

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050118\
 Data File : BE096266.D
 Acq On : 1 May 2018 20:30
 Operator : SJ/JU
 Sample : J2507-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW009-180419

Manual Integrations
 APPROVED

Sohil
 5/2/2018 2:50:37 PM

Quant Time: May 02 03:03:20 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	8.36	152	1220	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	4202	0.40	ng	0.00
13) Acenaphthene-d10	14.93	164	5315	0.40	ng	-0.01
19) Phenanthrene-d10	17.65	188	4937	0.40	ng	0.00
27) Chrysene-d12	21.75	240	4645	0.40	ng	0.01
34) Perylene-d12	24.36	264	4286	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	483	0.13	ng	0.01
5) Phenol-d6	7.53	99	118	0.02	ng	0.02
8) Nitrobenzene-d5	9.54	82	1023	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	2610	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	505	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	4366	0.19	ng	0.00
25) Fluoranthene-d10	19.64	212	20925	0.31	ng	0.00
29) Terphenyl-d14	20.19	244	5577	0.54	ng	0.00

Target Compounds						Qvalue	
2) 1,4-Dioxane	3.61	88	3059	1.623	ng	#	56
6) bis(2-Chloroethyl)ether	7.76	93	12012	2.621	ng	#	62
9) Naphthalene	11.24	128	74361	1.679	ng	#	89
18) Fluorene	15.97	166	2907	0.138	ng	#	48
22) Pentachlorophenol	17.31	266	177	0.267	ng		89
23) Phenanthrene	17.68	178	1711	0.123	ng	#	61
24) Anthracene	17.79	178	854	0.064	ng	#	70
26) Fluoranthene	19.66	202	949	0.052	ng	#	77
32) Bis(2-ethylhexyl)phthalate	21.60	149	5576m	0.145	ng		
33) Indeno(1,2,3-cd)pyrene	27.14	276	508	0.036	ng	#	59

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

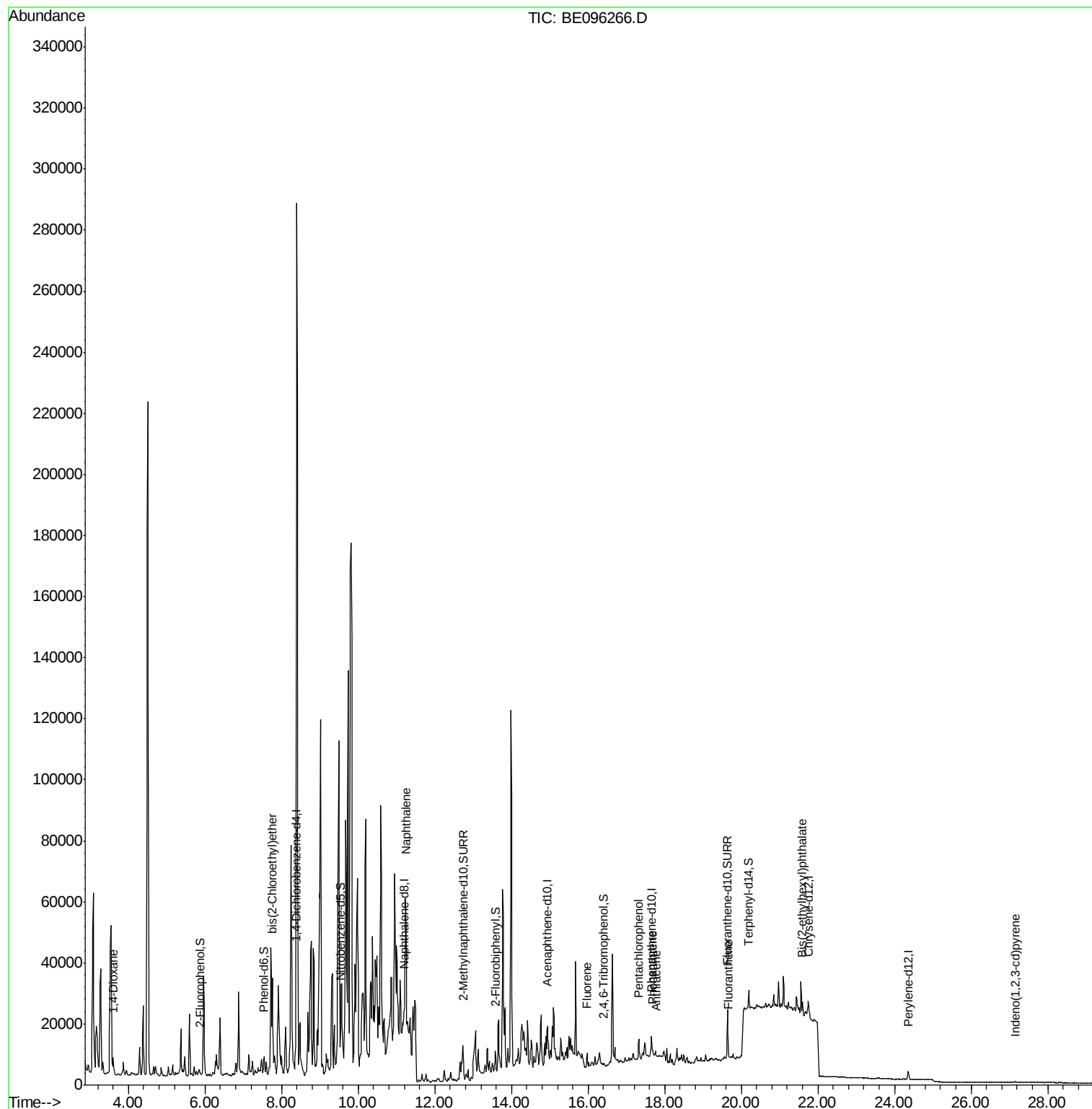
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050118\
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#1

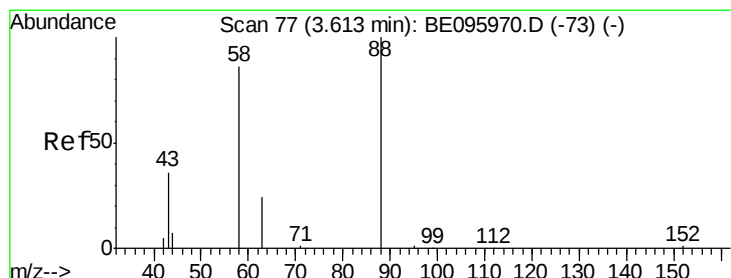
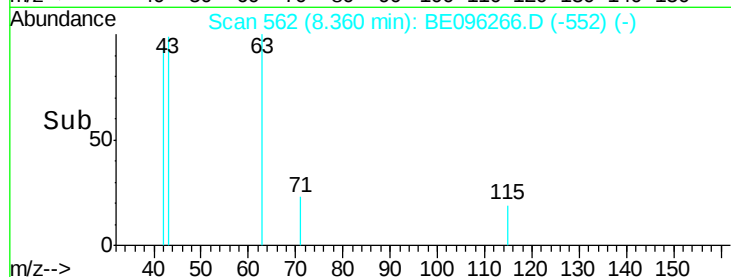
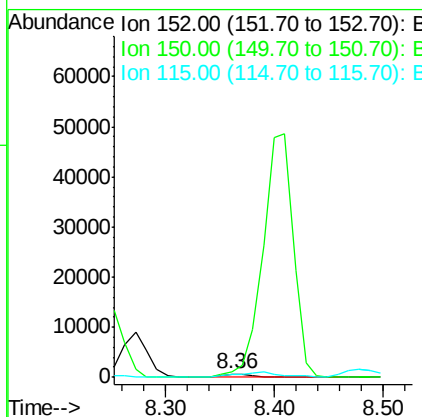
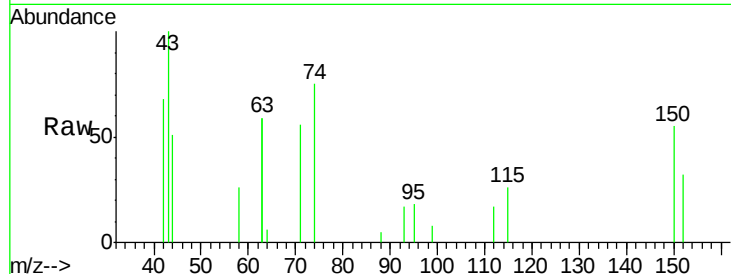
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096266.D
Acq: 1 May 2018 20:30

