

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
 Data File : BE100031.D
 Acq On : 14 Jun 2019 19:56
 Operator : JU/SJ
 Sample : K3270-05MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-02MSD

Manual Integrations
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 6/17/2019 4:51:43 PM

Quant Time: Jun 17 07:10:29 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 10 14:57:20 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	977	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	3637	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	2607	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	8011	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	10144	0.40	ng	-0.01
34) Perylene-d12	23.92	264	11383	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	457	0.17	ng	0.00
5) Phenol-d6	6.96	99	387	0.11	ng	0.00
8) Nitrobenzene-d5	8.95	82	1310	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	12.20	152	1848m	0.29	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	653	0.34	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	4100	0.41	ng	-0.01
25) Fluoranthene-d10	19.24	212	35180	0.30	ng	-0.01
29) Terphenyl-d14	19.84	244	10540	0.58	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	323	0.223	ng	# 63
3) n-Nitrosodimethylamine	3.65	42	143m	0.172	ng	
6) bis(2-Chloroethyl)ether	7.22	93	869	0.313	ng	# 94
9) Naphthalene	10.64	128	14119	0.360	ng	99
10) Hexachlorobutadiene	10.91	225	970	0.324	ng	99
12) 2-Methylnaphthalene	12.27	142	2276	0.357	ng	98
16) Acenaphthylene	14.18	152	4506	0.347	ng	98
17) Acenaphthene	14.53	154	2429	0.344	ng	100
18) Fluorene	15.50	166	3587	0.338	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1617	0.356	ng	98
21) Hexachlorobenzene	16.50	284	1614	0.348	ng	98
22) Pentachlorophenol	16.87	266	1512	0.977	ng	# 83
23) Phenanthrene	17.25	178	6685	0.344	ng	99
24) Anthracene	17.35	178	6162	0.346	ng	98
26) Fluoranthene	19.27	202	10423	0.315	ng	98
28) Pyrene	19.63	202	10927	0.410	ng	99
30) Benzo(a)anthracene	21.38	228	11907	0.393	ng	98
31) Chrysene	21.43	228	12125	0.387	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	19269	0.443	ng	99
33) Indeno(1,2,3-cd)pyrene	26.60	276	13198	0.355	ng	98
35) Benzo(b)fluoranthene	23.14	252	11345m	0.356	ng	
36) Benzo(k)fluoranthene	23.19	252	12287	0.368	ng	97
37) Benzo(a)pyrene	23.81	252	11682	0.372	ng	# 91
38) Dibenzo(a,h)anthracene	26.63	278	9904	0.313	ng	# 96
39) Benzo(g,h,i)perylene	27.42	276	11197	0.342	ng	97

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

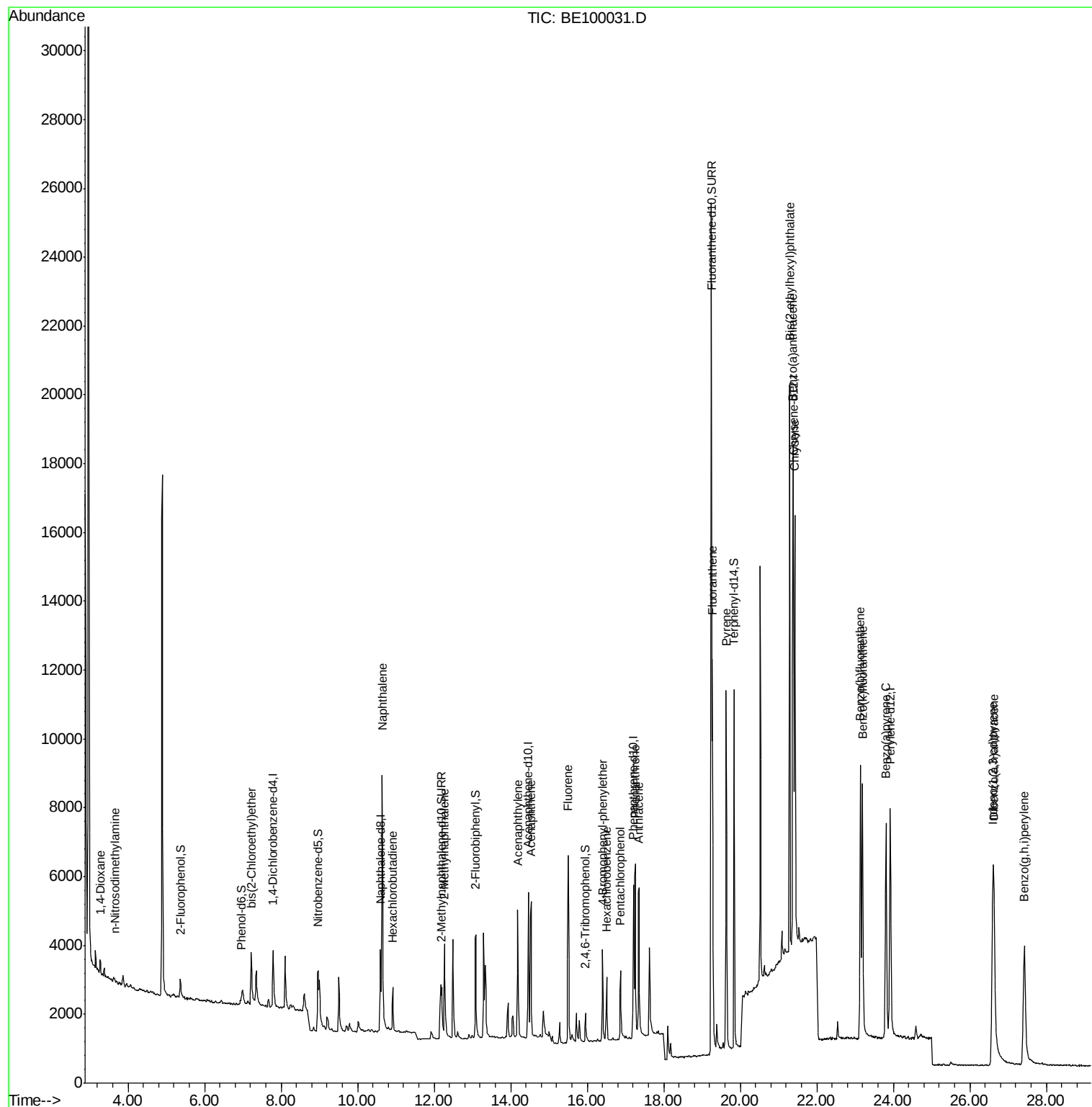
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
Data File : BE100031.D
Acq On : 14 Jun 2019 19:56
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Instrument :
BNA_E
ClientSampleId :
GW-02MSD

Quant Time: Jun 17 07:10:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
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#1

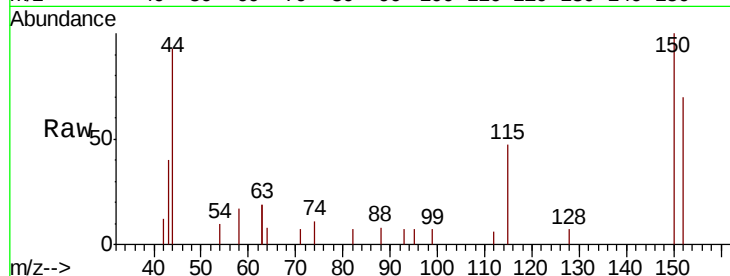
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE100031.D
Acq: 14 Jun 2019 19:56

Instrument :
BNA_E
ClientSampled :
GW-02MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.7	111.0	166.6
115	68.1	50.7	76.1

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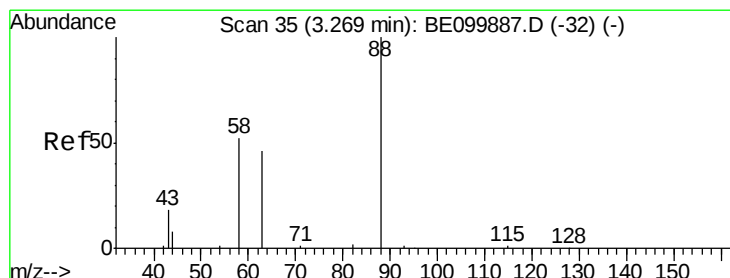
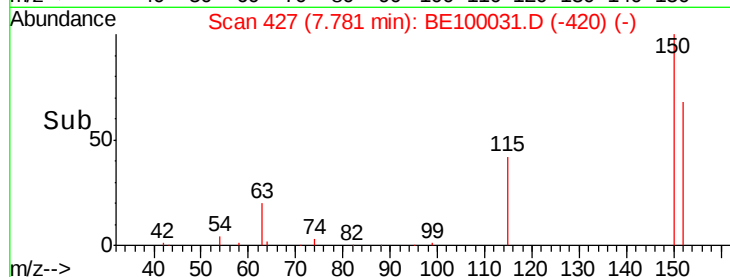
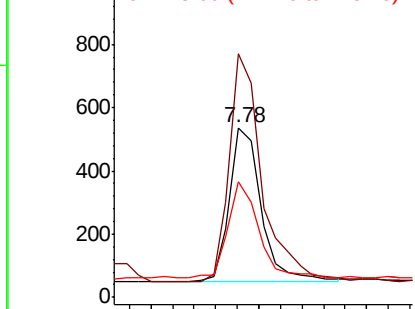


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

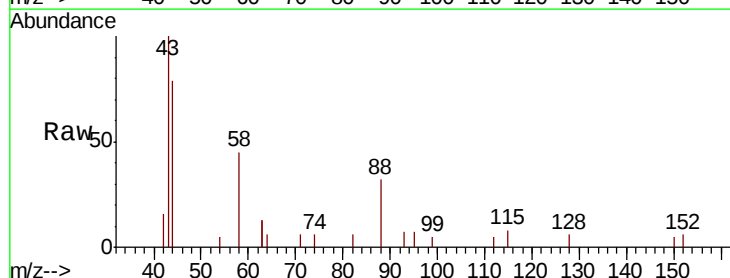
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.223 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE100031.D
Acq: 14 Jun 2019 19:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.2	48.8	73.2
43	87.3	19.0	28.6

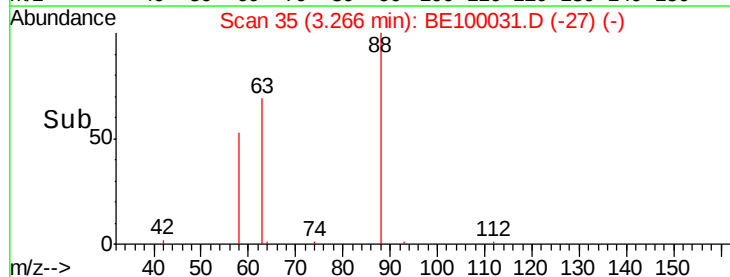
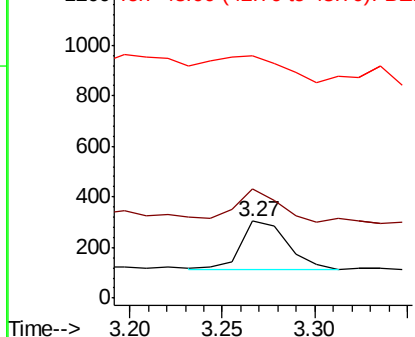


Abundance

Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.172 ng/ml

RT: 3.65 min Scan# 68

Delta R.T. 0.04 min

Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

Instrument :

BNA_E

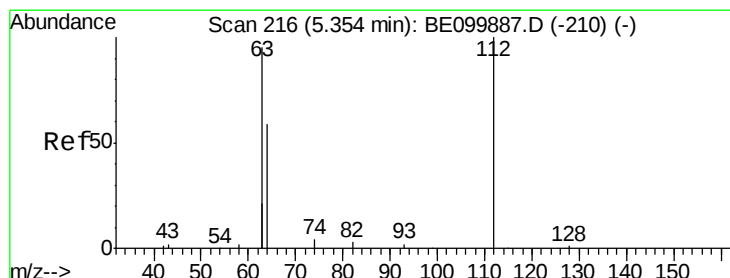
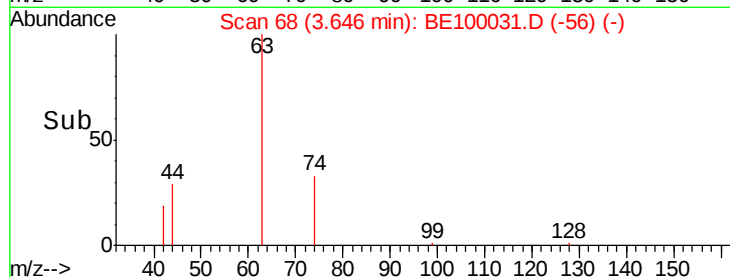
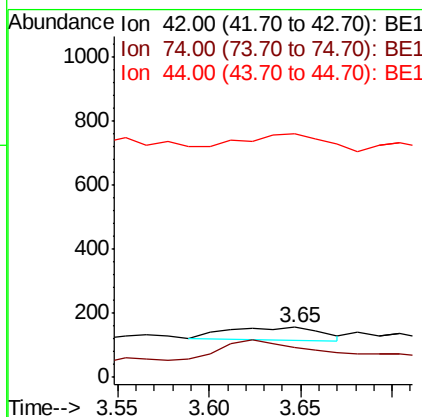
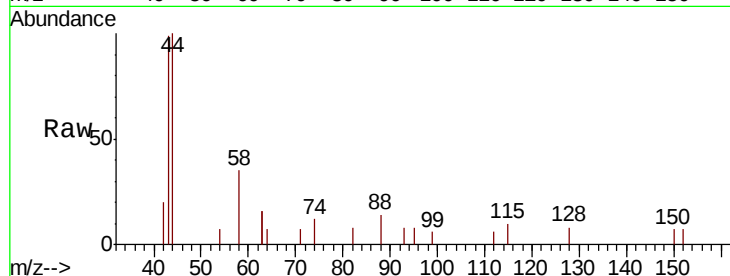
ClientSampleID :

