

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
 Data File : BE099210.D
 Acq On : 26 Mar 2019 11:09
 Operator : JU/SJ
 Sample : K2073-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 P001-TW001-03MS

Manual Integrations
 APPROVED

Sohil
 3/28/2019 5:11:25 PM

Quant Time: Mar 28 14:42:04 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Mar 26 07:02:06 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3391	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	13866	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	10566	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	31338m	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	37492	0.40	ng	-0.01
34) Perylene-d12	23.89	264	34468	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.41	112	1728	0.17	ng	0.00
5) Phenol-d6	6.99	99	1626	0.11	ng	0.00
8) Nitrobenzene-d5	8.99	82	4361	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	10398m	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1730	0.52	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	17168	0.40	ng	0.00
25) Fluoranthene-d10	19.24	212	154418m	0.41	ng	0.00
29) Terphenyl-d14	19.83	244	31926	0.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	1507	0.337	ng	# 76
3) n-Nitrosodimethylamine	3.67	42	530	0.212	ng	# 64
6) bis(2-Chloroethyl)ether	7.26	93	4364	0.359	ng	99
9) Naphthalene	10.68	128	60237	0.368	ng	100
10) Hexachlorobutadiene	10.95	225	2899	0.333	ng	96
12) 2-Methylnaphthalene	12.30	142	11237	0.384	ng	99
16) Acenaphthylene	14.20	152	19510	0.362	ng	100
17) Acenaphthene	14.54	154	12313	0.382	ng	97
18) Fluorene	15.51	166	18278	0.403	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	6892m	0.341	ng	
21) Hexachlorobenzene	16.50	284	6796m	0.348	ng	
22) Pentachlorophenol	16.85	266	3792m	1.383	ng	
23) Phenanthrene	17.25	178	34943m	0.380	ng	
24) Anthracene	17.33	178	32229m	0.388	ng	
26) Fluoranthene	19.26	202	45092	0.384	ng	100
28) Pyrene	19.63	202	47741	0.383	ng	100
30) Benzo(a)anthracene	21.37	228	47076	0.381	ng	99
31) Chrysene	21.41	228	48232	0.365	ng	100
32) Bis(2-ethylhexyl)phthalate	21.28	149	60596	0.411	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	39186	0.313	ng	98
35) Benzo(b)fluoranthene	23.12	252	43133m	0.380	ng	
36) Benzo(k)fluoranthene	23.17	252	48152	0.402	ng	98
37) Benzo(a)pyrene	23.78	252	42055	0.397	ng	99
38) Dibenzo(a,h)anthracene	26.57	278	33213	0.353	ng	98
39) Benzo(g,h,i)perylene	27.37	276	29864	0.316	ng	99

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

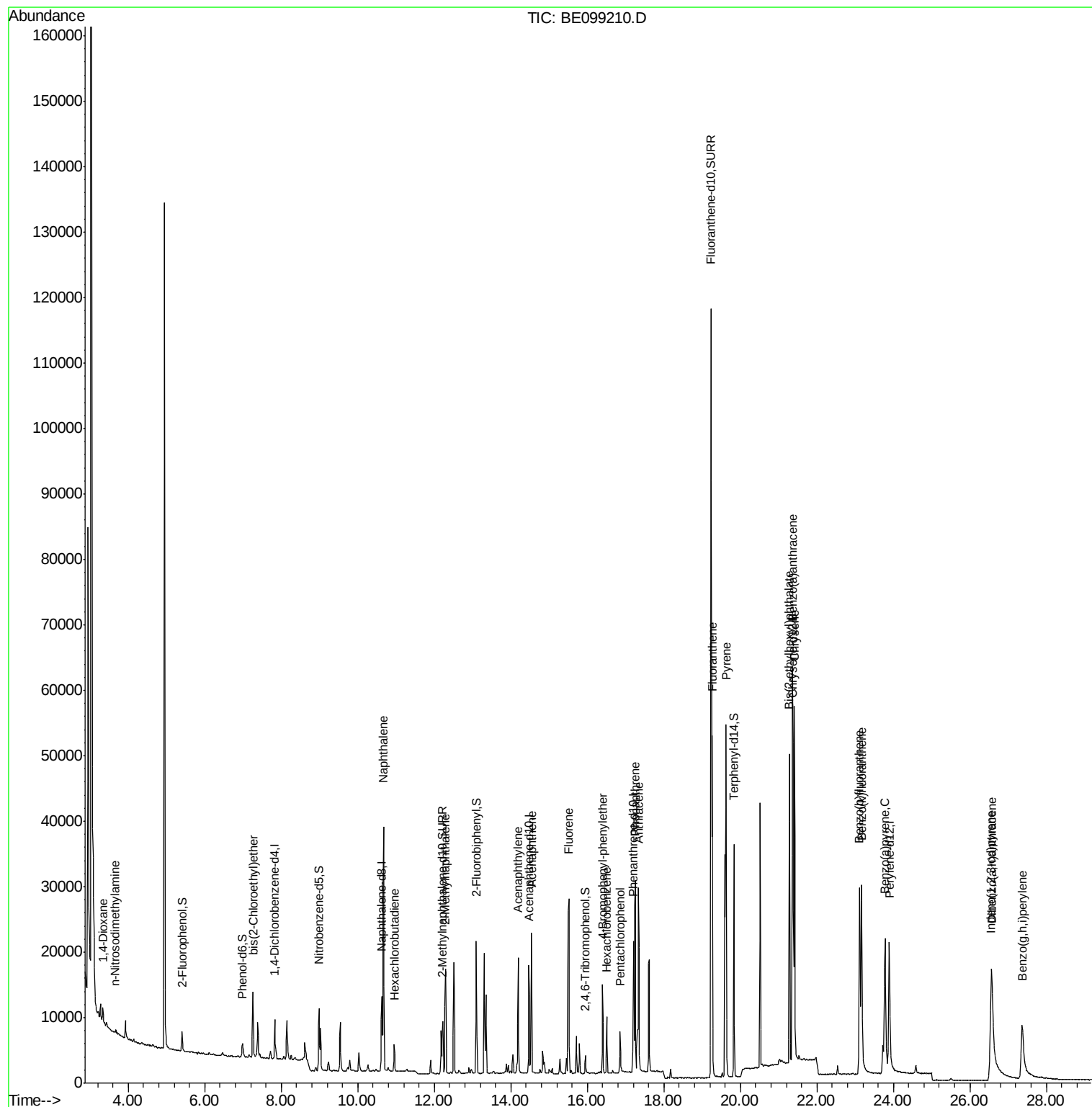
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
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QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.84 min Scan# 432

Delta R.T. -0.00 min

Lab File: BE099210.D

Acq: 26 Mar 2019 11:09

Instrument :

BNA_E

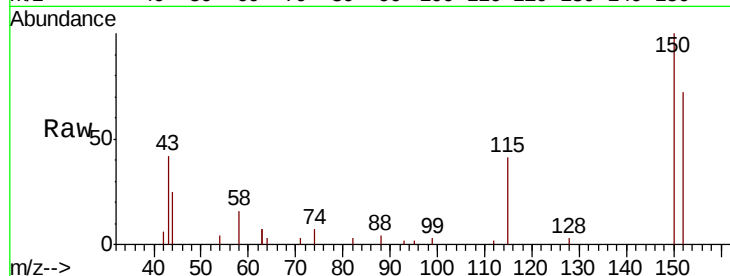
ClientSampleId :

P001-TW001-03MS

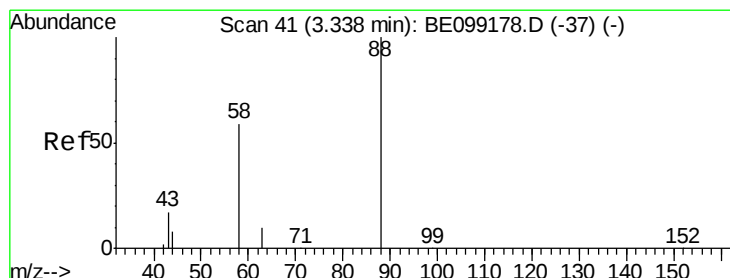
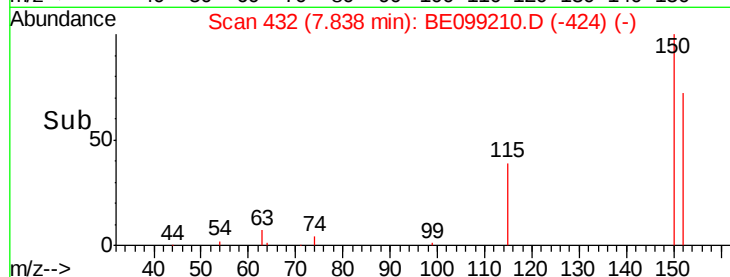
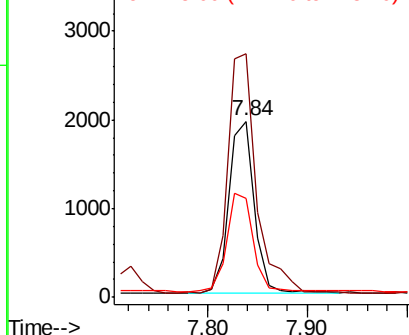
Tot Ion:	152	Resp:	3391
Ion Ratio	Lower	Upper	
152	100		
150	138.0	112.8	169.2
115	56.3	45.1	67.7

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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: 0.337 ng

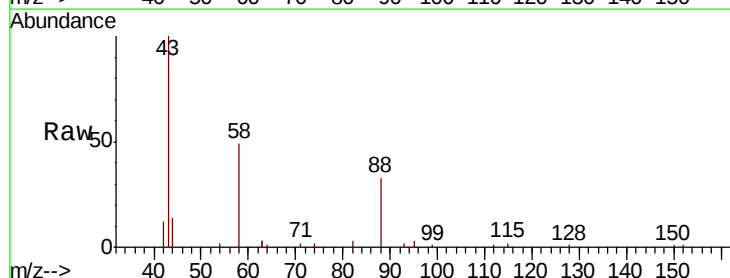
RT: 3.34 min Scan# 41

Delta R.T. -0.00 min

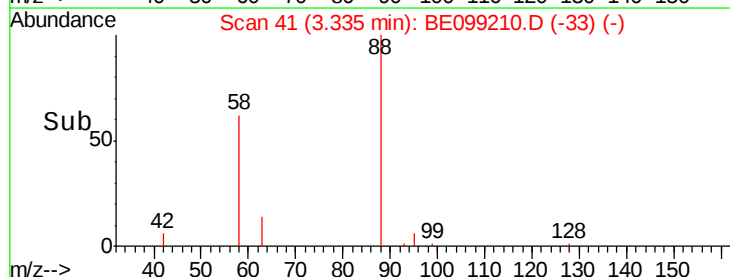
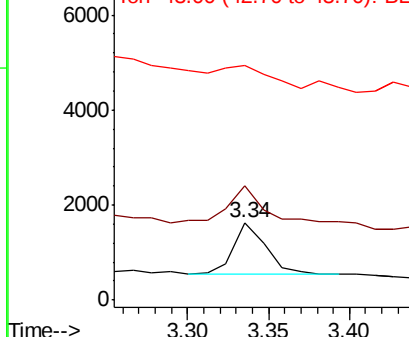
Lab File: BE099210.D

Acq: 26 Mar 2019 11:09

Tgt Ion:	88	Resp:	1507
Ion Ratio	Lower	Upper	
88	100		
58	72.3	47.4	71.0#
43	0.0	15.6	23.4#



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: 0.212 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.00 min

Lab File: BE099210.D

Acq: 26 Mar 2019 11:09

Instrument :

BNA_E

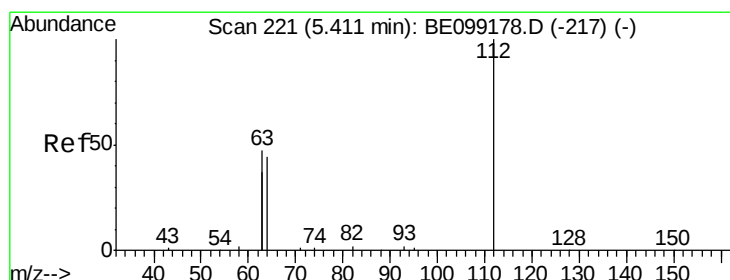
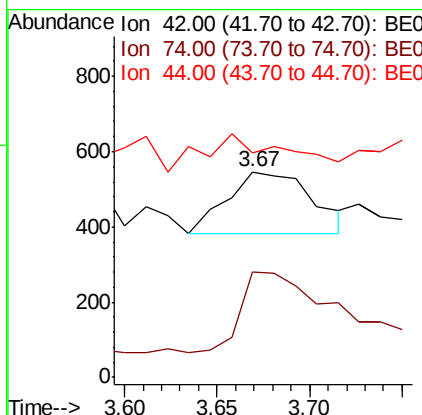
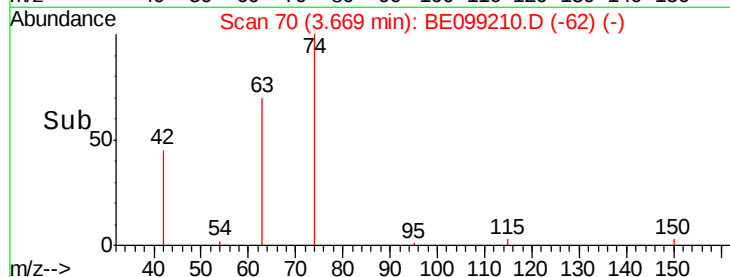
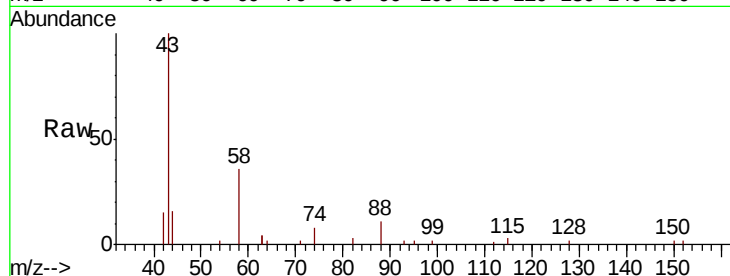
ClientSampleId :

