

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
 Data File : BE099765.D
 Acq On : 28 May 2019 20:07
 Operator : JU/SJ
 Sample : K3037-08MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW2-R1-1MSD

Manual Integrations
 APPROVED

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 5/29/2019 6:15:43 PM

Quant Time: May 29 05:02:38 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon May 20 19:29:40 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1203	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	4288	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	3383	0.40	ng	-0.02
19) Phenanthrene-d10	17.21	188	10416	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	15516	0.40	ng	-0.01
34) Perylene-d12	23.94	264	18509	0.40	ng	-0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.37	112	513	0.17	ng	0.00
5) Phenol-d6	6.96	99	445	0.11	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1525	0.41	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	2654m	0.36	ng	-0.02
14) 2,4,6-Tribromophenol	15.97	330	938	0.49	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	5318	0.41	ng	-0.02
25) Fluoranthene-d10	19.25	212	56503	0.40	ng	-0.01
29) Terphenyl-d14	19.85	244	21191	0.77	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	364	0.204	ng	# 1
3) n-Nitrosodimethylamine	3.61	42	171	0.174	ng	# 93
6) bis(2-Chloroethyl)ether	7.22	93	1338	0.374	ng	95
9) Naphthalene	10.65	128	17034	0.371	ng	99
10) Hexachlorobutadiene	10.93	225	1080	0.320	ng	97
12) 2-Methylnaphthalene	12.28	142	3126	0.418	ng	95
16) Acenaphthylene	14.20	152	5987	0.380	ng	99
17) Acenaphthene	14.54	154	3341	0.378	ng	96
18) Fluorene	15.51	166	5578	0.428	ng	97
20) 4-Bromophenyl-phenylether	16.41	248	2485	0.414	ng	97
21) Hexachlorobenzene	16.52	284	2309	0.376	ng	97
22) Pentachlorophenol	16.87	266	2456	1.329	ng	91
23) Phenanthrene	17.25	178	11238	0.442	ng	98
24) Anthracene	17.35	178	10783	0.467	ng	97
26) Fluoranthene	19.28	202	19372	0.481	ng	98
28) Pyrene	19.65	202	20205	0.518	ng	98
30) Benzo(a)anthracene	21.39	228	22884	0.519	ng	98
31) Chrysene	21.44	228	21984	0.466	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	60726	1.195	ng	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	23799	0.418	ng	99
35) Benzo(b)fluoranthene	23.16	252	21609	0.426	ng	# 90
36) Benzo(k)fluoranthene	23.21	252	20881	0.395	ng	# 93
37) Benzo(a)pyrene	23.83	252	20453	0.419	ng	# 96
38) Dibenzo(a,h)anthracene	26.65	278	19228	0.375	ng	# 95
39) Benzo(g,h,i)perylene	27.45	276	20598	0.398	ng	99

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

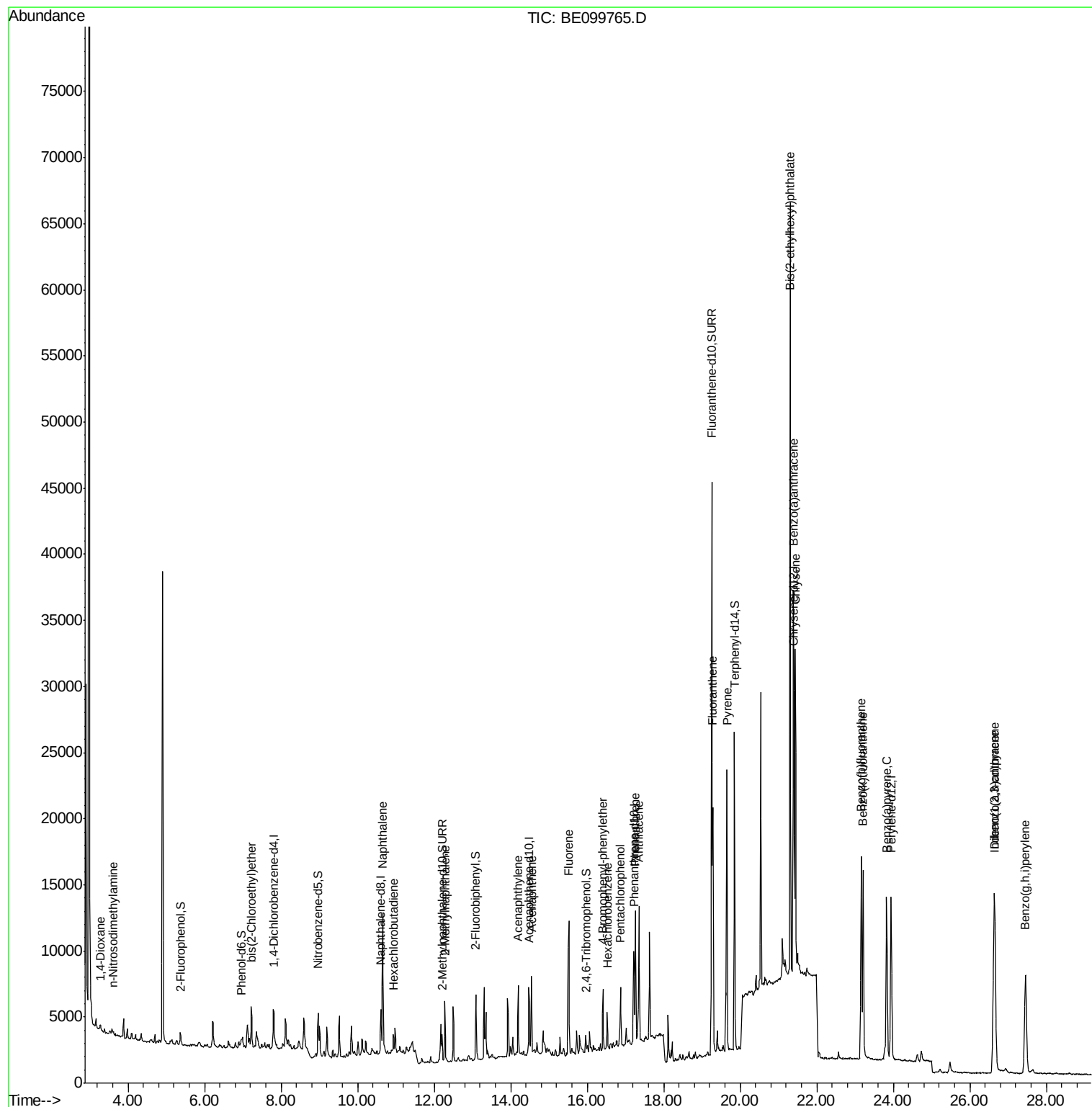
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
Data File : BE099765.D
Acq On : 28 May 2019 20:07
Operator : JU/SJ
Sample : K3037-08MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

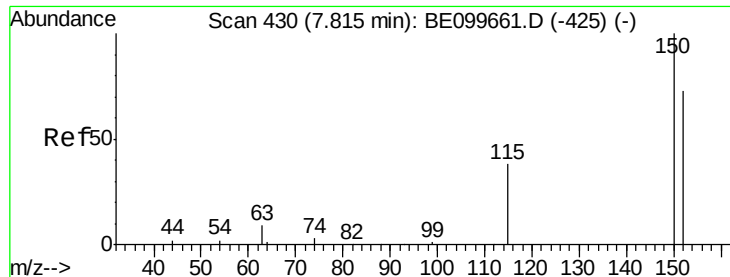
Instrument :
BNA_E
ClientSampleId :
MW2-R1-1MSD

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

ClientSampled :

MW2-R1-1MSD

Tot Ion:152 Resp: 1203

Ion Ratio Lower Upper

152 100

150 139.1 109.2 163.8

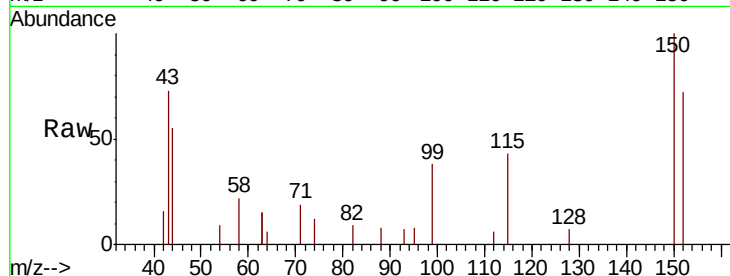
115 59.6 43.7 65.5

Manual Integrations

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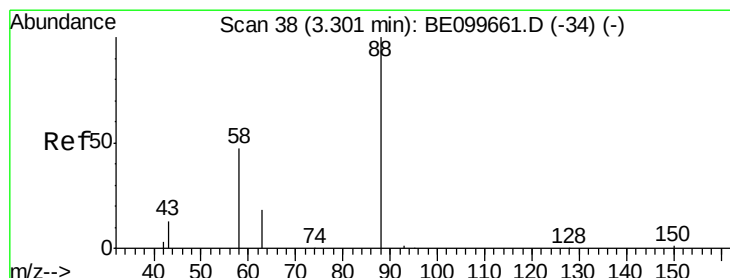
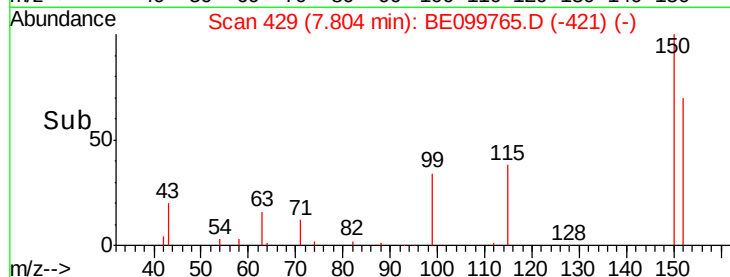
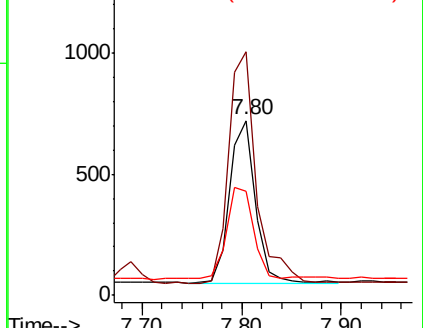
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.204 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.02 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

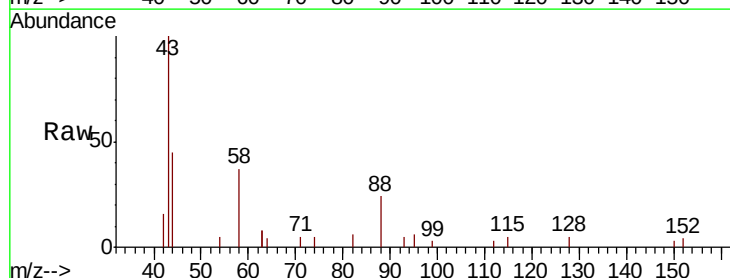
Tgt Ion: 88 Resp: 364

Ion Ratio Lower Upper

88 100

58 82.4 41.8 62.8#

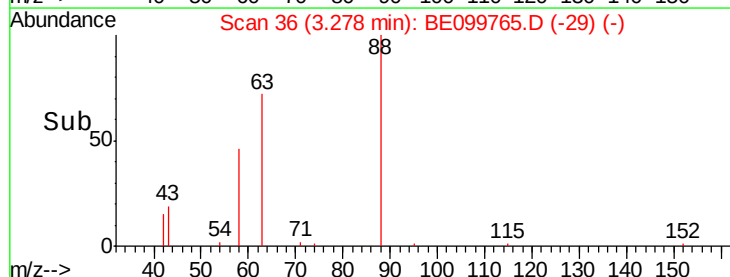
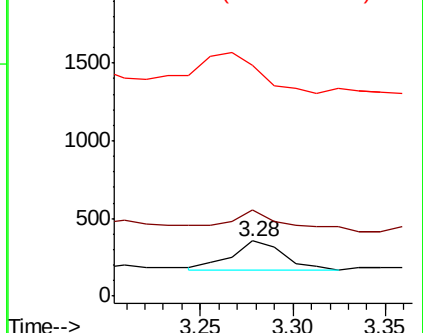
43 194.5 15.0 22.4#