GW-02MSD

Tot Ion:	42	Resp:	143
Ion	Ratio	Lower	Upper
42	100		
74	109.1	0.0	0.0#
44	0.0	0.0	0.0

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#4

2-Fluorophenol

Concen: 0.173 ng/ml

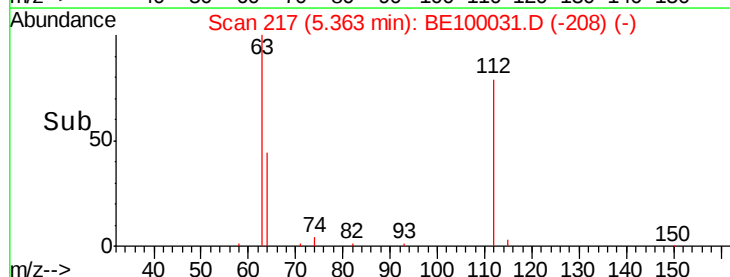
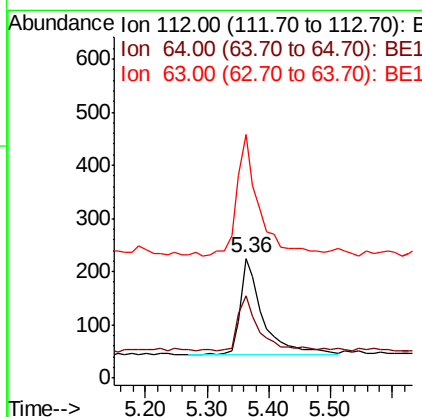
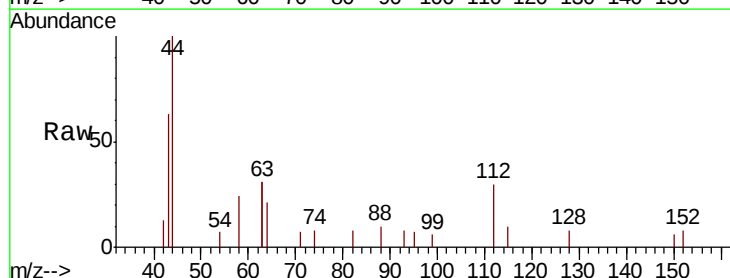
RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

Tgt Ion:	112	Resp:	457
Ion	Ratio	Lower	Upper
112	100		
64	51.6	44.1	66.1
63	124.3	87.8	131.6





#5

Phenol-d6

Concen: 0.114 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

Instrument :

BNA_E

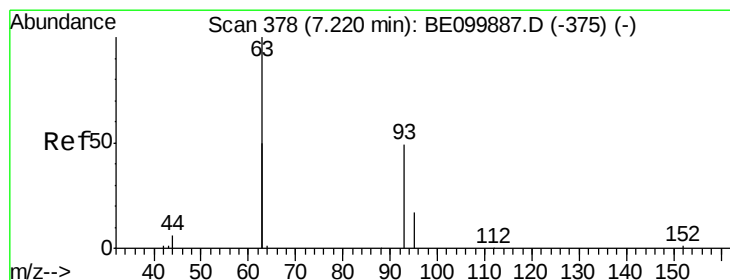
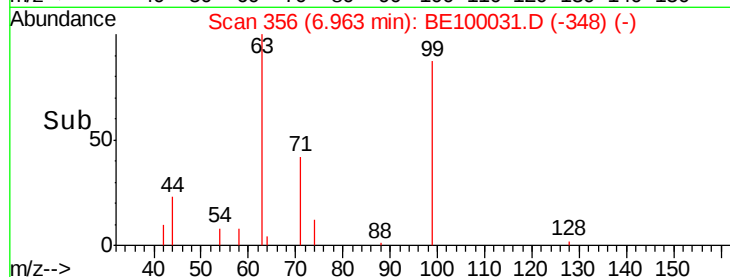
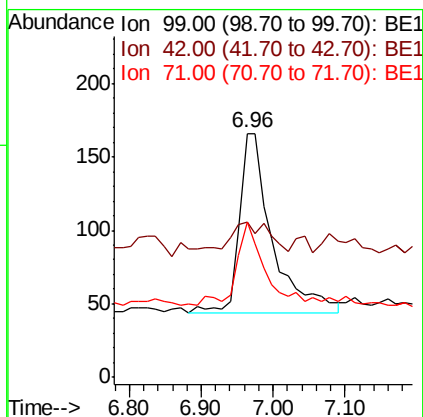
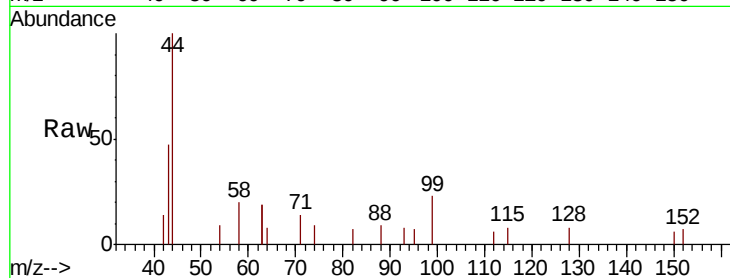
ClientSampleId :

GW-02MSD

Tot Ion:	99	Resp:	387
Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.9	23.9
71	40.8	34.6	52.0

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#6

bis(2-Chloroethyl)ether

Concen: 0.313 ng

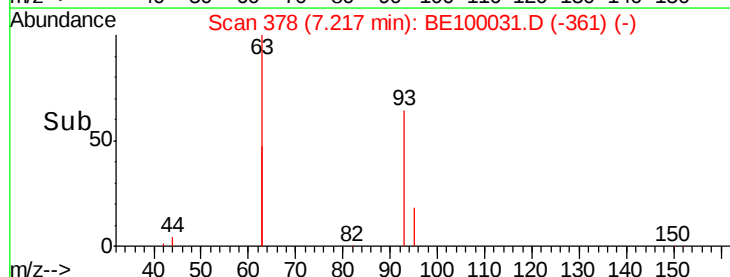
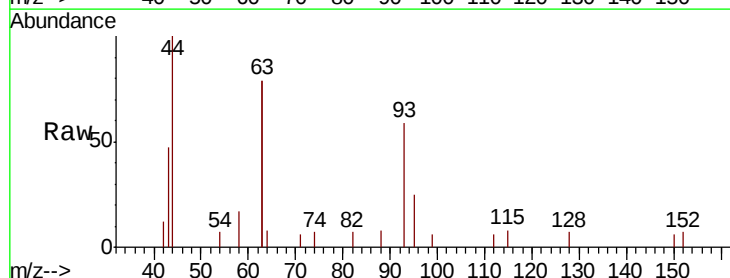
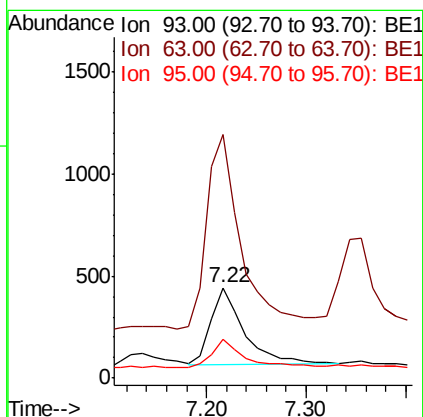
RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

Tgt Ion:	93	Resp:	869
Ion	Ratio	Lower	Upper
93	100		
63	262.6	202.8	304.2
95	35.7	23.7	35.5#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

Instrument :

BNA_E

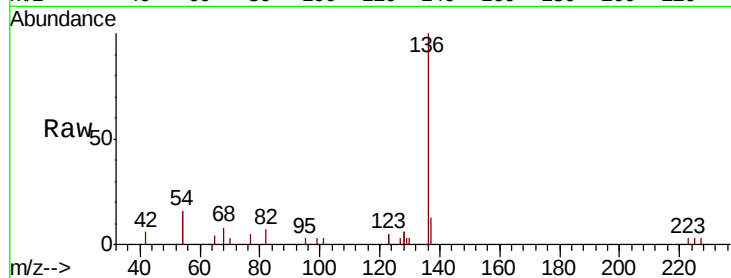
ClientSampleId :

GW-02MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	13.2	12.3	18.5
54	32.8	28.2	42.4
68	7.9	7.8	11.8

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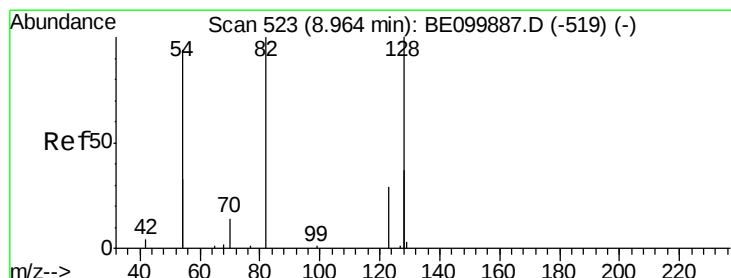
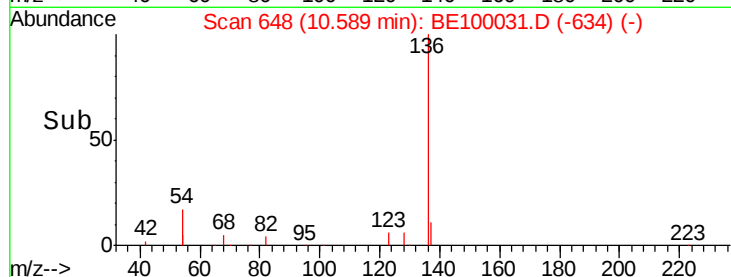
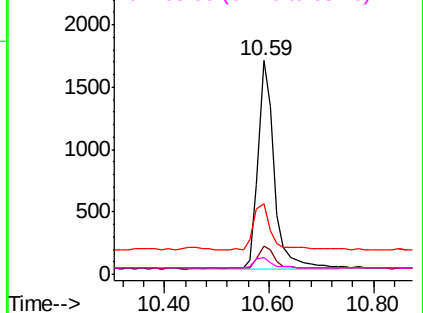


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.380 ng

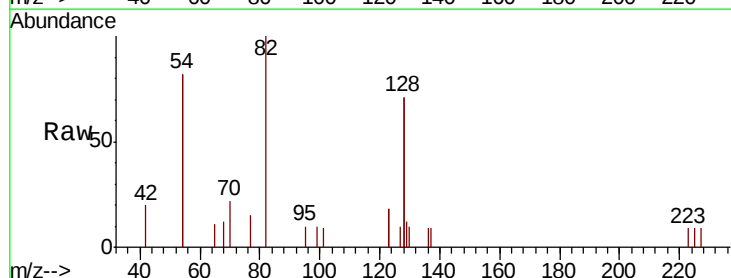
RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

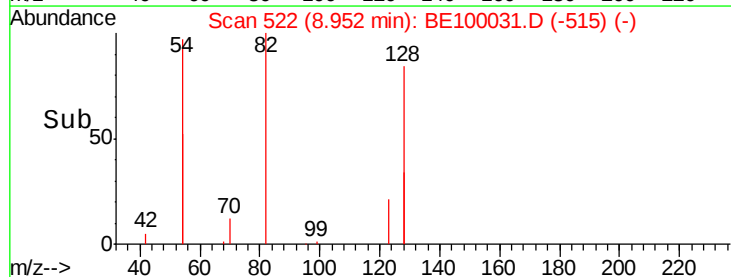
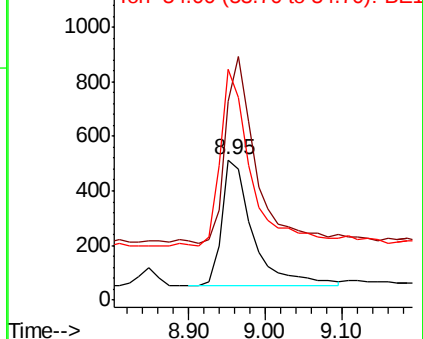
Tgt Ion	Ratio	Lower	Upper
82	100		
128	142.3	137.3	205.9
54	164.5	129.7	194.5



