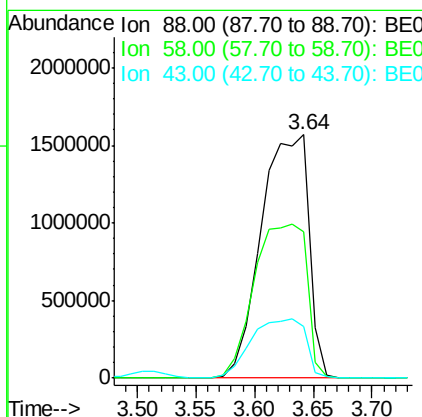
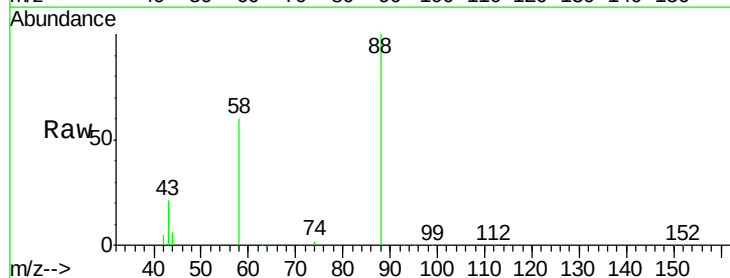
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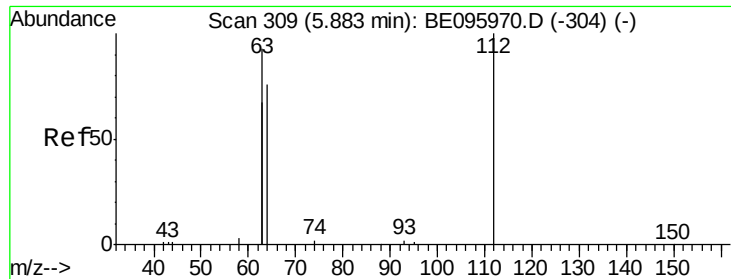


#2

1,4-Dioxane
 Concen: 3471.113 ng
 RT: 3.64 min Scan# 80
 Delta R.T. 0.04 min
 Lab File: BE096297.D
 Acq: 2 May 2018 17:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.8	63.2	94.8
43	27.3	41.2	61.8





#4

2-Fluorophenol

Concen: 0.362 ng

RT: 5.89 min Scan# 310

Delta R.T. 0.03 min

Lab File: BE096297.D

Acq: 2 May 2018 17:07

Instrument :

BNA_E

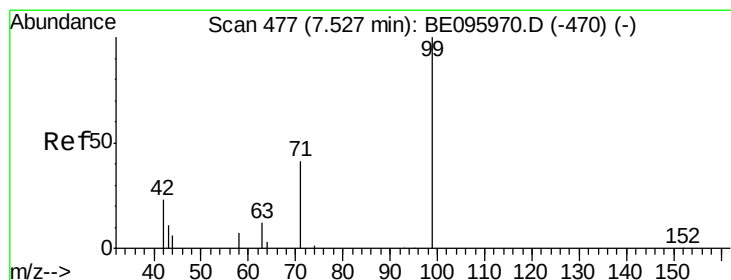
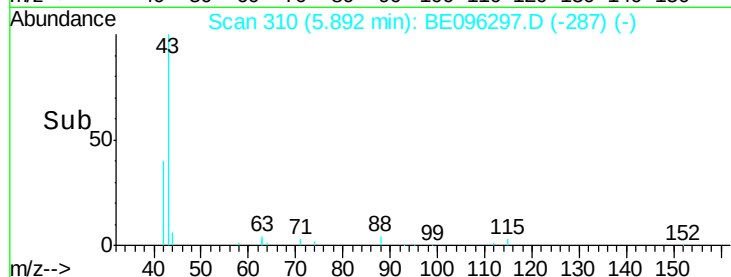
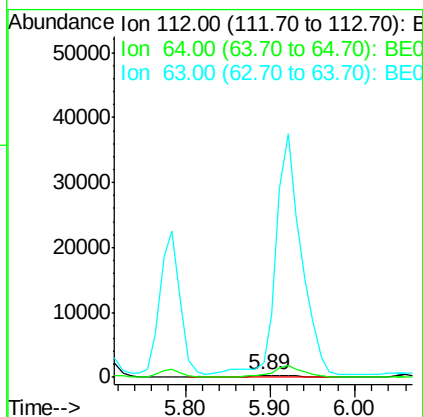
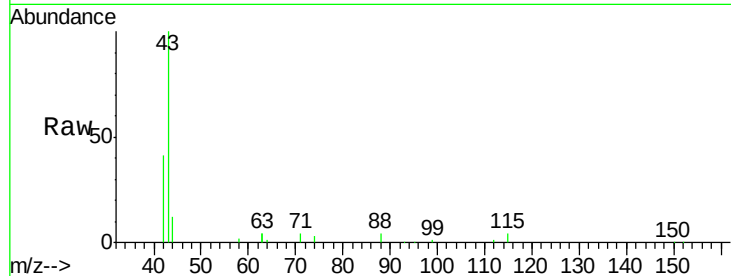
ClientSampleId :

KY032MW006-180419RE

Tot Ion:	112	Resp:	919
Ion Ratio	Lower	Upper	
112	100		
64	0.0	60.1	90.1#
63	0.0	116.8	175.2#

Manual Integrations
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#5

Phenol-d6

Concen: 0.255 ng m

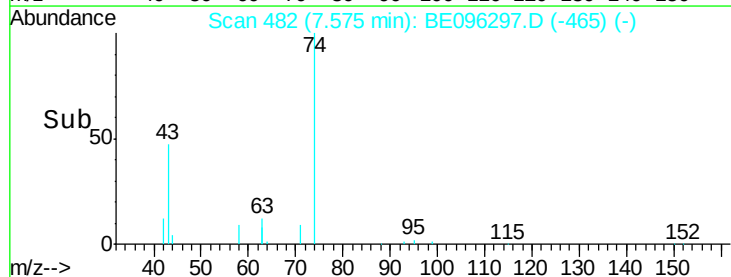
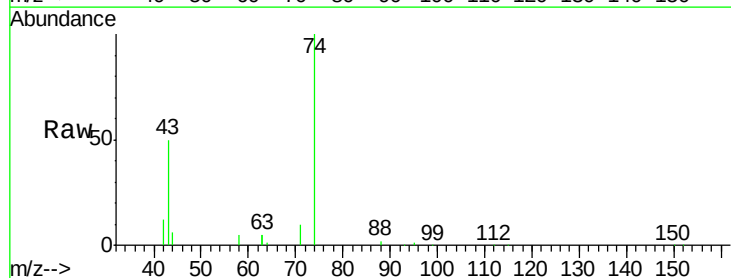
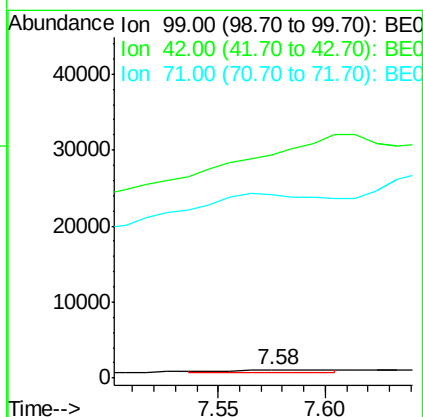
RT: 7.58 min Scan# 482