Instrument :
BNA_E
ClientSampleId :
SS043MW009-180419

Tgt Ion	Ratio	Lower	Upper
152	100		
150	170.5	117.2	175.8
115	81.8	57.0	85.6

Manual Integrations
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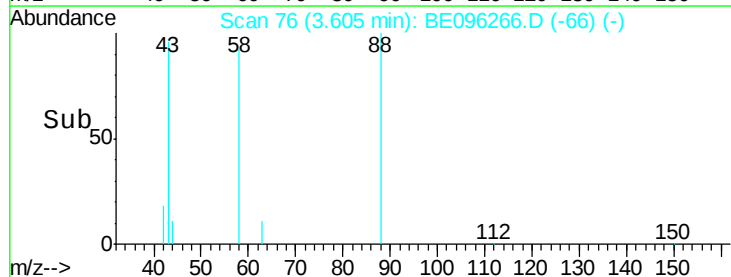
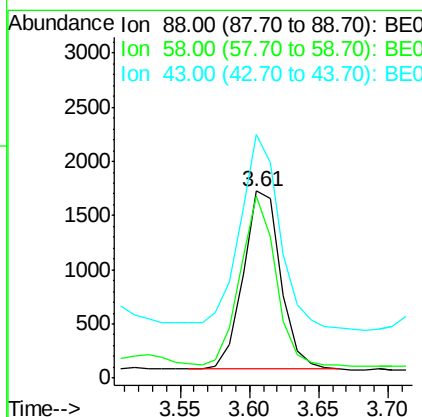
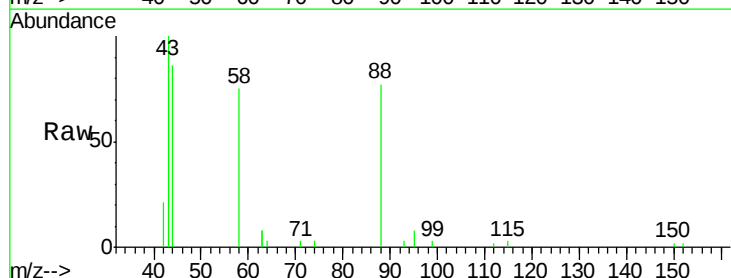
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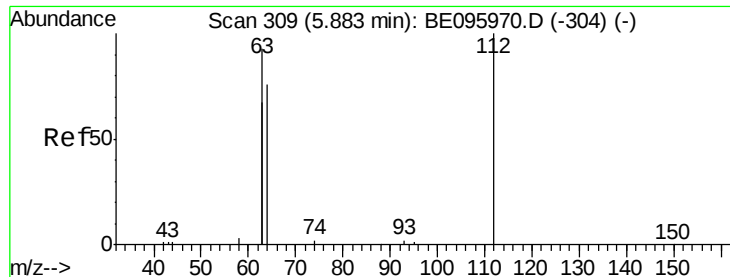


#2

1,4-Dioxane
Concen: 1.623 ng
RT: 3.61 min Scan# 76
Delta R.T. 0.00 min
Lab File: BE096266.D
Acq: 1 May 2018 20:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.1	63.2	94.8
43	115.3	41.2	61.8





#4

2-Fluorophenol

Concen: 0.128 ng

RT: 5.88 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096266.D

Acq: 1 May 2018 20:30

Instrument :

BNA_E

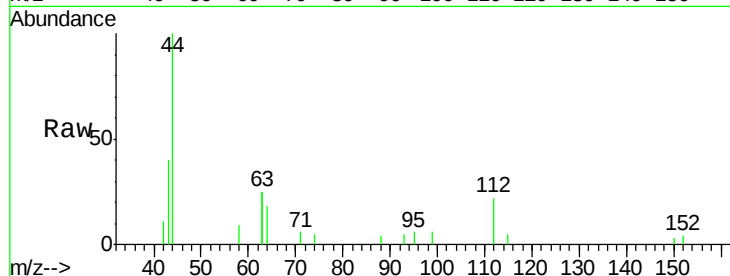
ClientSampleId :

SS043MW009-180419

Tgt Ion:	112	Resp:	483
Ion Ratio	Lower	Upper	
112	100		
64	89.6	60.1	90.1
63	180.5	116.8	175.2#

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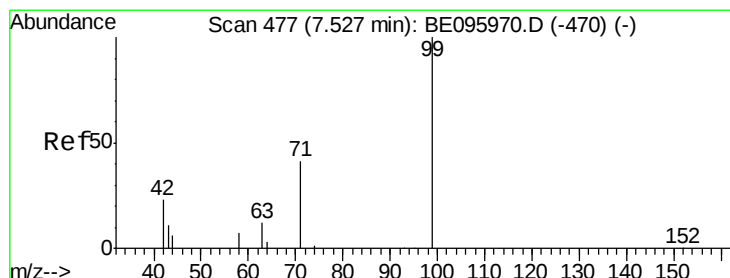
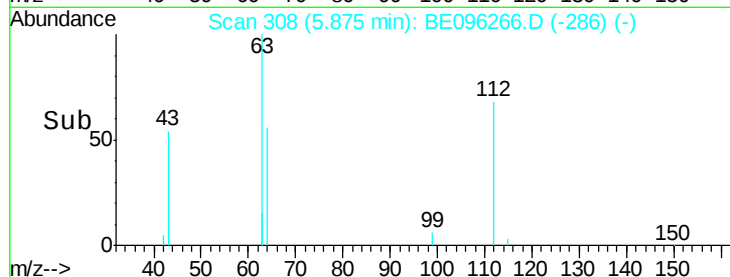
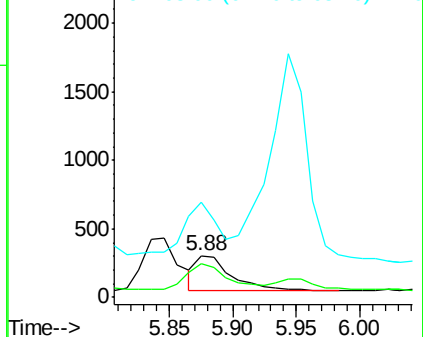
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Abundance Ion 112.00 (111.70 to 112.70): BE095970.D (-304) (-)

Ion 64.00 (63.70 to 64.70): BE095970.D (-304) (-)

Ion 63.00 (62.70 to 63.70): BE095970.D (-304) (-)



#5

Phenol-d6

Concen: 0.023 ng

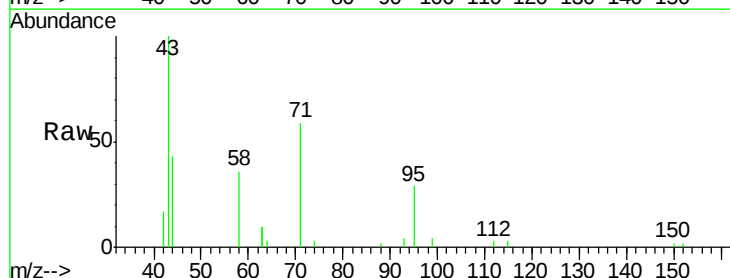
RT: 7.53 min Scan# 477

Delta R.T. 0.02 min

Lab File: BE096266.D

Acq: 1 May 2018 20:30

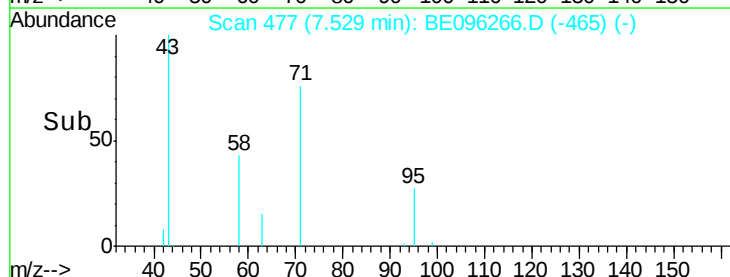
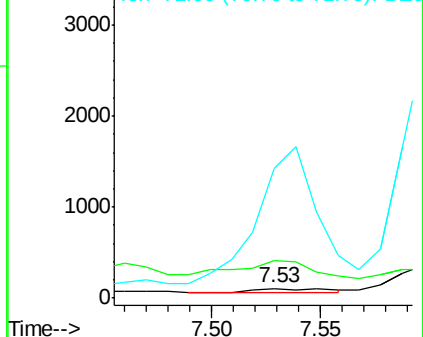
Tgt Ion:	99	Resp:	118
Ion Ratio	Lower	Upper	
99	100		
42	377.1	20.2	30.2#
71	2462.7	28.4	42.6#

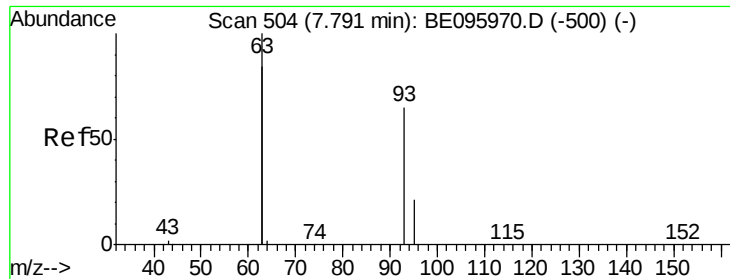


Abundance Ion 99.00 (98.70 to 99.70): BE095970.D (-470) (-)

Ion 42.00 (41.70 to 42.70): BE095970.D (-470) (-)

Ion 71.00 (70.70 to 71.70): BE095970.D (-470) (-)