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.360 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

Instrument :

BNA_E

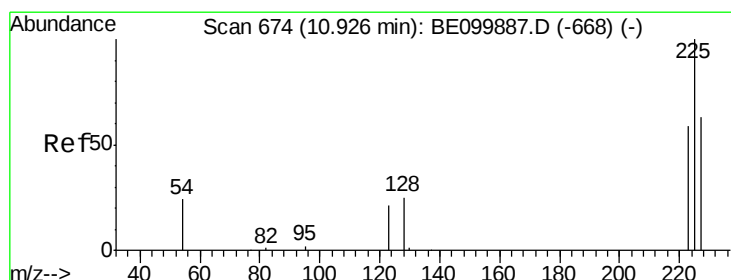
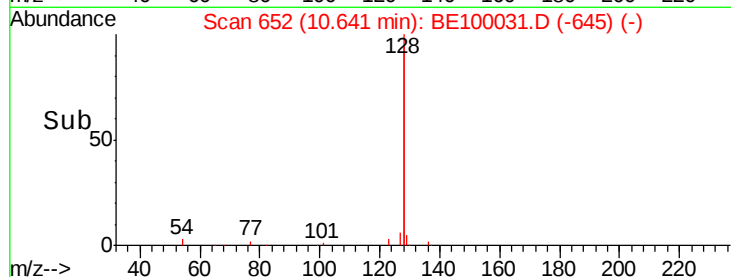
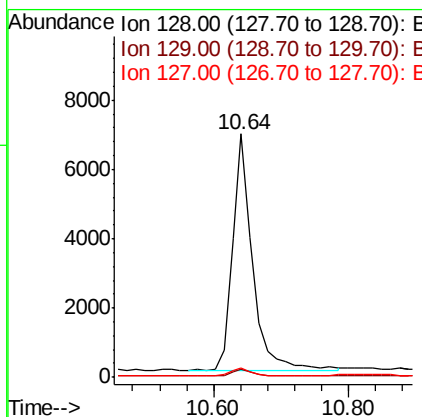
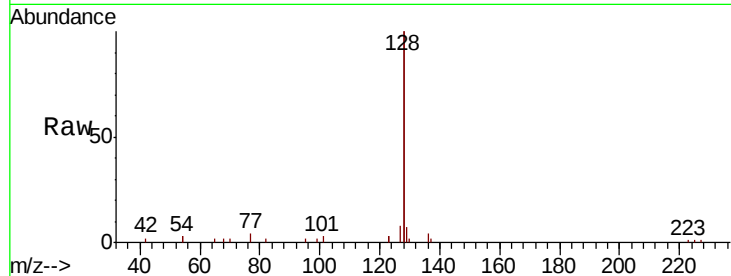
ClientSampleId :

GW-02MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	3.3	3.0	4.6
127	3.8	3.4	5.0

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#10

Hexachlorobutadiene

Concen: 0.324 ng

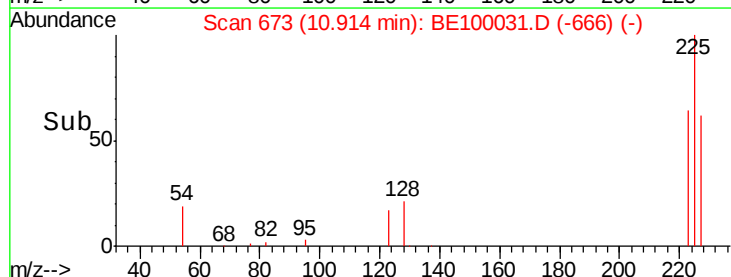
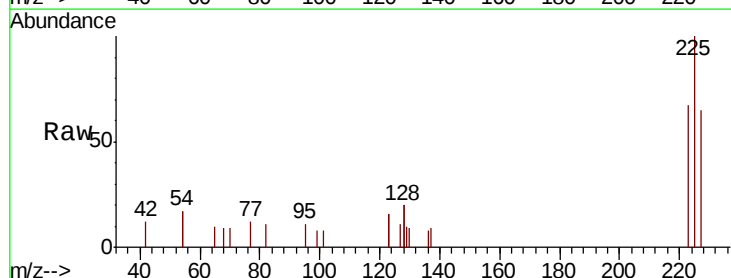
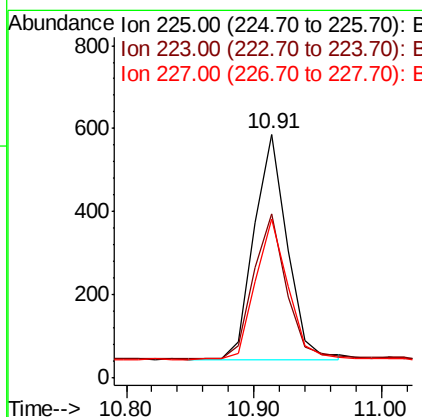
RT: 10.91 min Scan# 673

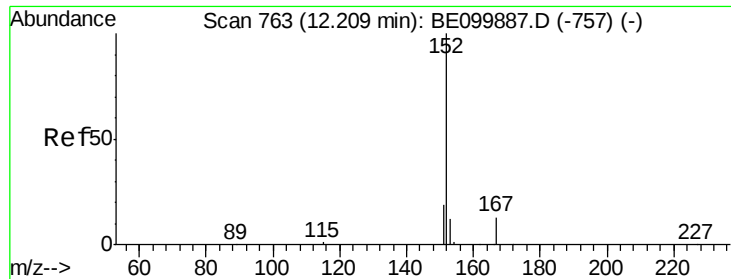
Delta R.T. -0.01 min

Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.6	77.4
227	62.4	50.6	76.0





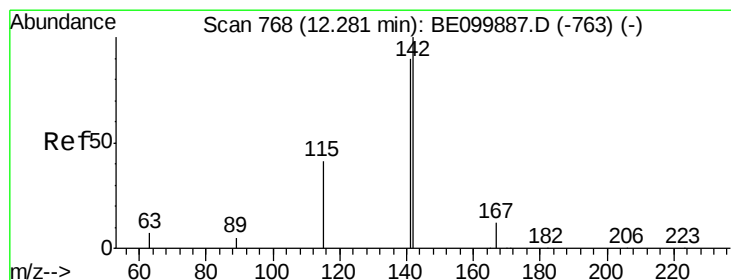
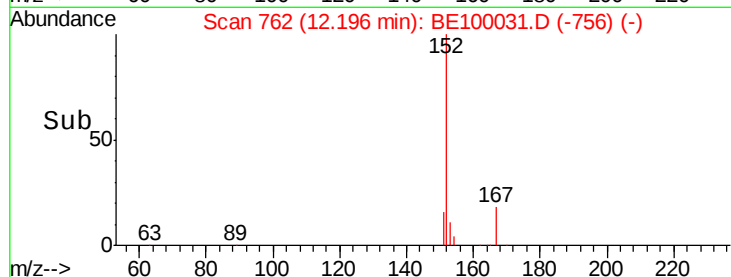
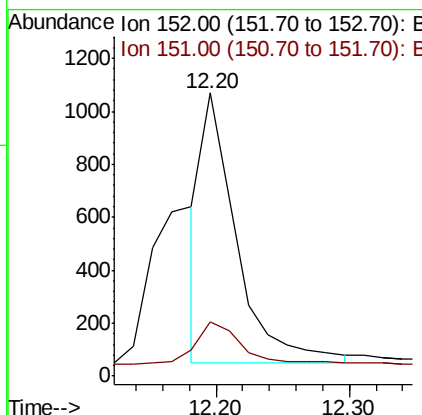
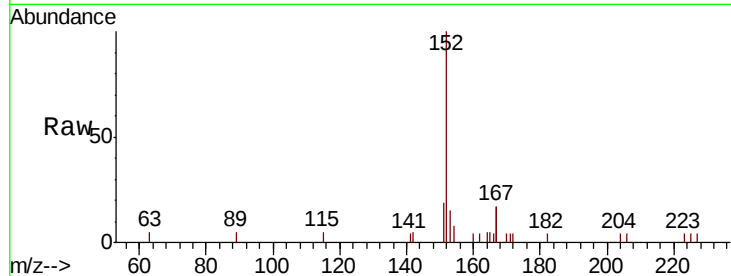
#11
2-Methylnaphthalene-d10
Concen: 0.291 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE100031.D
Acq: 14 Jun 2019 19:56

Instrument :
BNA_E
ClientSampleId :
GW-02MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.2	22.8

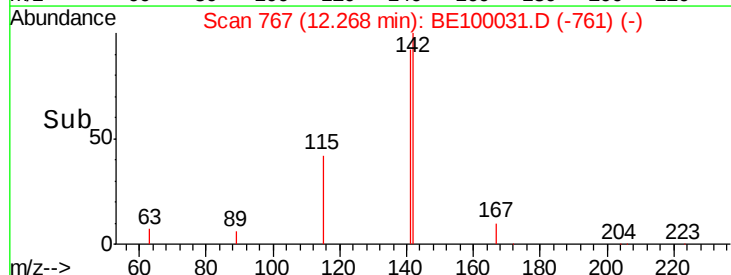
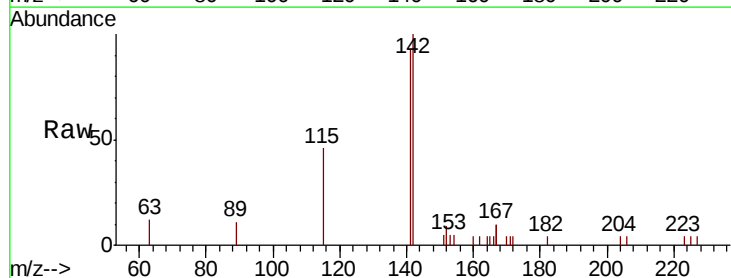
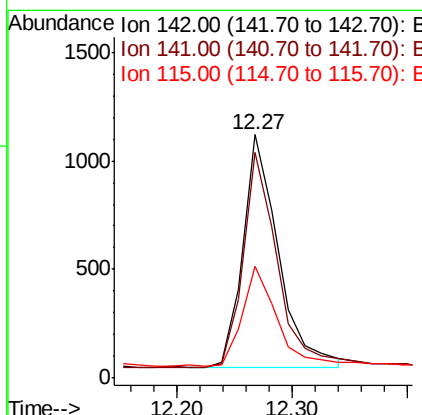
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#12
2-Methylnaphthalene
Concen: 0.357 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.01 min
Lab File: BE100031.D
Acq: 14 Jun 2019 19:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.3	108.5
115	45.7	36.4	54.6





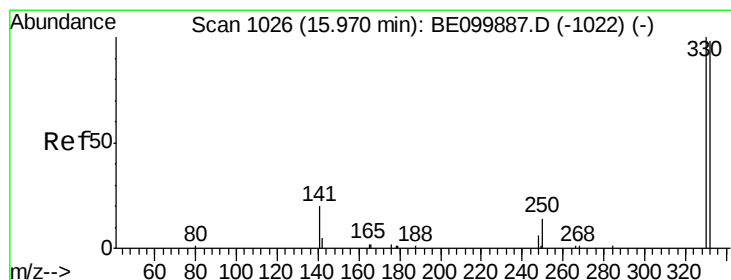
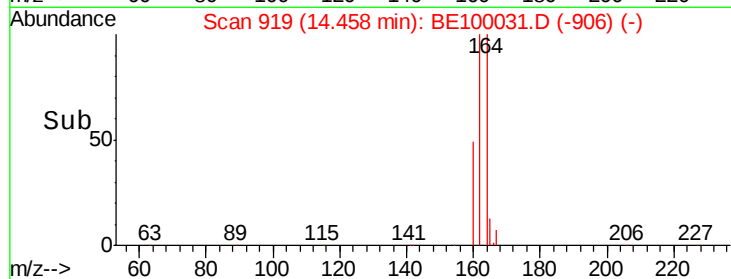
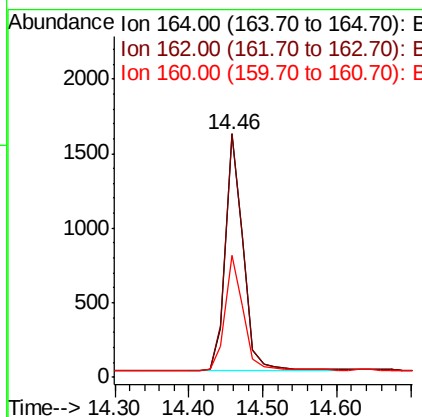
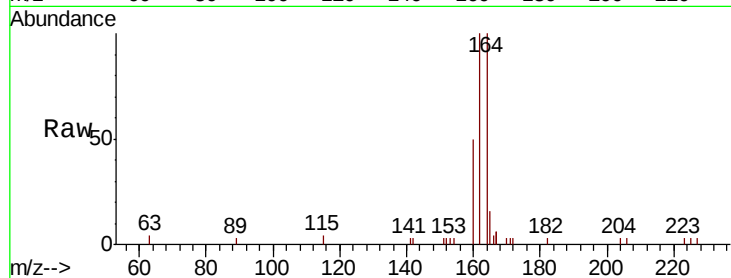
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.01 min
Lab File: BE100031.D
Acq: 14 Jun 2019 19:56