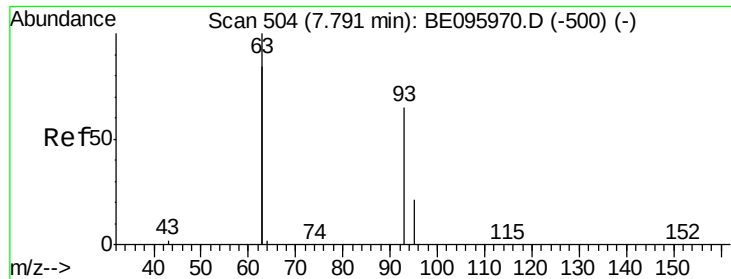
Delta R.T. 0.07 min

Lab File: BE096297.D

Acq: 2 May 2018 17:07

Tgt Ion:	99	Resp:	895
Ion Ratio	Lower	Upper	
99	100		
42	0.0	20.2	30.2#
71	0.0	28.4	42.6#





#6

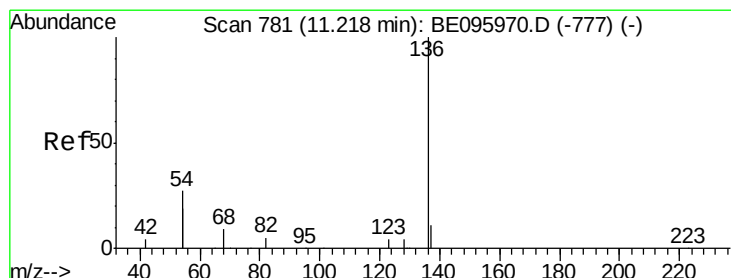
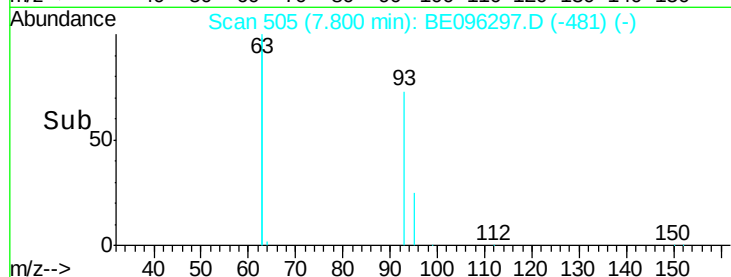
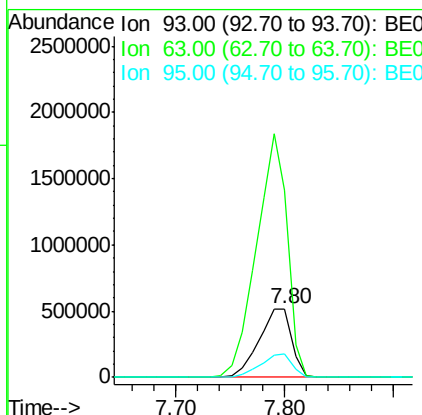
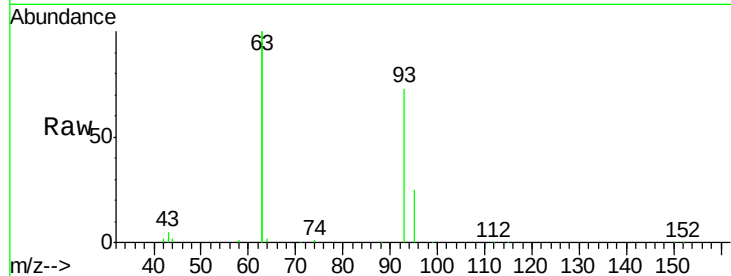
bis(2-Chloroethyl)ether
Concen: 345.245 ng
RT: 7.80 min Scan# 505
Delta R.T. 0.04 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Instrument :
BNA_E
ClientSampleId :
KY032MW006-180419RE

Tot Ion	Ratio	Lower	Upper
93	100		
63	337.3	275.3	412.9
95	33.0	25.2	37.8

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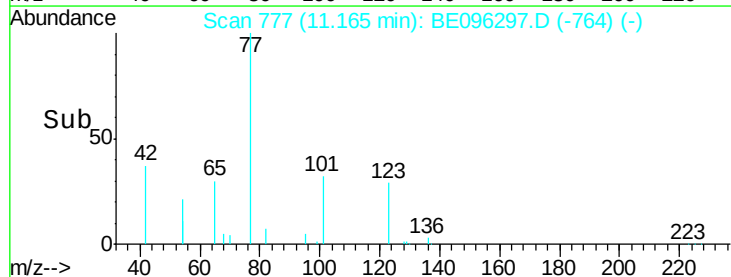
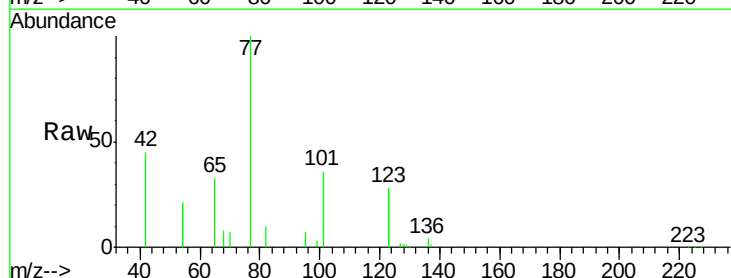
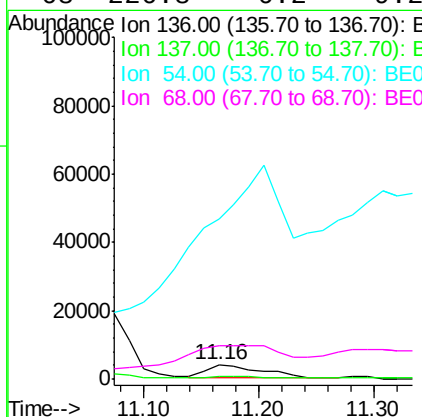
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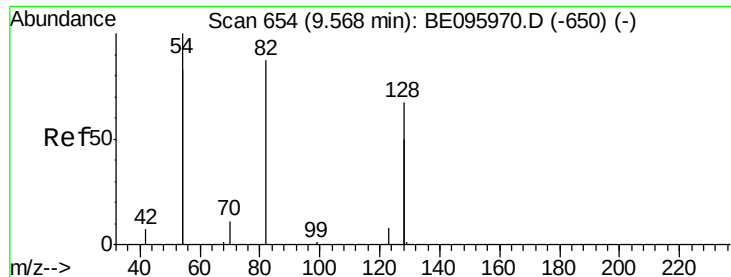