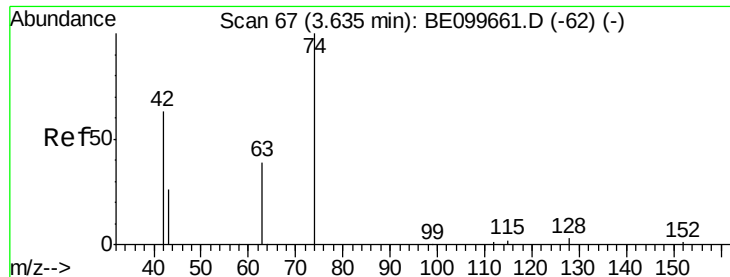


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.174 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.02 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

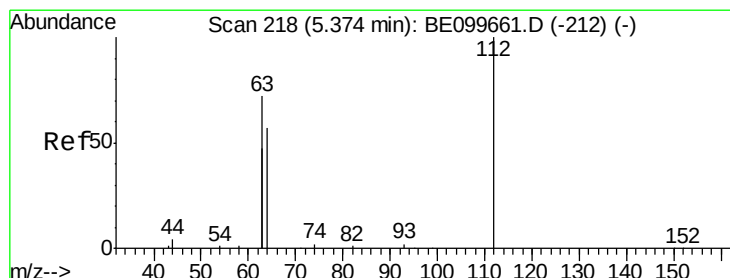
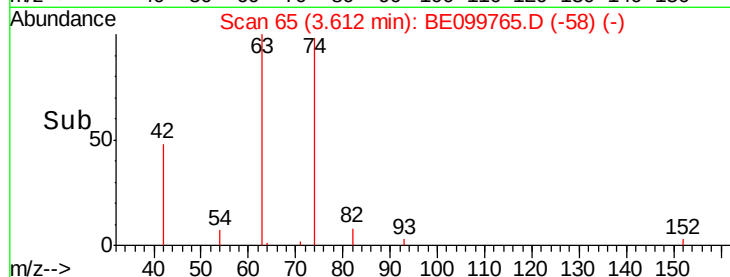
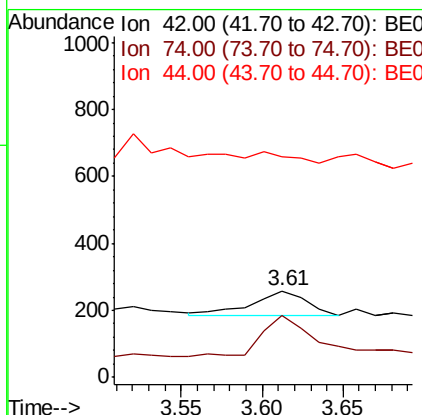
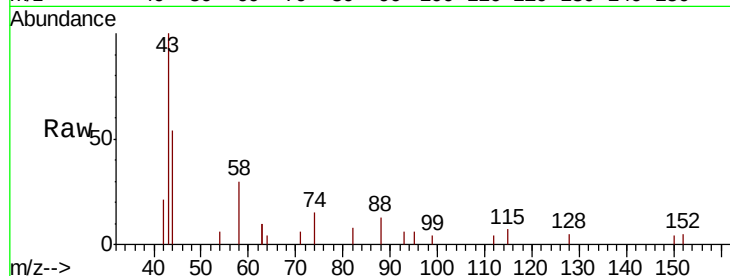
ClientSampleId :

MW2-R1-1MSD

Tot Ion:	42	Resp:	171
Ion	Ratio	Lower	Upper
42	100		
74	171.3	129.2	193.8
44	0.0	0.0	0.0

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#4

2-Fluorophenol

Concen: 0.169 ng

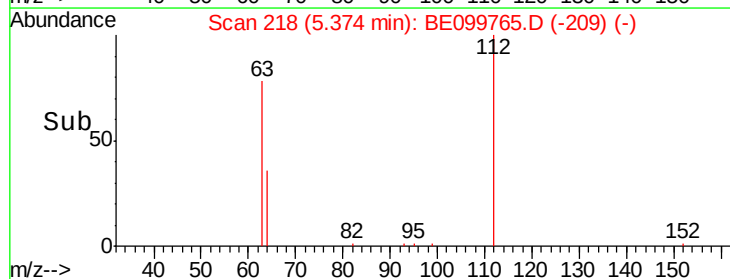
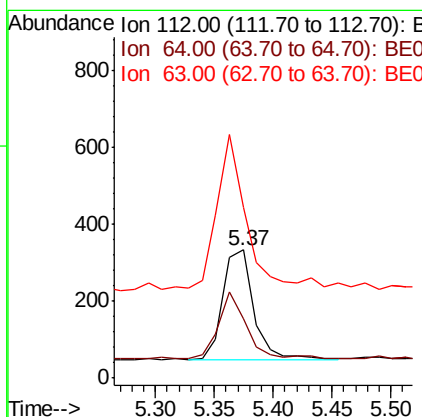
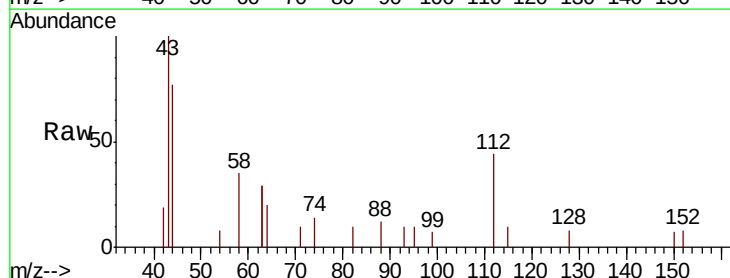
RT: 5.37 min Scan# 218

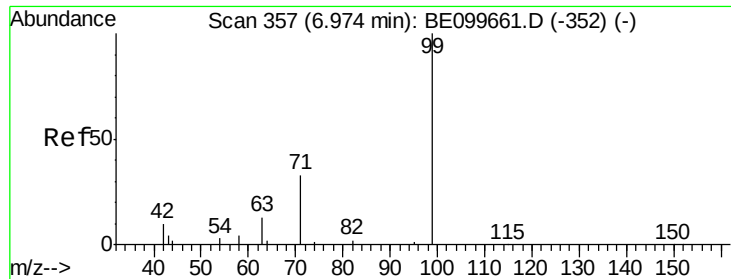
Delta R.T. 0.00 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Tgt Ion:	112	Resp:	513
Ion	Ratio	Lower	Upper
112	100		
64	56.7	43.4	65.2
63	136.8	96.9	145.3





#5

Phenol-d6

Concen: 0.111 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

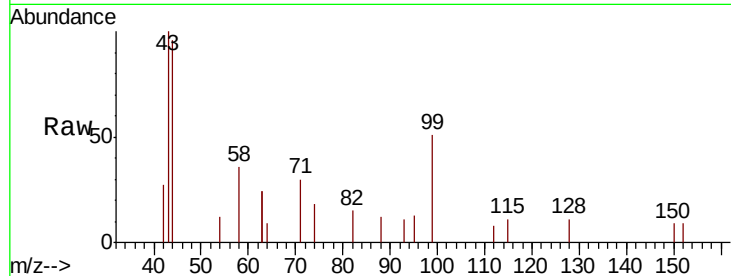
ClientSampleId :

MW2-R1-1MSD

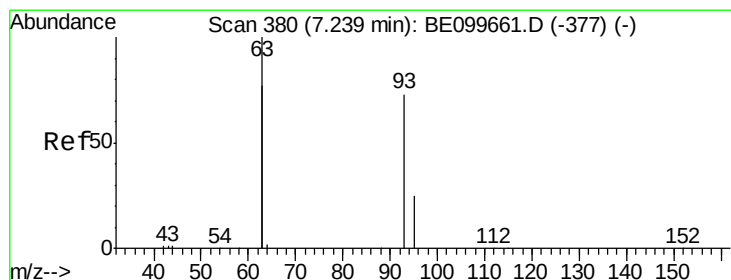
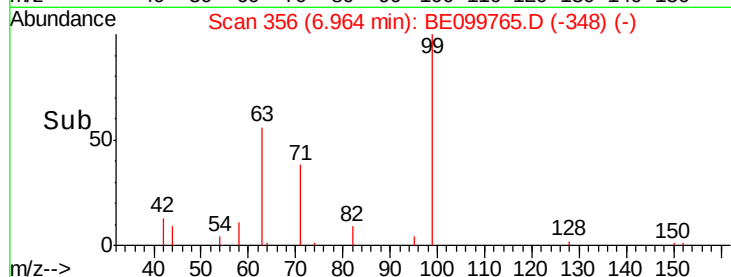
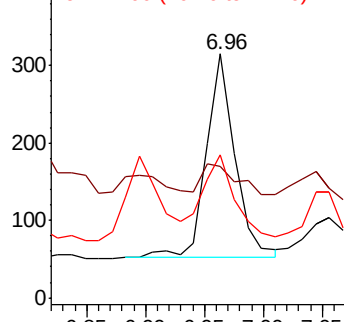
Tot Ion:	99	Resp:	445
Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.2	18.2
71	44.7	28.9	43.3#

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Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.374 ng

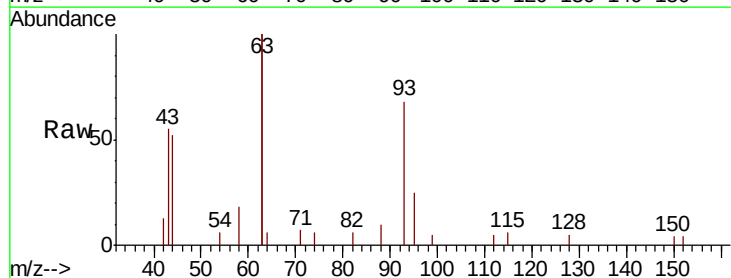
RT: 7.22 min Scan# 378

Delta R.T. -0.02 min

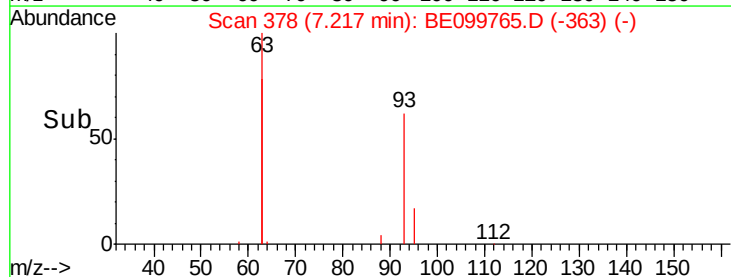
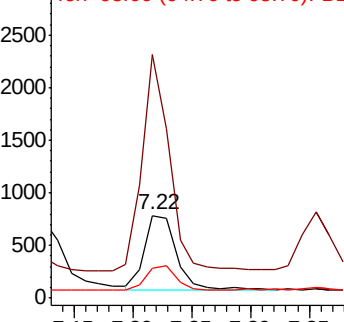
Lab File: BE099765.D