Instrument :
BNA_E
ClientSampleId :
GW-02MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	77.8	116.8
160	50.4	38.2	57.4

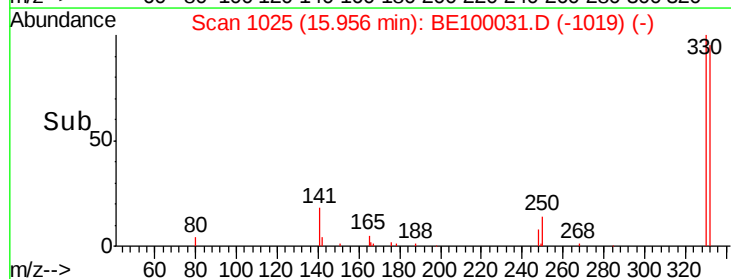
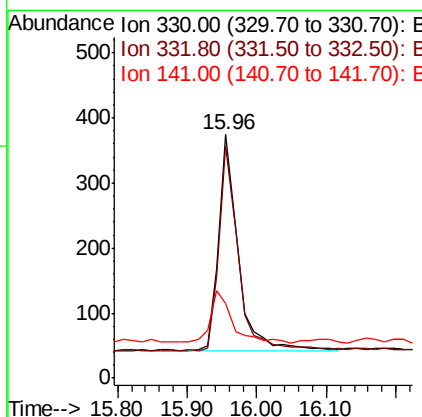
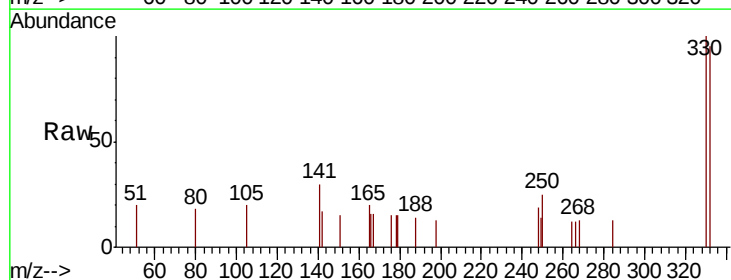
Manual Integrations
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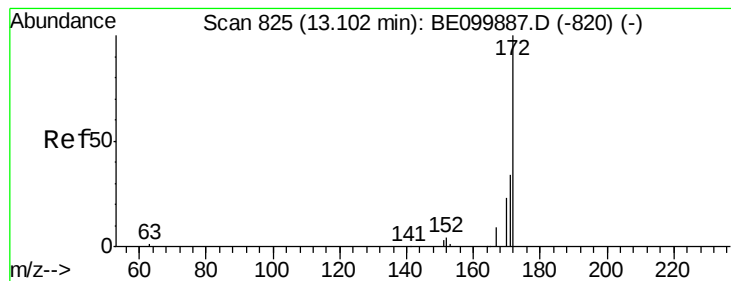
mohammad
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#14
2,4,6-Tribromophenol
Concen: 0.339 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE100031.D
Acq: 14 Jun 2019 19:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.3	76.7	115.1
141	26.6	21.0	31.6





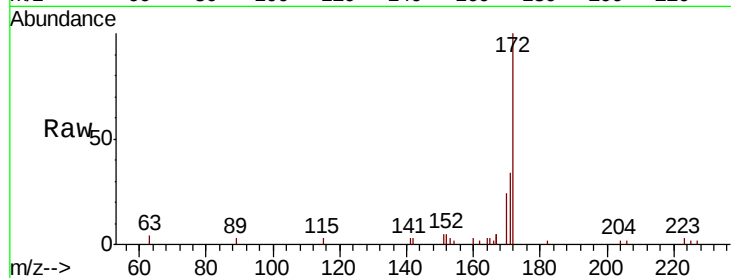
#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100031.D
Acq: 14 Jun 2019 19:56

Instrument :
BNA_E
ClientSampleId :
GW-02MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.2	43.8
170	23.9	21.2	31.8

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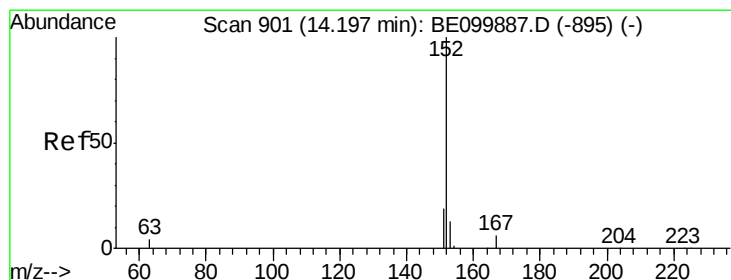
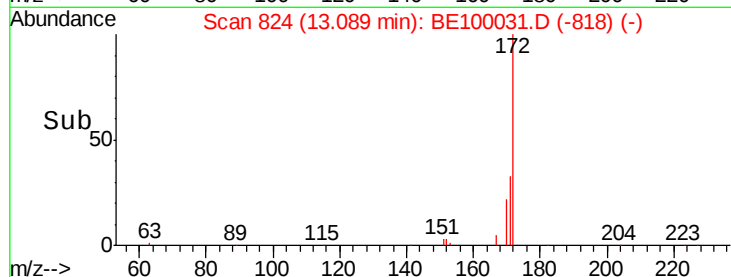
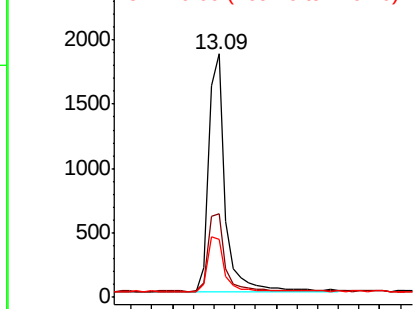


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.347 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE100031.D
Acq: 14 Jun 2019 19:56

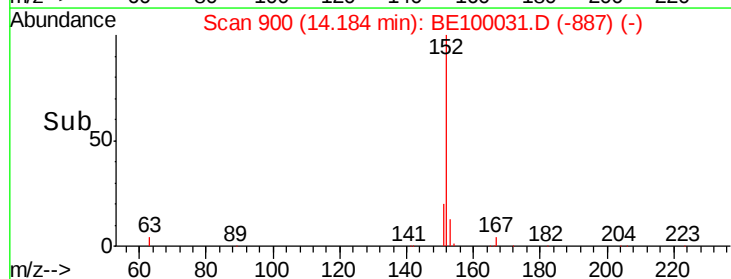
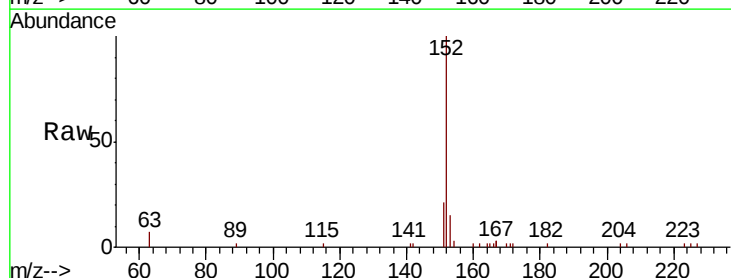
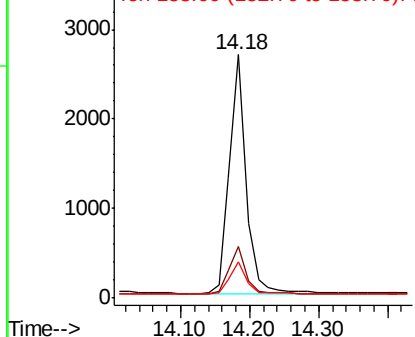
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.5	23.3
153	13.5	10.2	15.2

Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





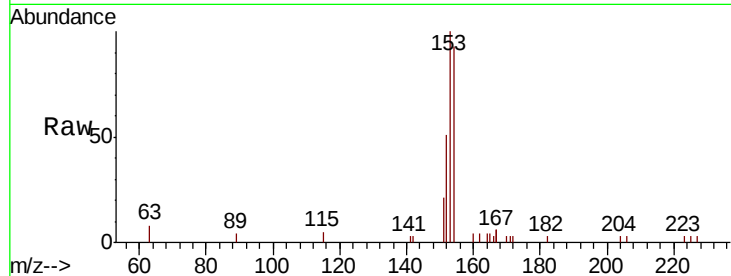
#17
Acenaphthene
Concen: 0.344 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE100031.D
Acq: 14 Jun 2019 19:56

Instrument :
BNA_E
ClientSampleId :
GW-02MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.1	93.1	139.7
152	58.5	47.0	70.4

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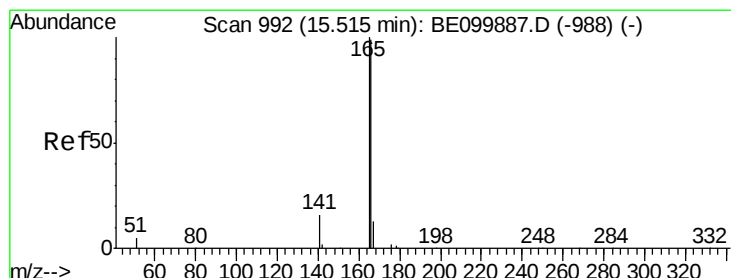
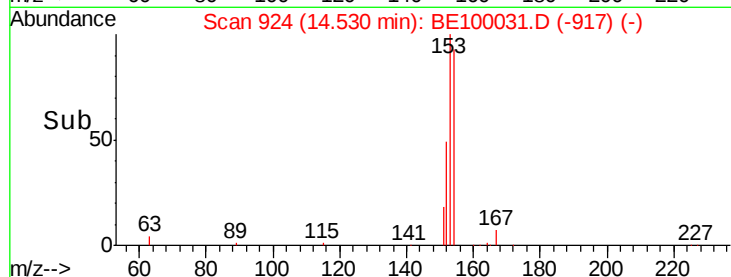
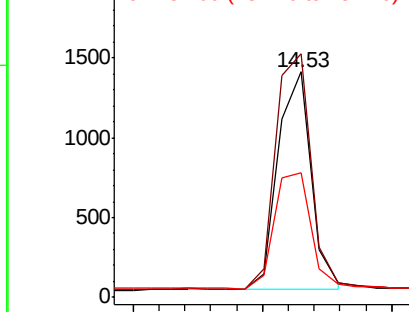


Abundance

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: 0.338 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE100031.D
Acq: 14 Jun 2019 19:56

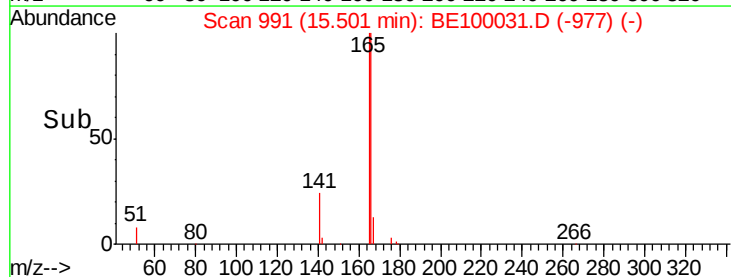
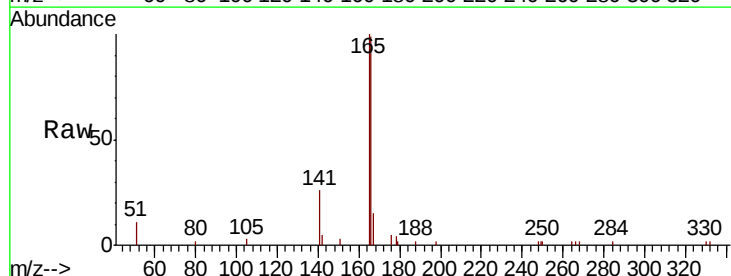
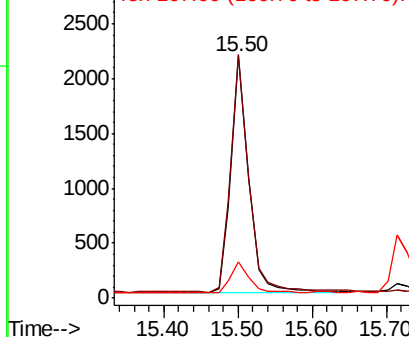
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.9	81.8	122.8
167	13.3	11.2	16.8

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

RT: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

Instrument :