P001-TW001-03MS

Tot Ion:	42	Resp:	530
Ion	Ratio	Lower	Upper
42	100		
74	131.1	138.6	207.8#
44	60.2	15.0	22.6#

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#4

2-Fluorophenol

Concen: 0.171 ng

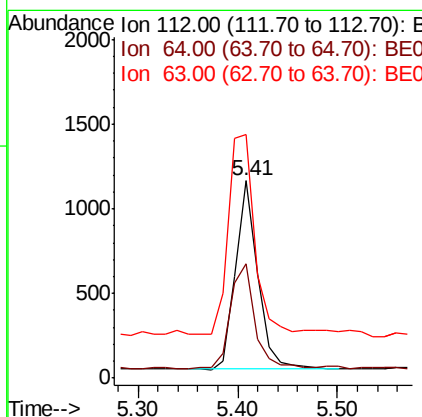
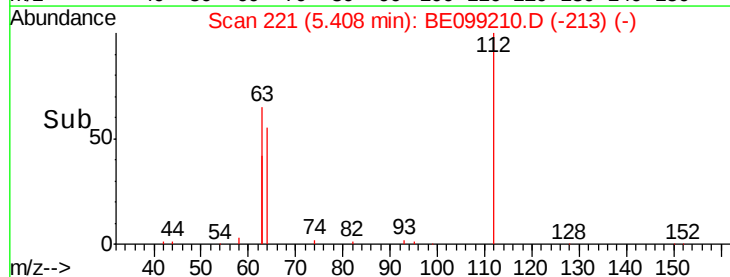
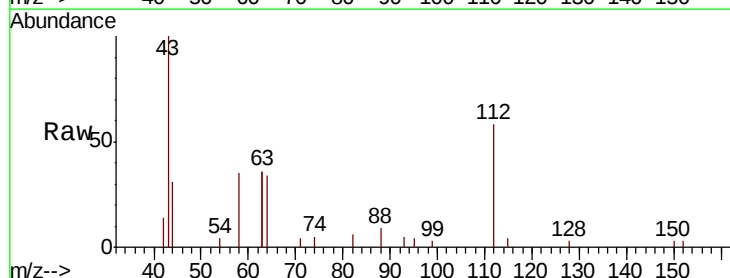
RT: 5.41 min Scan# 221

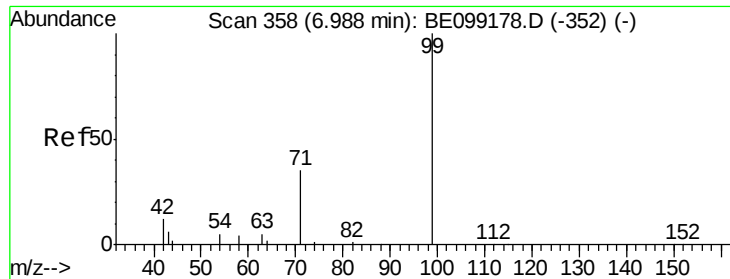
Delta R.T. -0.00 min

Lab File: BE099210.D

Acq: 26 Mar 2019 11:09

Tgt Ion:	112	Resp:	1728
Ion	Ratio	Lower	Upper
112	100		
64	60.7	46.2	69.2
63	136.3	89.9	134.9#





#5

Phenol-d6

Concen: 0.105 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099210.D

Acq: 26 Mar 2019 11:09

Instrument :

BNA_E

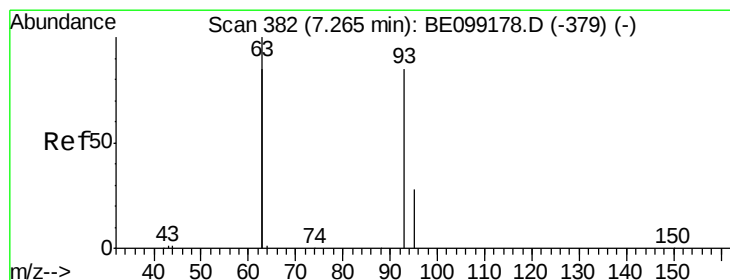
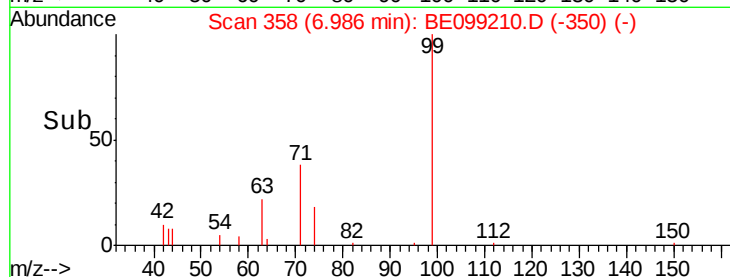
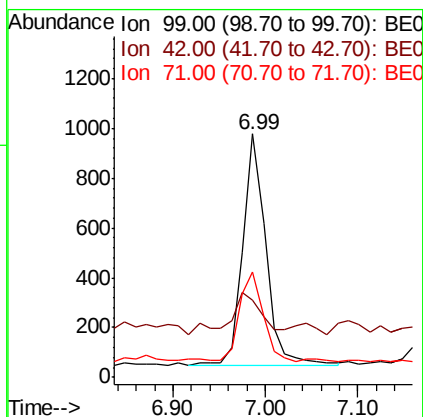
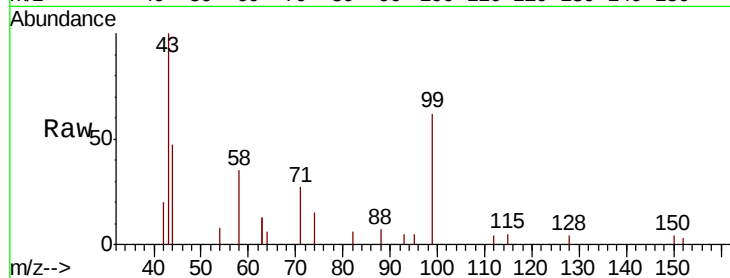
ClientSampleId :

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Tot Ion:	99	Resp:	1626
Ion	Ratio	Lower	Upper
99	100		
42	23.6	12.4	18.6#
71	40.2	28.4	42.6

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#6

bis(2-Chloroethyl)ether

Concen: 0.359 ng

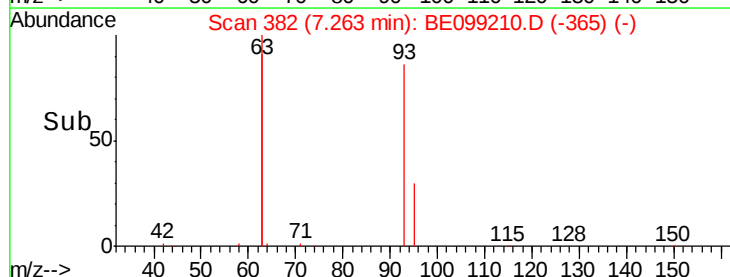
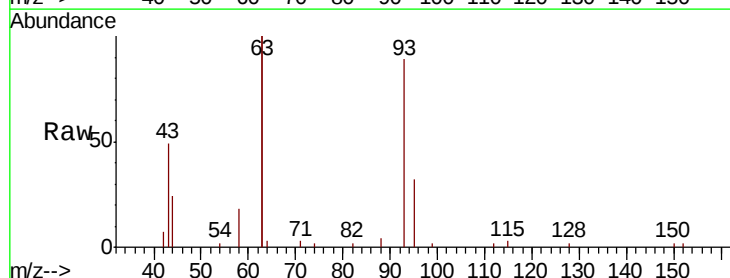
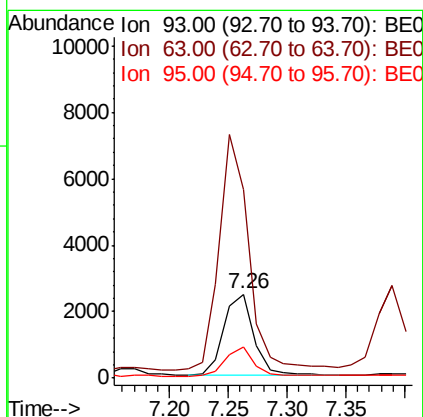
RT: 7.26 min Scan# 382

Delta R.T. -0.00 min

Lab File: BE099210.D

Acq: 26 Mar 2019 11:09

Tgt Ion:	93	Resp:	4364
Ion	Ratio	Lower	Upper
93	100		
63	278.4	221.4	332.0
95	33.4	25.8	38.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099210.D

Acq: 26 Mar 2019 11:09

Instrument :

BNA_E

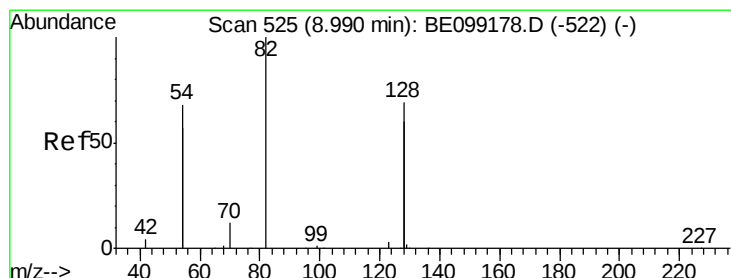
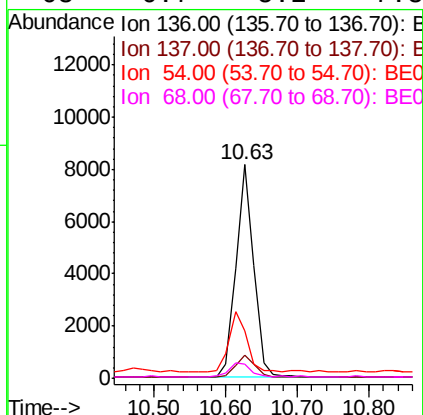
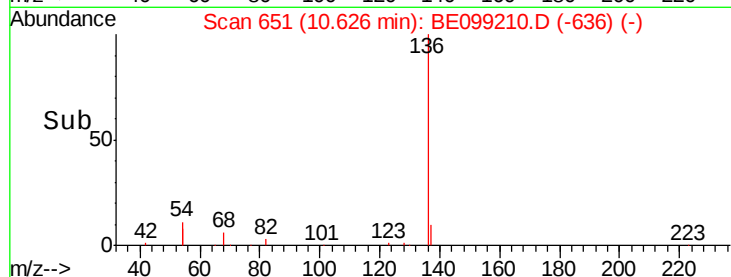
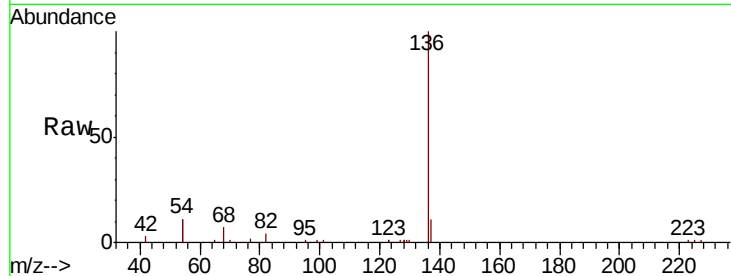
ClientSampleId :

P001-TW001-03MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	22.0	18.7	28.1
68	6.7	5.2	7.8

Manual Integrations
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#8

Nitrobenzene-d5

Concen: 0.385 ng

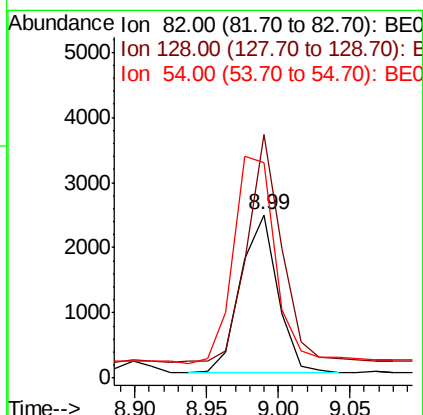
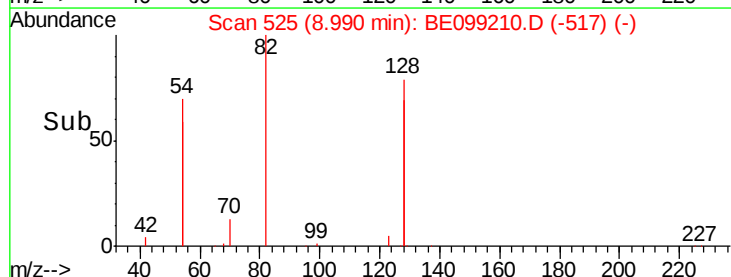
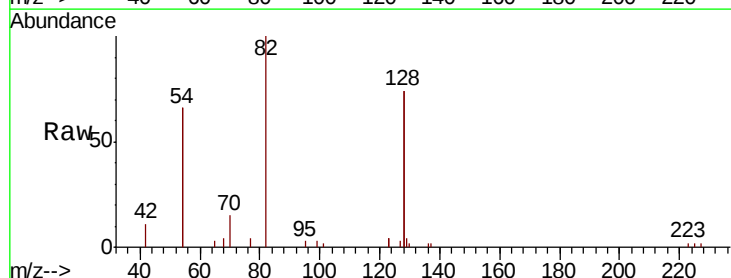
RT: 8.99 min Scan# 525