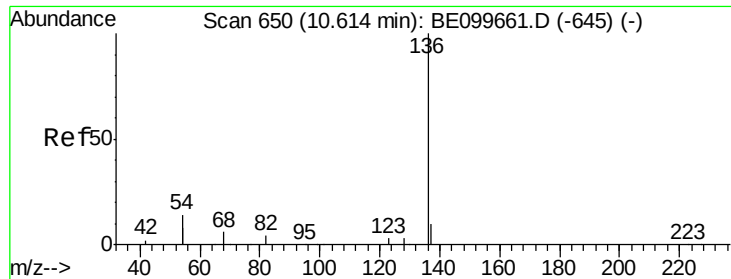
Acq: 28 May 2019 20:07

Tgt Ion:	93	Resp:	1338
Ion	Ratio	Lower	Upper
93	100		
63	248.8	207.8	311.6
95	32.5	25.9	38.9



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

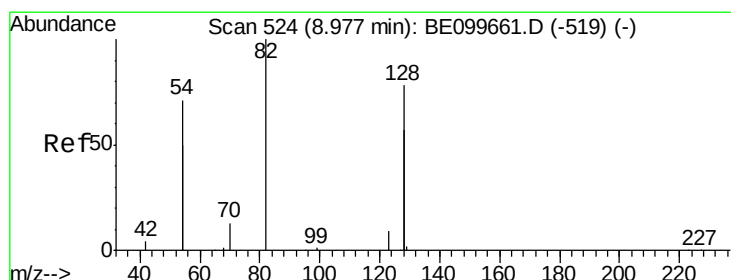
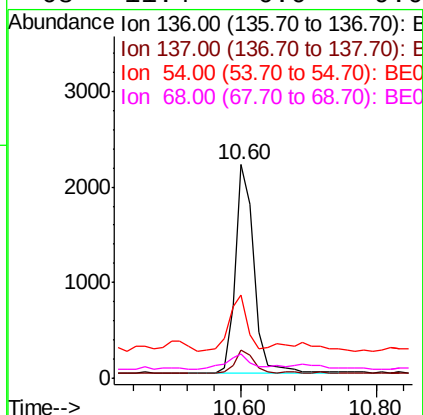
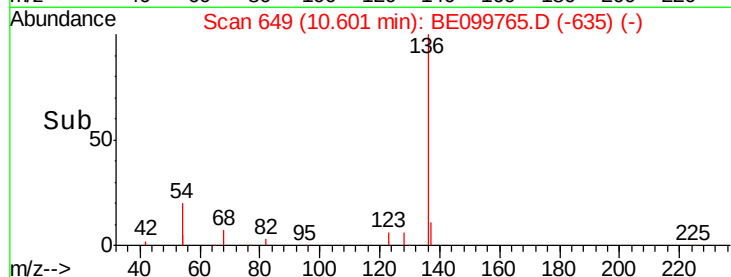
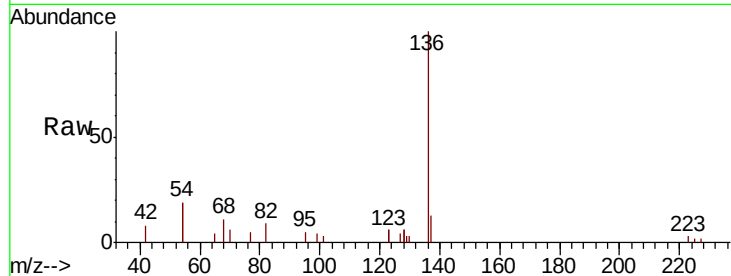
ClientSampleId :

MW2-R1-1MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.0	13.6
54	38.8	22.3	33.5
68	11.4	6.0	9.0

Manual Integrations
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#8

Nitrobenzene-d5

Concen: 0.411 ng

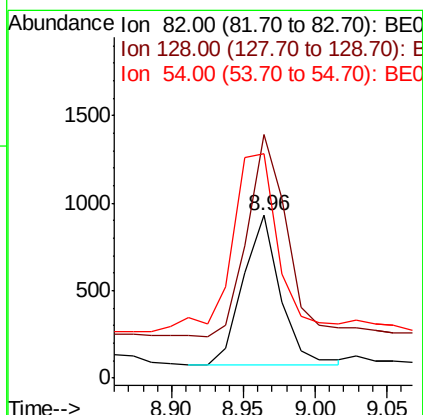
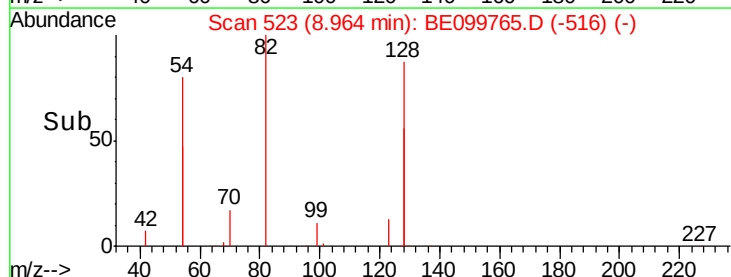
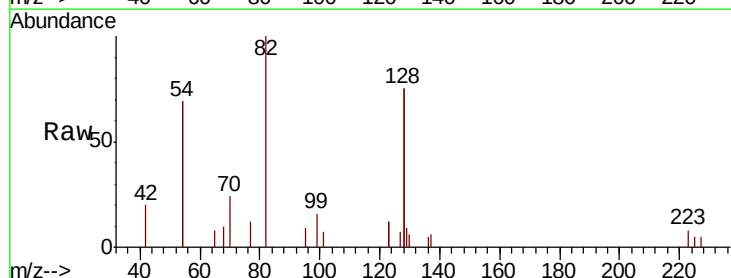
RT: 8.96 min Scan# 523

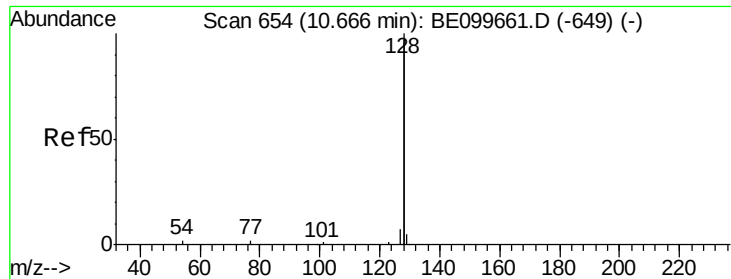
Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Tgt Ion	Ratio	Lower	Upper
82	100		
128	149.8	117.7	176.5
54	137.8	106.6	160.0





#9

Naphthalene

Concen: 0.371 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

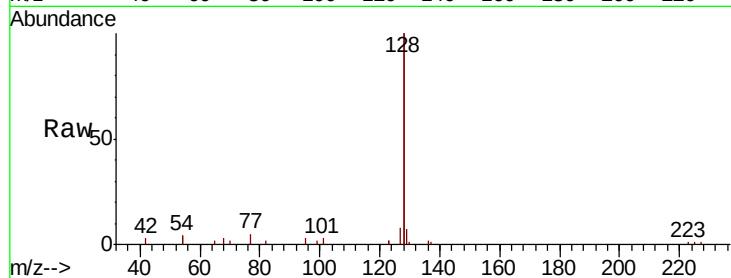
ClientSampleId :

MW2-R1-1MSD

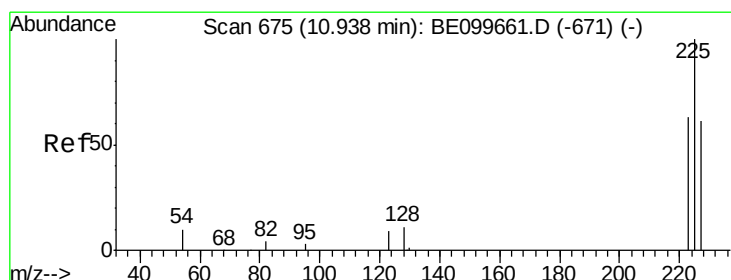
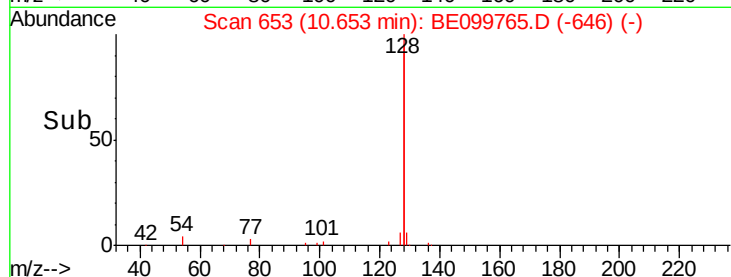
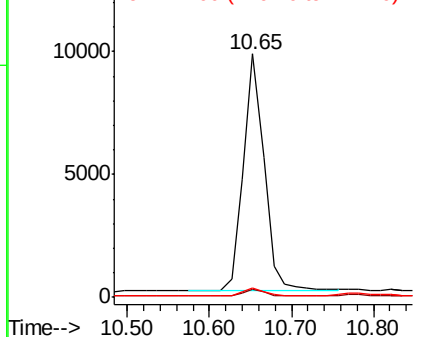
Tot Ion:128	Resp:	17034
Ion Ratio	Lower	Upper
128 100		
129 3.4	2.4	3.6
127 3.9	2.9	4.3

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



#10

Hexachlorobutadiene

Concen: 0.320 ng

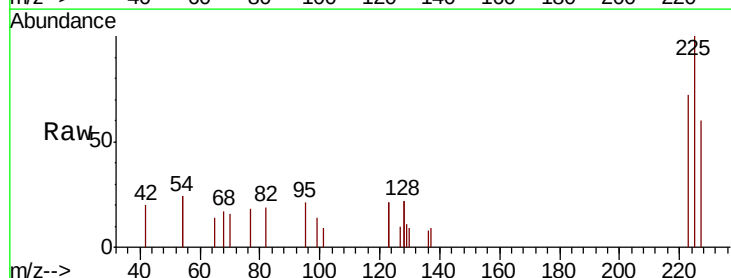
RT: 10.93 min Scan# 674

Delta R.T. -0.01 min

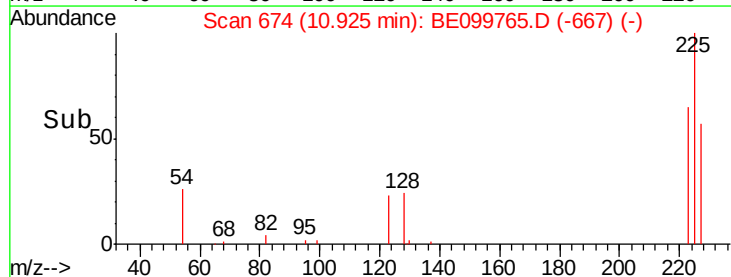
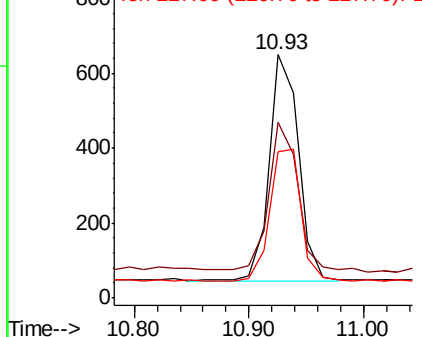
Lab File: BE099765.D