BNA_E

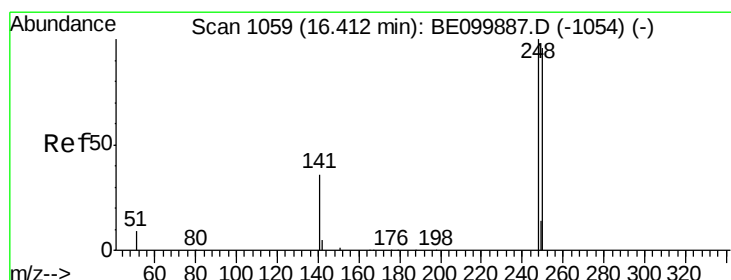
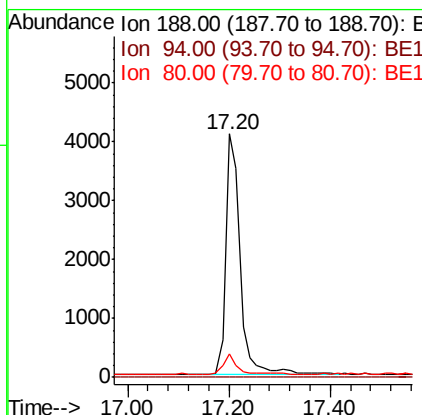
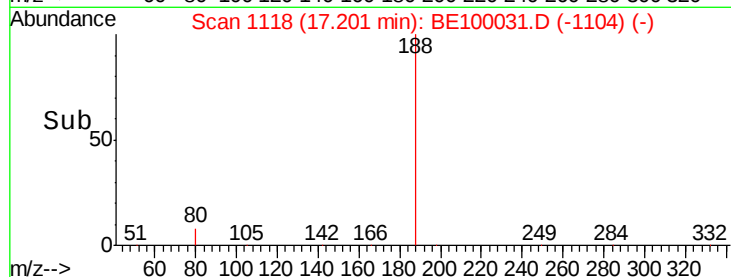
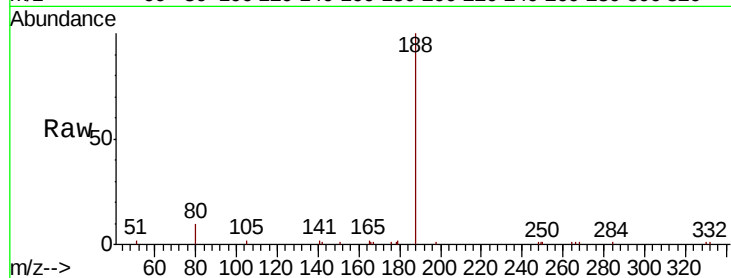
ClientSampleId :

GW-02MSD

Tot Ion:	188	Resp:	8011
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.8	6.4	9.6#

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#20

4-Bromophenyl-phenylether

Concen: 0.356 ng

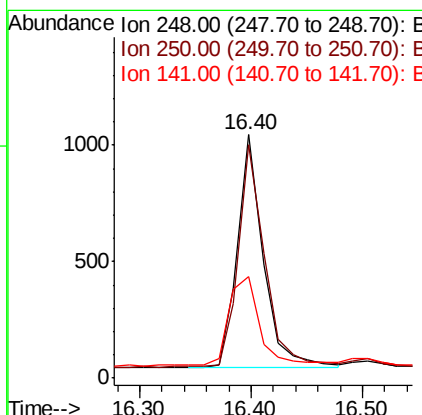
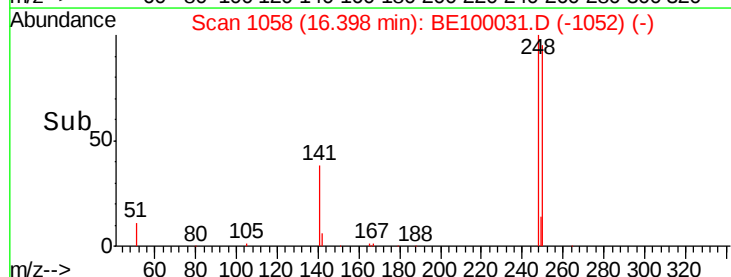
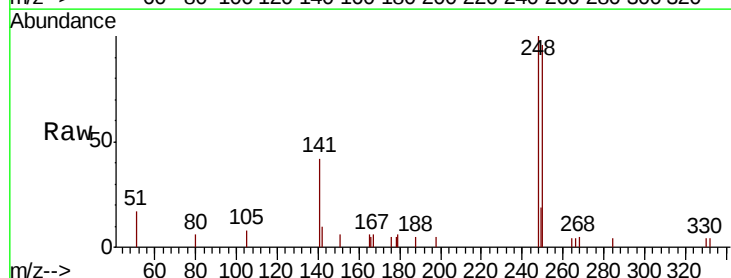
RT: 16.40 min Scan# 1058

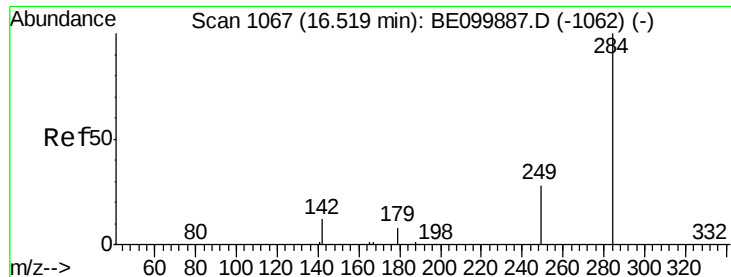
Delta R.T. -0.01 min

Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

Tgt Ion:	248	Resp:	1617
Ion Ratio	Lower	Upper	
248	100		
250	95.7	77.5	116.3
141	41.6	31.8	47.8





#21

Hexachlorobenzene

Concen: 0.348 ng

RT: 16.50 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

Instrument :

BNA_E

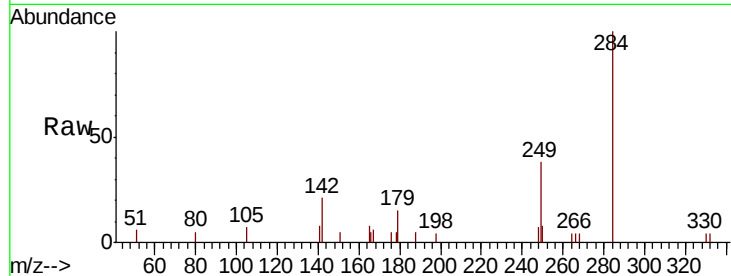
ClientSampleId :

GW-02MSD

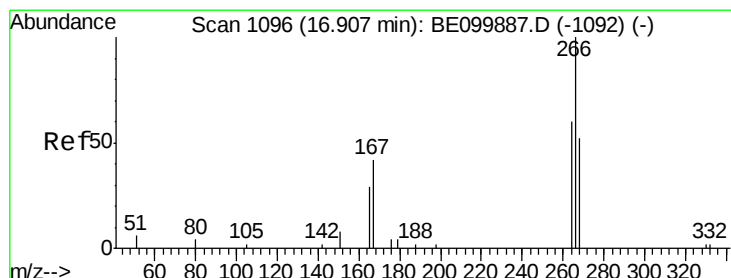
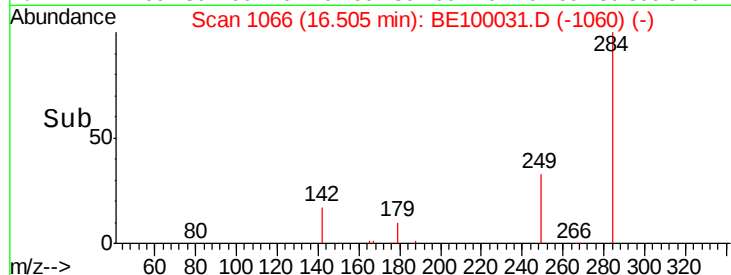
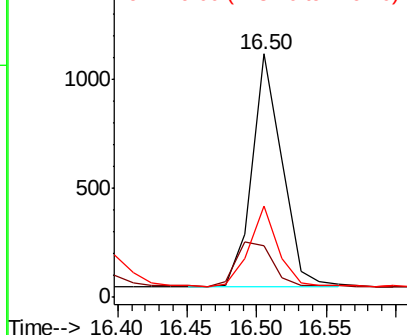
Tot Ion:	284	Resp:	1614
Ion Ratio		Lower	Upper
284	100		
142	22.5	18.2	27.4
249	32.5	24.6	37.0

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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: 0.977 ng

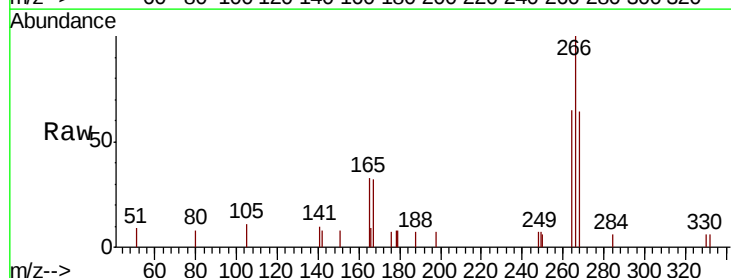
RT: 16.87 min Scan# 1093

Delta R.T. -0.04 min

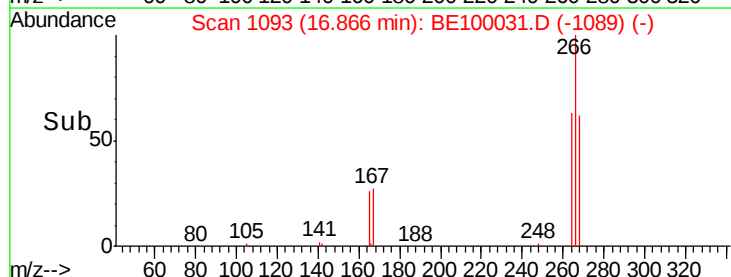
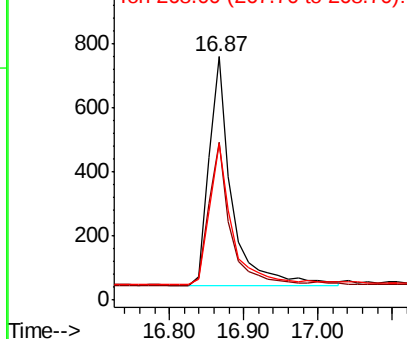
Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

Tgt Ion:	266	Resp:	1512
Ion Ratio		Lower	Upper
266	100		
264	64.9	62.2	93.2
268	64.3	65.5	98.3#



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: 0.344 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

Instrument :

BNA_E

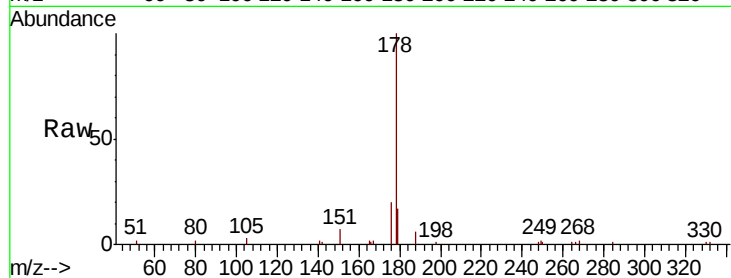
ClientSampleId :

GW-02MSD

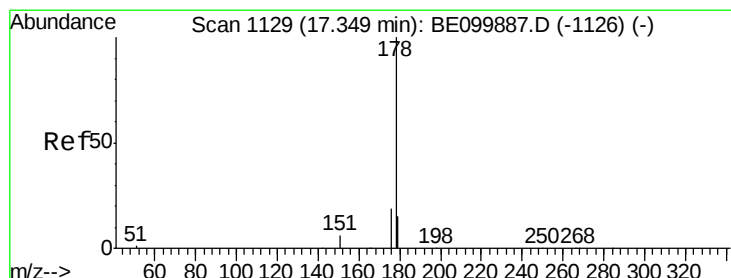
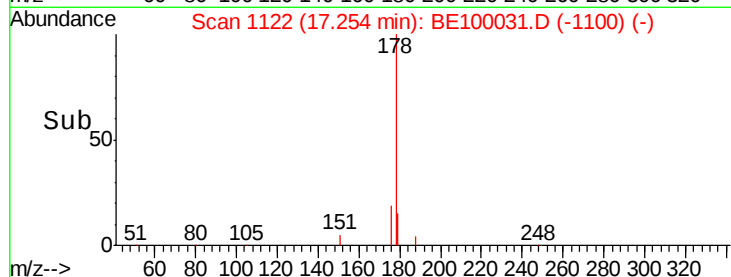
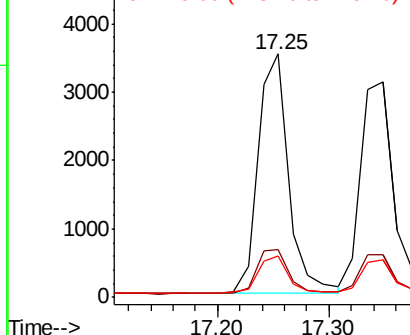
Tot Ion:178	Resp:	6685
Ion Ratio	Lower	Upper
178 100		
176 20.2	15.8	23.8
179 15.7	12.4	18.6

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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