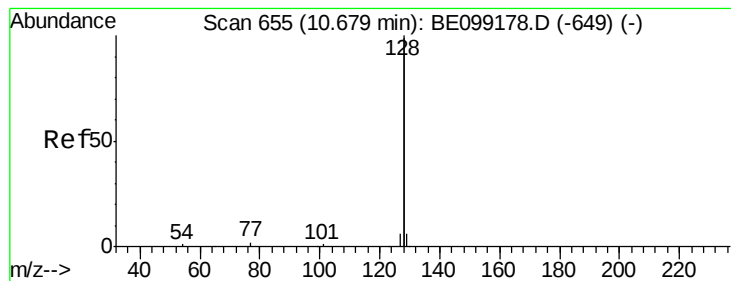
Delta R.T. -0.00 min

Lab File: BE099210.D

Acq: 26 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
82	100		
128	149.0	107.5	161.3
54	131.6	106.3	159.5





#9

Naphthalene

Concen: 0.368 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE099210.D

Acq: 26 Mar 2019 11:09

Instrument :

BNA_E

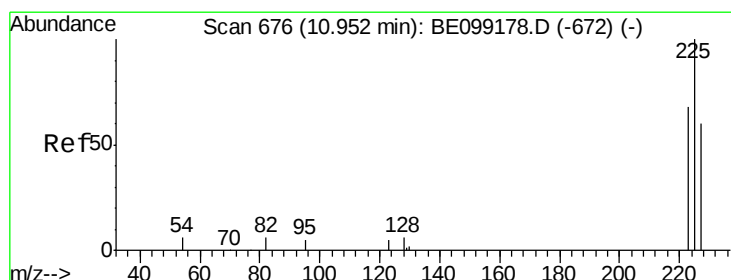
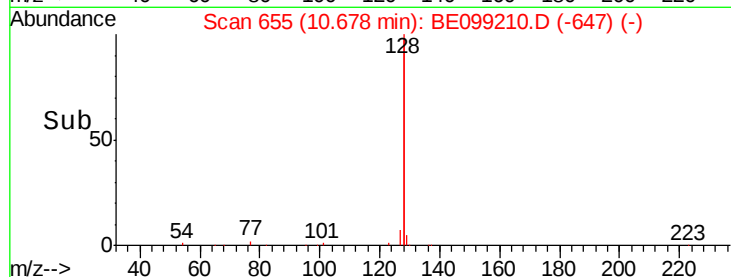
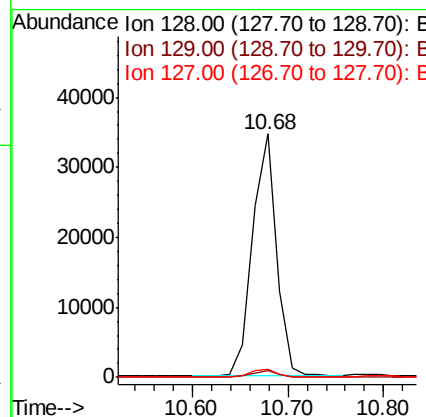
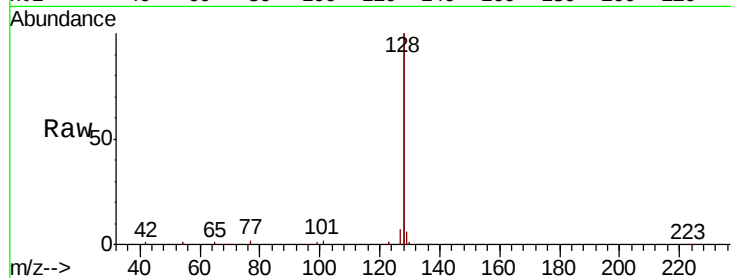
ClientSampleId :

P001-TW001-03MS

Tot Ion:	128	Resp:	60237
Ion Ratio	Lower	Upper	
128	100		
129	2.8	2.3	3.5
127	3.4	2.6	3.8

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#10

Hexachlorobutadiene

Concen: 0.333 ng

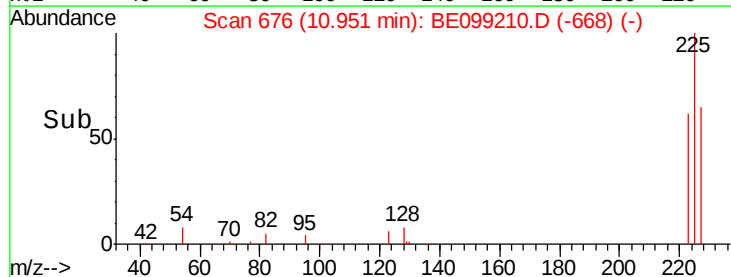
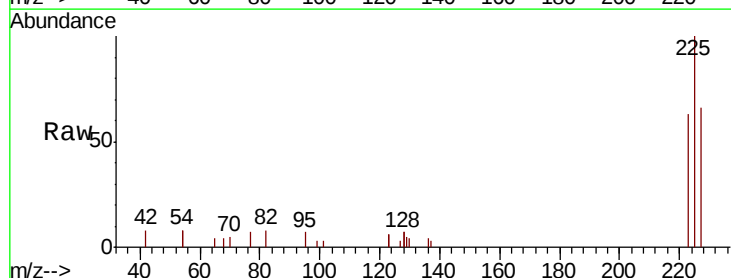
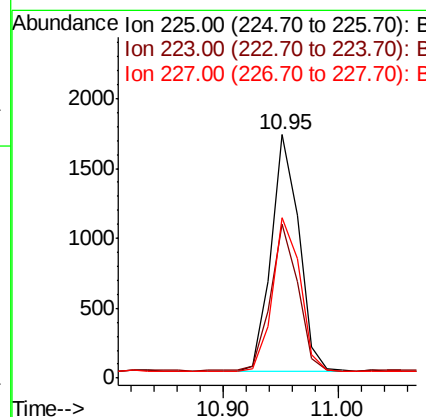
RT: 10.95 min Scan# 676

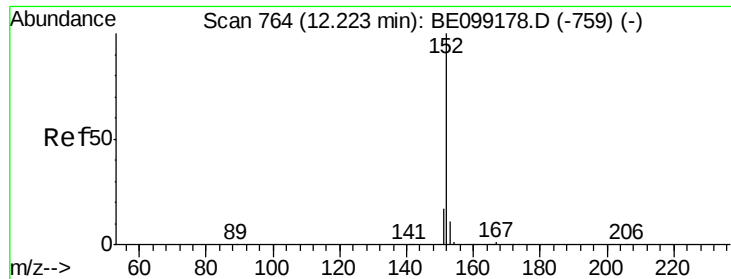
Delta R.T. -0.00 min

Lab File: BE099210.D

Acq: 26 Mar 2019 11:09

Tgt Ion:	225	Resp:	2899
Ion Ratio	Lower	Upper	
225	100		
223	61.1	51.3	76.9
227	64.4	48.6	73.0





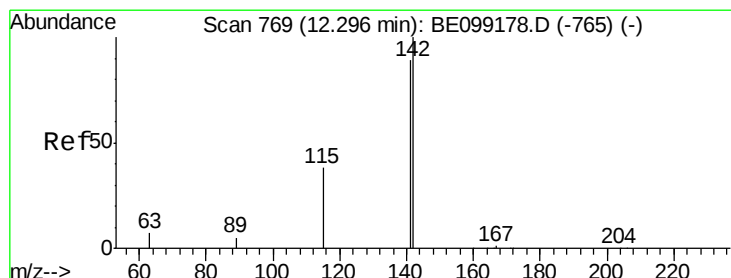
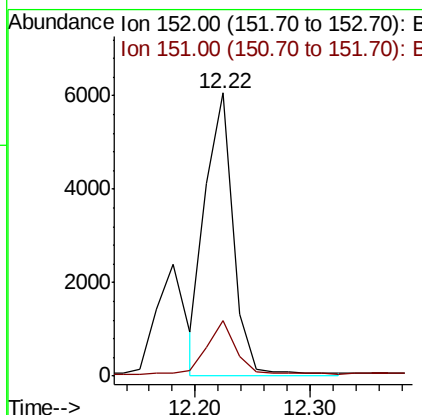
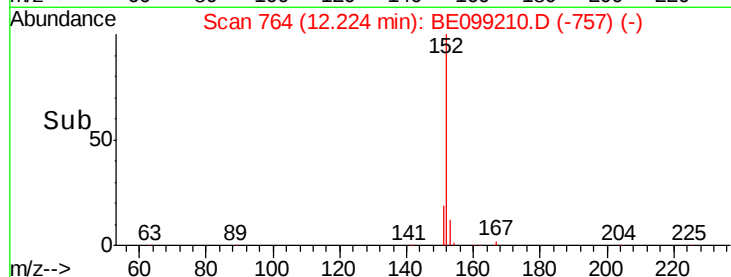
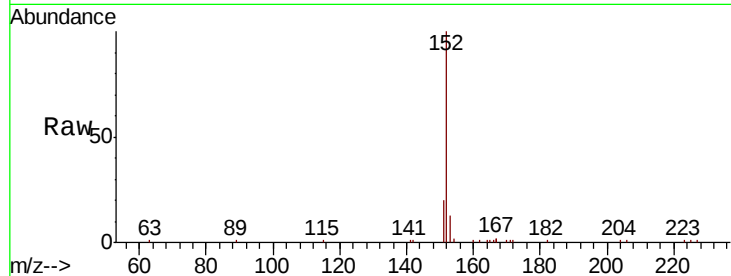
#11
2-Methylnaphthalene-d10
Concen: 0.389 ng m
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
P001-TW001-03MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.0	22.6

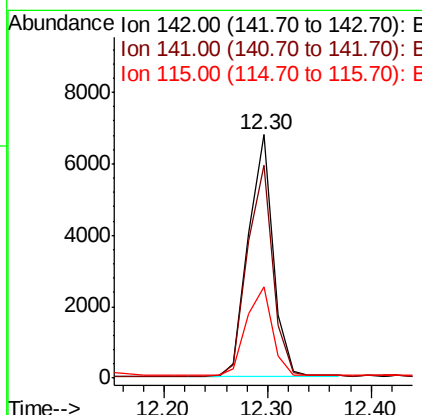
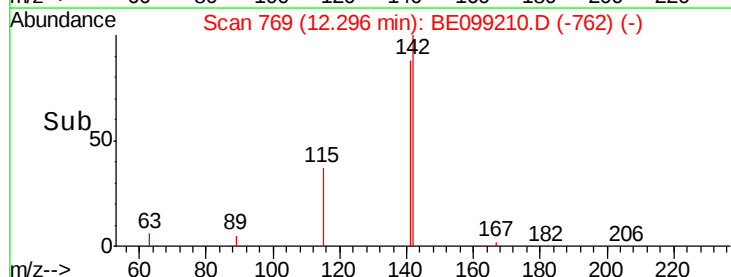
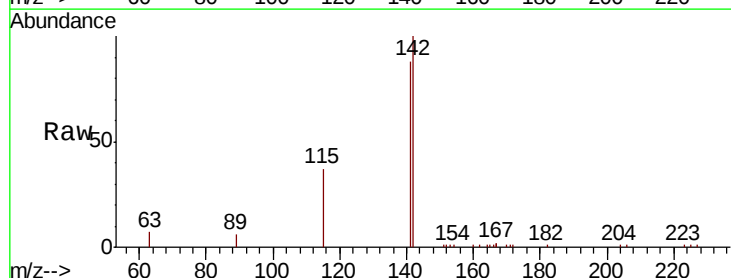
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#12
2-Methylnaphthalene
Concen: 0.384 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.3	106.9
115	37.4	30.4	45.6