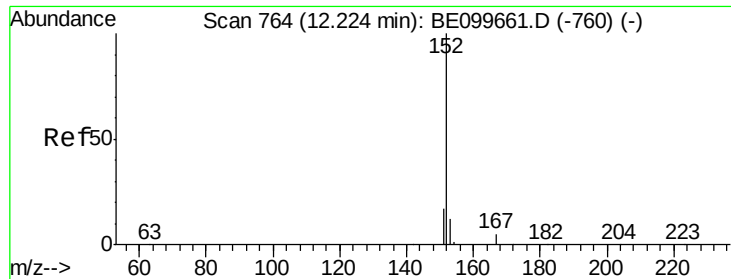
Acq: 28 May 2019 20:07

Tgt Ion:225	Resp:	1080
Ion Ratio	Lower	Upper
225 100		
223 63.2	51.8	77.6
227 62.0	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





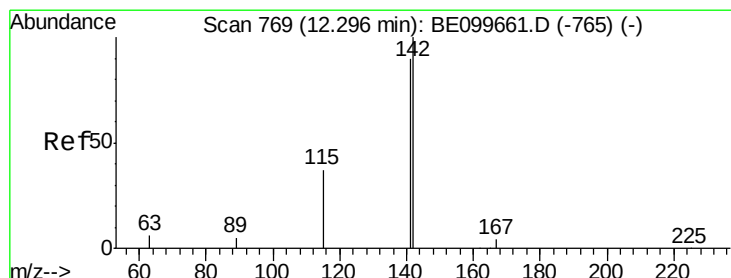
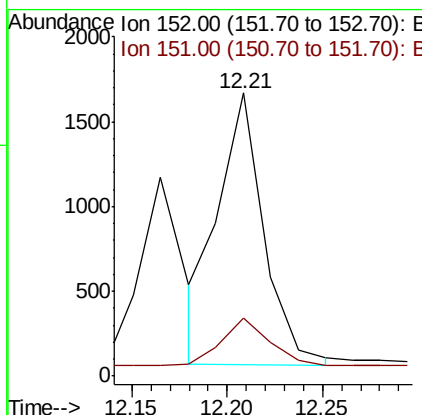
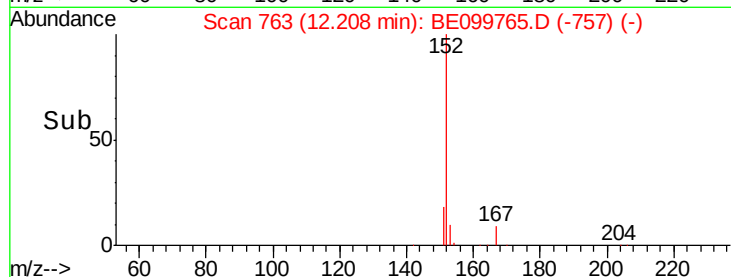
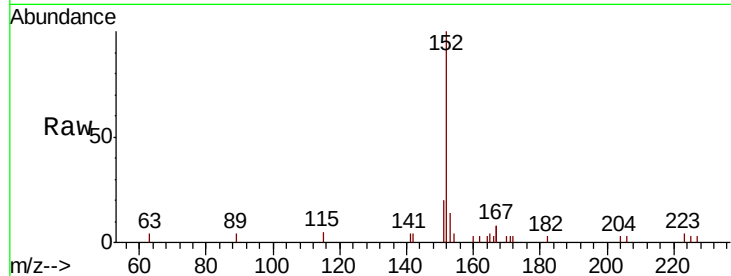
#11
2-Methylnaphthalene-d10
Concen: 0.359 ng m
RT: 12.21 min Scan# 763
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :
MW2-R1-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.0	22.4

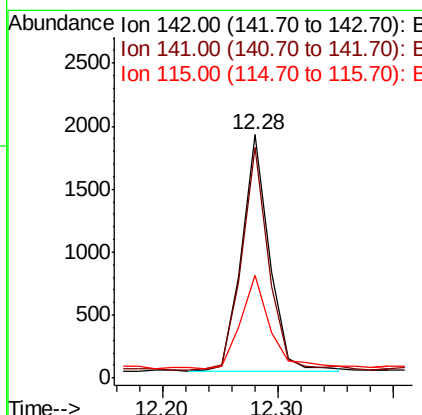
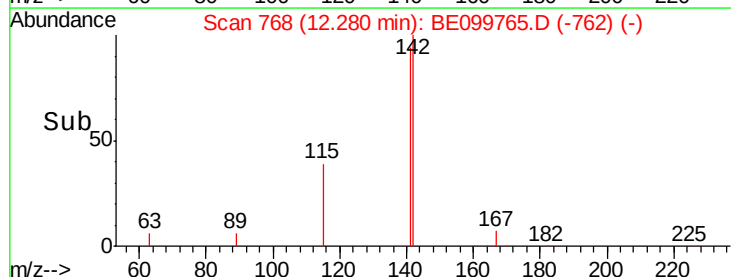
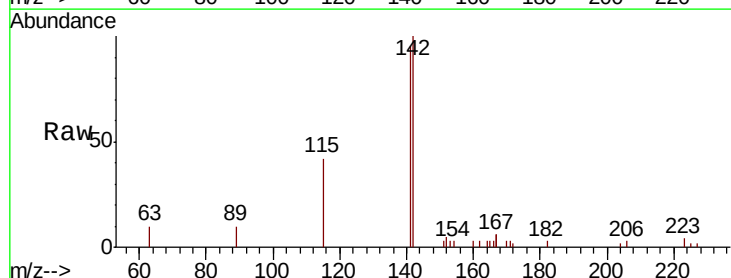
Manual Integrations
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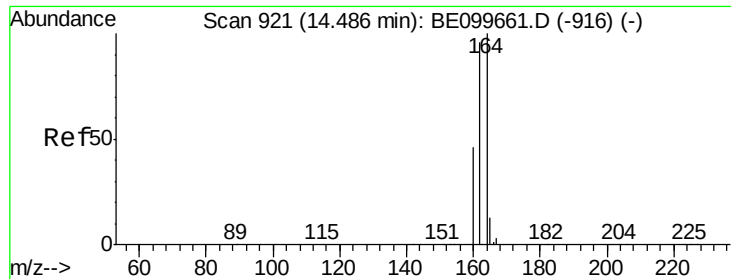
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#12
2-Methylnaphthalene
Concen: 0.418 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	72.0	108.0
115	42.2	31.0	46.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.02 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

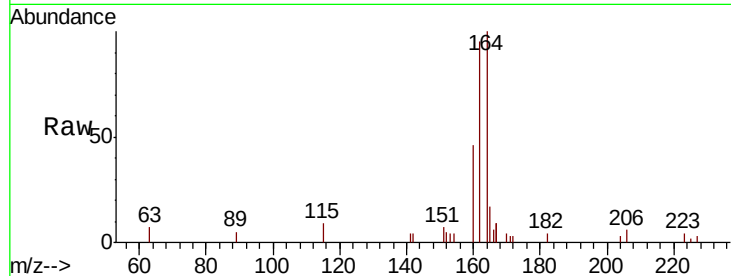
ClientSampled :

MW2-R1-1MSD

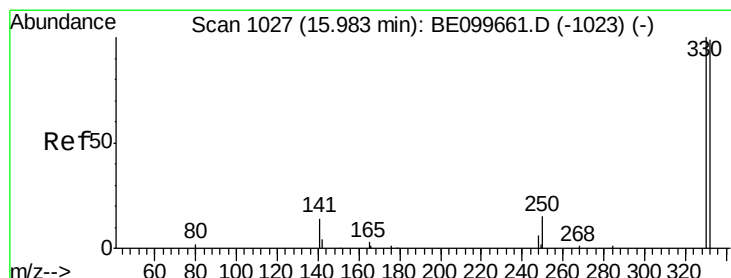
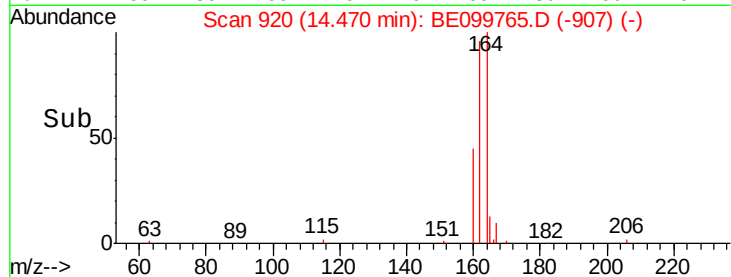
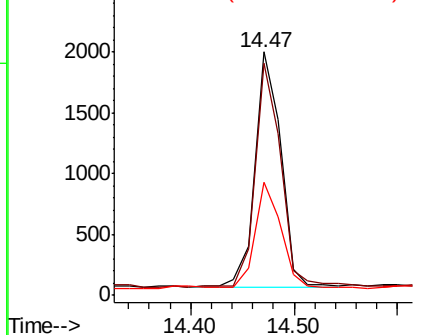
Tot Ion:	164	Resp:	3383
Ion Ratio	Lower	Upper	
164	100		
162	95.2	76.5	114.7
160	46.4	37.4	56.2

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5/29/2019 6:15:43 PM



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.491 ng

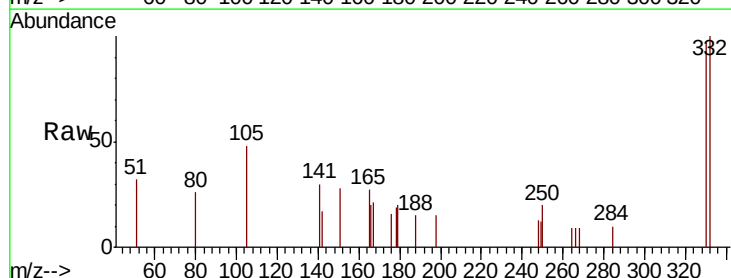
RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

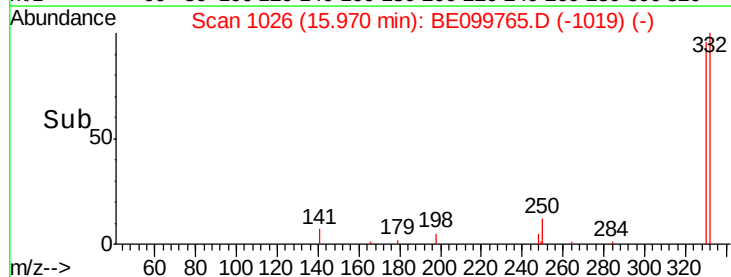
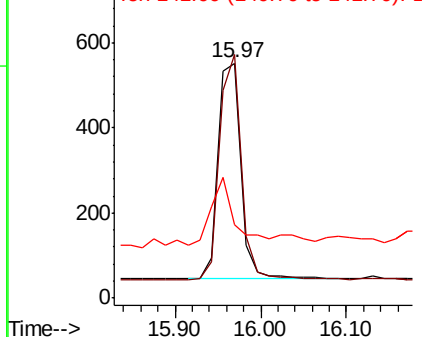
Lab File: BE099765.D

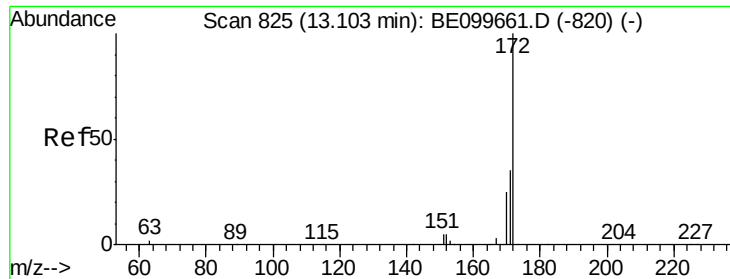
Acq: 28 May 2019 20:07

Tgt Ion:	330	Resp:	938
Ion Ratio	Lower	Upper	
330	100		
332	100.3	77.3	115.9
141	31.9	18.9	28.3#