#6

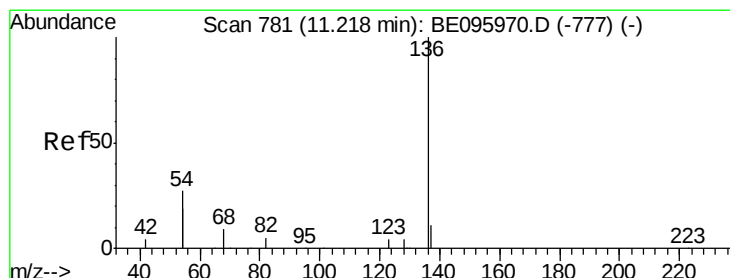
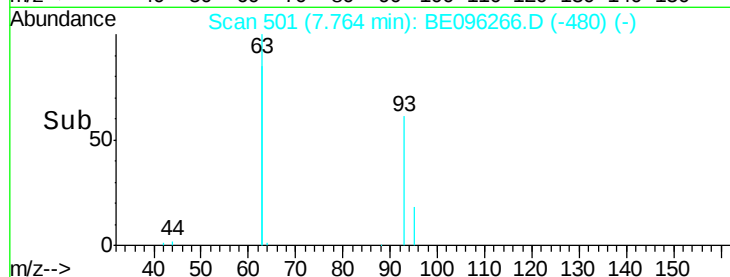
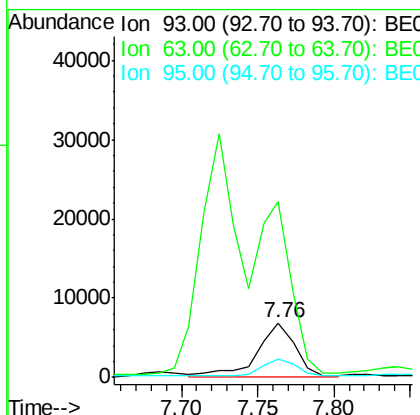
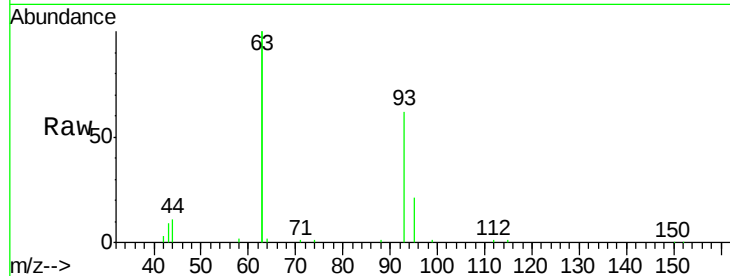
bis(2-Chloroethyl)ether
 Concen: 2.621 ng
 RT: 7.76 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BE096266.D
 Acq: 1 May 2018 20:30

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW009-180419

Tgt Ion	Ratio	Lower	Upper
93	100		
63	256.9	275.3	412.9#
95	28.2	25.2	37.8

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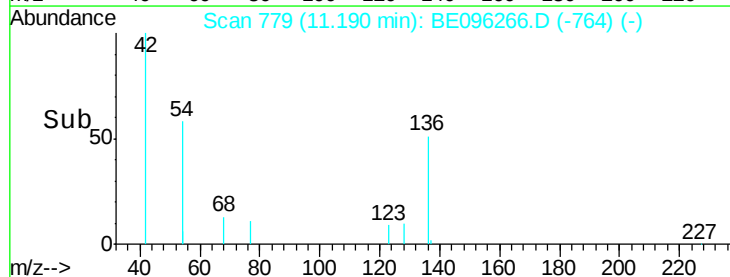
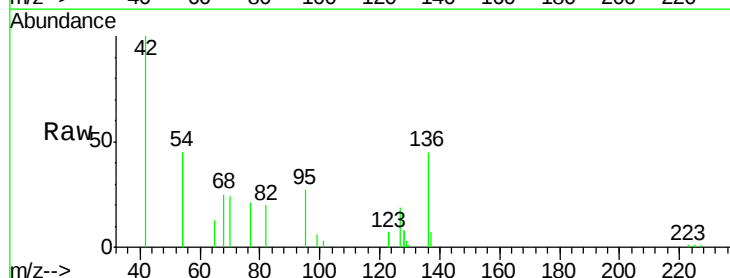
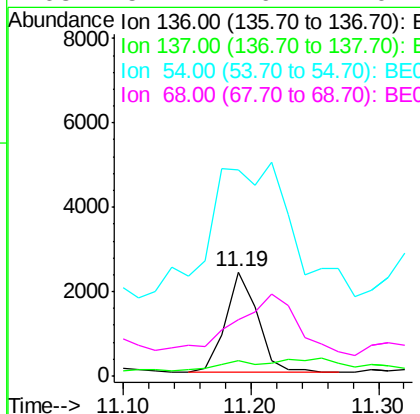
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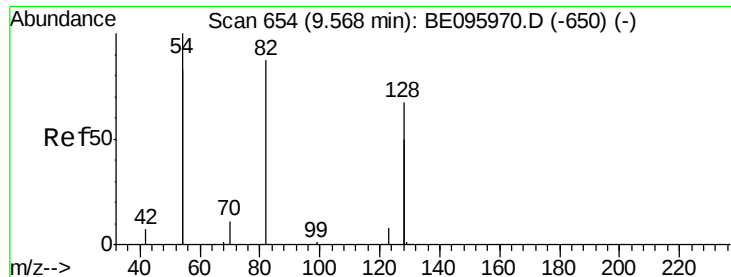


#7

Naphthalene-d8
 Concen: 0.400 ng
 RT: 11.19 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BE096266.D
 Acq: 1 May 2018 20:30

Tgt Ion	Ratio	Lower	Upper
136	100		
137	15.1	9.5	14.3#
54	197.9	29.1	43.7#
68	54.2	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.208 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096266.D

Acq: 1 May 2018 20:30

Instrument :

BNA_E

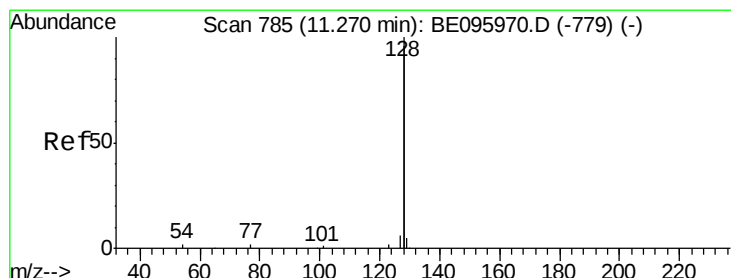
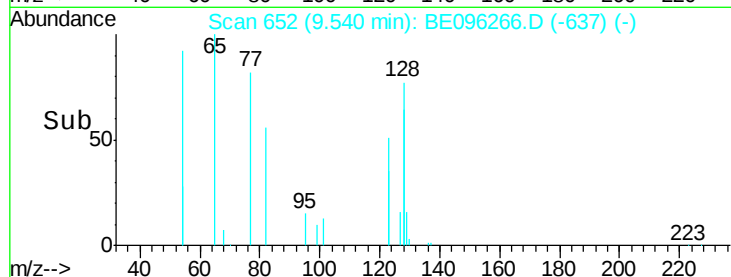
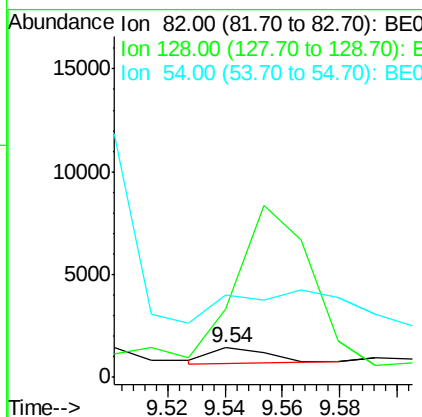
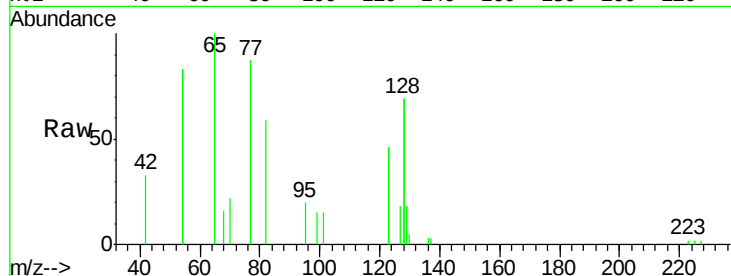
ClientSampleId :

SS043MW009-180419

Tgt Ion:	82	Resp:	1023
Ion Ratio	Lower	Upper	
82	100		
128	233.9	150.0	225.0#
54	279.9	154.2	231.4#

Manual Integrations
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#9

Naphthalene

Concen: 1.679 ng

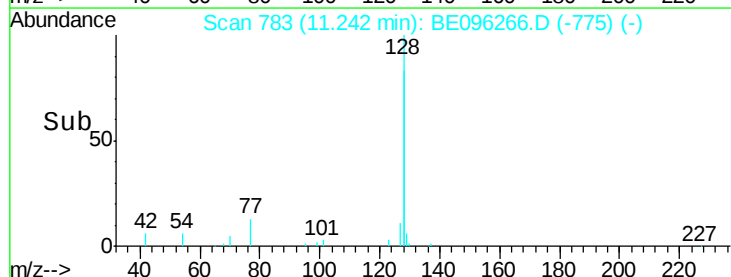
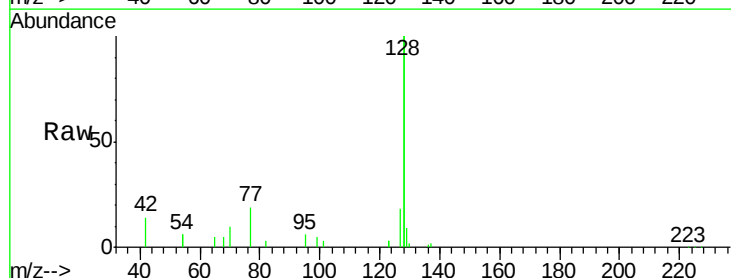
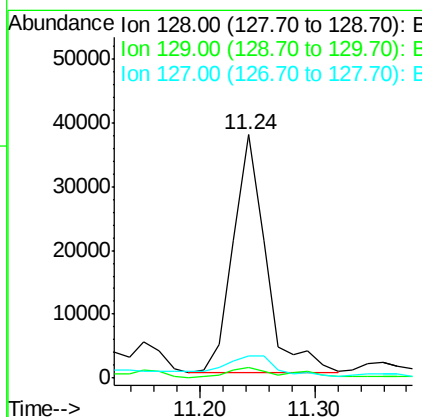
RT: 11.24 min Scan# 783