#24

Anthracene

Concen: 0.346 ng

RT: 17.35 min Scan# 1129

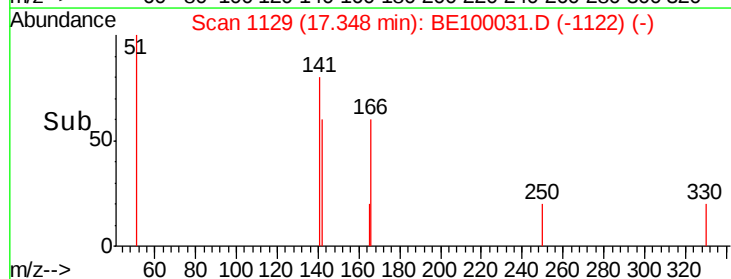
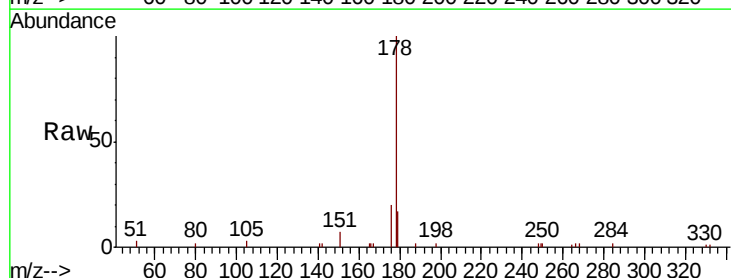
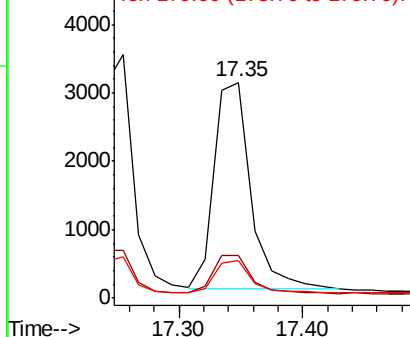
Delta R.T. -0.00 min

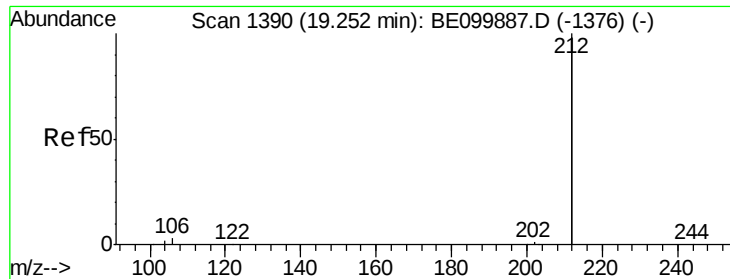
Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

Tgt Ion:178	Resp:	6162
Ion Ratio	Lower	Upper
178 100		
176 19.4	14.6	22.0
179 15.2	12.3	18.5

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





#25

Fluoranthene-d10

Concen: 0.301 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

Instrument :

BNA_E

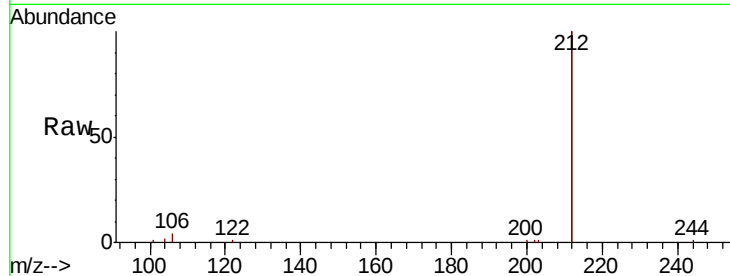
ClientSampleId :

GW-02MSD

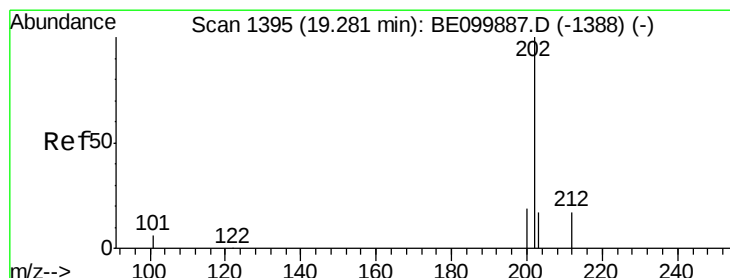
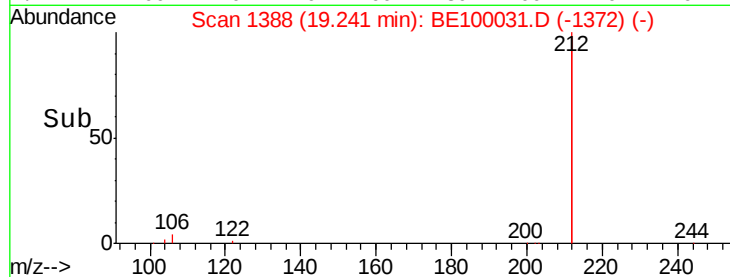
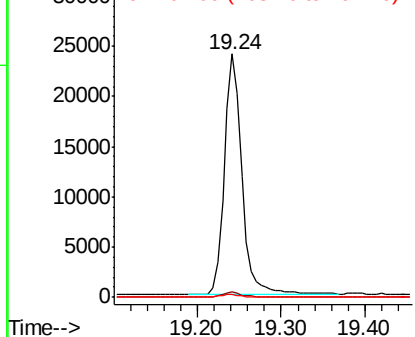
Tot Ion:	212	Resp:	35180
Ion Ratio	Lower	Upper	
212	100		
106	1.9	1.4	2.2
104	1.1	0.9	1.3

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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: 0.315 ng

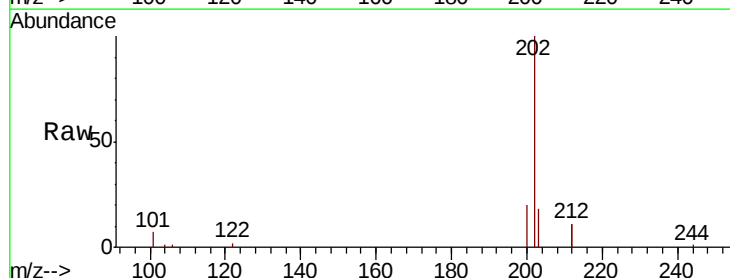
RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

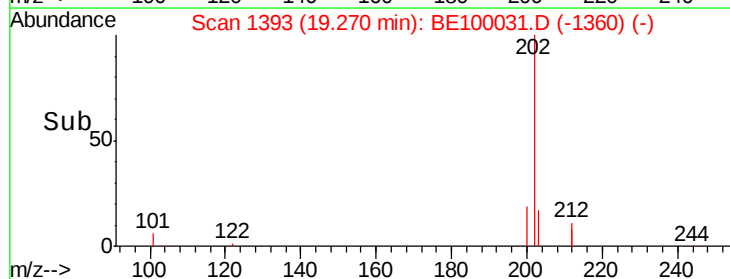
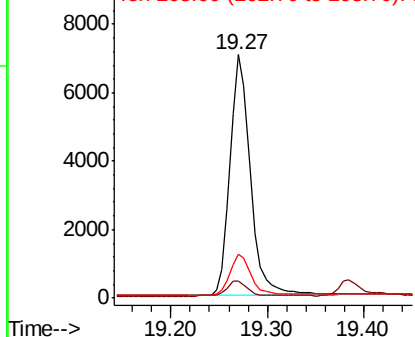
Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

Tgt Ion:	202	Resp:	10423
Ion Ratio	Lower	Upper	
202	100		
101	7.0	5.4	8.0
203	17.8	13.2	19.8



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





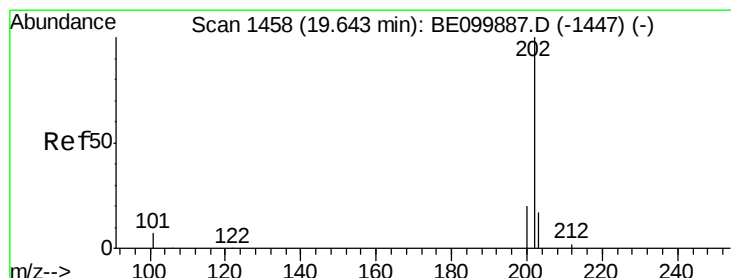
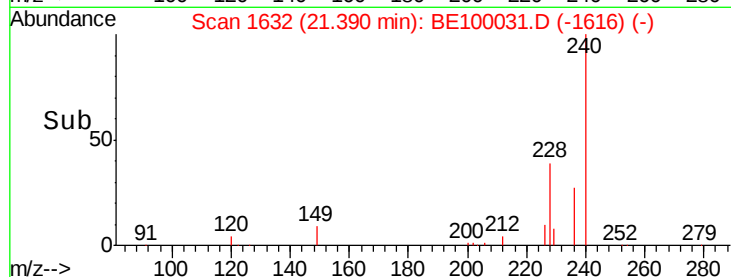
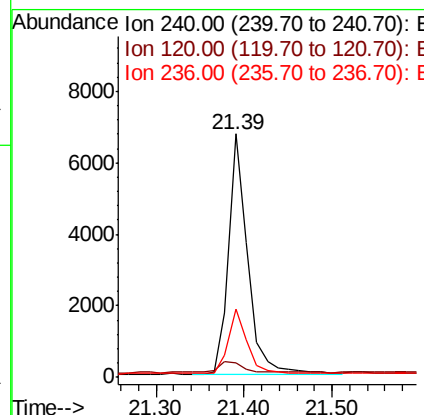
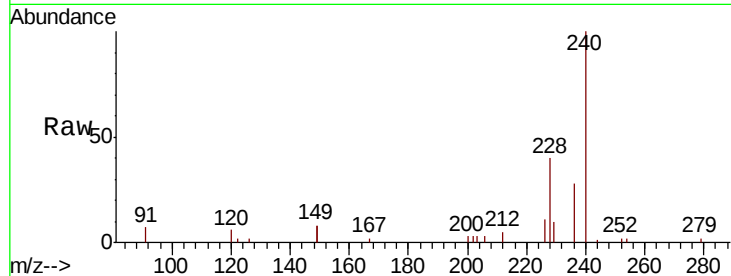
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE100031.D
Acq: 14 Jun 2019 19:56

Instrument :
BNA_E
ClientSampleId :
GW-02MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.2	3.8	5.6#
236	28.2	22.0	33.0

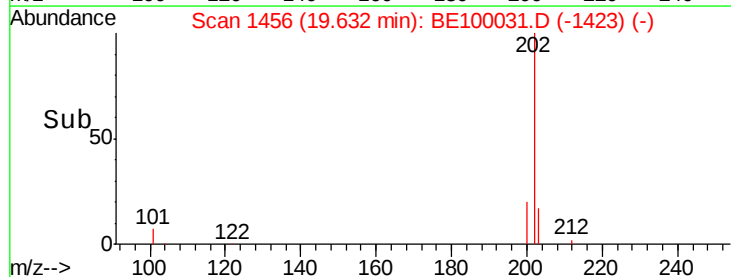
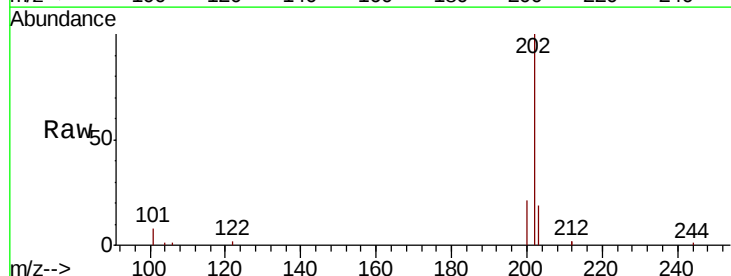
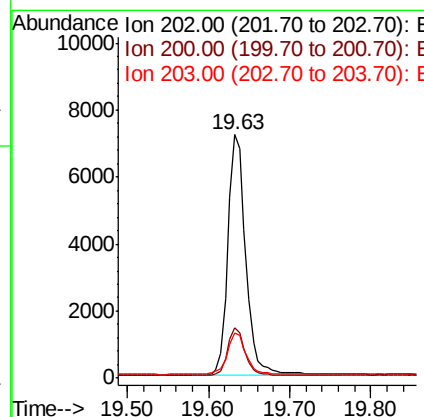
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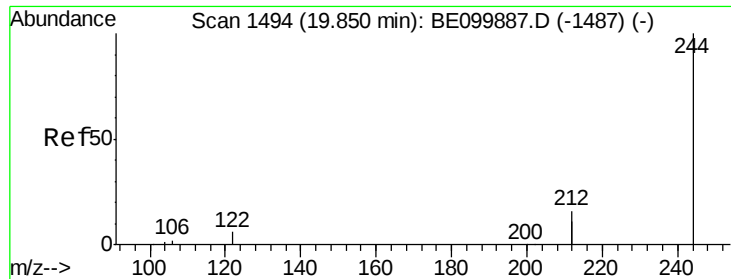
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#28
Pyrene
Concen: 0.410 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE100031.D
Acq: 14 Jun 2019 19:56