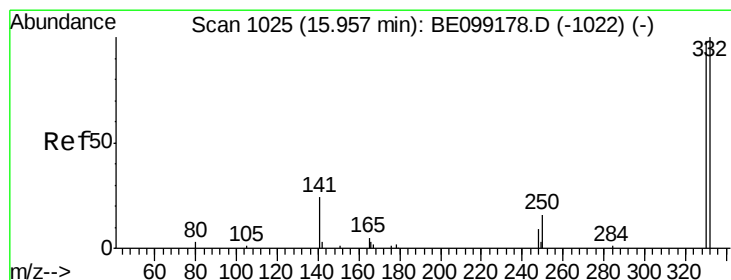
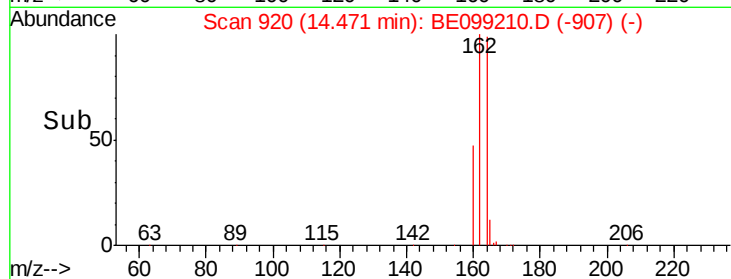
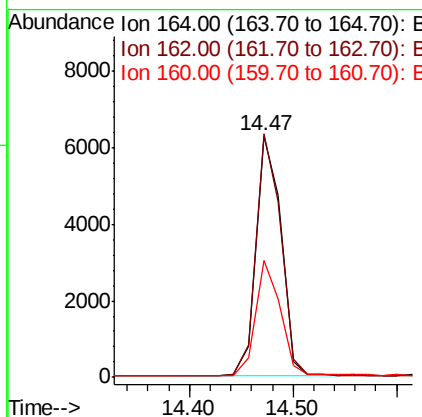
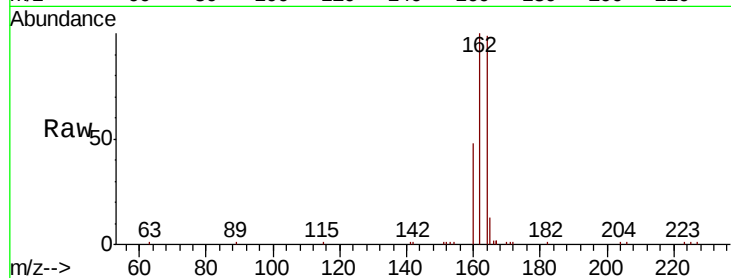
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
P001-TW001-03MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.2	118.8
160	48.4	36.7	55.1

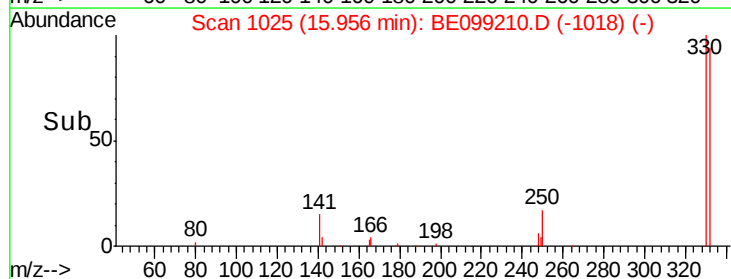
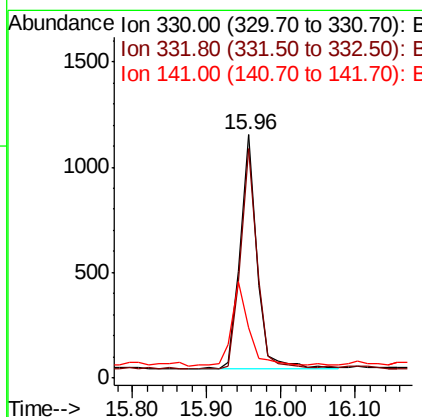
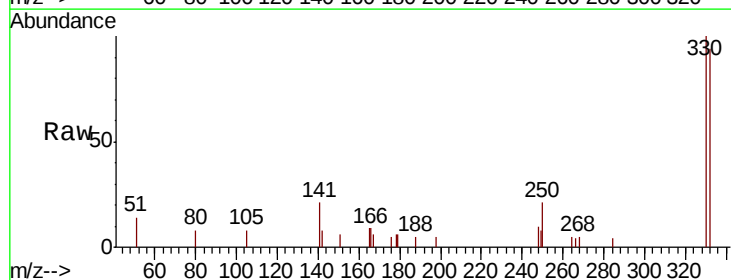
Manual Integrations
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#14
2,4,6-Tribromophenol
Concen: 0.516 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.9	71.3	106.9
141	34.2	21.7	32.5





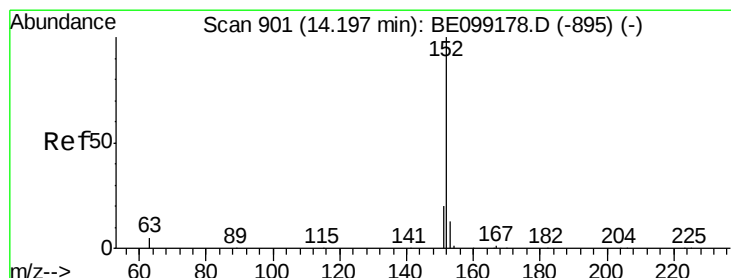
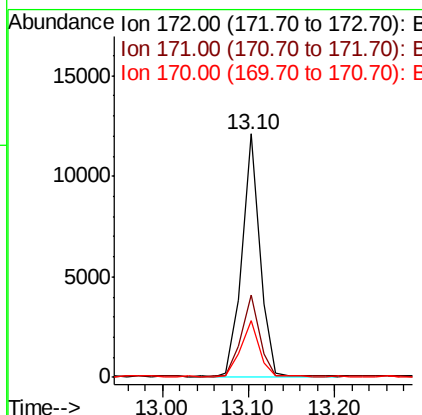
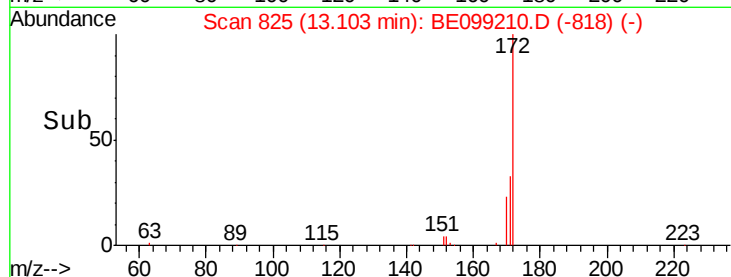
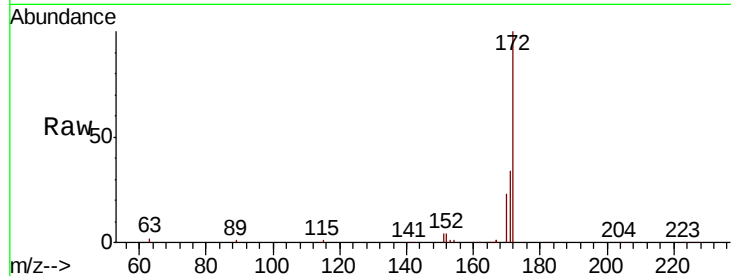
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
P001-TW001-03MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.4	41.0
170	23.4	19.1	28.7

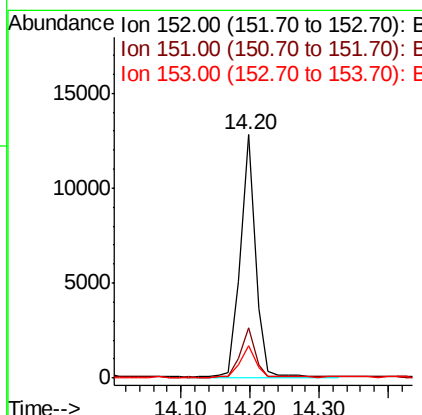
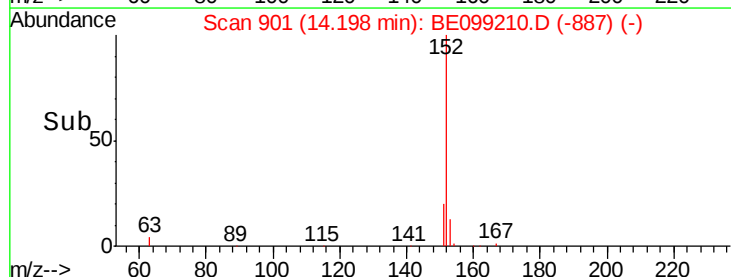
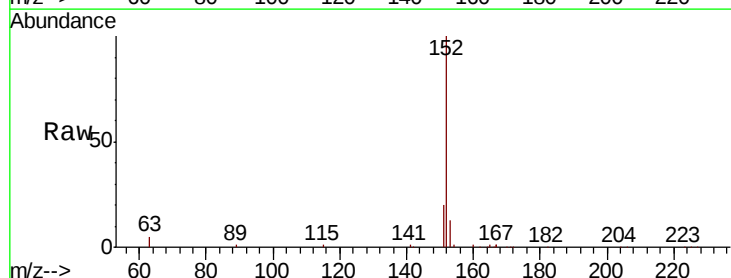
Manual Integrations
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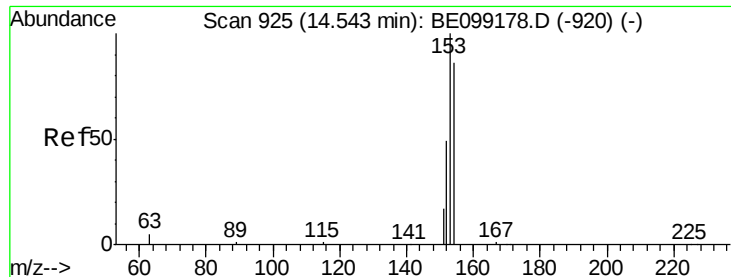
Sohil
3/28/2019 5:11:25 PM



#16
Acenaphthylene
Concen: 0.362 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.6	15.8





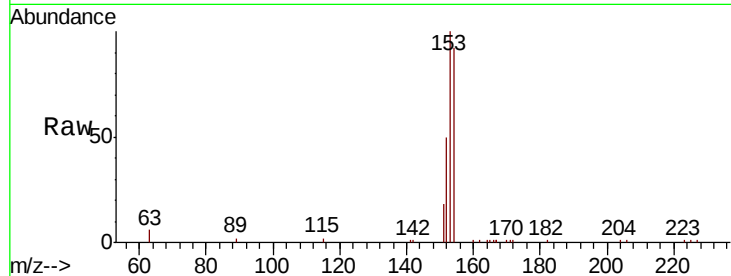
#17
Acenaphthene
Concen: 0.382 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
P001-TW001-03MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.1	93.4	140.0
152	57.4	46.6	69.8

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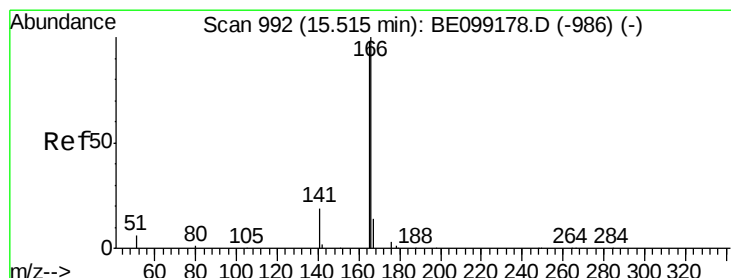
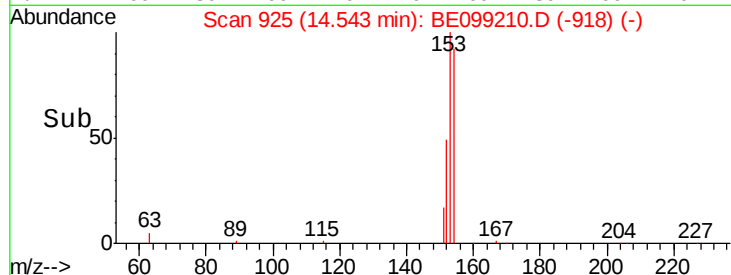
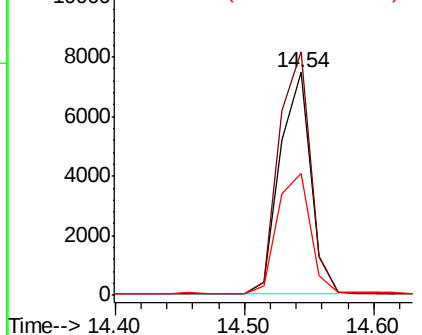


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.403 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

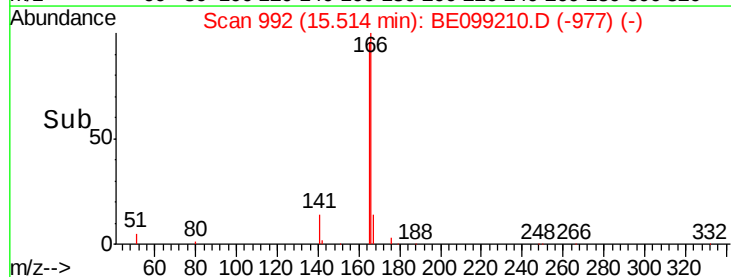
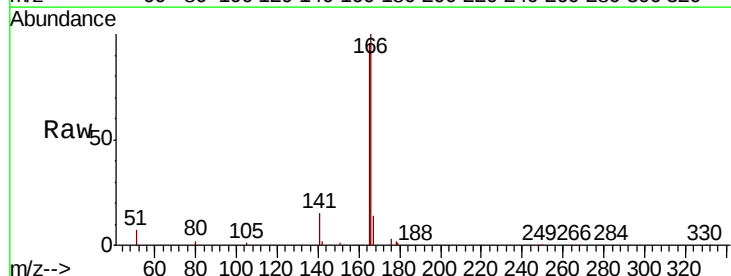
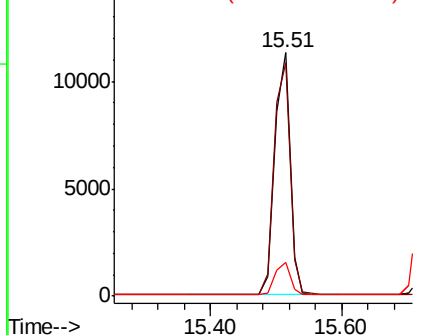
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.9	118.3
167	13.7	10.9	16.3