#7

Naphthalene-d8
Concen: 0.400 ng
RT: 11.16 min Scan# 777
Delta R.T. -0.03 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion	Ratio	Lower	Upper
136	100		
137	16.3	9.5	14.3#
54	1108.9	29.1	43.7#
68	226.8	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.128 ng/mL

RT: 9.57 min Scan# 654

Delta R.T. 0.03 min

Lab File: BE096297.D

Acq: 2 May 2018 17:07

Instrument :

BNA_E

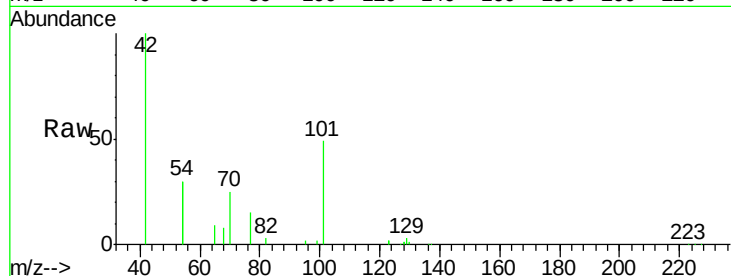
ClientSampleId :

KY032MW006-180419RE

Tot Ion:	82	Resp:	2093
Ion Ratio	Lower	Upper	
82	100		
128	41.6	150.0	225.0#
54	974.5	154.2	231.4#

Manual Integrations
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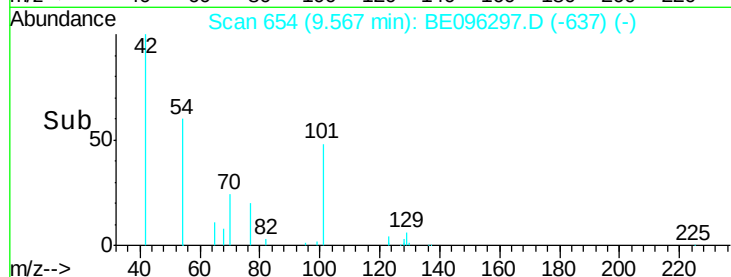


Abundance Ion 82.00 (81.70 to 82.70): BE096297.D (-637) (-)

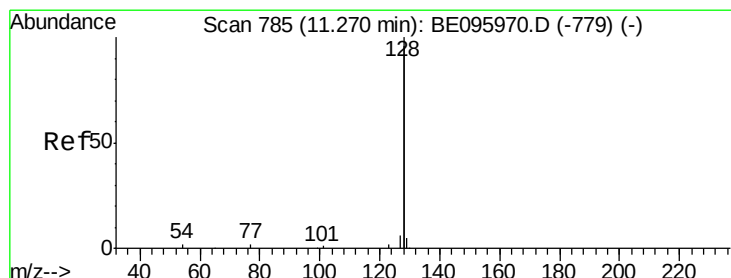
Ion 128.00 (127.70 to 128.70): BE096297.D (-637) (-)

Ion 54.00 (53.70 to 54.70): BE096297.D (-637) (-)

Time-->



Time-->



#9

Naphthalene

Concen: 6.461 ng/mL

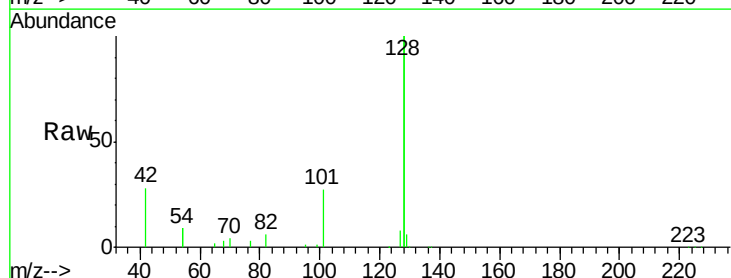
RT: 11.27 min Scan# 785

Delta R.T. 0.03 min

Lab File: BE096297.D

Acq: 2 May 2018 17:07

Tgt Ion:	128	Resp:	947785
Ion Ratio	Lower	Upper	
128	100		
129	3.2	2.6	3.8
127	4.0	2.8	4.2

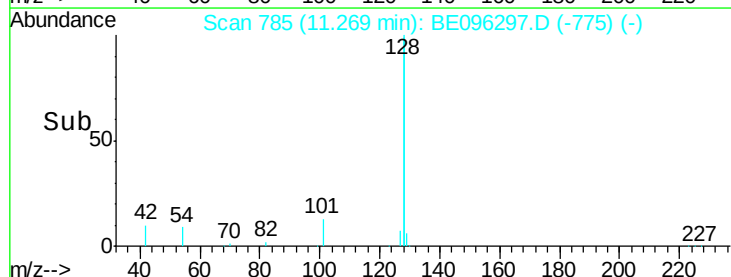


Abundance Ion 128.00 (127.70 to 128.70): BE096297.D (-775) (-)

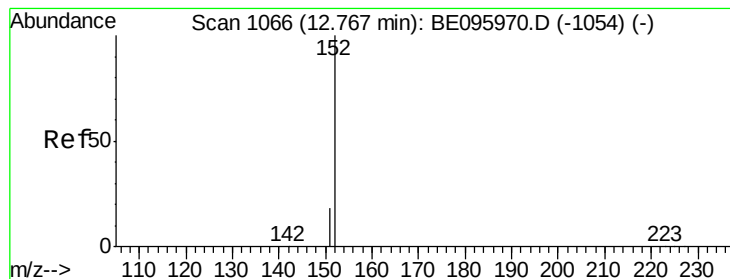
Ion 129.00 (128.70 to 129.70): BE096297.D (-775) (-)

Ion 127.00 (126.70 to 127.70): BE096297.D (-775) (-)

Time-->



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.105 ng m

RT: 12.76 min Scan# 1064

Delta R.T. 0.02 min

Lab File: BE096297.D

Acq: 2 May 2018 17:07

Instrument :

BNA_E

ClientSampleId :