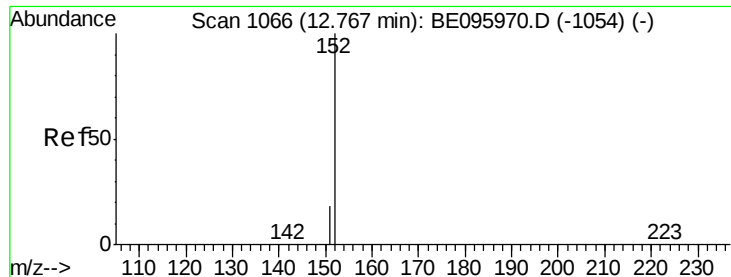
Delta R.T. -0.00 min

Lab File: BE096266.D

Acq: 1 May 2018 20:30

Tgt Ion:	128	Resp:	74361
Ion Ratio	Lower	Upper	
128	100		
129	4.5	2.6	3.8#
127	9.1	2.8	4.2#





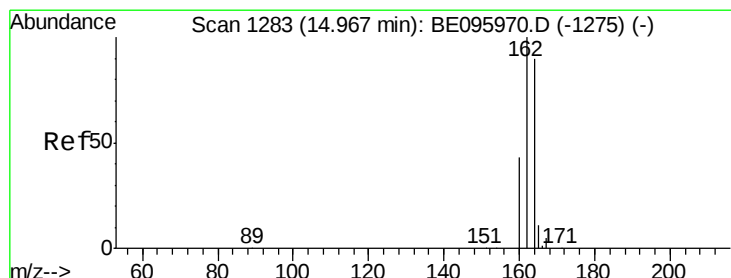
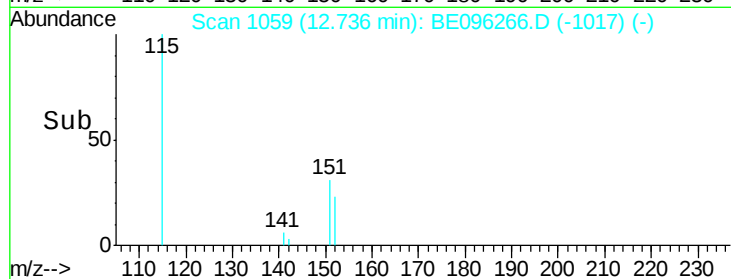
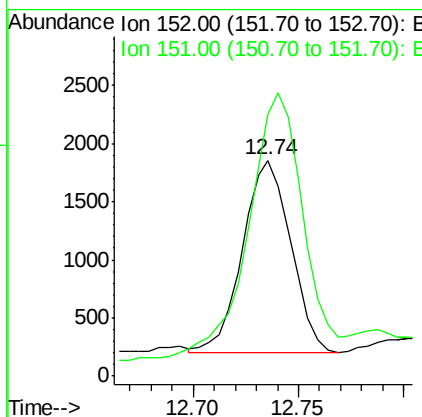
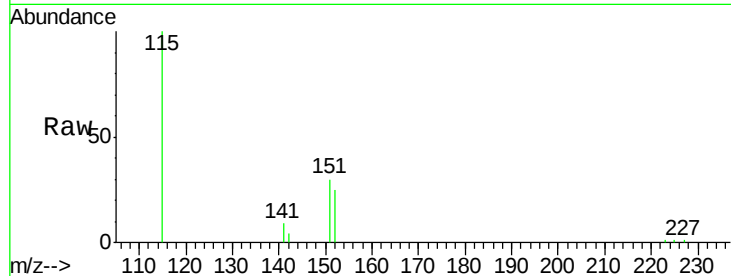
#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.74 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE096266.D
Acq: 1 May 2018 20:30

Instrument :
BNA_E
ClientSampleId :
SS043MW009-180419

Tgt Ion	Ratio	Lower	Upper
152	100		
151	168.8	15.4	23.0#

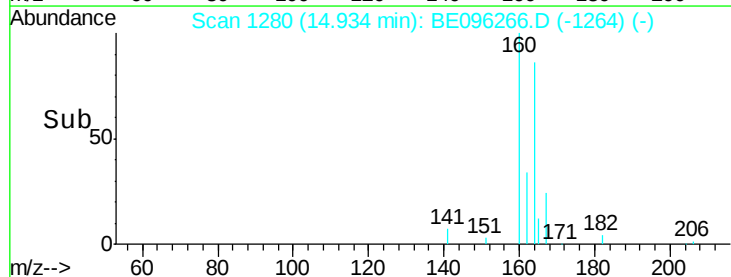
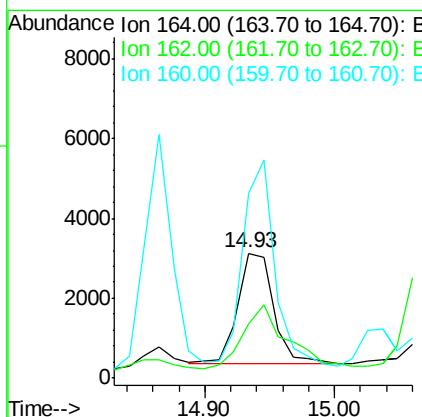
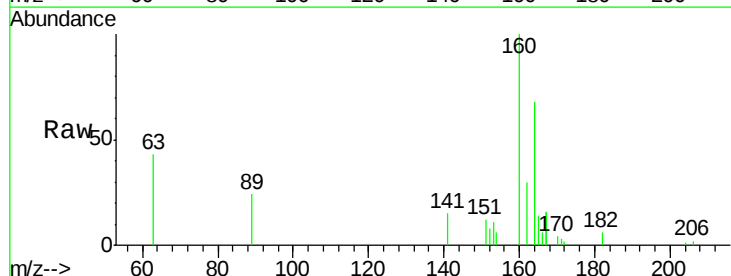
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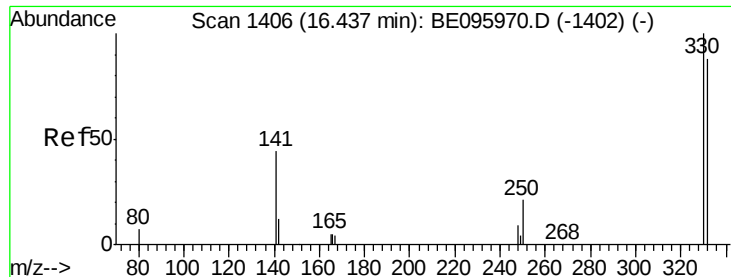
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.93 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BE096266.D
Acq: 1 May 2018 20:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	43.7	83.1	124.7#
160	147.6	37.1	55.7#





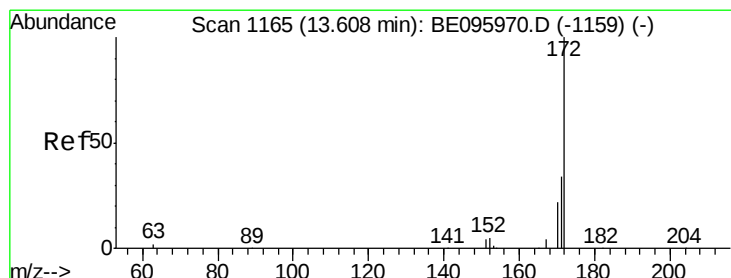
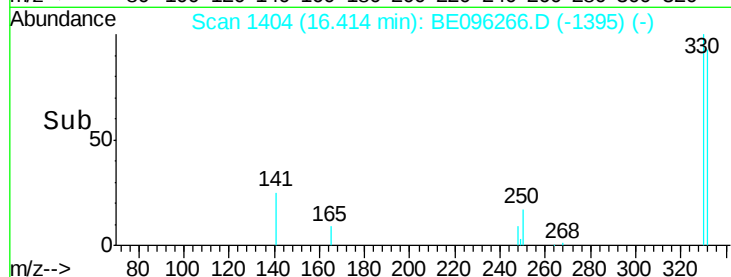
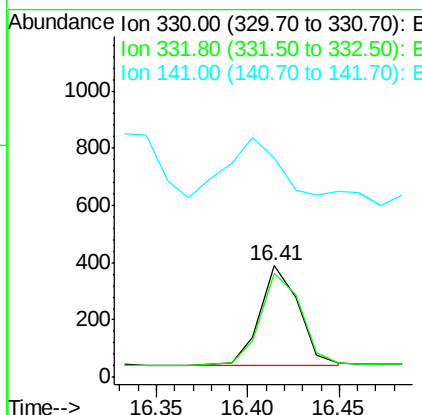
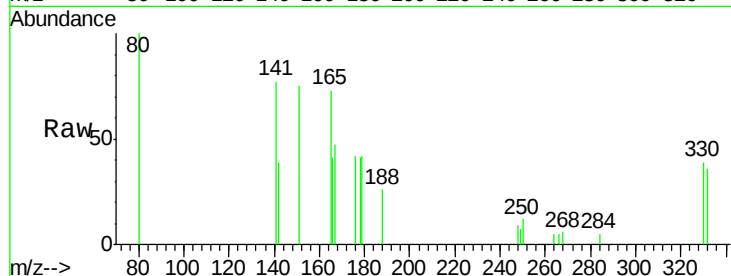
#14
2,4,6-Tribromophenol
Concen: 0.197 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096266.D
Acq: 1 May 2018 20:30