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.5	23.3
203	18.2	14.0	21.0





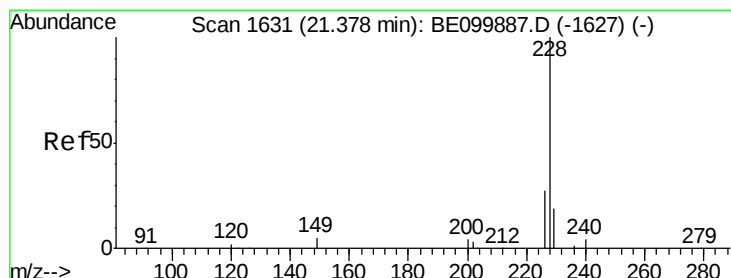
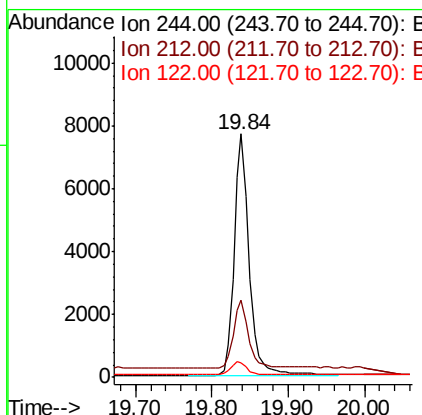
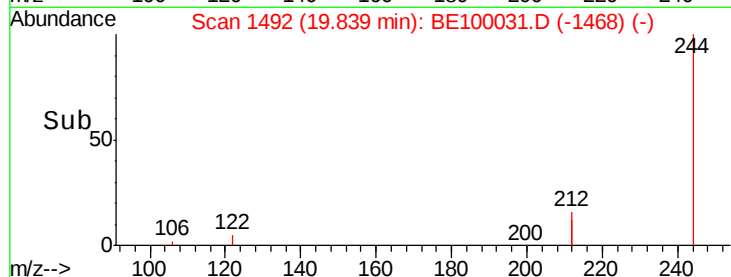
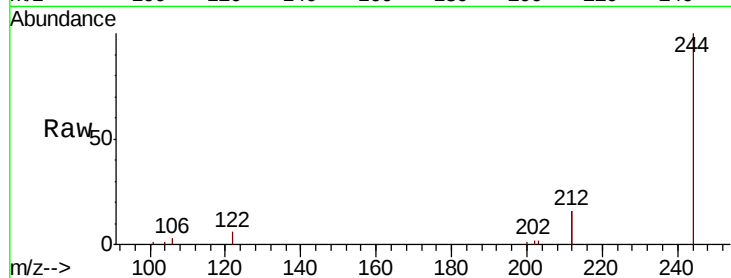
#29
 Terphenyl-d14
 Concen: 0.577 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE100031.D
 Acq: 14 Jun 2019 19:56

Instrument :
 BNA_E
 ClientSampled :
 GW-02MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	31.8	25.7	38.5
122	6.1	5.5	8.3

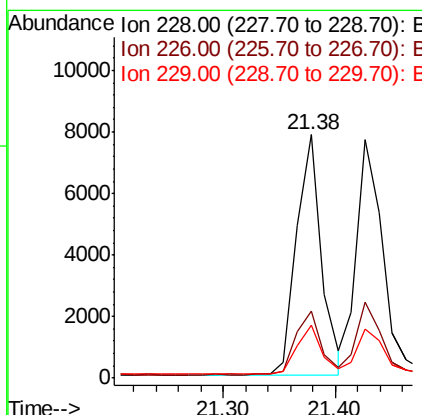
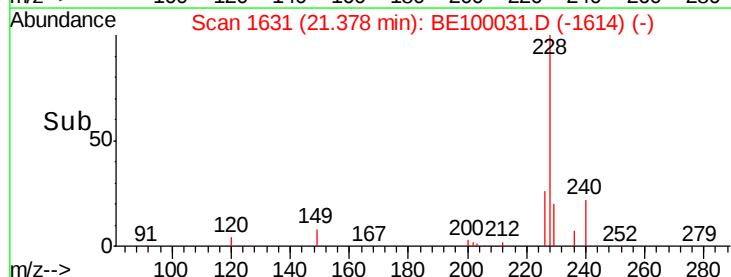
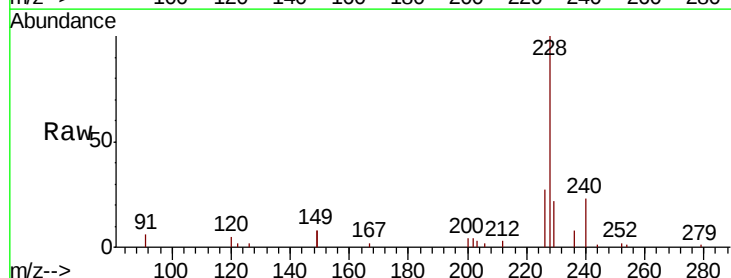
Manual Integrations
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#30
 Benzo(a)anthracene
 Concen: 0.393 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BE100031.D
 Acq: 14 Jun 2019 19:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.5	33.7
229	21.6	15.9	23.9





#31

Chrysene

Concen: 0.387 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

Instrument :

BNA_E

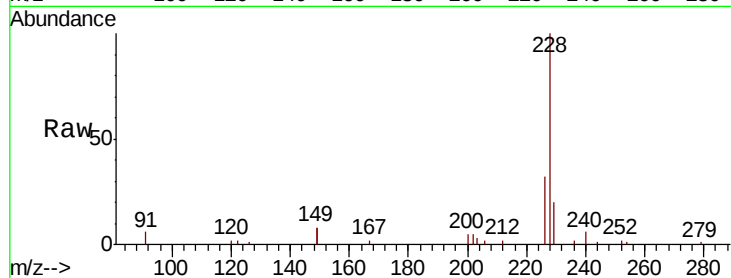
ClientSampled :

GW-02MSD

Tot Ion:	228	Resp:	12125
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.1	36.1
229	20.5	16.1	24.1

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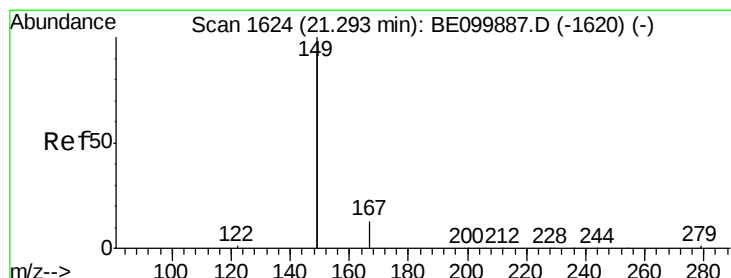
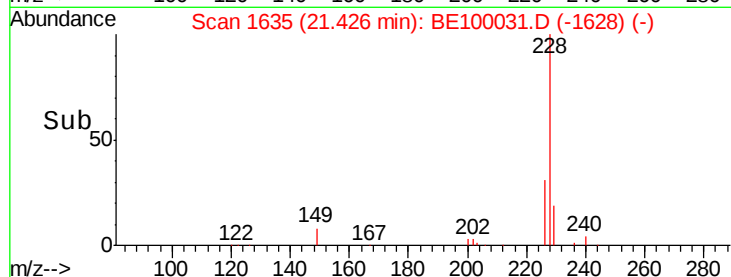
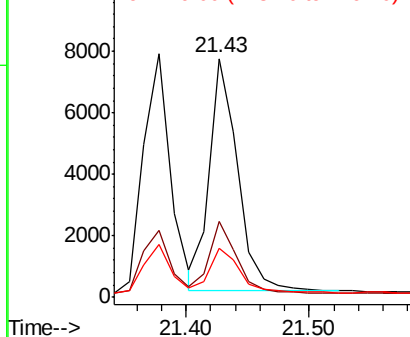


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.443 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

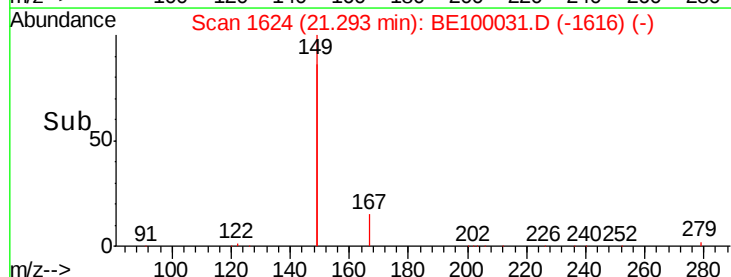
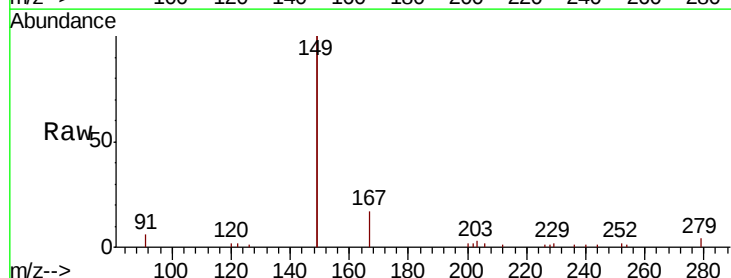
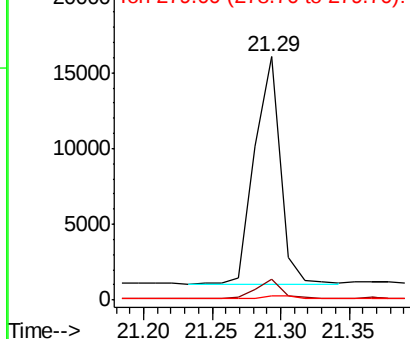
Tgt Ion:	149	Resp:	19269
Ion Ratio	Lower	Upper	
149	100		
167	7.8	5.9	8.9
279	1.7	1.2	1.8

Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





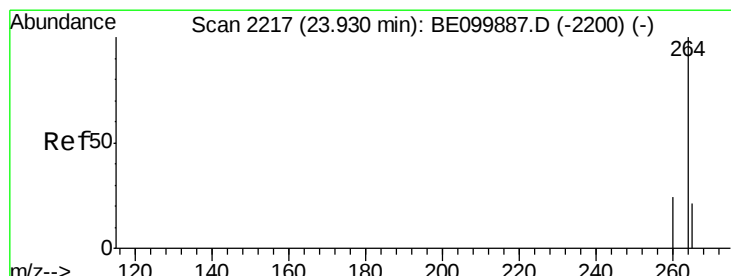
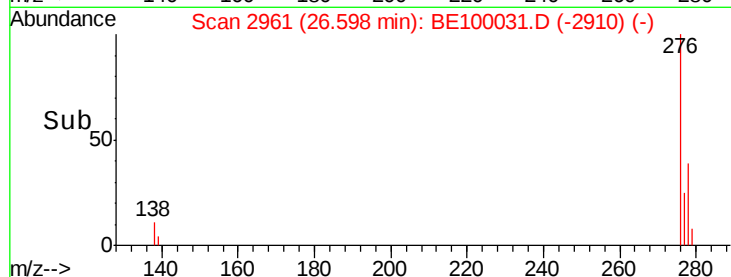
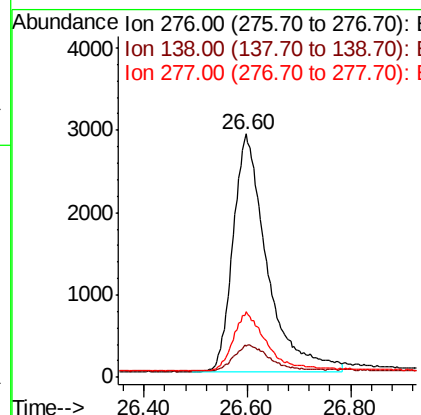
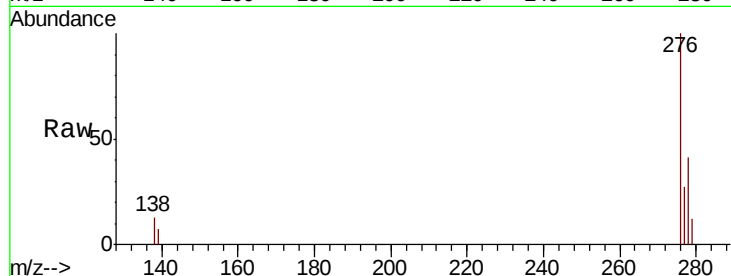
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng
RT: 26.60 min Scan# 2961
Delta R.T. -0.02 min
Lab File: BE100031.D
Acq: 14 Jun 2019 19:56

Instrument :
BNA_E
ClientSampleId :
GW-02MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.2	10.1	15.1
277	24.3	19.1	28.7