KY032MW006-180419RE

Tot Ion:152 Resp: 2311

Ion Ratio Lower Upper

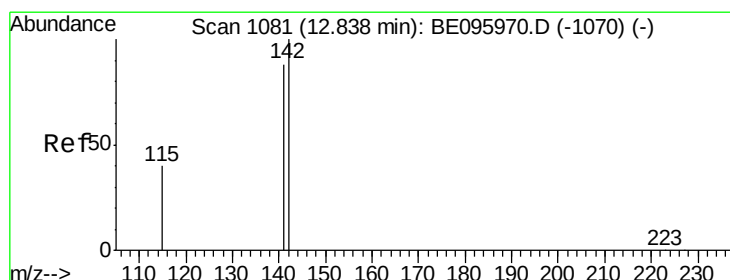
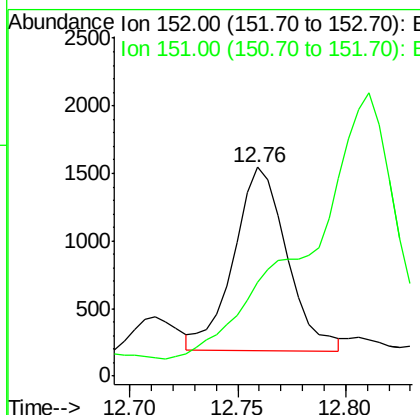
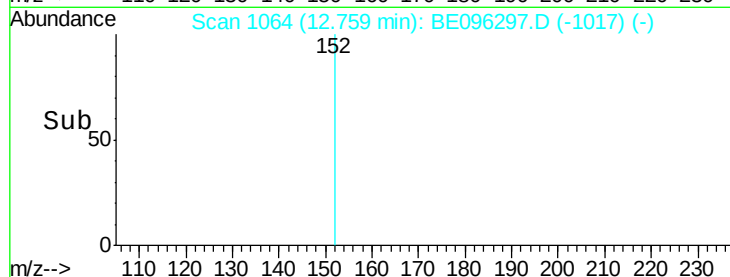
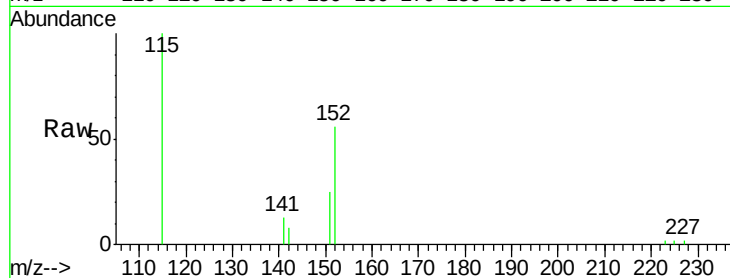
152 100

151 0.0 15.4 23.0#

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#12

2-Methylnaphthalene

Concen: 0.725 ng m

RT: 12.83 min Scan# 1079

Delta R.T. 0.02 min

Lab File: BE096297.D

Acq: 2 May 2018 17:07

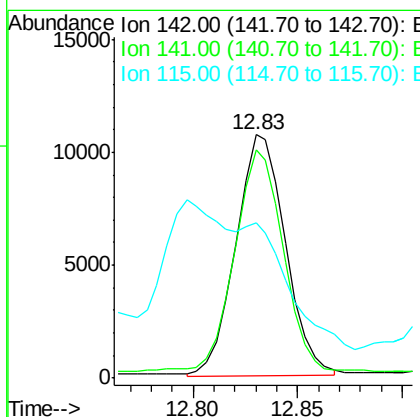
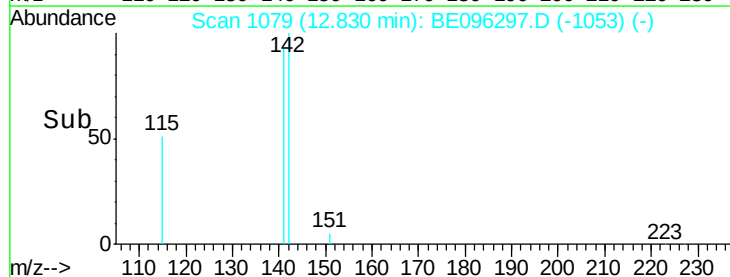
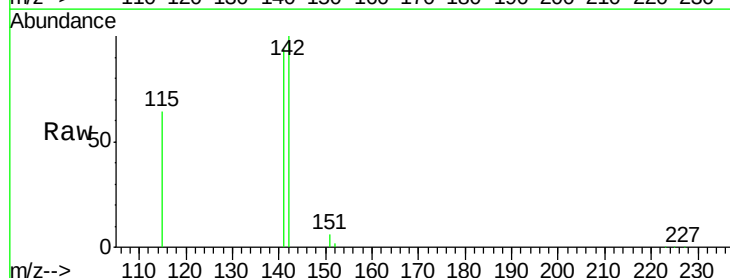
Tgt Ion:142 Resp: 17604

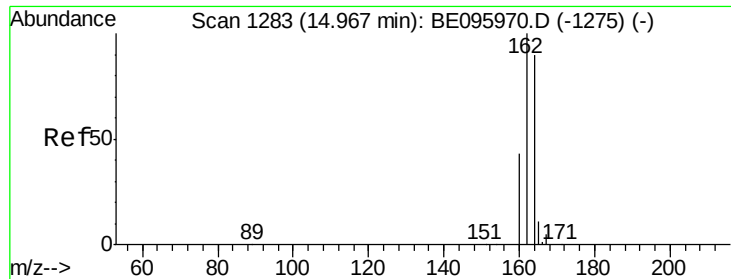
Ion Ratio Lower Upper

142 100

141 93.7 70.4 105.6

115 64.0 31.7 47.5#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.96 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BE096297.D

Acq: 2 May 2018 17:07

Instrument :

BNA_E

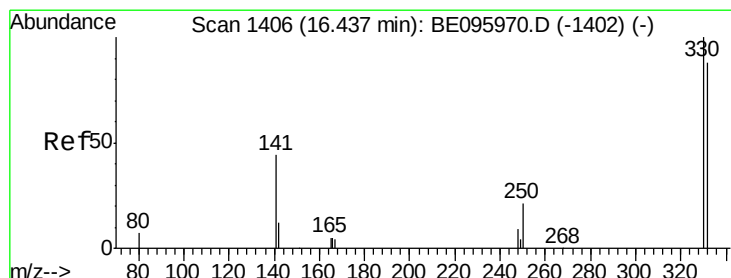
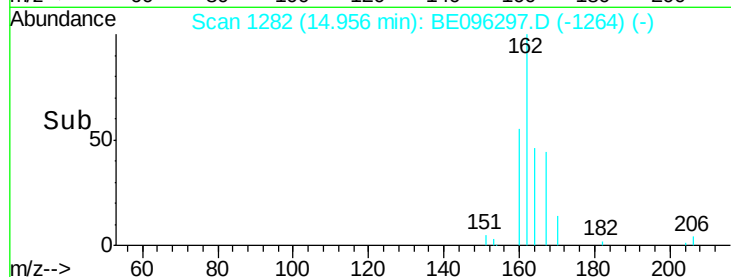
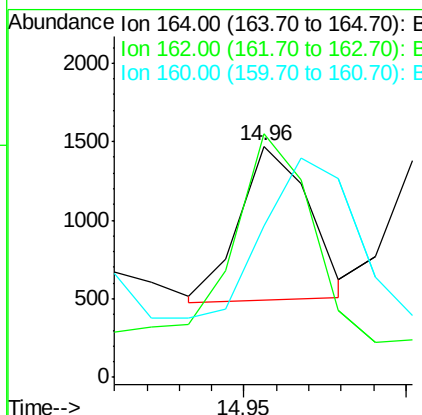
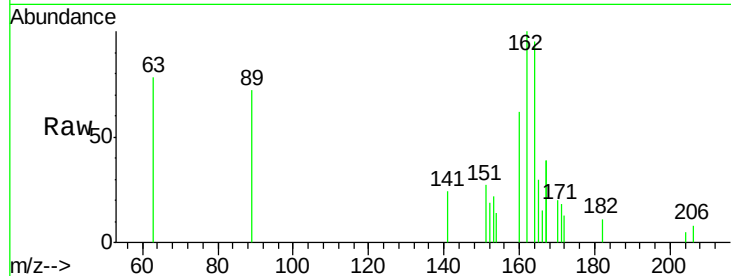
ClientSampleId :