Instrument :
BNA_E
ClientSampleId :
SS043MW009-180419

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	152.7	229.1#
141	80.0	33.7	50.5#

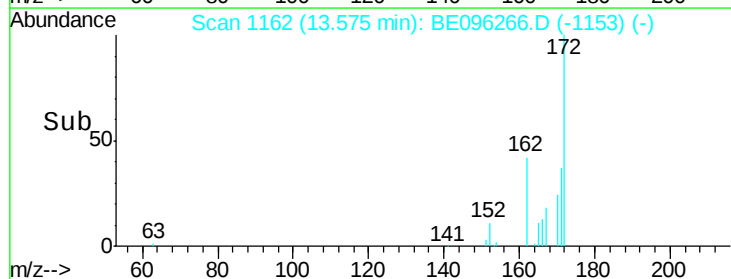
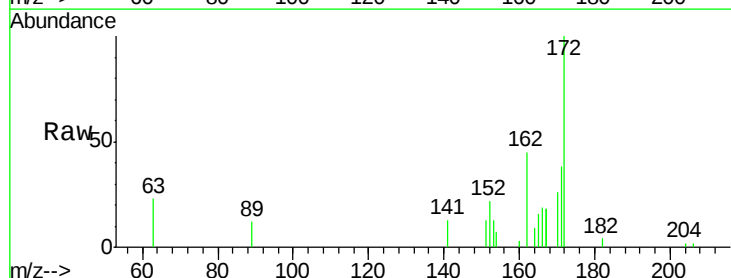
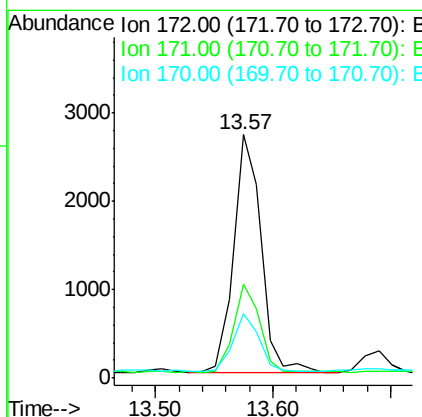
Manual Integrations
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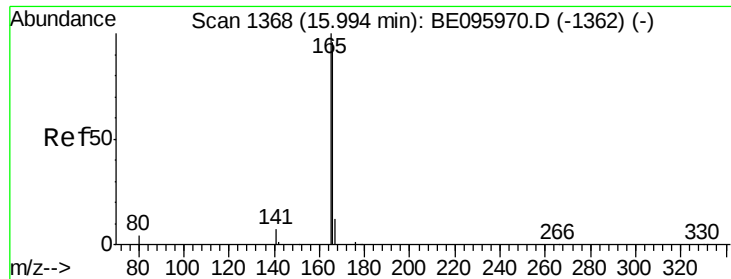
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#15
2-Fluorobiphenyl
Concen: 0.192 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096266.D
Acq: 1 May 2018 20:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.9	44.9
170	26.2	21.8	32.8





#18

Fluorene

Concen: 0.138 ng

RT: 15.97 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BE096266.D

Acq: 1 May 2018 20:30

Instrument :

BNA_E

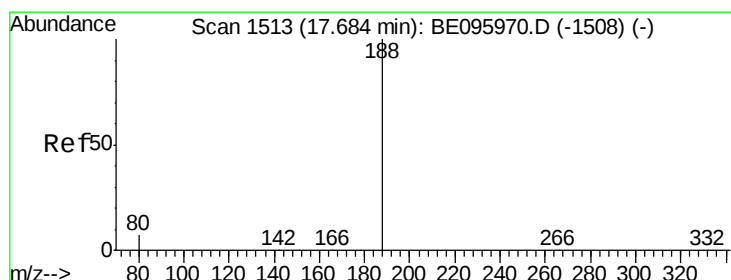
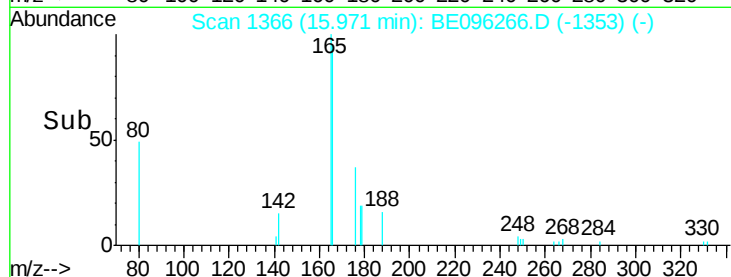
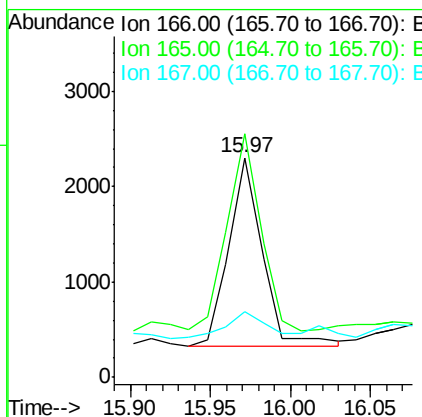
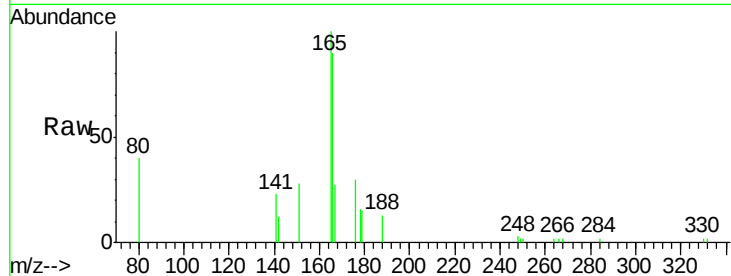
ClientSampleId :

SS043MW009-180419

Tgt Ion:	166	Resp:	2907
Ion Ratio	Lower	Upper	
166	100		
165	150.3	77.8	116.6#
167	18.5	42.4	63.6#

Manual Integrations
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#19

Phenanthrene-d10

Concen: 0.400 ng

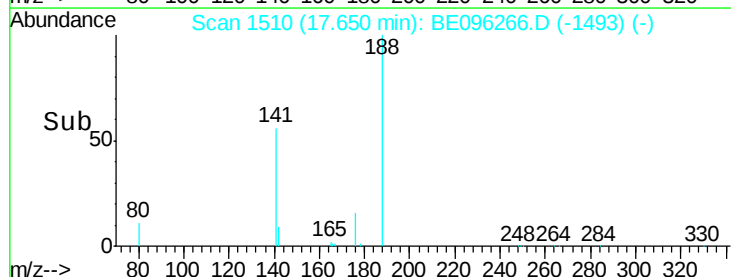
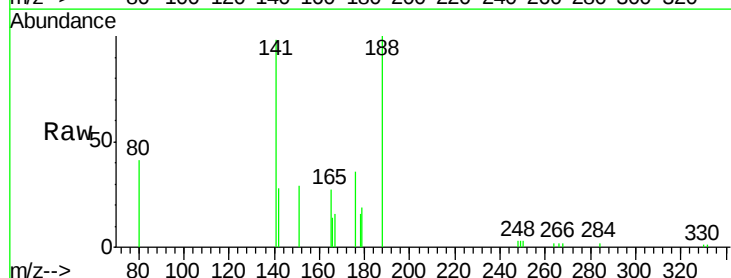
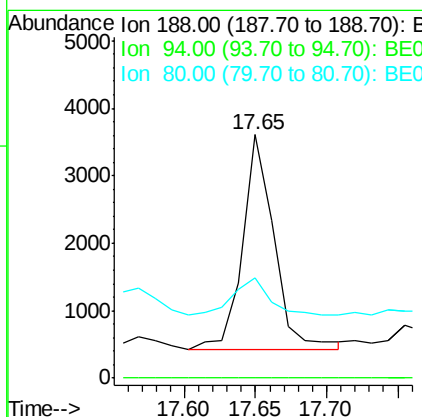
RT: 17.65 min Scan# 1510