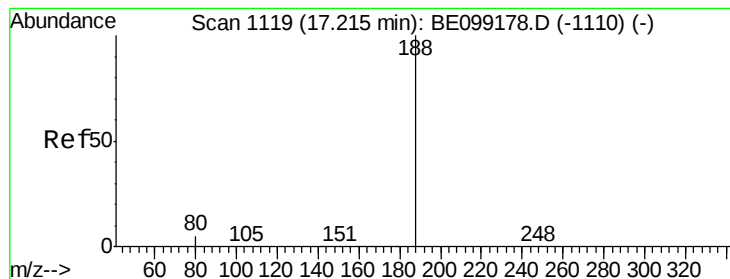
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng m

RT: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099210.D

Acq: 26 Mar 2019 11:09

Instrument :

BNA_E

ClientSampleId :

P001-TW001-03MS

Tot Ion:188 Resp: 31338

Ion Ratio Lower Upper

188 100

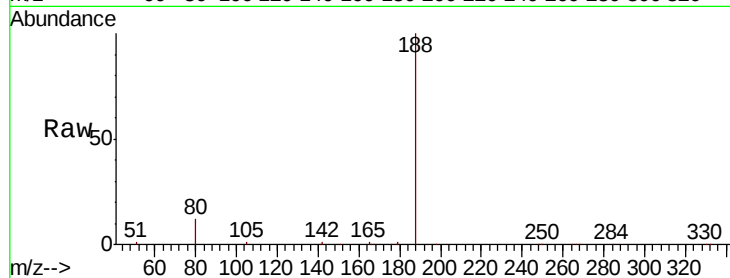
94 0.0 0.0 0.0

80 12.1 4.5 6.7#

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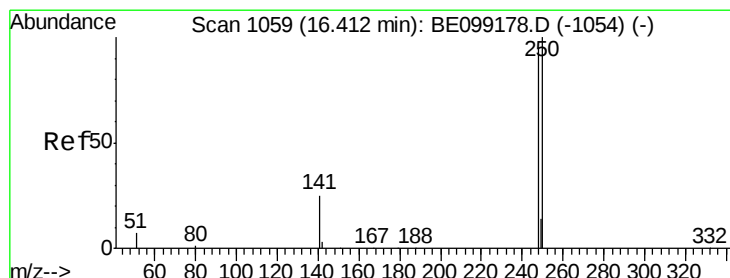
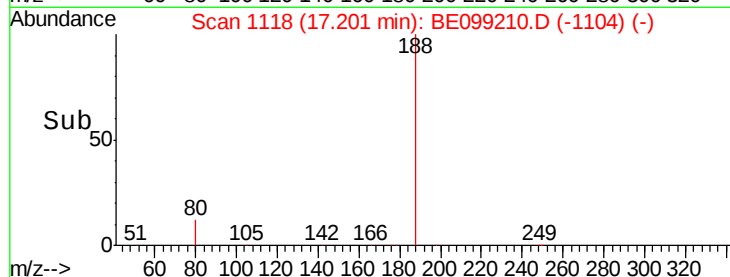
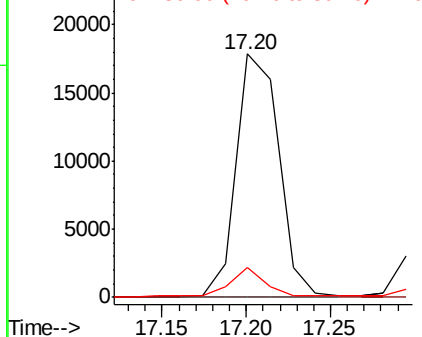
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.341 ng m

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE099210.D

Acq: 26 Mar 2019 11:09

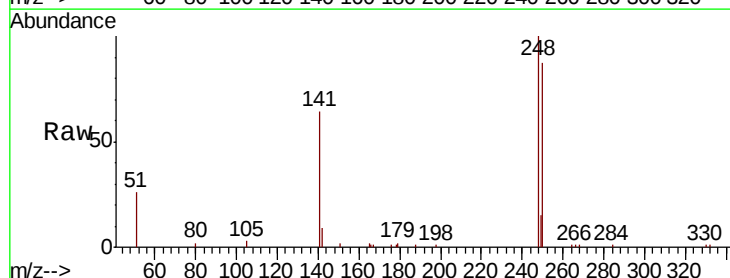
Tgt Ion:248 Resp: 6892

Ion Ratio Lower Upper

248 100

250 86.6 84.2 126.2

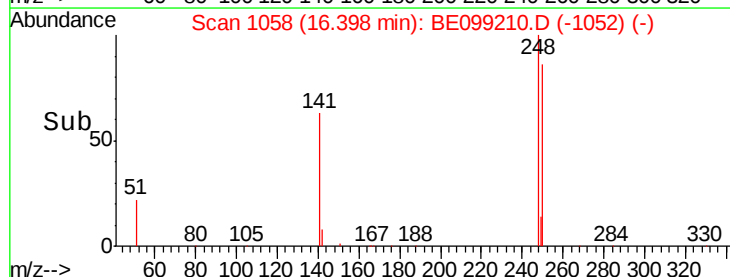
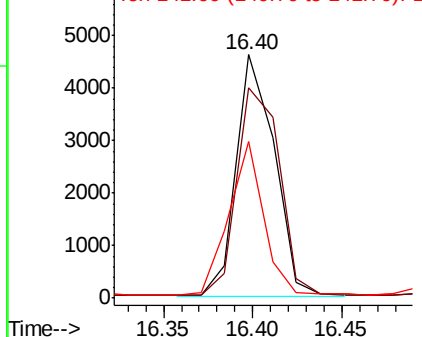
141 64.1 21.8 32.6#

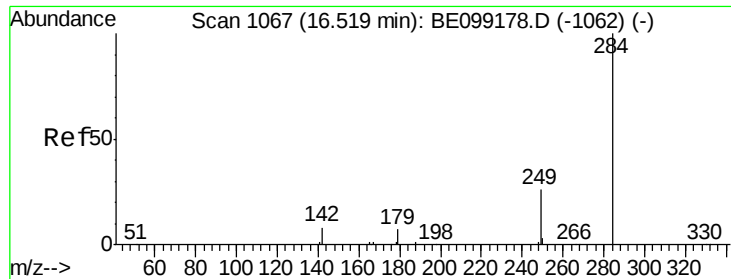


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.348 ng m

RT: 16.50 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099210.D

Acq: 26 Mar 2019 11:09

Instrument :

BNA_E

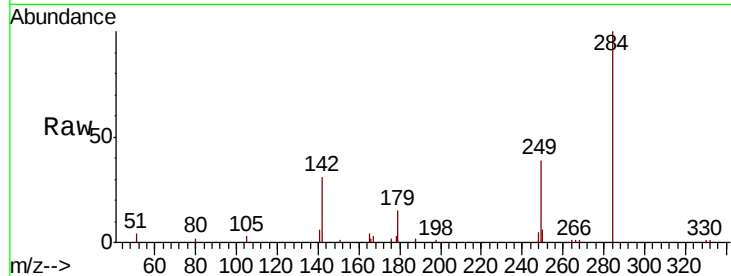
ClientSampleId :

P001-TW001-03MS

Tot Ion:	284	Resp:	6796
Ion Ratio		Lower	Upper
284	100		
142	0.0	22.7	34.1#
249	0.0	26.9	40.3#

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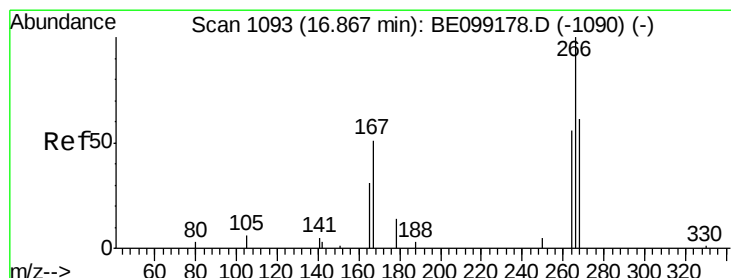
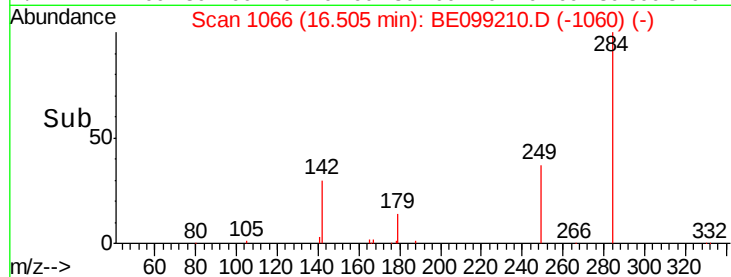
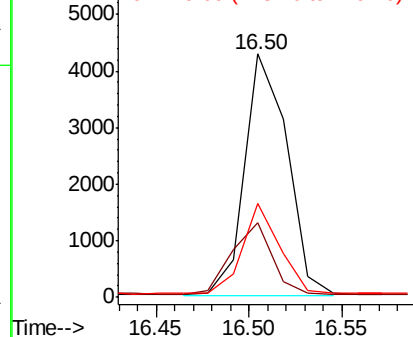


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 1.383 ng m

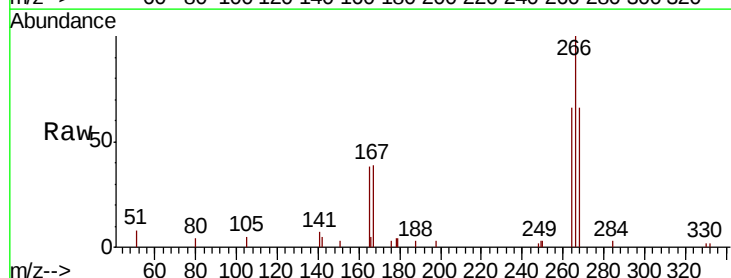
RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099210.D

Acq: 26 Mar 2019 11:09

Tgt Ion:	266	Resp:	3792
Ion Ratio		Lower	Upper
266	100		
264	66.2	54.4	81.6
268	66.3	61.3	91.9

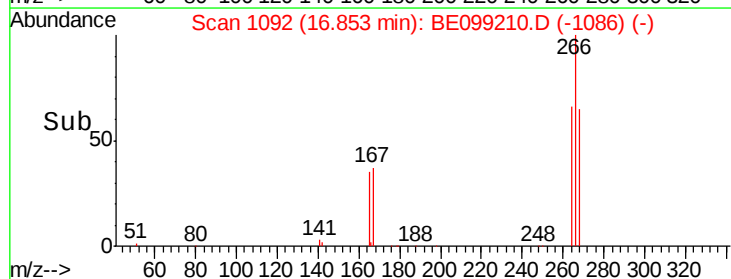
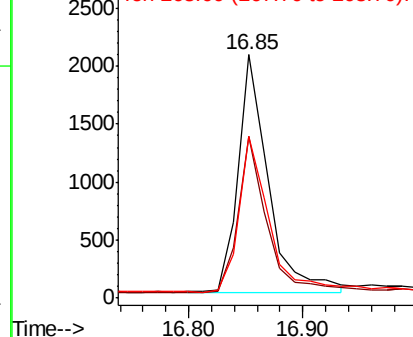


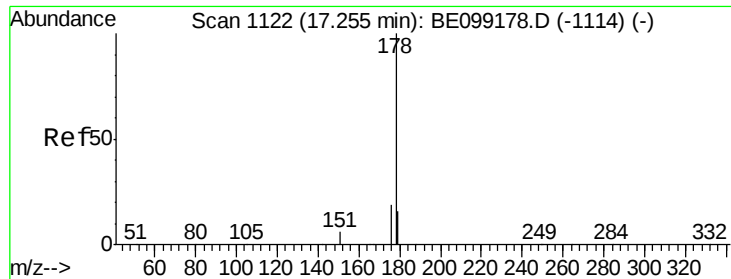
Abundance

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





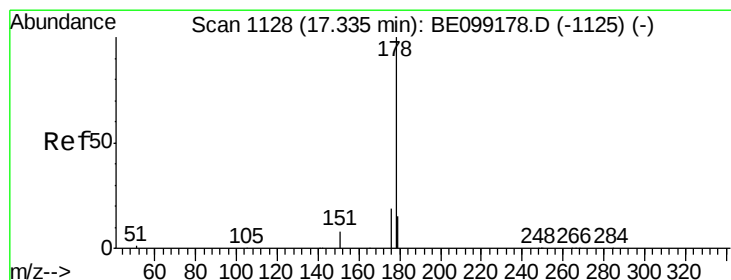
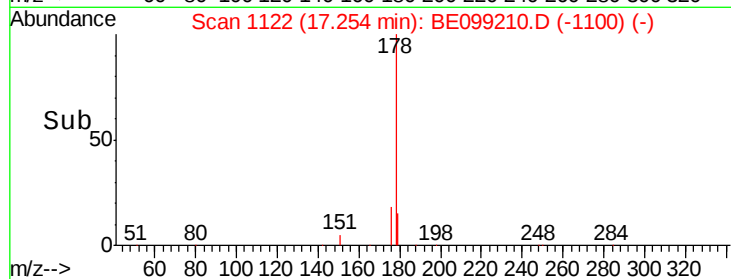
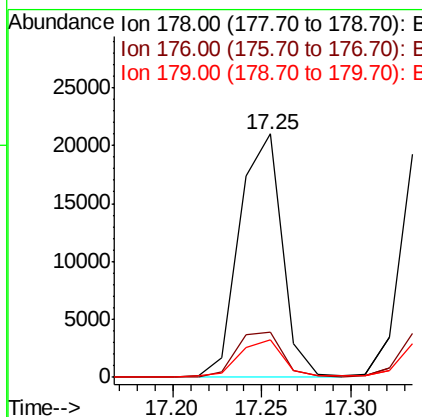
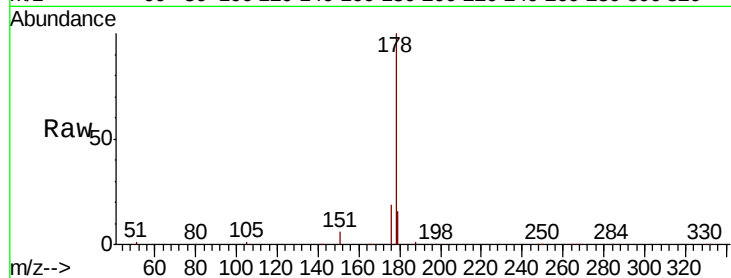
#23
Phenanthrene
Concen: 0.380 ng m
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
P001-TW001-03MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.4	23.2
179	13.9	12.3	18.5