KY032MW006-180419RE

Tot Ion:	164	Resp:	1463
Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.1	124.7
160	65.8	37.1	55.7#

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#14

2,4,6-Tribromophenol

Concen: 0.628 ng

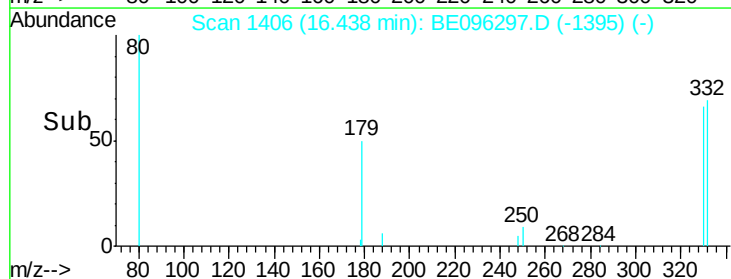
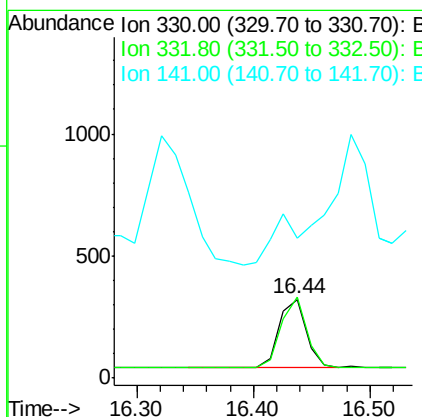
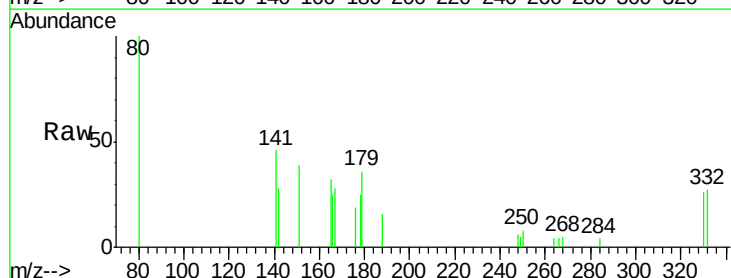
RT: 16.44 min Scan# 1406

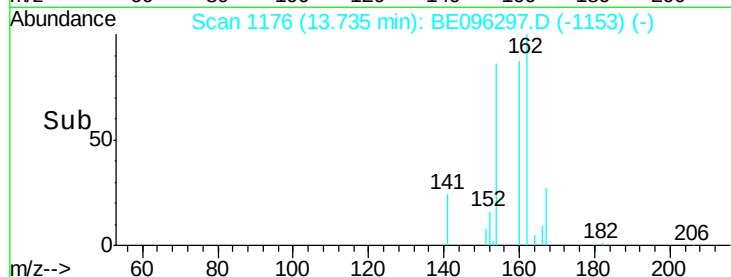
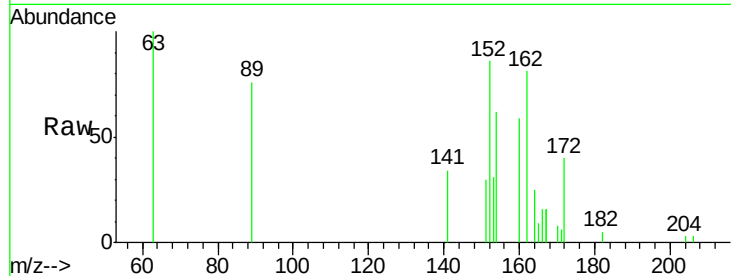
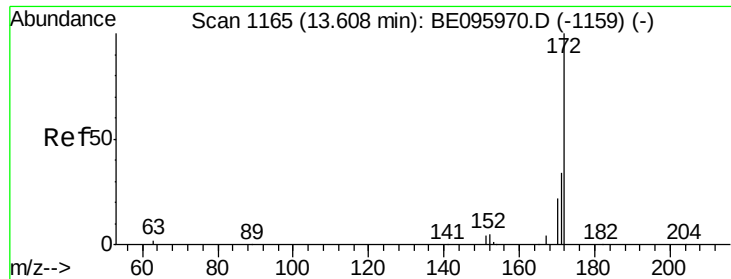
Delta R.T. 0.02 min

Lab File: BE096297.D

Acq: 2 May 2018 17:07

Tgt Ion:	330	Resp:	444
Ion	Ratio	Lower	Upper
330	100		
332	99.8	152.7	229.1#
141	67.8	33.7	50.5#





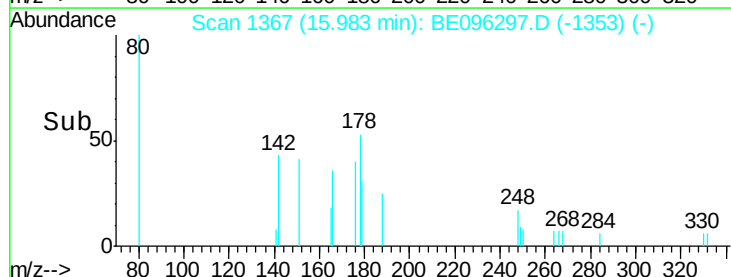
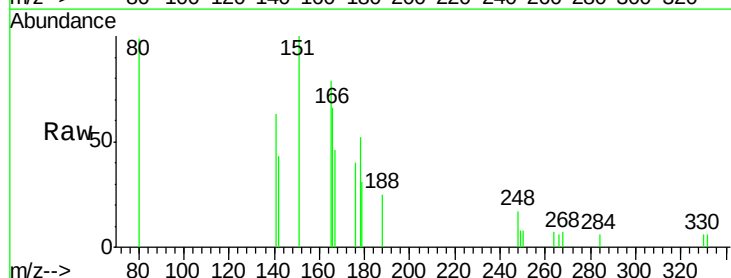
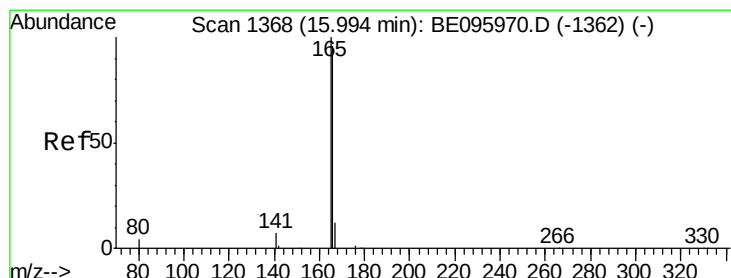
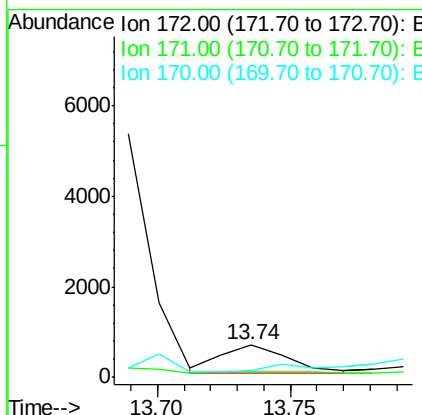
#15
2-Fluorobiphenyl
Concen: 0.174 ng
RT: 13.74 min Scan# 1176
Delta R.T. 0.16 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Instrument :
BNA_E
ClientSampleId :
KY032MW006-180419RE