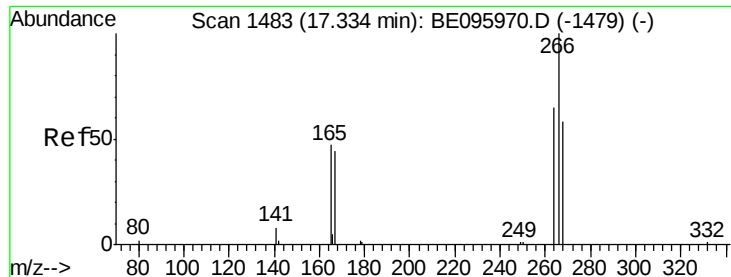
Delta R.T. 0.00 min

Lab File: BE096266.D

Acq: 1 May 2018 20:30

Tgt Ion:	188	Resp:	4937
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	41.0	3.6	5.4#





#22

Pentachlorophenol

Concen: 0.267 ng

RT: 17.31 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE096266.D

Acq: 1 May 2018 20:30

Instrument :

BNA_E

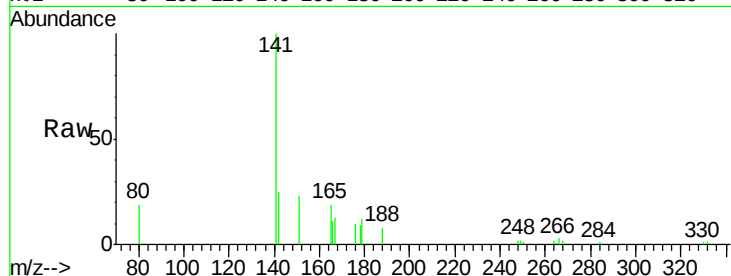
ClientSampleId :

SS043MW009-180419

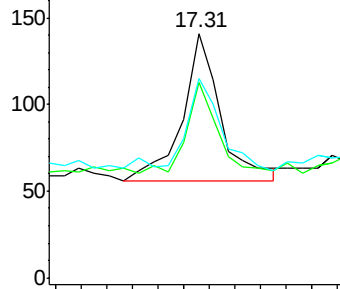
Tgt Ion:	266	Resp:	177
Ion Ratio	Lower	Upper	
266	100		
264	80.1	72.5	108.7
268	81.6	73.8	110.6

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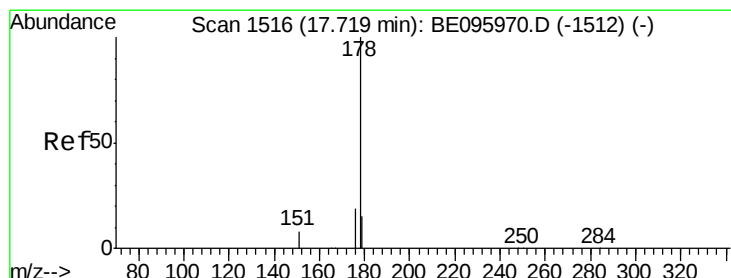
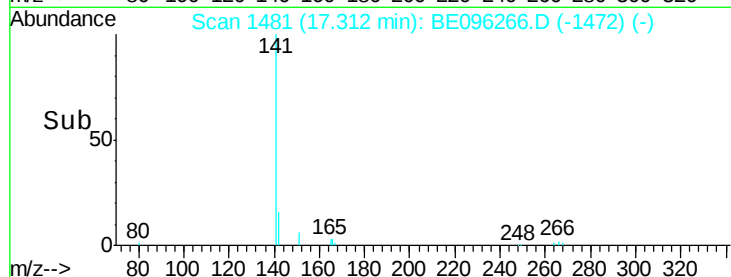
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Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time--> 17.20 17.30 17.40



#23

Phenanthrene

Concen: 0.123 ng

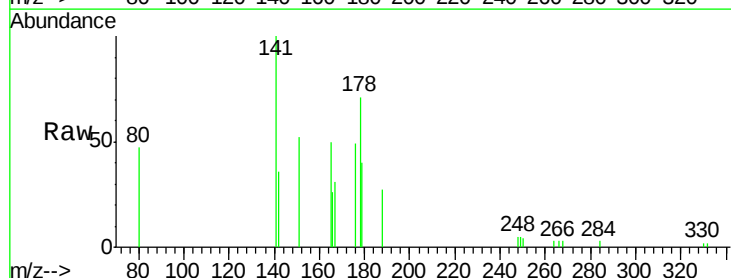
RT: 17.68 min Scan# 1513

Delta R.T. -0.01 min

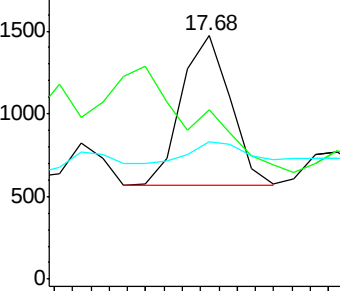
Lab File: BE096266.D

Acq: 1 May 2018 20:30

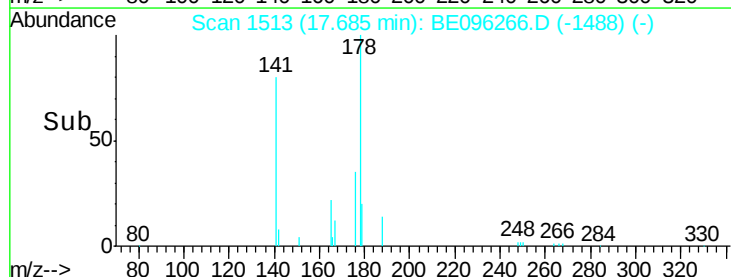
Tgt Ion:	178	Resp:	1711
Ion Ratio	Lower	Upper	
178	100		
176	0.0	15.1	22.7#
179	0.0	11.8	17.6#

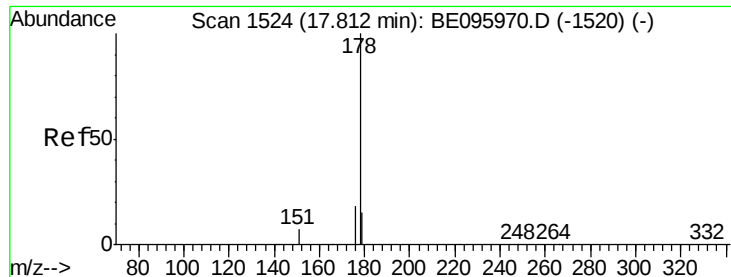


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time--> 17.60 17.65 17.70





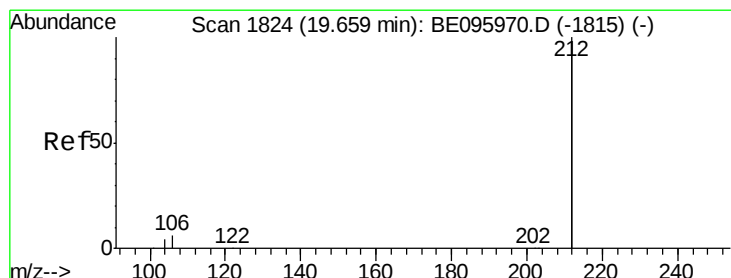
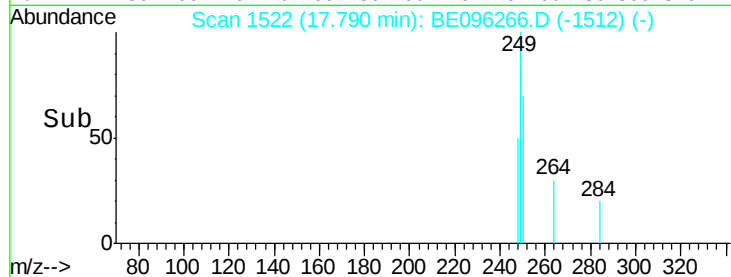
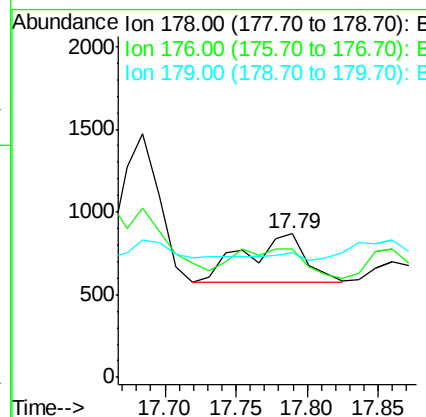
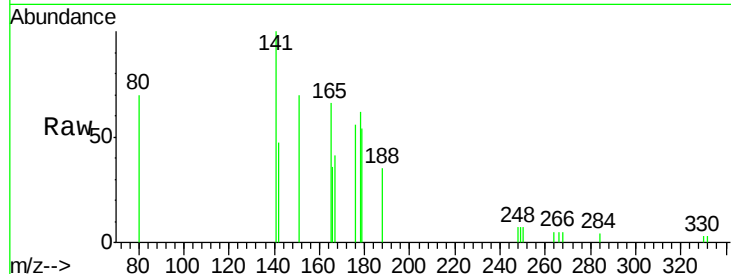
#24
 Anthracene
 Concen: 0.064 ng
 RT: 17.79 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BE096266.D
 Acq: 1 May 2018 20:30

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW009-180419

Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	12.8	19.2#
179	6.7	13.0	19.6#