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





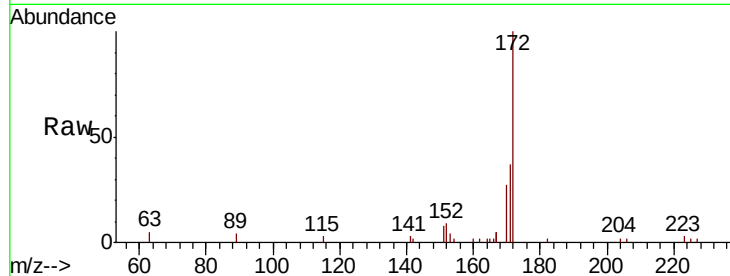
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :
MW2-R1-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.7	43.1
170	26.5	20.9	31.3

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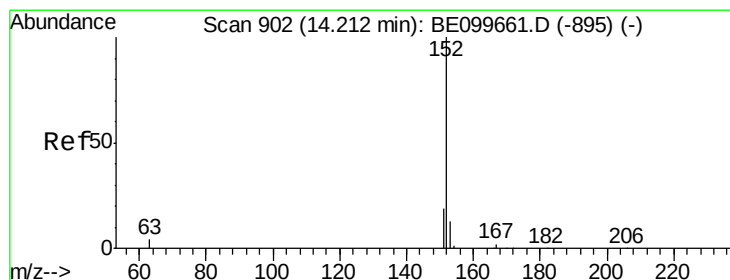
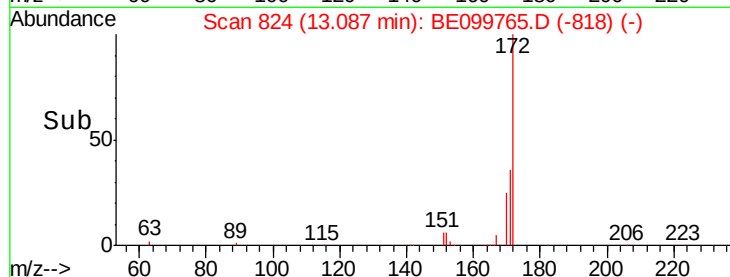
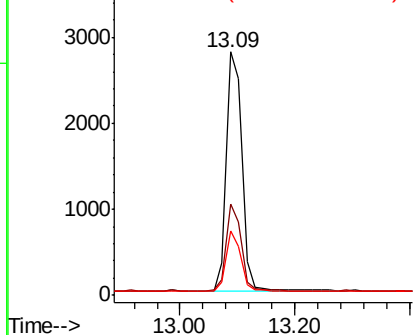


Abundance

Ion 172.00 (171.70 to 172.70): E

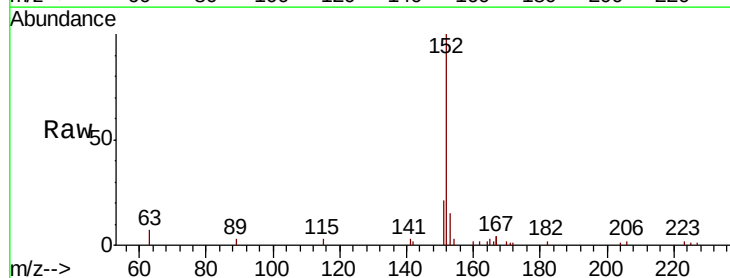
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.380 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	13.2	10.6	16.0

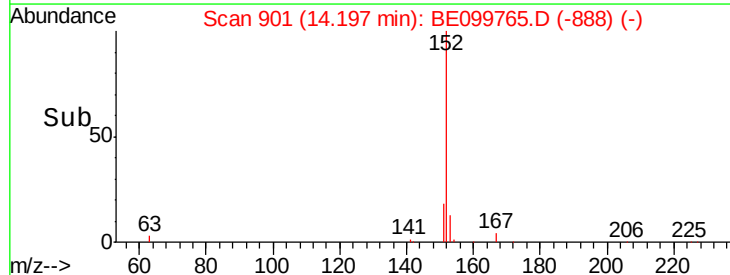
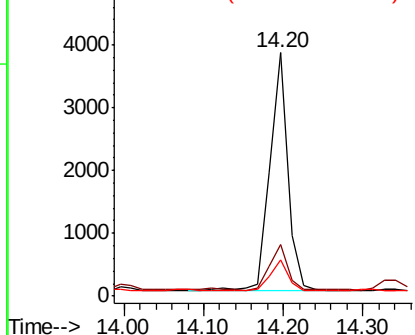


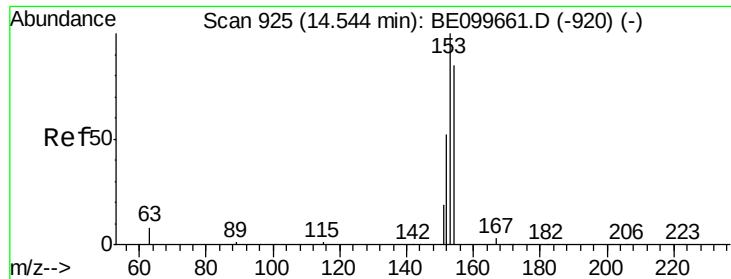
Abundance

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





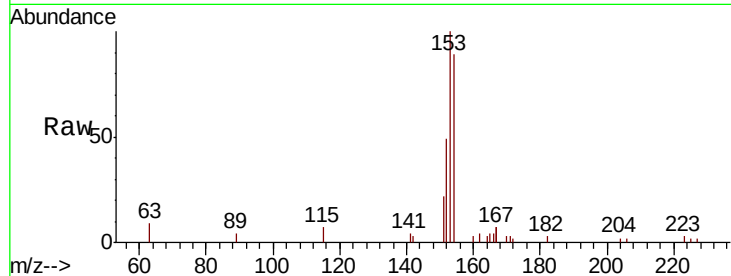
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :
MW2-R1-1MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	118.9	91.8	137.6
152	59.6	46.0	69.0

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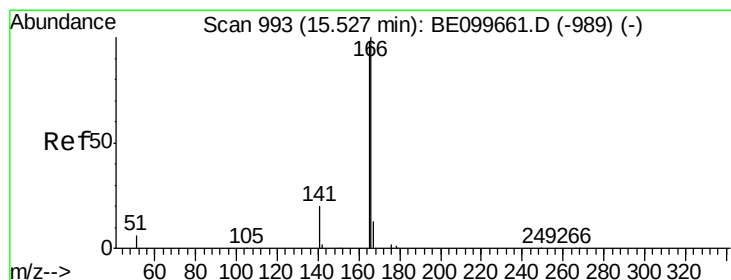
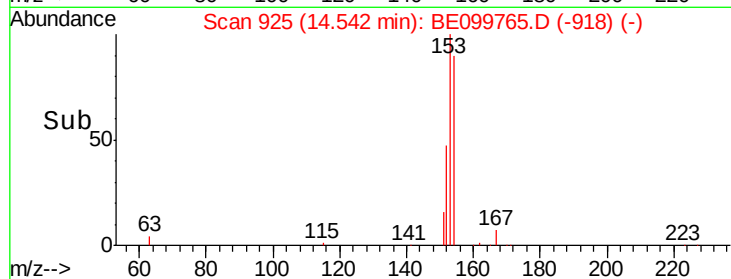
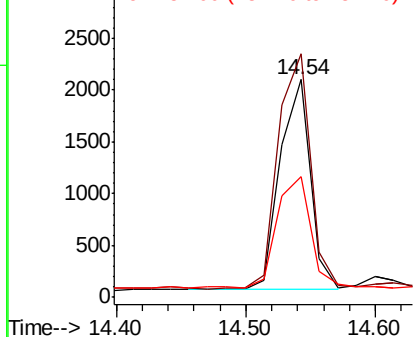


Abundance

Ion 154.00 (153.70 to 154.70): E

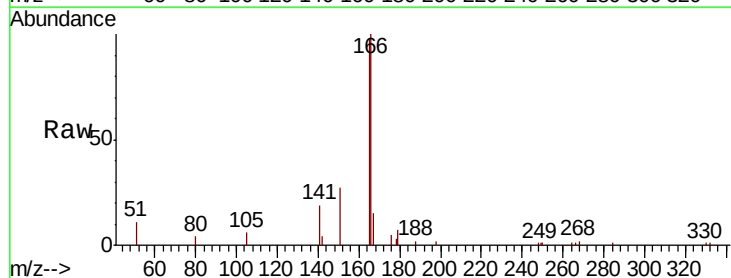
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.428 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.3	120.5
167	15.6	10.6	16.0

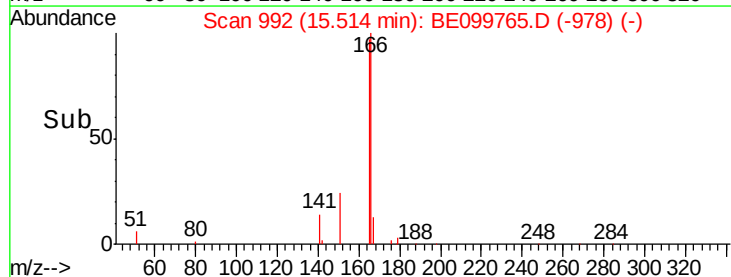
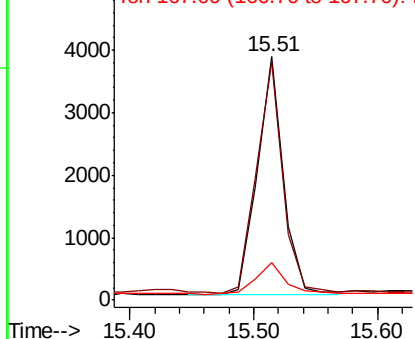


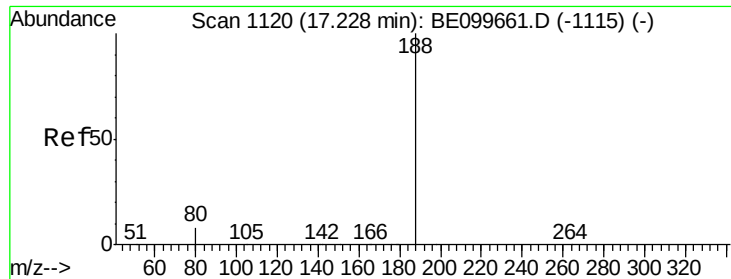
Abundance

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: 17.21 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