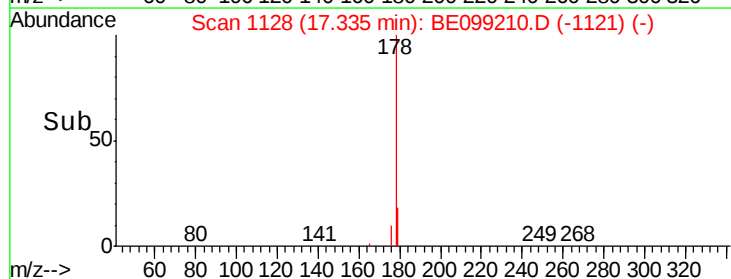
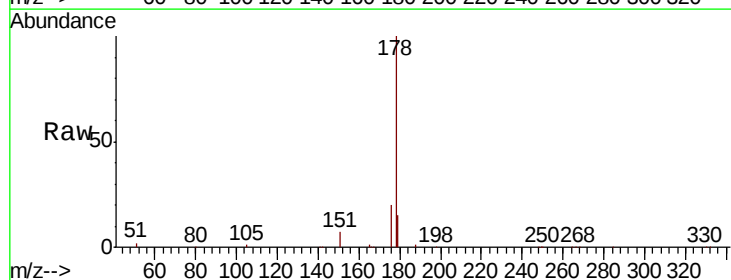
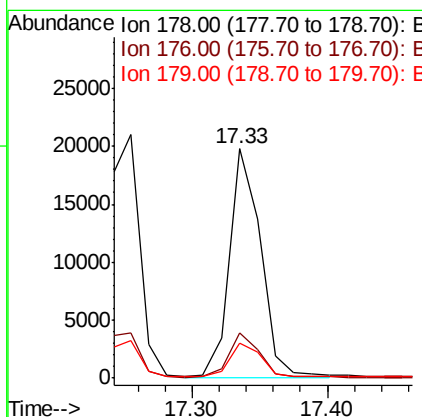
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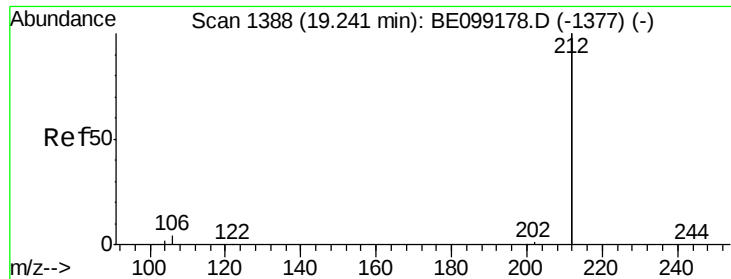
Sohil
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#24
Anthracene
Concen: 0.388 ng m
RT: 17.33 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.1	22.7#
179	0.0	12.4	18.6#





#25

Fluoranthene-d10

Concen: 0.407 ng/mL

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099210.D

Acq: 26 Mar 2019 11:09

Instrument :

BNA_E

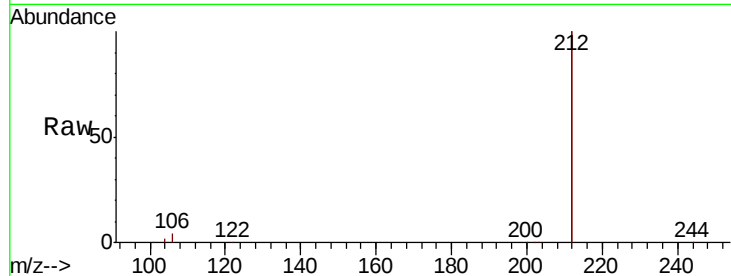
ClientSampleId :

P001-TW001-03MS

Tot Ion	Ratio	Resp	Lower	Upper
212	100	154418		
106	0.8	1.8	2.8#	
104	0.5	1.1	1.7#	

Manual Integrations
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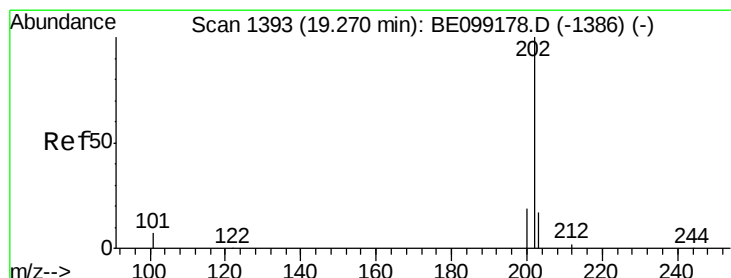
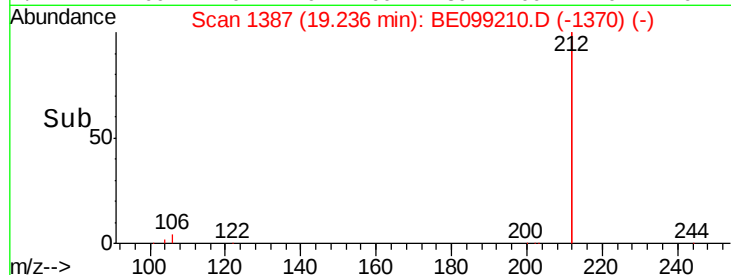
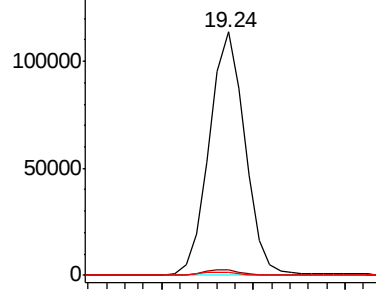


Abundance

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



#26

Fluoranthene

Concen: 0.384 ng/mL

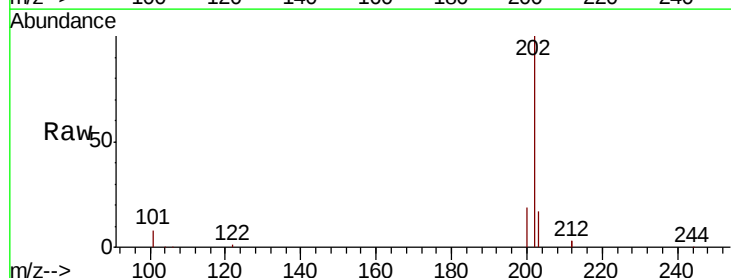
RT: 19.26 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BE099210.D

Acq: 26 Mar 2019 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	45092		
101	8.3	7.0	10.4	
203	17.2	13.8	20.6	

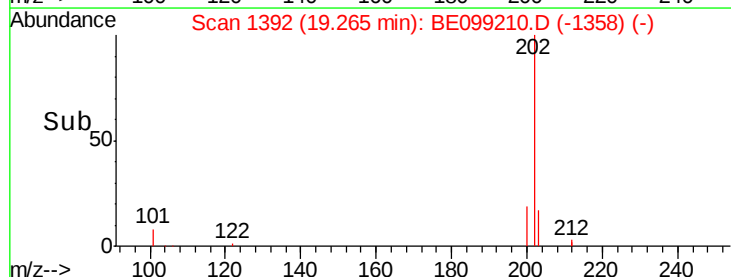
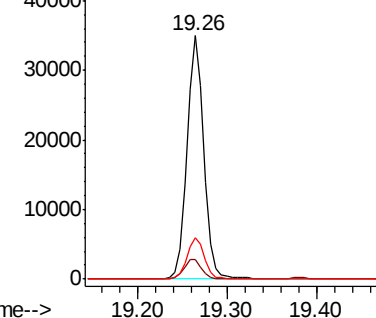


Abundance

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





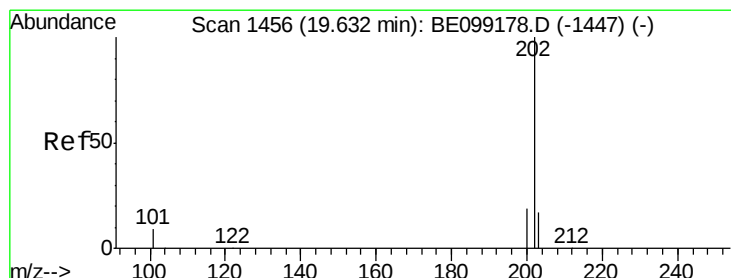
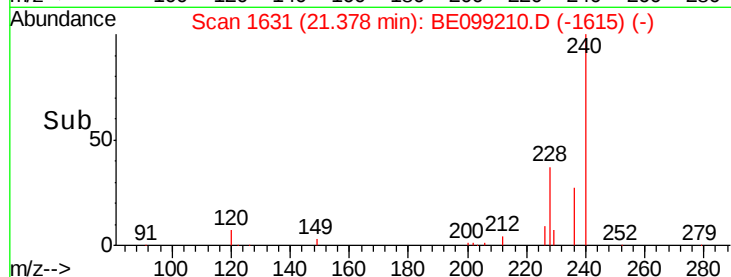
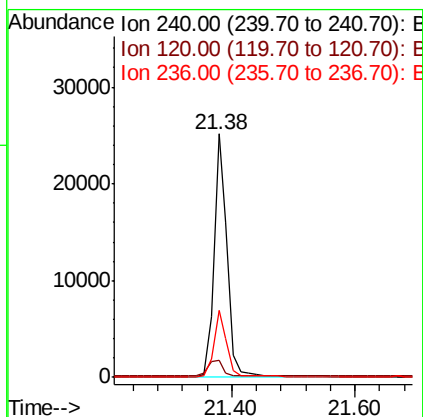
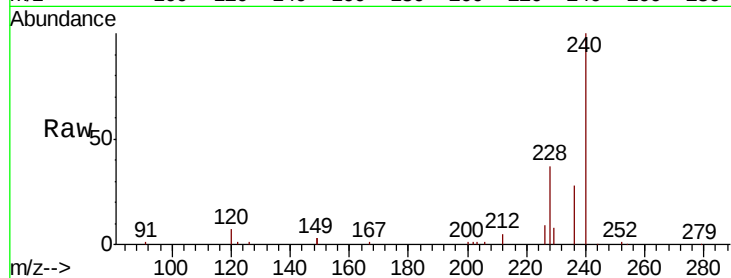
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
P001-TW001-03MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.1	2.6	3.8#
236	27.6	20.9	31.3

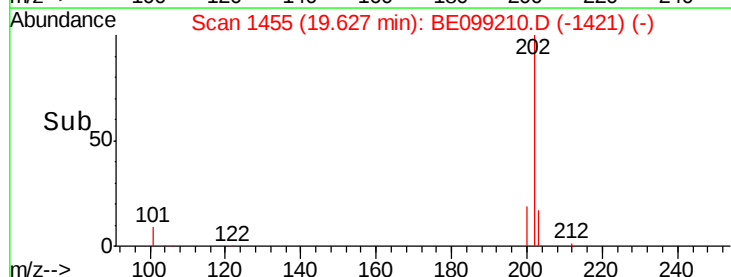
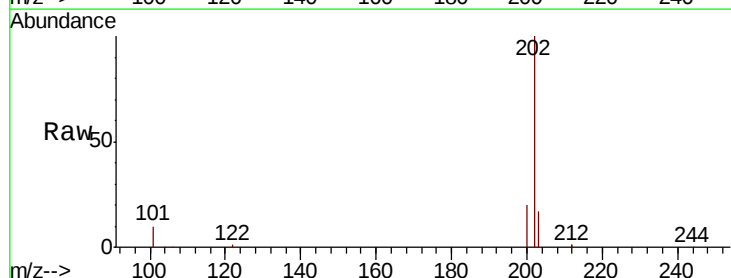
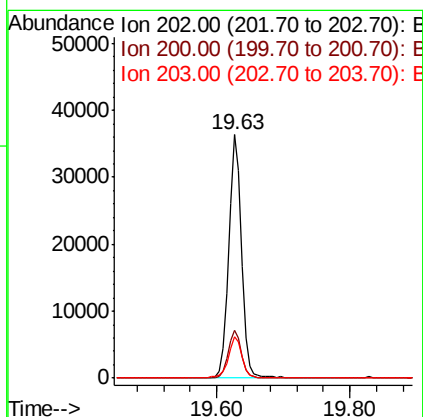
Manual Integrations
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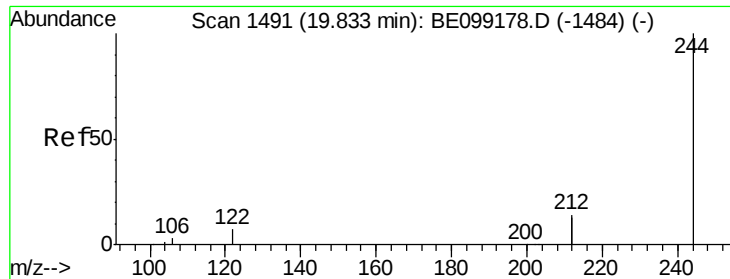
Sohil
3/28/2019 5:11:25 PM