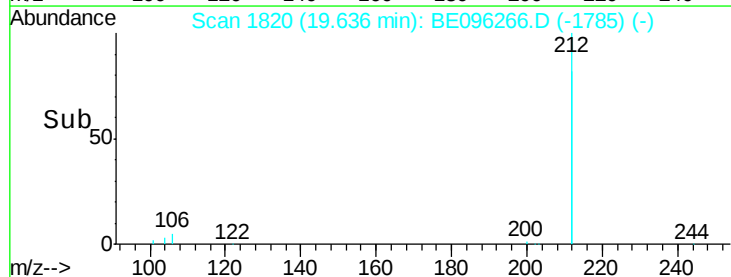
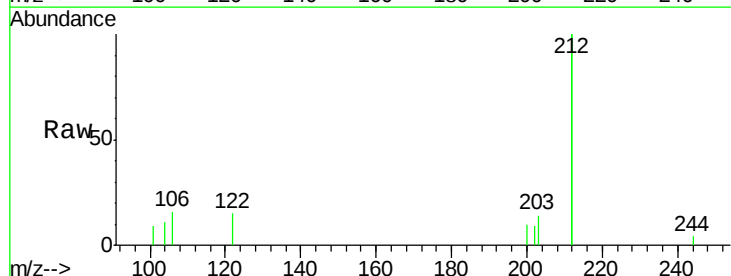
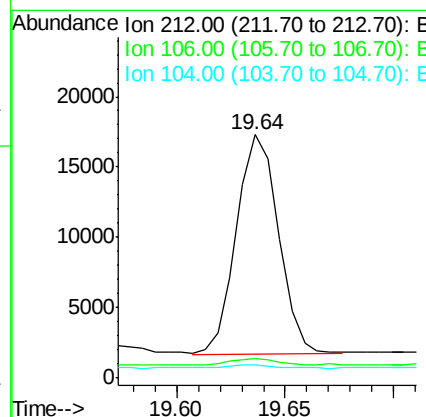
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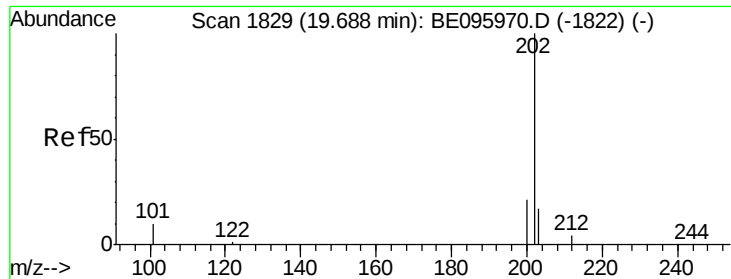
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#25
 Fluoranthene-d10
 Concen: 0.312 ng
 RT: 19.64 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BE096266.D
 Acq: 1 May 2018 20:30

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.7	2.8	4.2
104	1.8	1.6	2.4





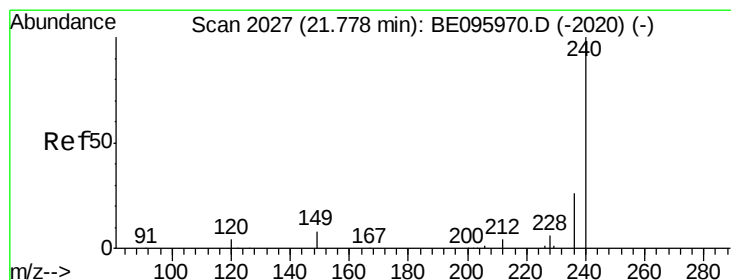
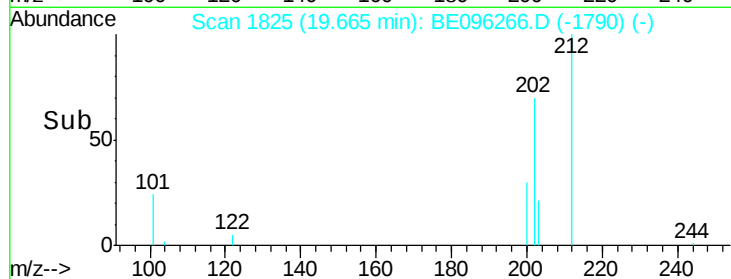
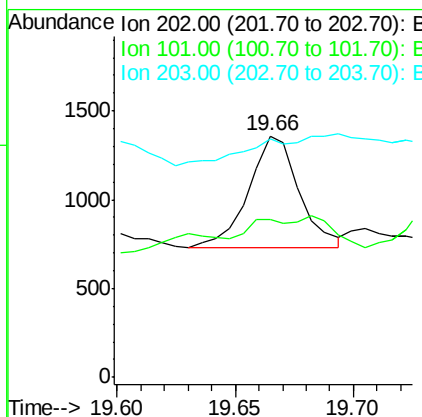
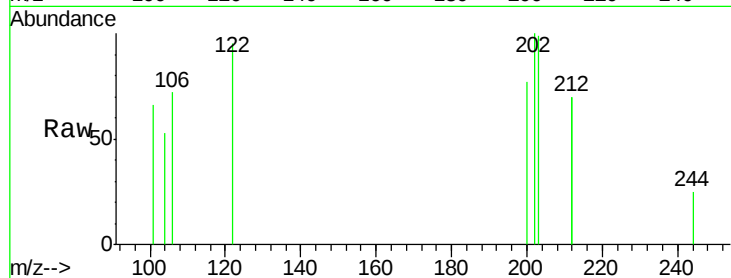
#26
Fluoranthene
Concen: 0.052 ng
RT: 19.66 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BE096266.D
Acq: 1 May 2018 20:30

Instrument :
BNA_E
ClientSampleId :
SS043MW009-180419

Tgt Ion: 202 Resp: 949
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.8
203 0.0 13.7 20.5#

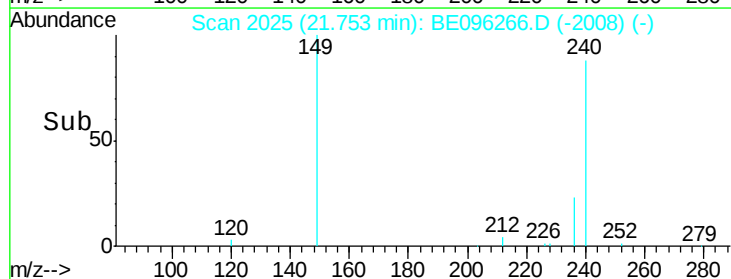
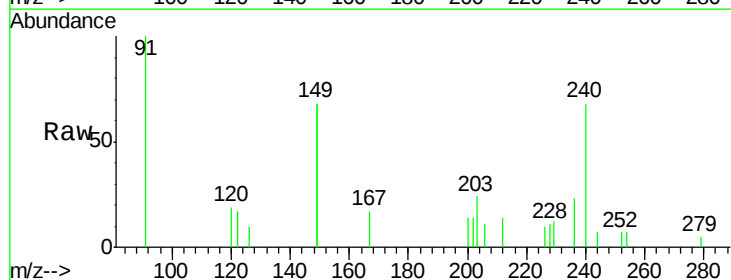
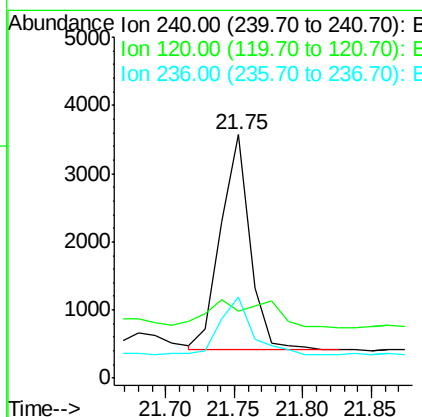
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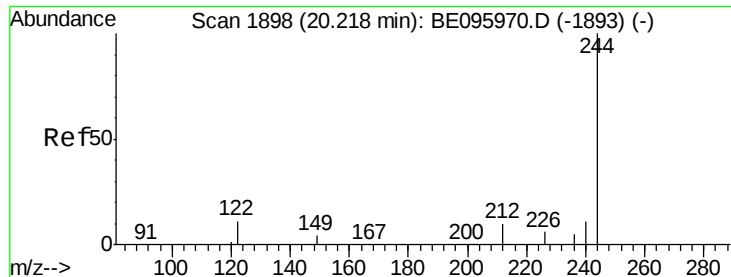
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#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.75 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BE096266.D
Acq: 1 May 2018 20:30

Tgt Ion: 240 Resp: 4645
Ion Ratio Lower Upper
240 100
120 27.5 5.5 8.3#
236 33.2 20.7 31.1#





#29

Terphenyl-d14

Concen: 0.543 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096266.D

Acq: 1 May 2018 20:30

Instrument :