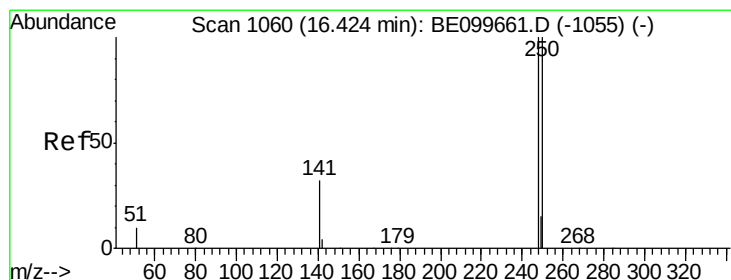
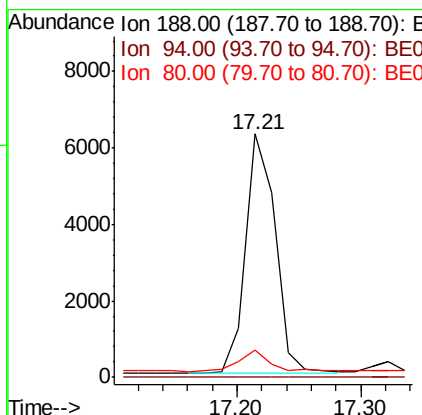
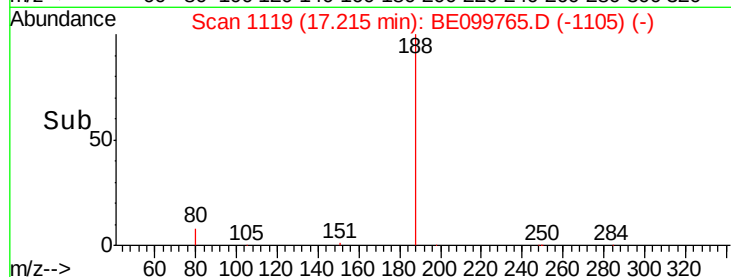
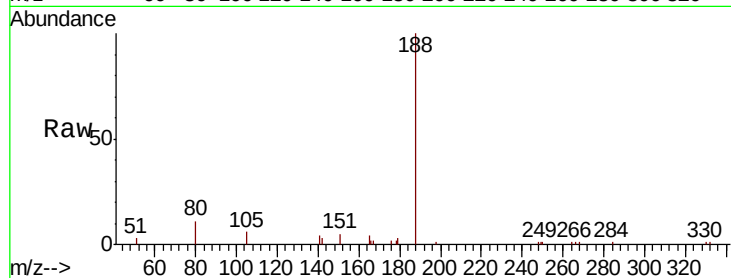
ClientSampleId :

MW2-R1-1MSD

Tot Ion:	188	Resp:	10416
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.0	6.7	10.1#

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#20

4-Bromophenyl-phenylether

Concen: 0.414 ng

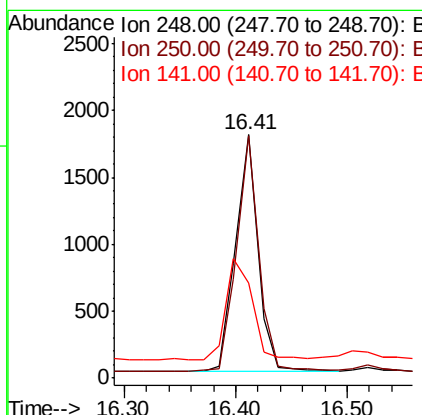
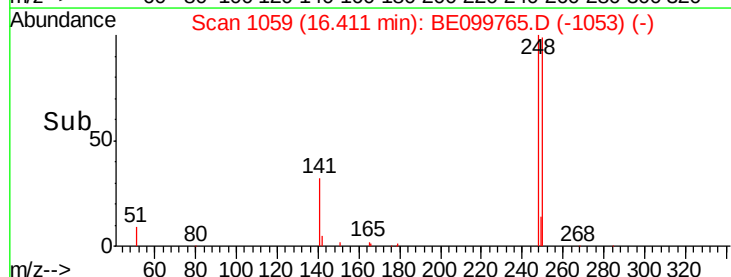
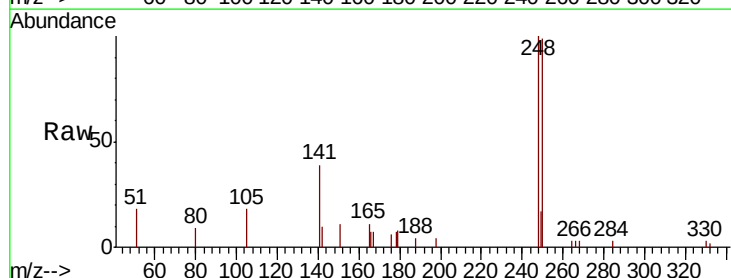
RT: 16.41 min Scan# 1059

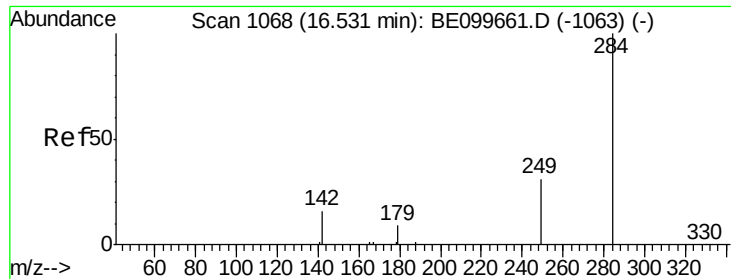
Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Tgt Ion:	248	Resp:	2485
Ion Ratio	Lower	Upper	
248	100		
250	99.4	79.8	119.8
141	39.1	27.0	40.6





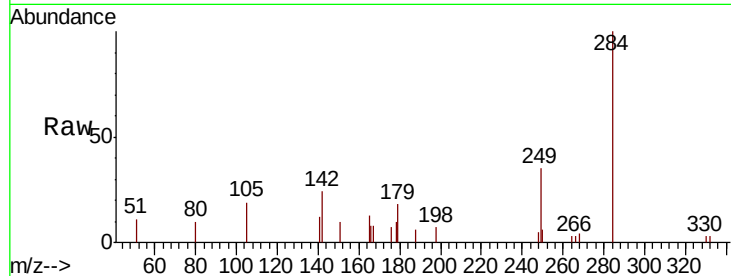
#21
Hexachlorobenzene
Concen: 0.376 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :
MW2-R1-1MSD

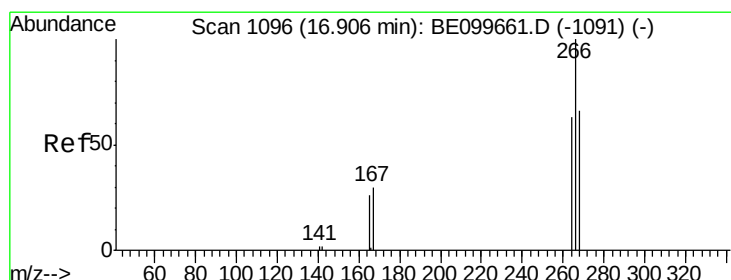
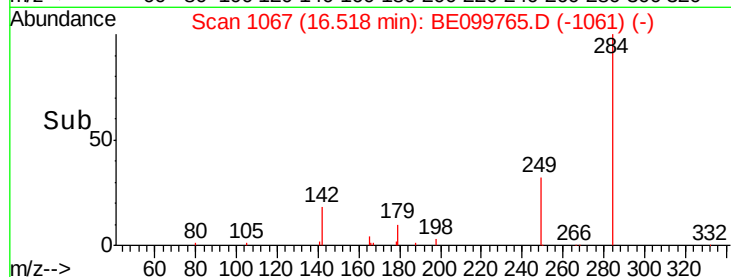
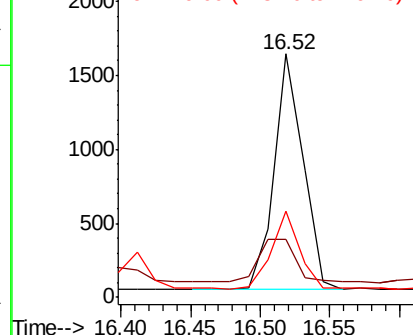
Tot Ion:	284	Resp:	2309
Ion Ratio	Lower	Upper	
284	100		
142	23.4	17.8	26.6
249	32.6	24.8	37.2

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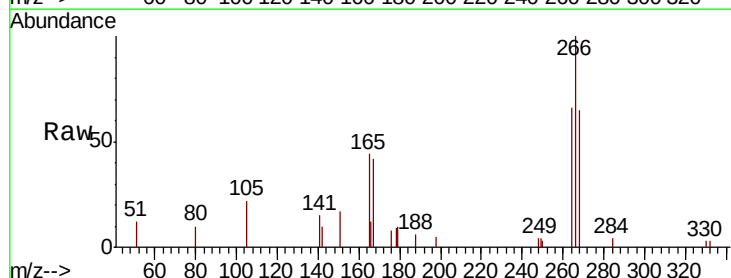


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

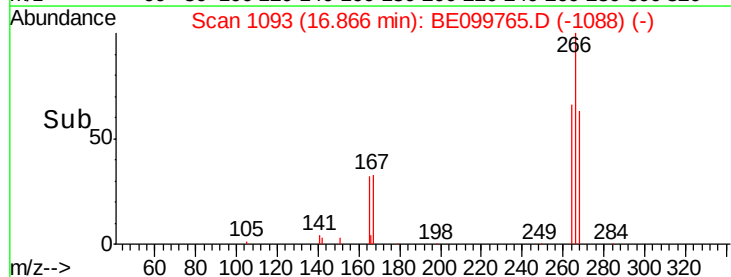
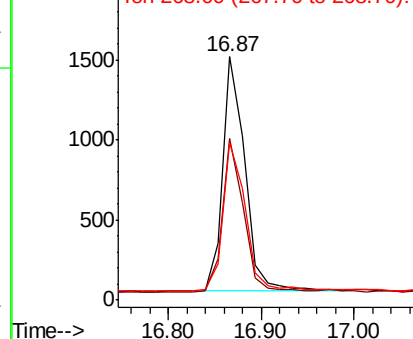


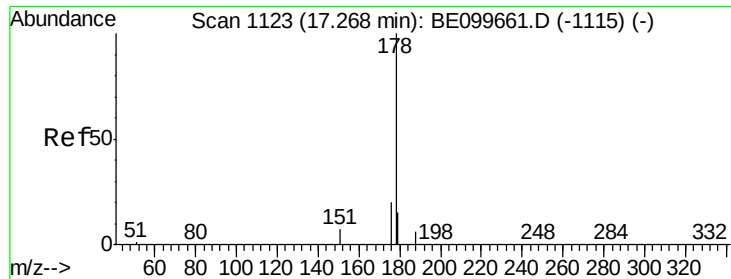
#22
Pentachlorophenol
Concen: 1.329 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.04 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion:	266	Resp:	2456
Ion Ratio	Lower	Upper	
266	100		
264	66.3	57.2	85.8
268	64.9	60.5	90.7



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





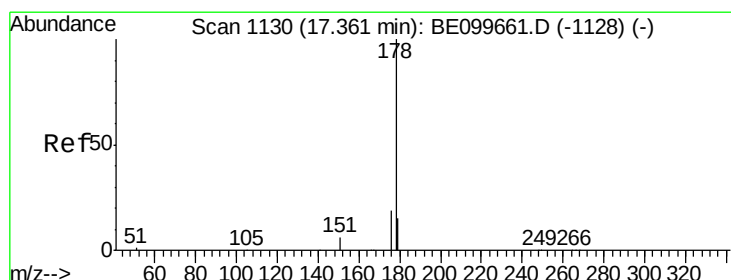
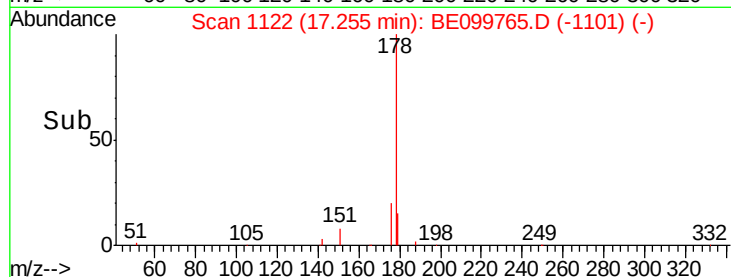
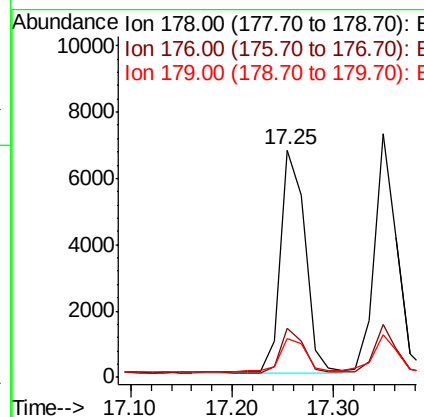
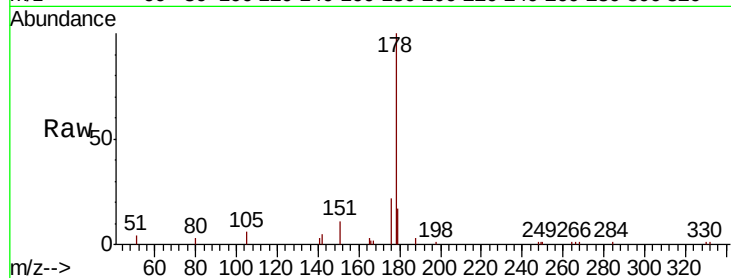
#23
Phenanthrene
Concen: 0.442 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :
MW2-R1-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	17.0	12.2	18.4