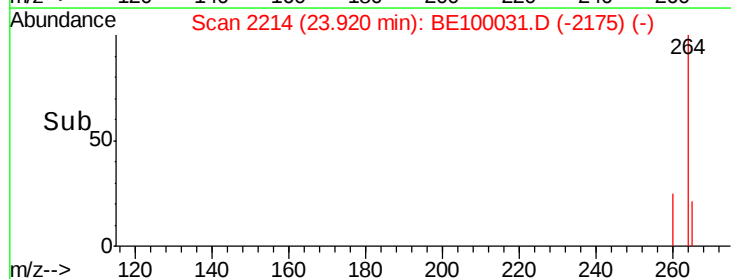
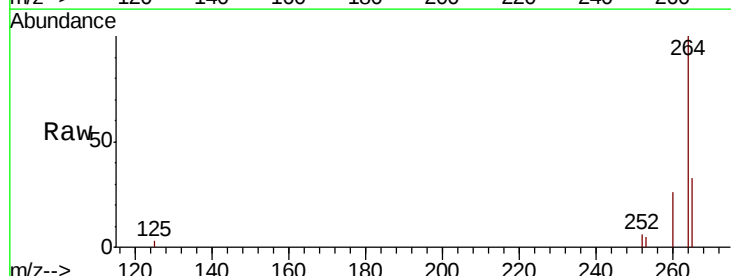
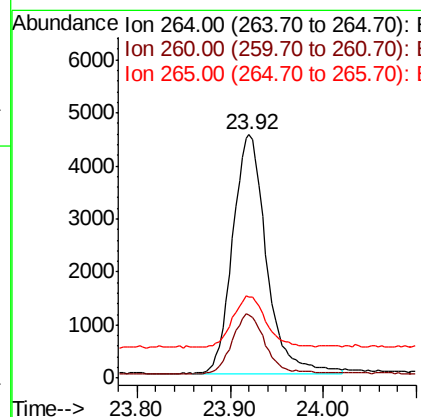
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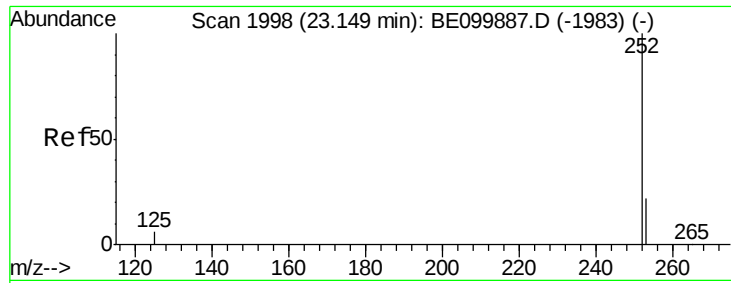
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BE100031.D
Acq: 14 Jun 2019 19:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.2	30.2
265	33.4	22.0	33.0#





#35

Benzo(b)fluoranthene

Concen: 0.356 ng/mL

RT: 23.14 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

Instrument :

BNA_E

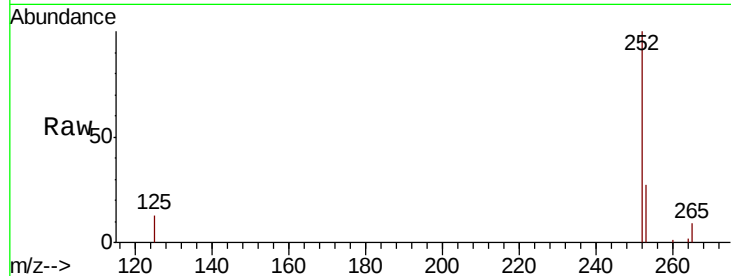
ClientSampleId :

GW-02MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.7	28.1
125	12.6	5.7	8.5

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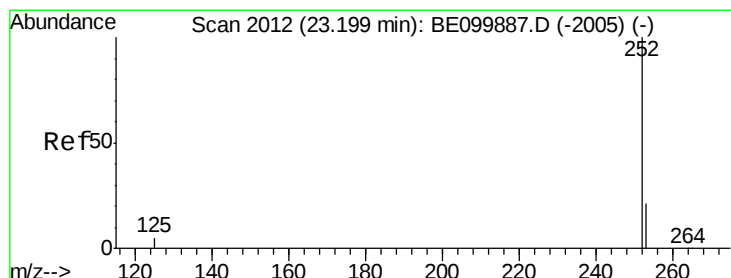
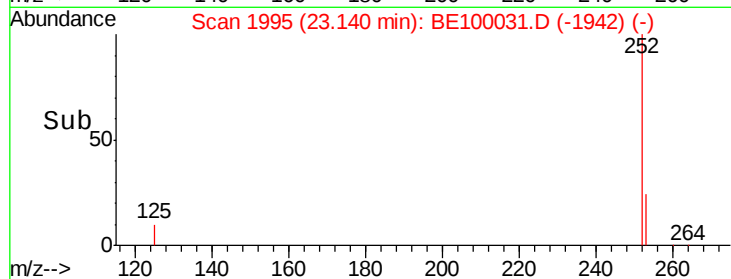
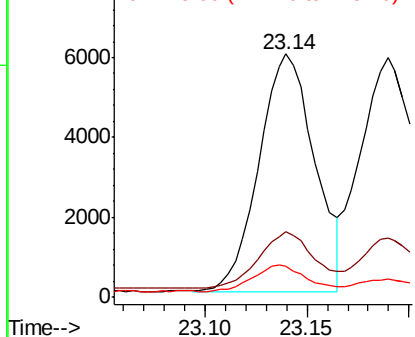


Abundance

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



#36

Benzo(k)fluoranthene

Concen: 0.368 ng/mL

RT: 23.19 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

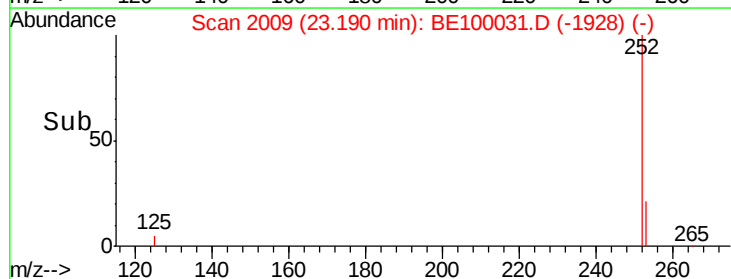
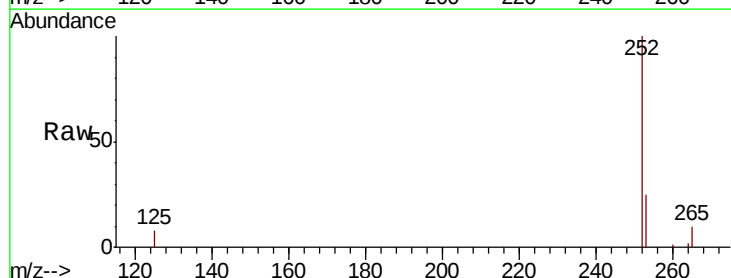
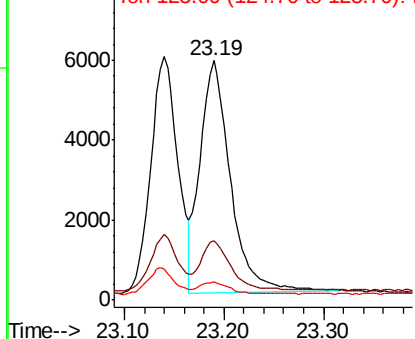
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.6	28.0
125	7.6	5.4	8.0

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





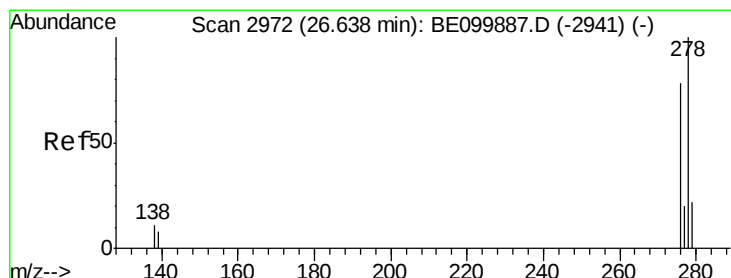
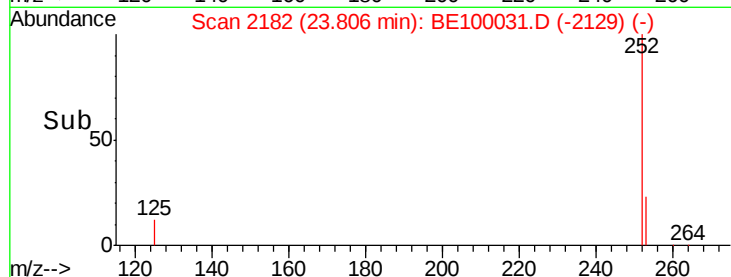
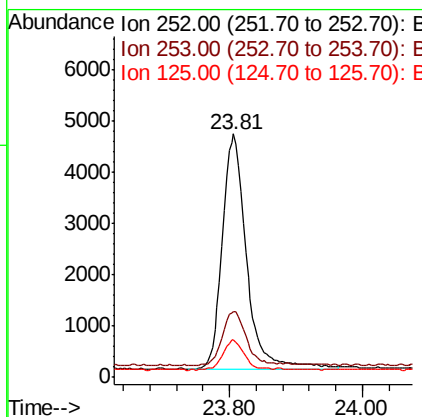
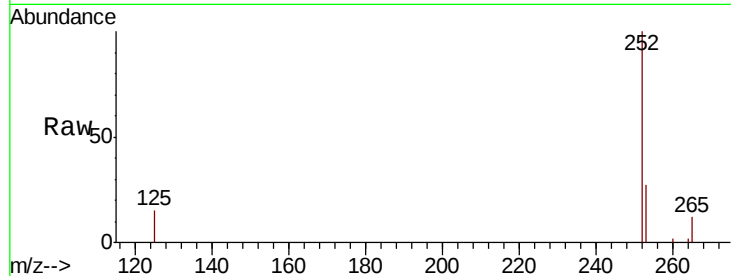
#37
Benzo(a)pyrene
Concen: 0.372 ng
RT: 23.81 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BE100031.D
Acq: 14 Jun 2019 19:56

Instrument :
BNA_E
ClientSampleId :
GW-02MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.2	19.6	29.4
125	15.5	6.6	10.0

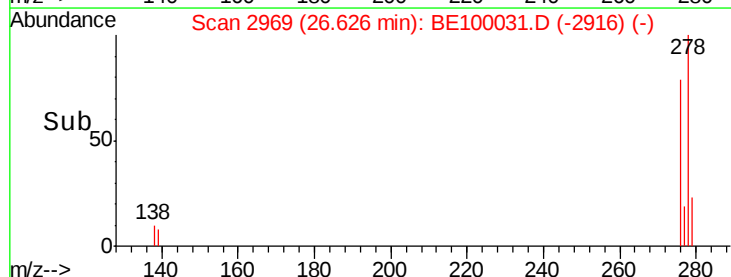
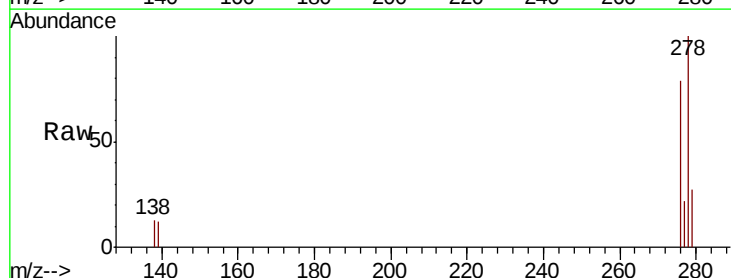
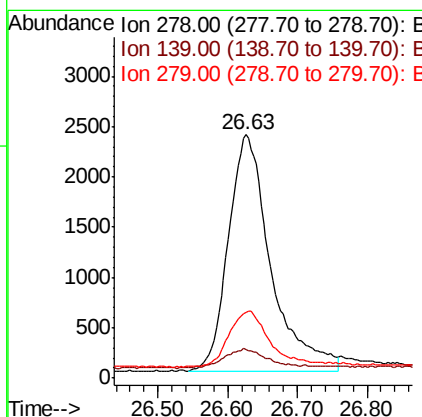
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#38
Dibenzo(a,h)anthracene
Concen: 0.313 ng
RT: 26.63 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BE100031.D
Acq: 14 Jun 2019 19:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.9	7.8	11.8
279	26.8	20.0	30.0





#39

Benzo(a,h,i)perylene

Concen: 0.342 ng

RT: 27.42 min Scan# 3192

Delta R.T. -0.01 min

Lab File: BE100031.D

Acq: 14 Jun 2019 19:56

Instrument :

BNA_E

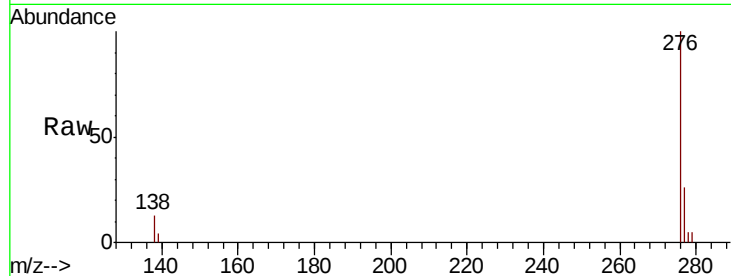
ClientSampleId :

GW-02MSD

Tot Ion:	276	Resp:	11197
Ion Ratio	Lower	Upper	
276	100		
277	26.2	19.5	29.3
138	13.0	9.5	14.3

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