Tot Ion	Ratio	Lower	Upper
172	100		
171	15.9	29.9	44.9#
170	18.8	21.8	32.8#

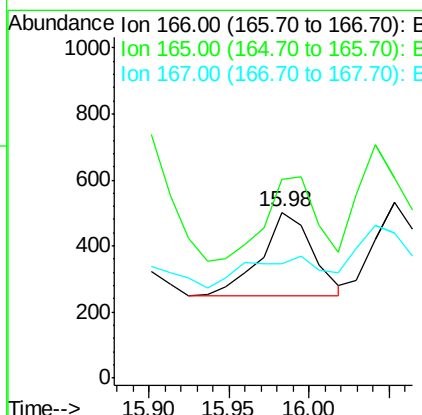
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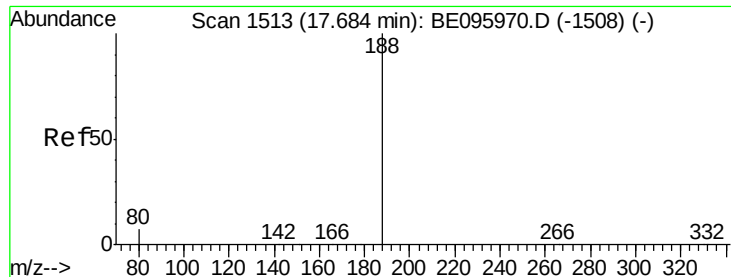
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#18
Fluorene
Concen: 0.099 ng
RT: 15.98 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BE096297.D
Acq: 2 May 2018 17:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.6
167	55.7	42.4	63.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.66 min Scan# 1511

Delta R.T. 0.01 min

Lab File: BE096297.D

Acq: 2 May 2018 17:07

Instrument :

BNA_E

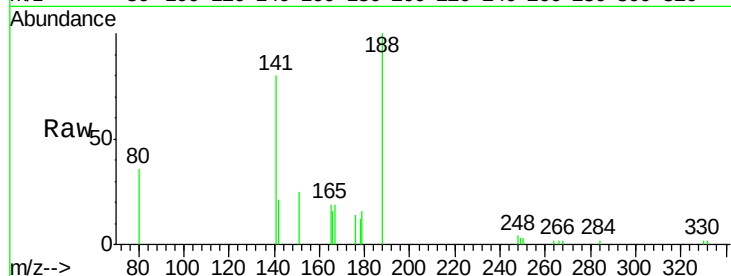
ClientSampleId :

KY032MW006-180419RE

Tot Ion:	188	Resp:	4075
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	35.8	3.6	5.4#

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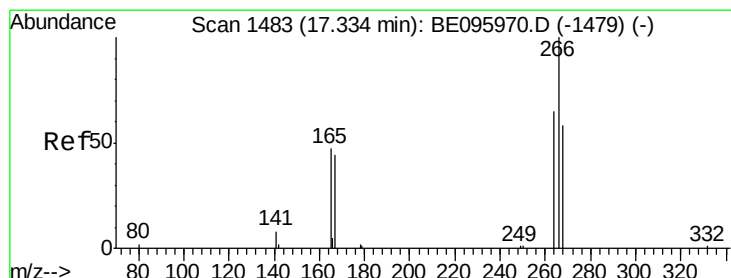
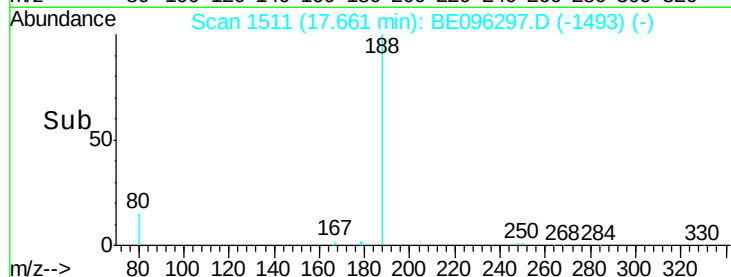
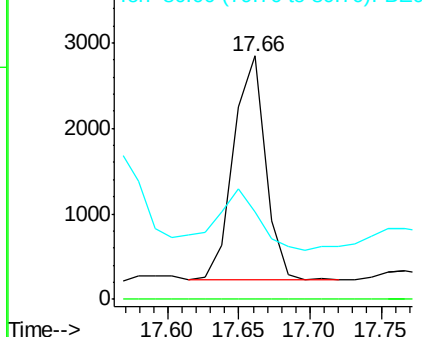
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#22

Pentachlorophenol

Concen: 0.262 ng m

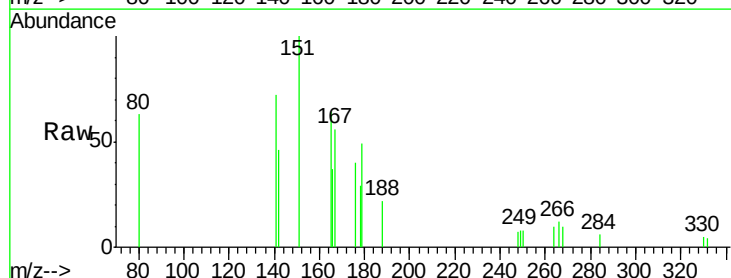
RT: 17.32 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BE096297.D

Acq: 2 May 2018 17:07

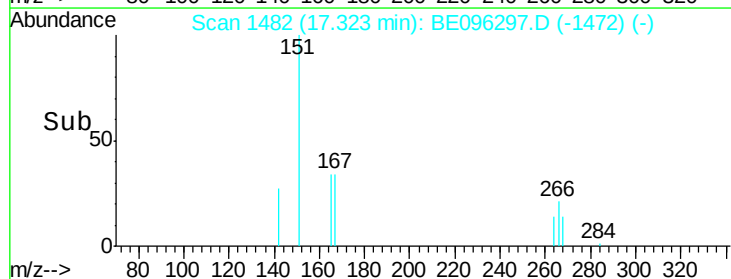
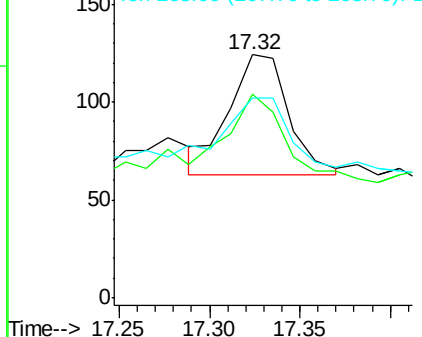
Tgt Ion:	266	Resp:	141
Ion Ratio	Lower	Upper	
266	100		
264	83.9	72.5	108.7
268	82.3	73.8	110.6