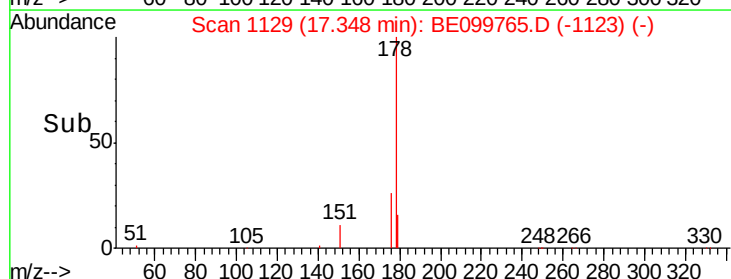
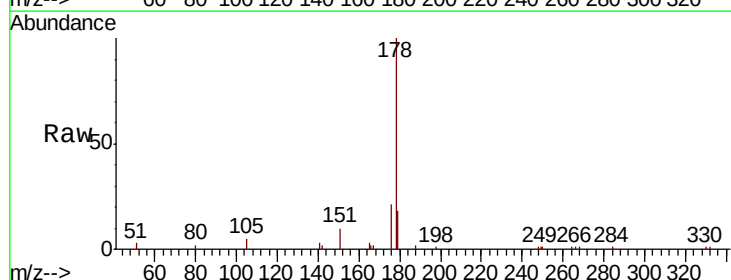
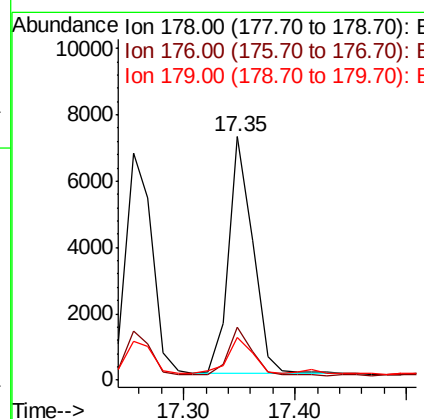
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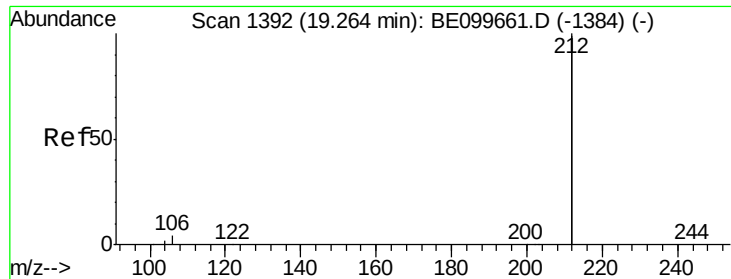
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#24
Anthracene
Concen: 0.467 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.7	22.1
179	15.8	12.0	18.0





#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

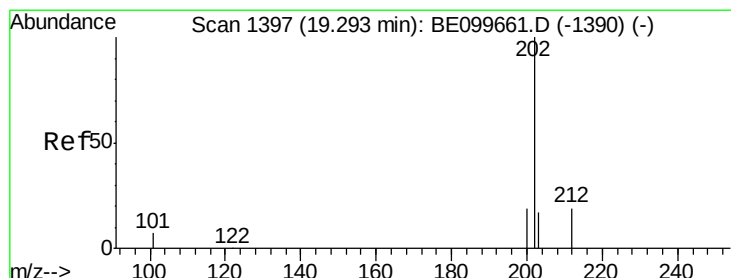
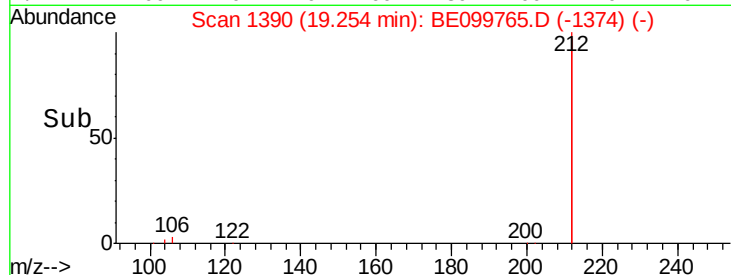
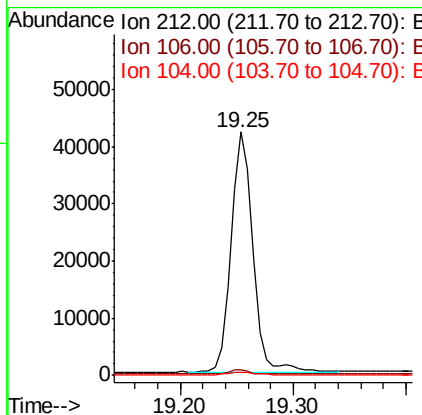
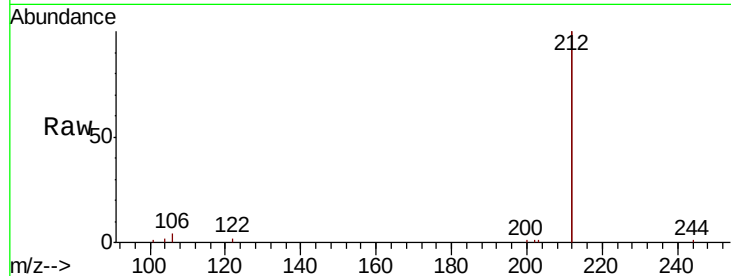
ClientSampleId :

MW2-R1-1MSD

Tot Ion:212	Resp:	56503
Ion Ratio	Lower	Upper
212 100		
106 1.7	1.4	2.2
104 1.2	0.8	1.2

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#26

Fluoranthene

Concen: 0.481 ng

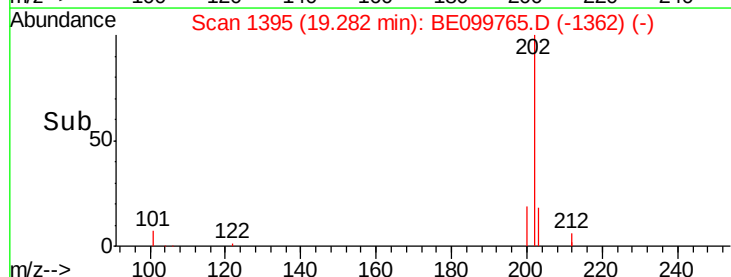
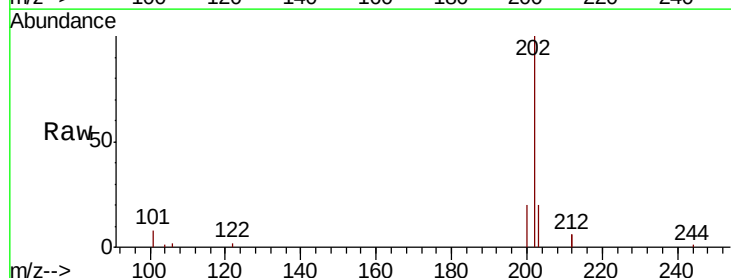
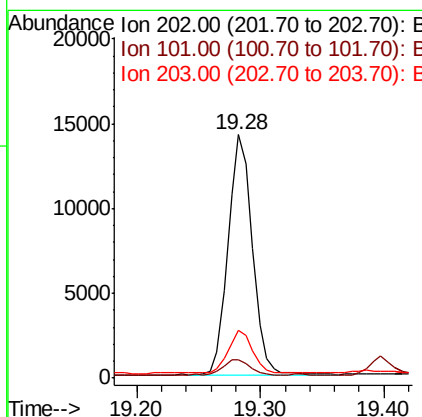
RT: 19.28 min Scan# 1395

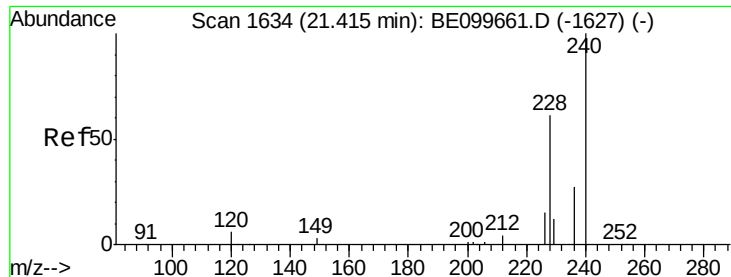
Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Tgt Ion:202	Resp:	19372
Ion Ratio	Lower	Upper
202 100		
101 7.5	5.2	7.8
203 17.9	13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

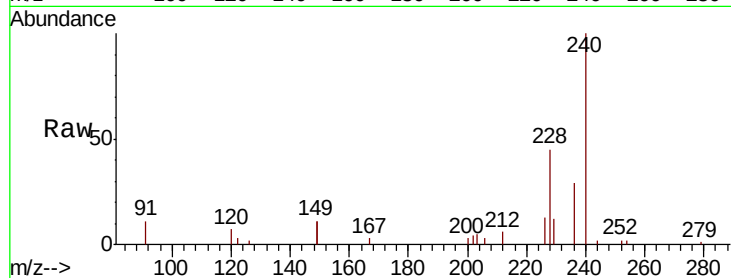
ClientSampleId :

MW2-R1-1MSD

Tot Ion:	240	Resp:	15516
Ion Ratio	Lower	Upper	
240	100		
120	7.4	5.4	8.0
236	29.1	21.7	32.5

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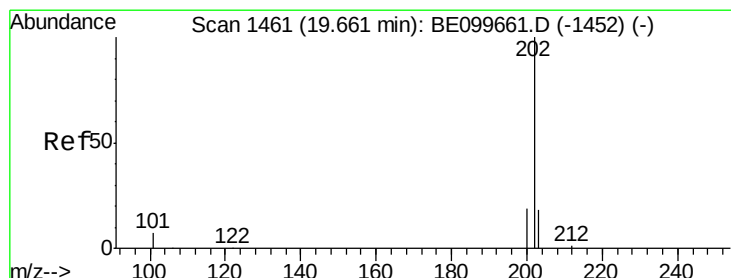
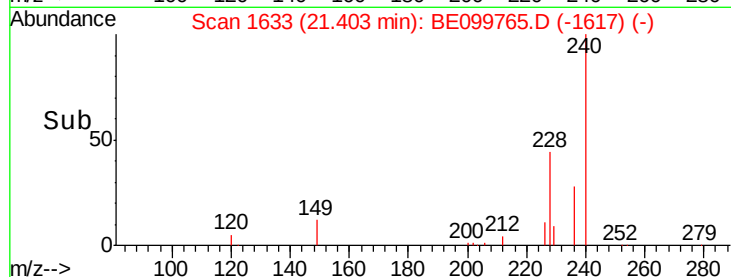
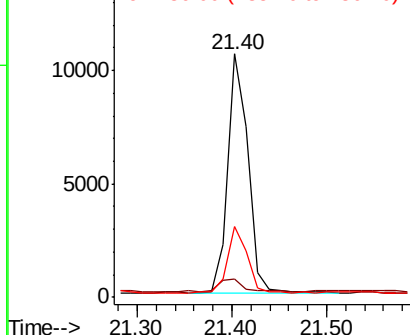