#28
Pyrene
Concen: 0.383 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.8
203	18.0	14.1	21.1





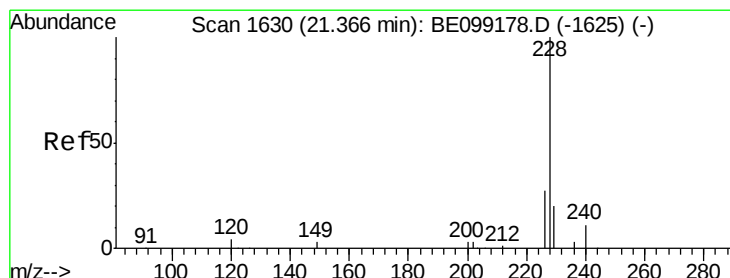
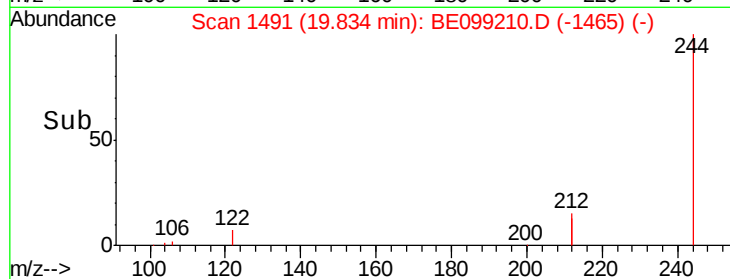
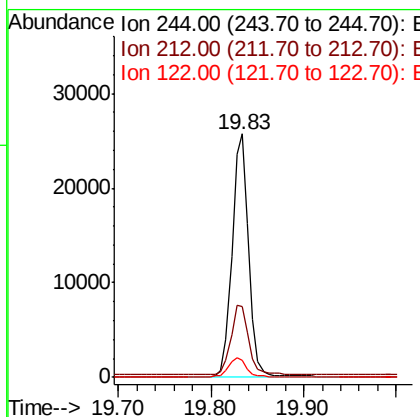
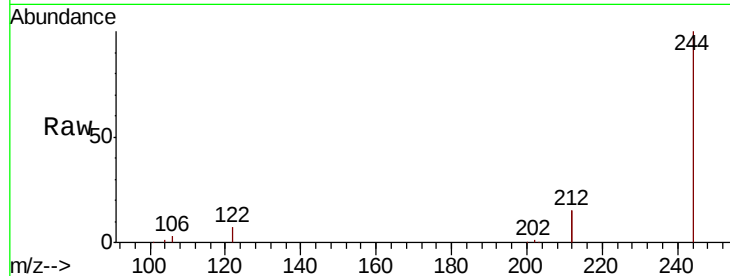
#29
 Terphenyl-d14
 Concen: 0.392 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BE099210.D
 Acq: 26 Mar 2019 11:09

Instrument :
 BNA_E
 ClientSampleId :
 P001-TW001-03MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	29.3	22.7	34.1
122	7.1	5.8	8.6

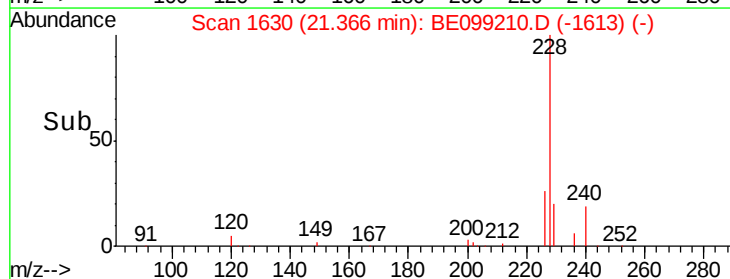
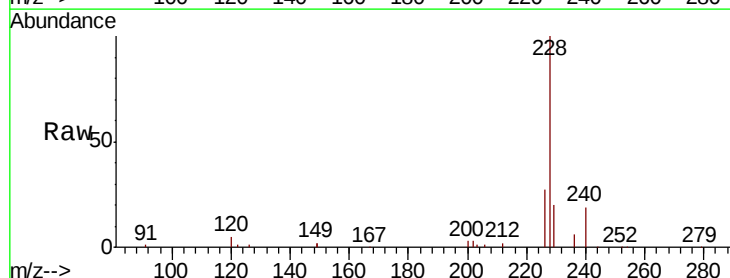
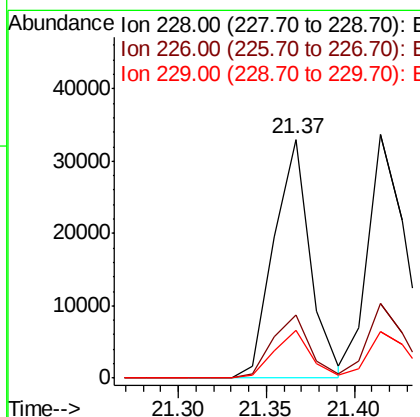
Manual Integrations
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#30
 Benzo(a)anthracene
 Concen: 0.381 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BE099210.D
 Acq: 26 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.8	15.9	23.9





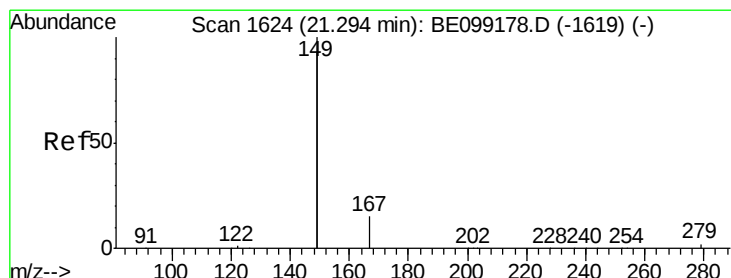
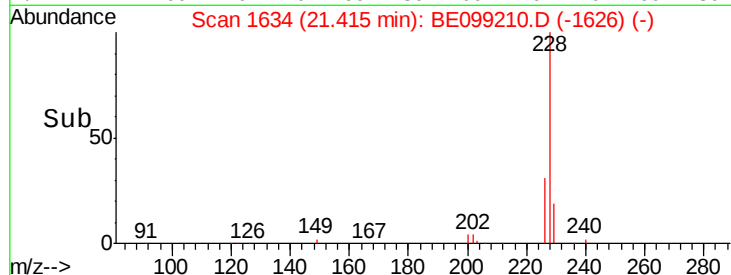
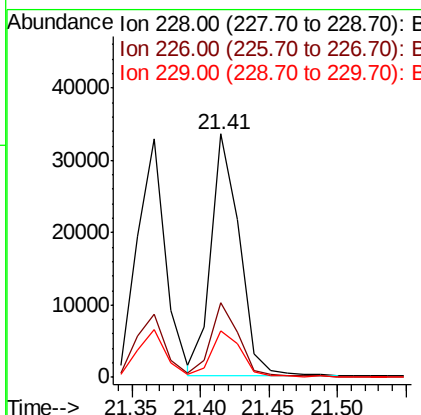
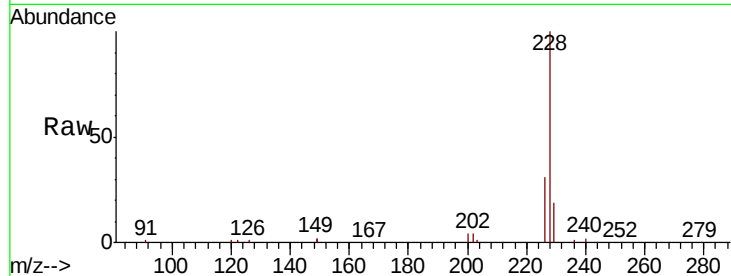
#31
 Chrysene
 Concen: 0.365 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE099210.D
 Acq: 26 Mar 2019 11:09

Instrument :
 BNA_E
 ClientSampleId :
 P001-TW001-03MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.8	37.2
229	19.3	15.4	23.0

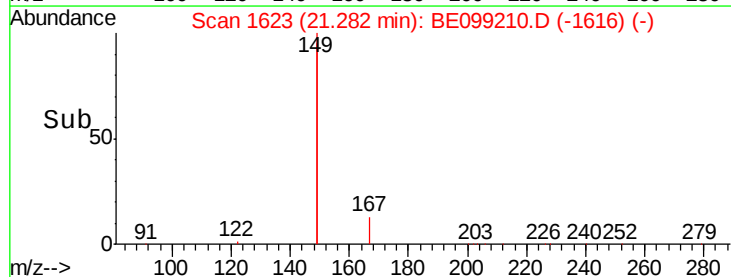
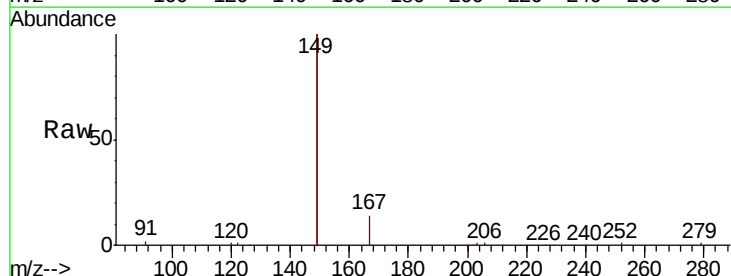
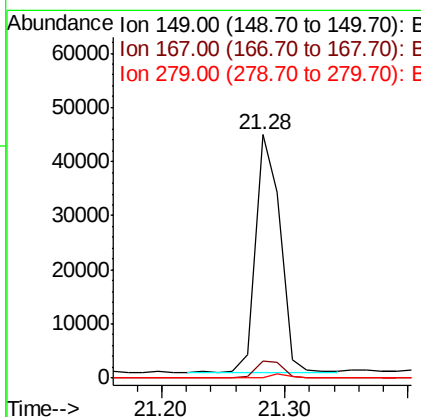
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#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.411 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BE099210.D
 Acq: 26 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	1.1	1.0	1.6





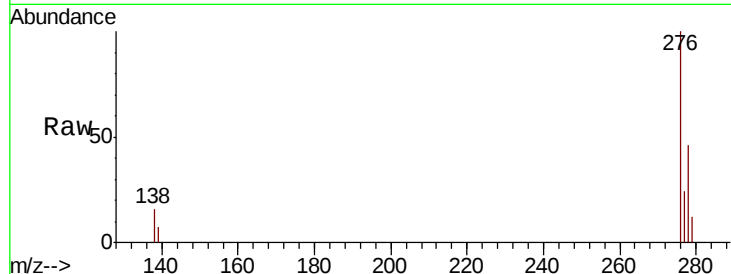
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.313 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
P001-TW001-03MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.6	12.9	19.3
277	23.8	18.3	27.5

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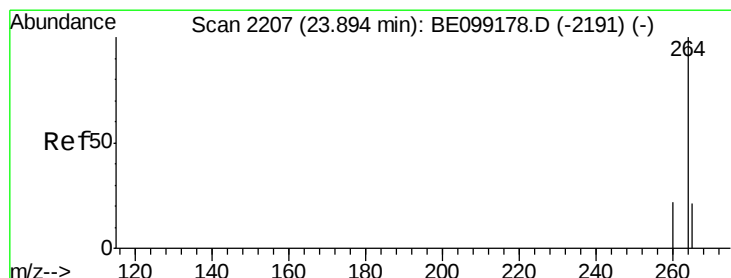
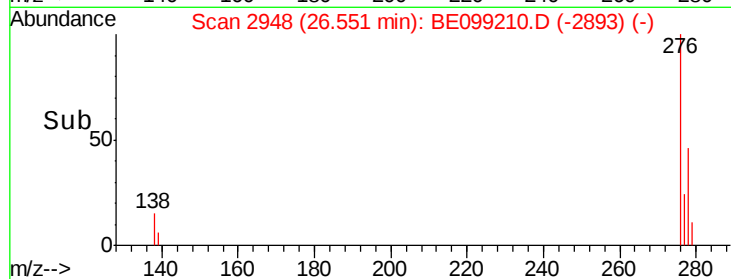
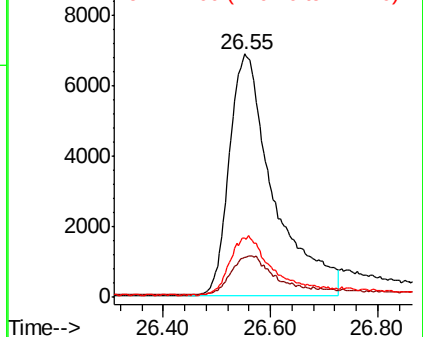