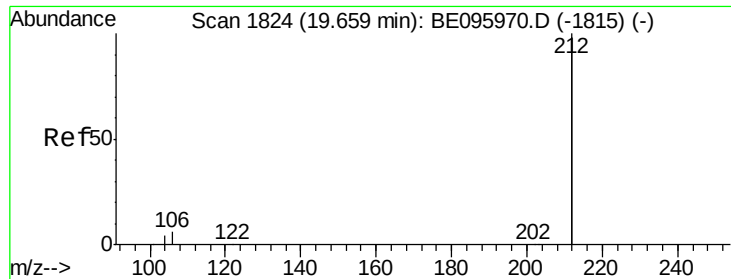


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.385 ng

RT: 19.64 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BE096297.D

Acq: 2 May 2018 17:07

Instrument :

BNA_E

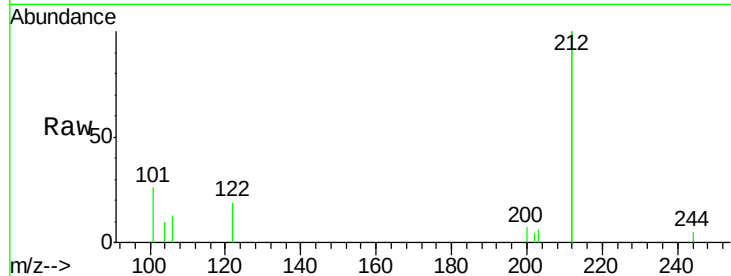
ClientSampleId :

KY032MW006-180419RE

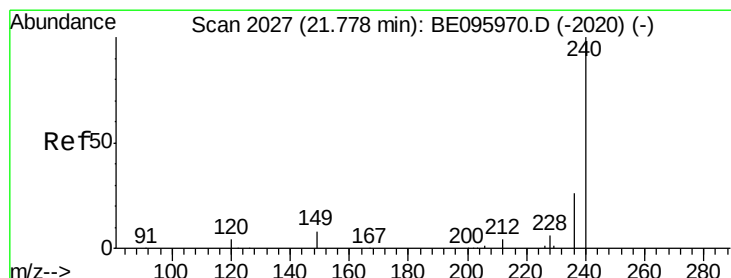
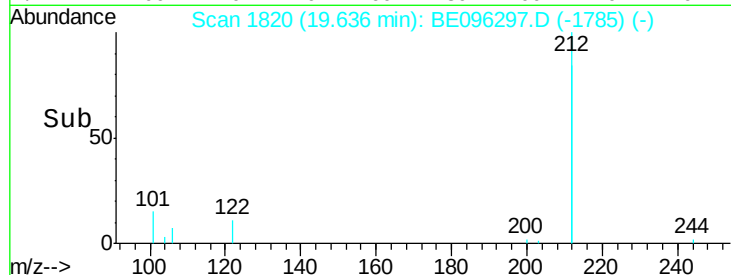
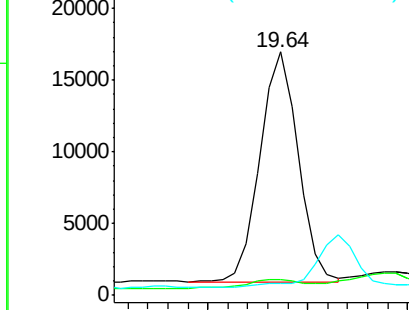
Tot Ion:	212	Resp:	21309
Ion Ratio	Lower	Upper	
212	100		
106	6.5	2.8	4.2#
104	0.0	1.6	2.4#

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.75 min Scan# 2025

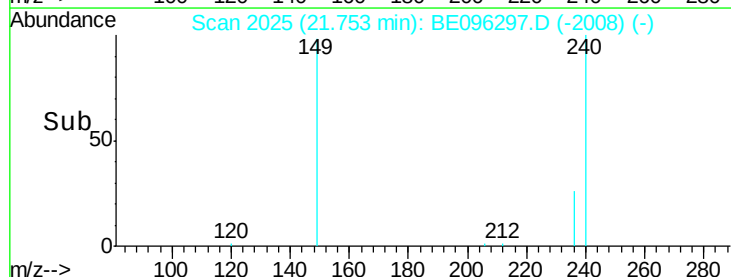
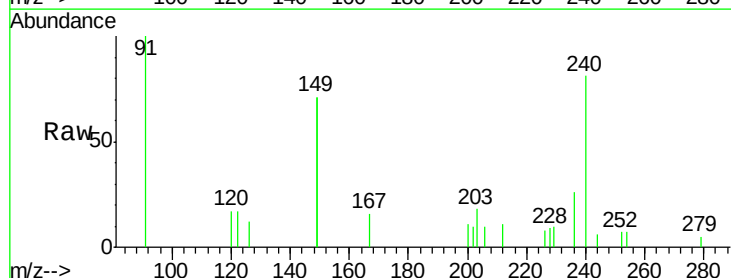
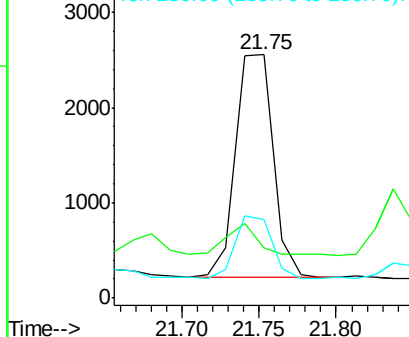
Delta R.T. 0.01 min

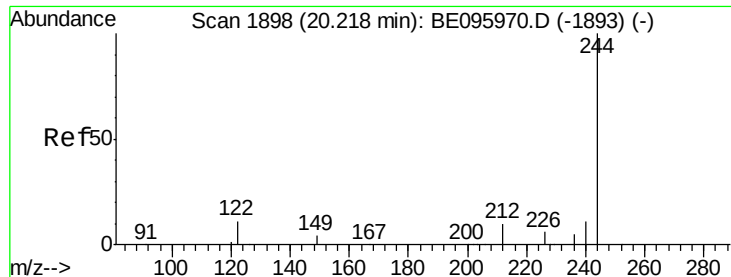
Lab File: BE096297.D

Acq: 2 May 2018 17:07

Tgt Ion:	240	Resp:	3924
Ion Ratio	Lower	Upper	
240	100		
120	20.7	5.5	8.3#
236	32.0	20.7	31.1#

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





#29

Terphenyl-d14

Concen: 0.523 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096297.D

Acq: 2 May 2018 17:07

Instrument :