BNA_E

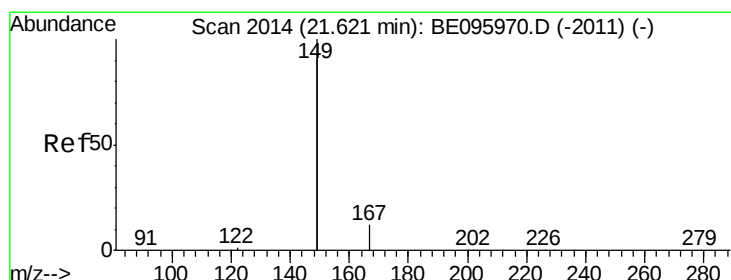
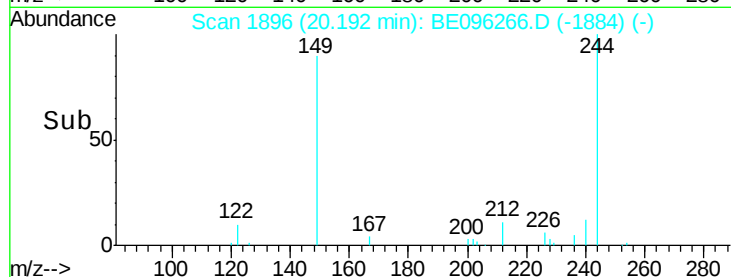
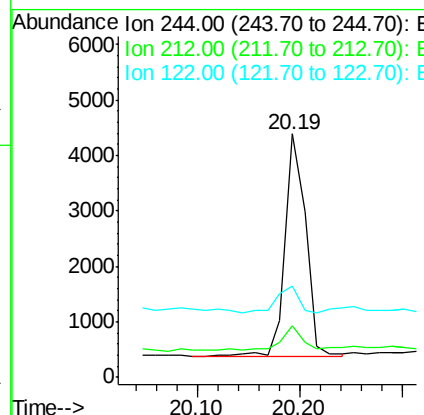
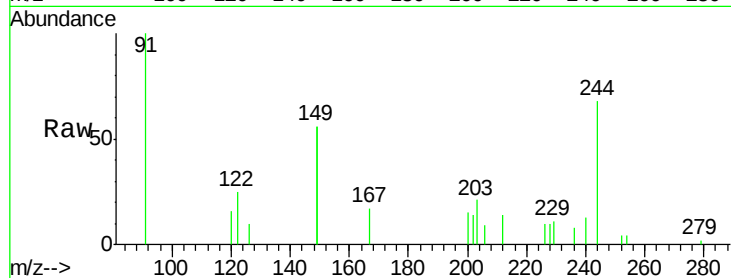
ClientSampleId :

SS043MW009-180419

Tgt Ion:	244	Resp:	5577
Ion Ratio		Lower	Upper
244	100		
212	21.1	25.4	38.0#
122	37.2	8.1	12.1#

Manual Integrations
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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.145 ng m

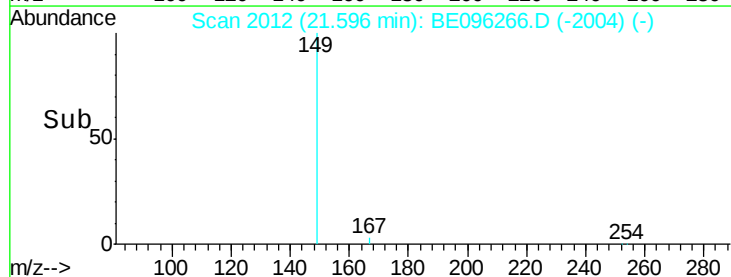
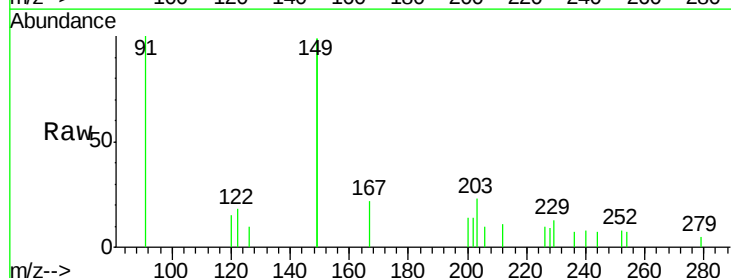
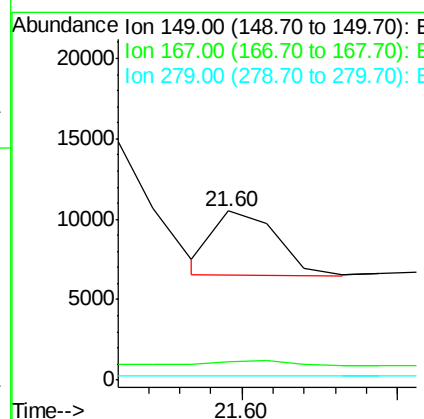
RT: 21.60 min Scan# 2012

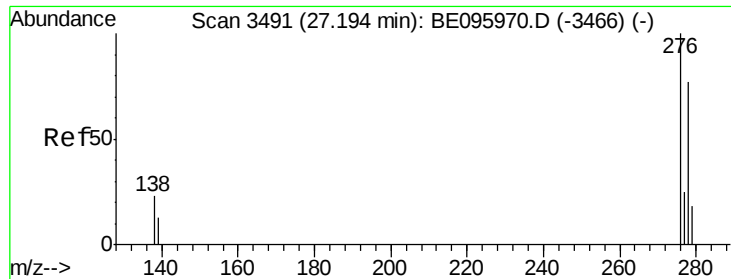
Delta R.T. -0.00 min

Lab File: BE096266.D

Acq: 1 May 2018 20:30

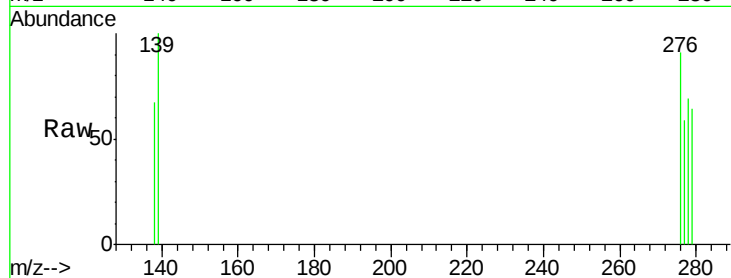
Tgt Ion:	149	Resp:	5576
Ion Ratio		Lower	Upper
149	100		
167	0.0	5.4	8.0#
279	0.0	0.7	1.1#





#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.036 ng
 RT: 27.14 min Scan# 3475
 Delta R.T. 0.01 min
 Lab File: BE096266.D
 Acq: 1 May 2018 20:30

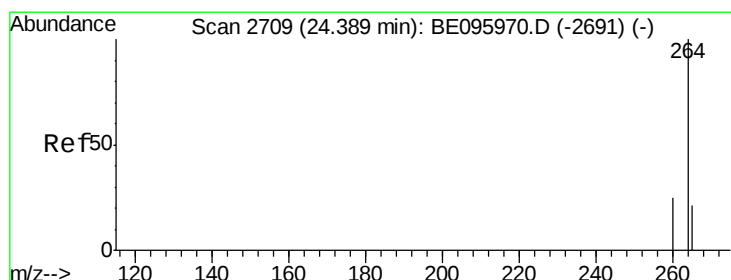
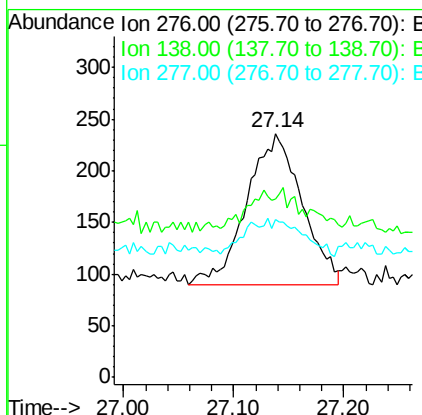
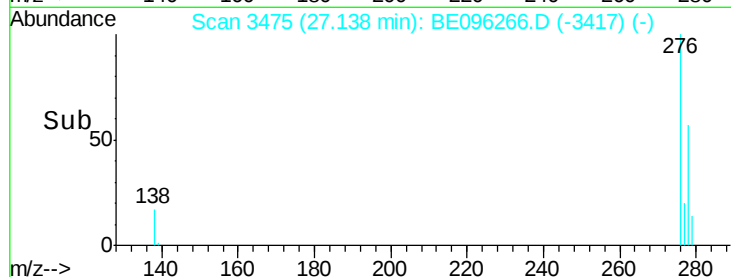
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW009-180419



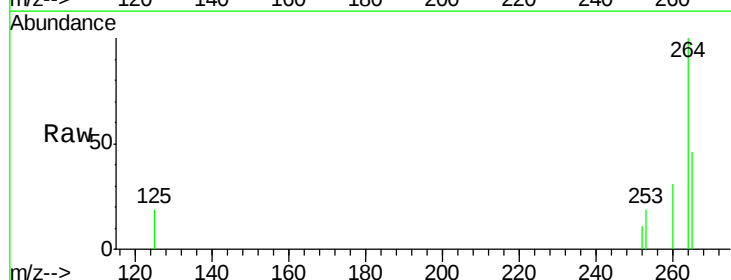
Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.8	22.5	33.7#
277	0.0	19.9	29.9#

Manual Integrations
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.36 min Scan# 2700
 Delta R.T. 0.01 min
 Lab File: BE096266.D
 Acq: 1 May 2018 20:30



Tgt Ion	Ratio	Lower	Upper
264	100		
260	30.9	20.5	30.7#
265	46.0	22.8	34.2#