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

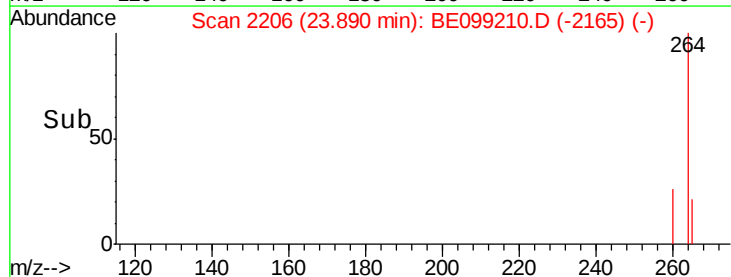
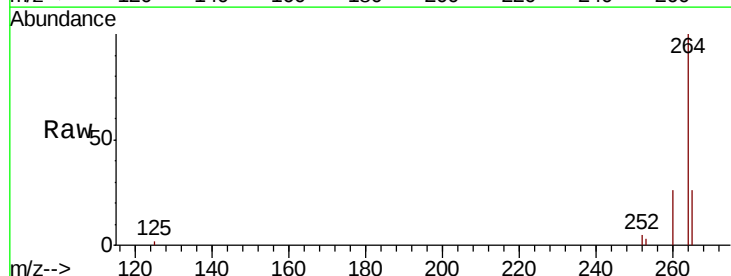
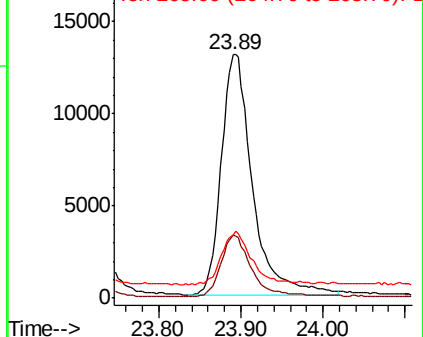
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.2	27.2
265	26.0	21.8	32.8

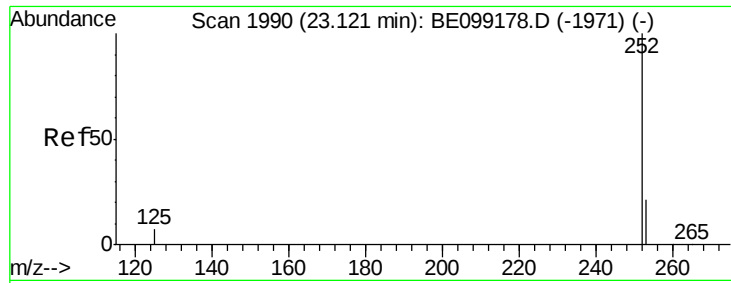
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





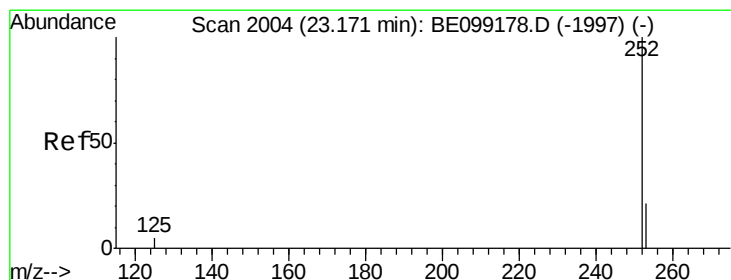
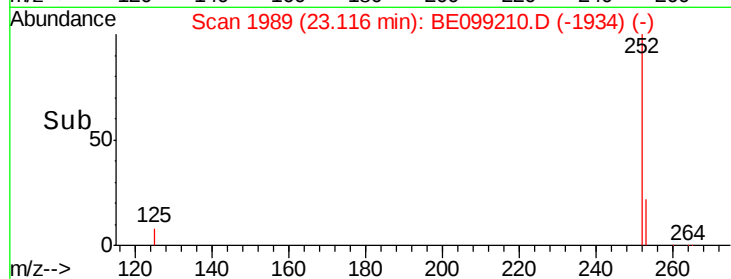
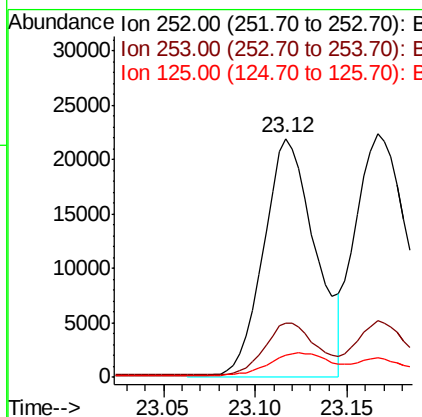
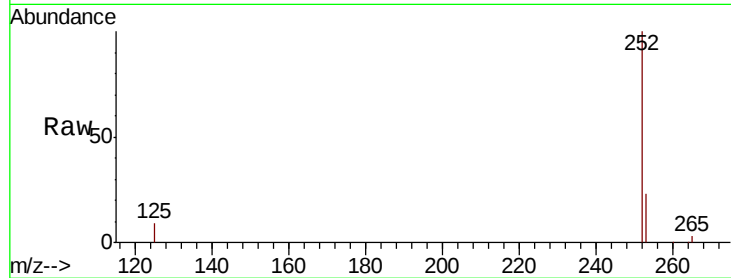
#35
Benzo(b)fluoranthene
Concen: 0.380 ng m
RT: 23.12 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
P001-TW001-03MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	9.2	6.1	9.1#

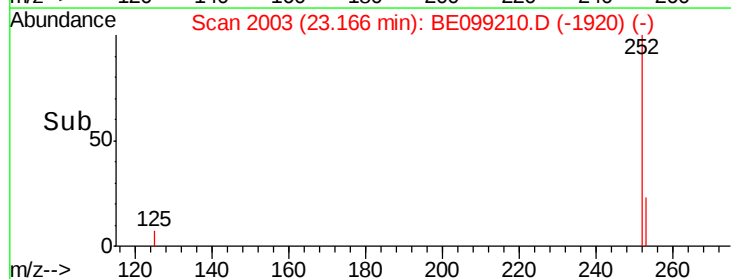
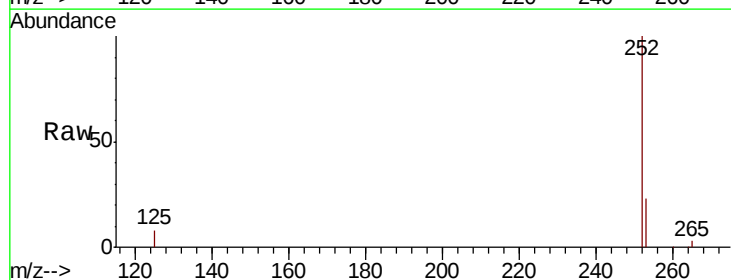
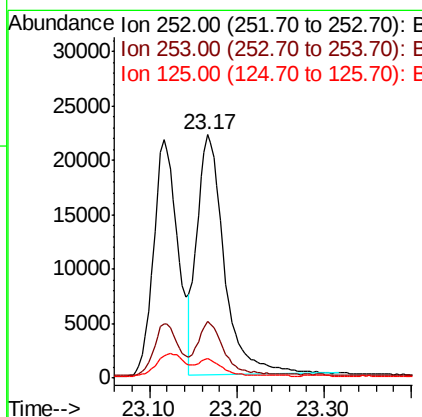
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#36
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 23.17 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	7.8	5.9	8.9





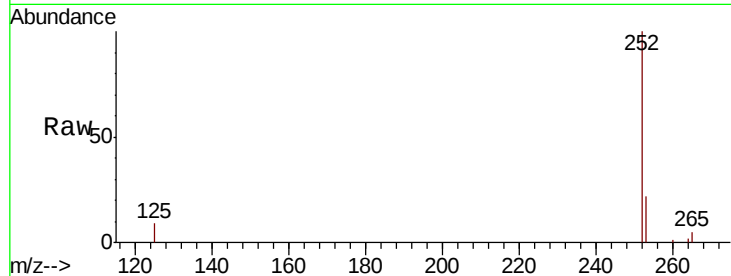
#37
Benzo(a)pyrene
Concen: 0.397 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :
P001-TW001-03MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	8.9	6.8	10.2

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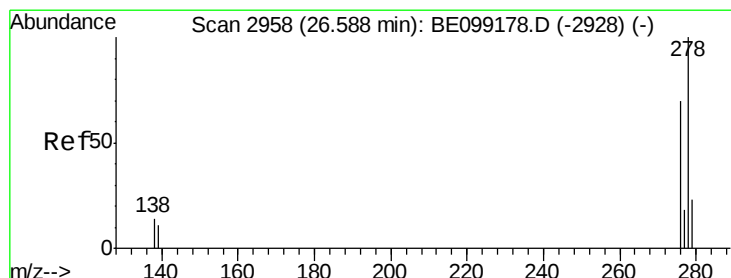
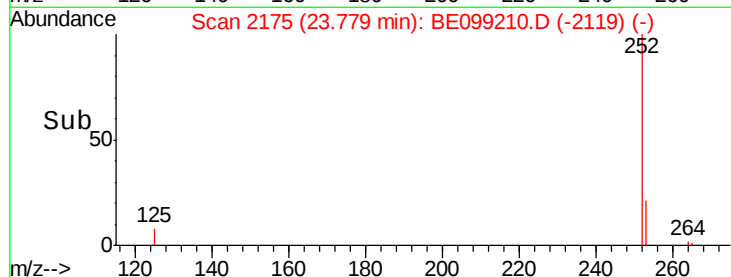
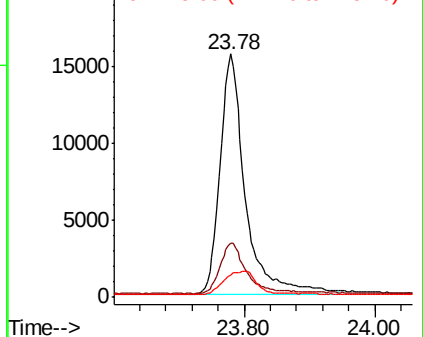


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38
Dibenzo(a,h)anthracene
Concen: 0.353 ng
RT: 26.57 min Scan# 2954
Delta R.T. -0.02 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

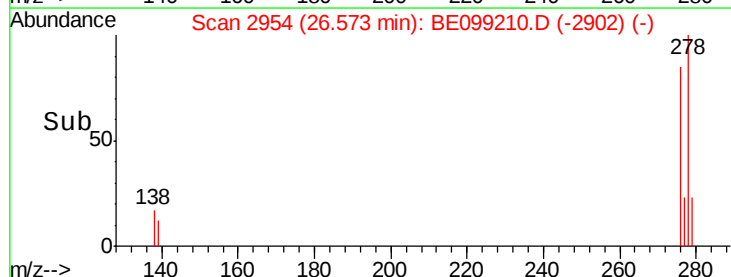
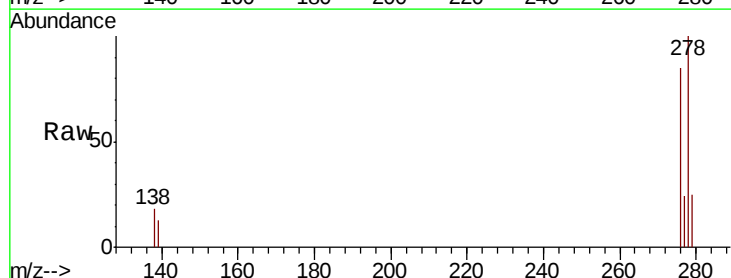
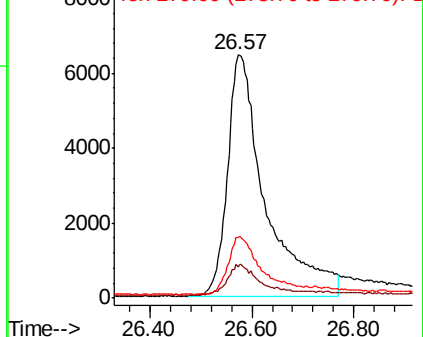
Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.9	9.5	14.3
279	24.8	19.1	28.7

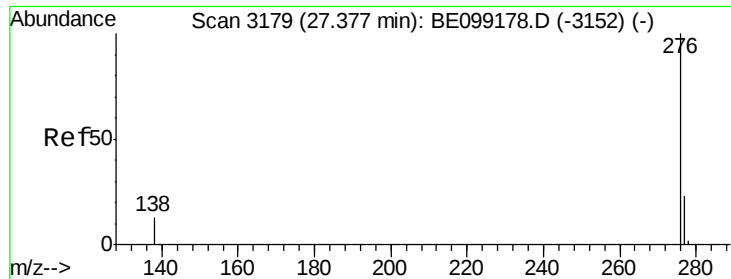
Abundance

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





#39

Benzo(a,h,i)perylene

Concen: 0.316 ng

RT: 27.37 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BE099210.D

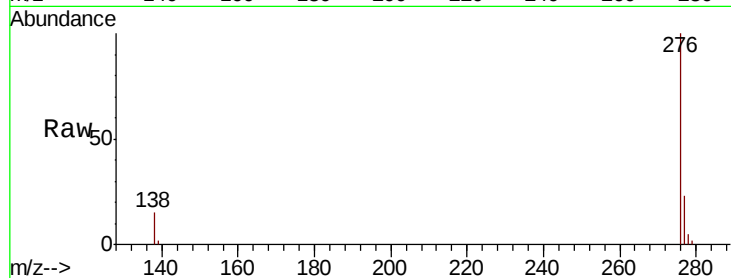
Acq: 26 Mar 2019 11:09

Instrument :

BNA_E

ClientSampleId :

P001-TW001-03MS



Tot Ion:	276	Resp:	29864
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.0	28.4
138	15.1	11.1	16.7

Manual Integrations
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