BNA_E

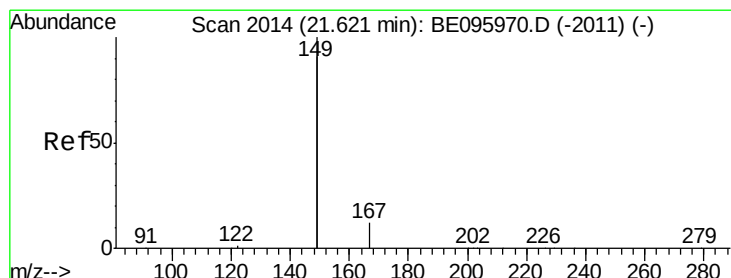
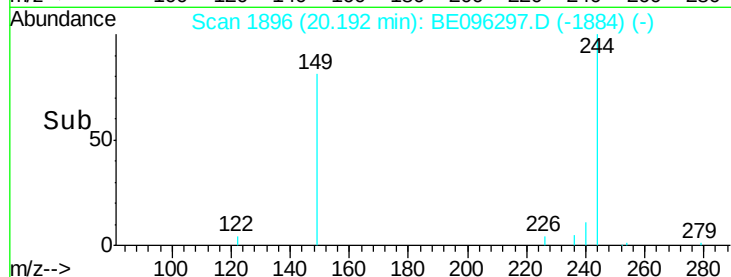
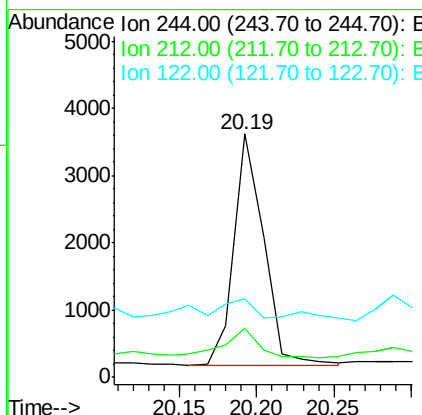
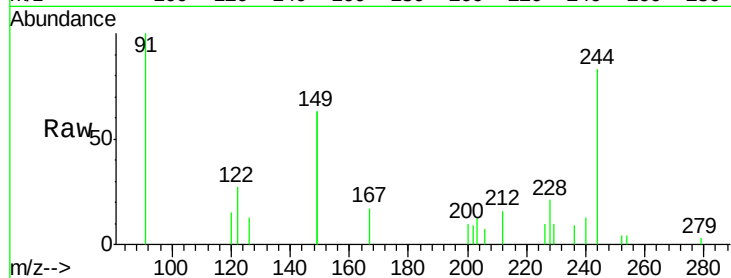
ClientSampleId :

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Tot Ion:	244	Resp:	4537
Ion Ratio	Lower	Upper	
244	100		
212	19.9	25.4	38.0#
122	32.0	8.1	12.1#

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.328 ng m

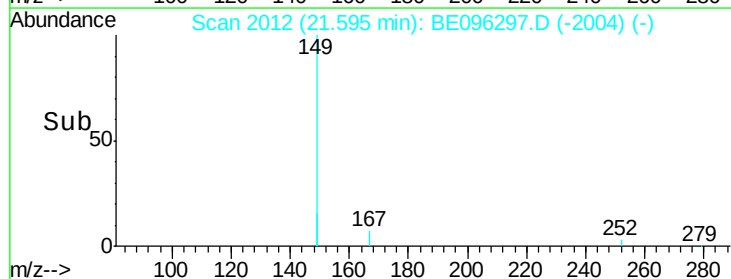
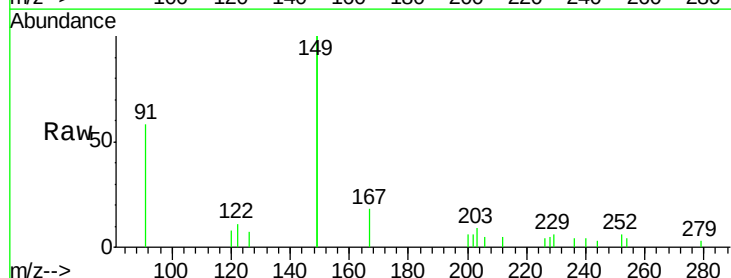
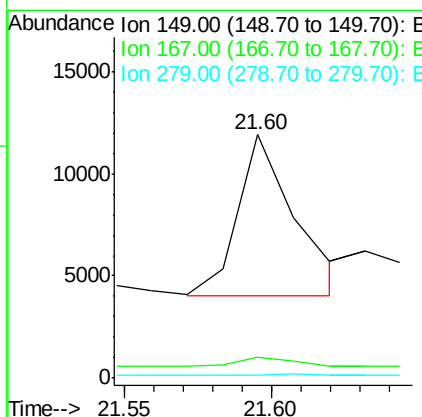
RT: 21.60 min Scan# 2012

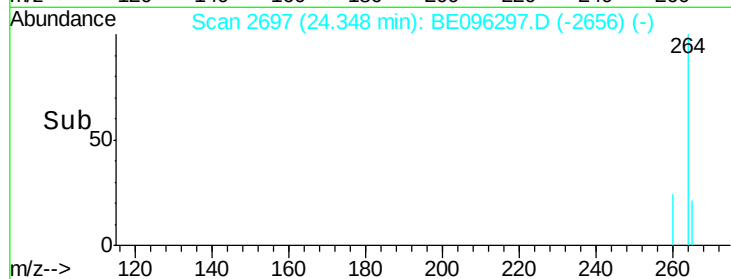
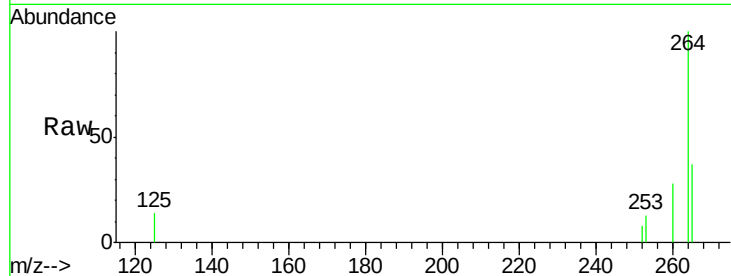
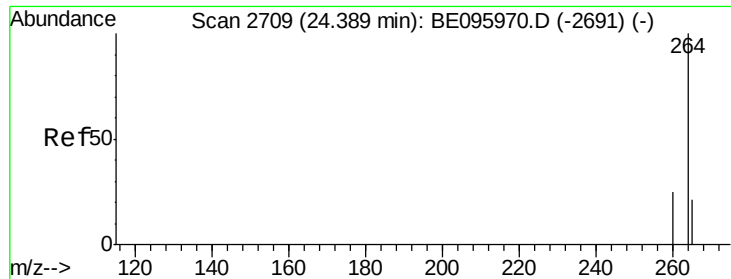
Delta R.T. -0.00 min

Lab File: BE096297.D

Acq: 2 May 2018 17:07

Tgt Ion:	149	Resp:	10639
Ion Ratio	Lower	Upper	
149	100		
167	6.2	5.4	8.0
279	1.0	0.7	1.1





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.35 min Scan# 2697
 Delta R.T. -0.00 min
 Lab File: BE096297.D
 Acq: 2 May 2018 17:07

Instrument :
 BNA_E
 ClientSampleId :
 KY032MW006-180419RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.6	20.5	30.7
265	37.0	22.8	34.2

Manual Integrations
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