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.518 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

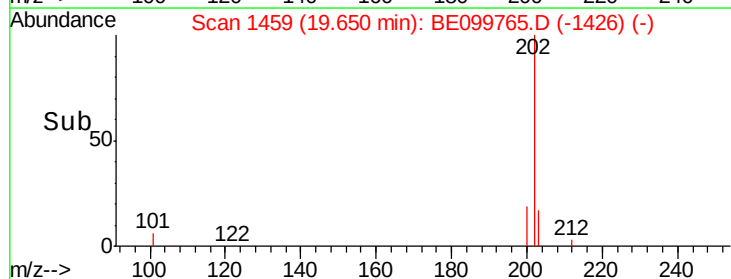
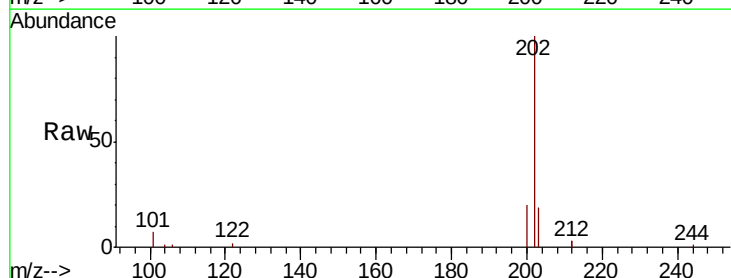
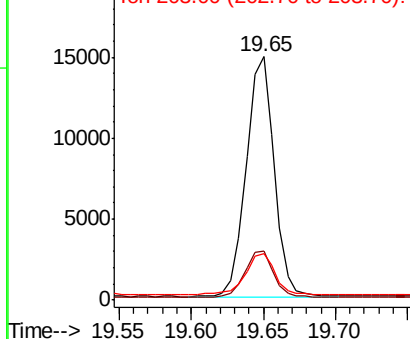
Tgt Ion:	202	Resp:	20205
Ion Ratio	Lower	Upper	
202	100		
200	19.6	15.4	23.2
203	19.0	13.8	20.8

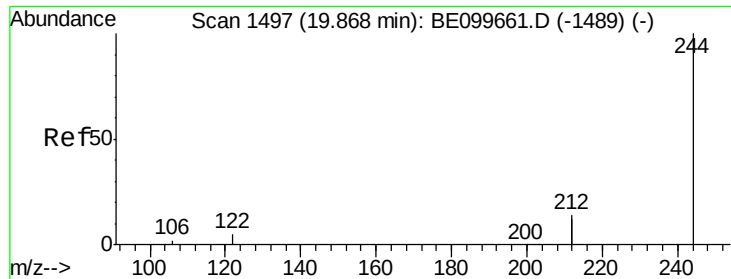
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





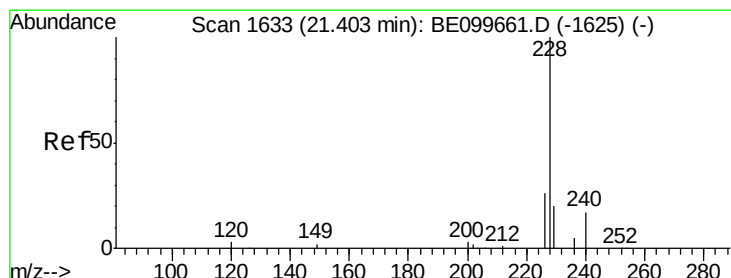
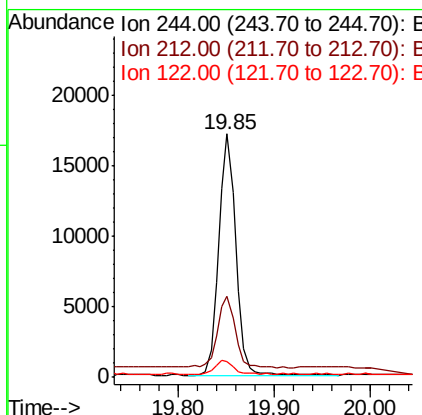
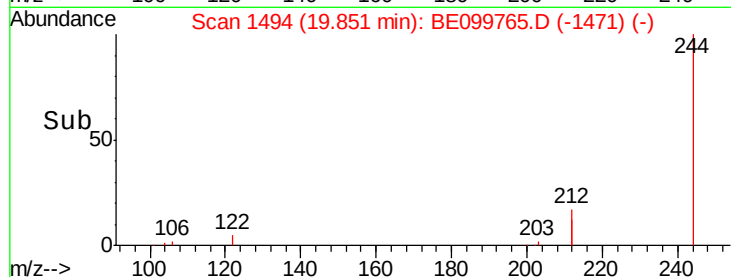
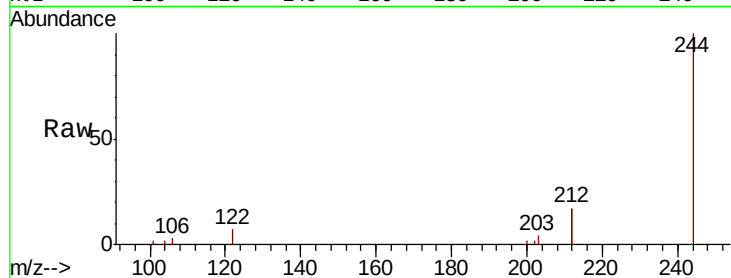
#29
 Terphenyl-d14
 Concen: 0.765 ng
 RT: 19.85 min Scan# 1494
 Delta R.T. -0.02 min
 Lab File: BE099765.D
 Acq: 28 May 2019 20:07

Instrument :
 BNA_E
 ClientSampleId :
 MW2-R1-1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	33.5	22.5	33.7
122	6.6	4.3	6.5

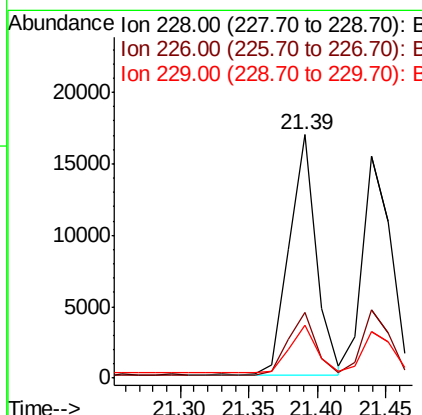
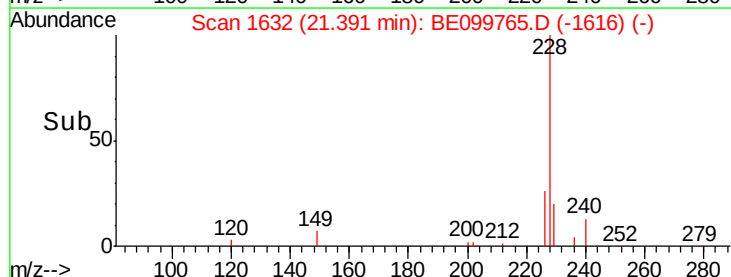
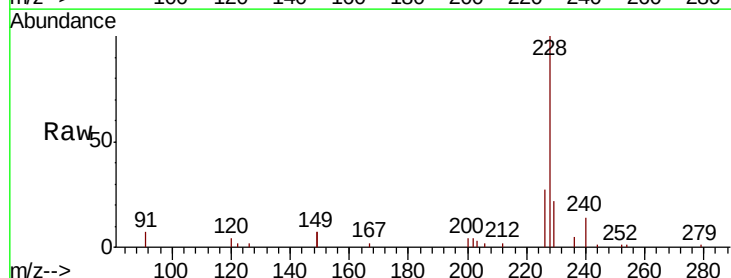
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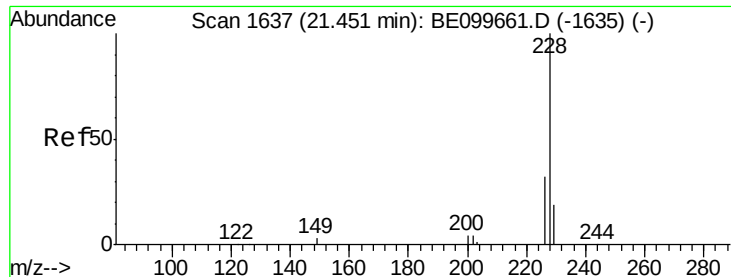
mohammad
 5/29/2019 6:15:43 PM



#30
 Benzo(a)anthracene
 Concen: 0.519 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE099765.D
 Acq: 28 May 2019 20:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.3	31.9
229	21.9	16.1	24.1





#31

Chrysene

Concen: 0.466 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

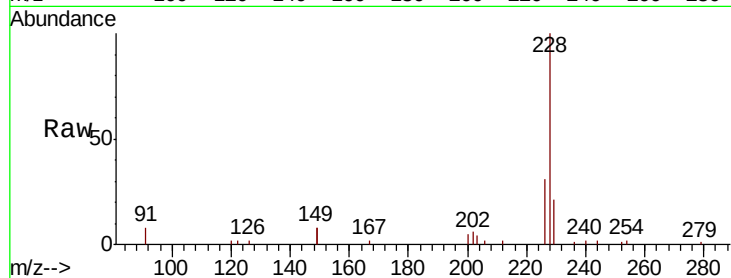
ClientSampleId :

MW2-R1-1MSD

Tot Ion:	228	Resp:	21984
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	21.0	15.8	23.6

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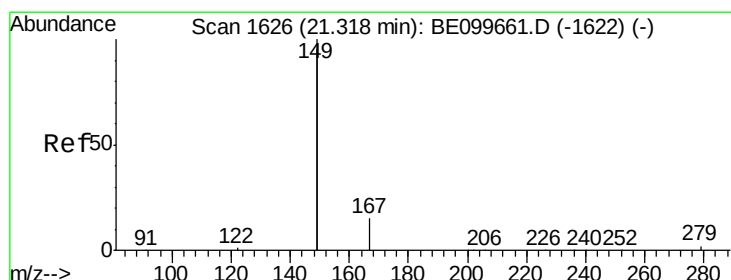
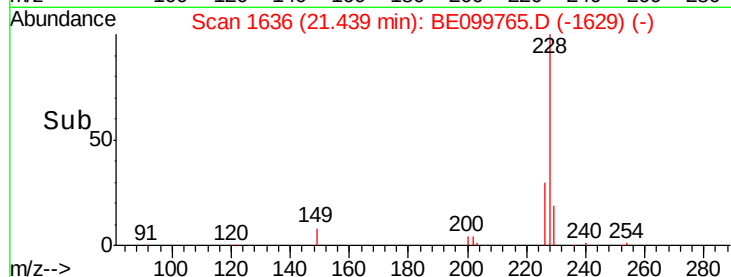
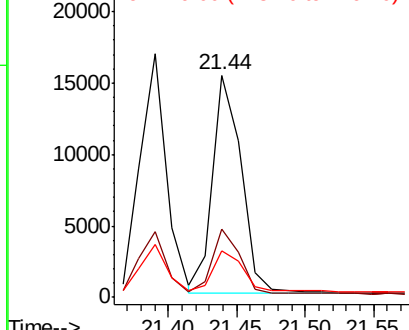


Abundance

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: 1.195 ng

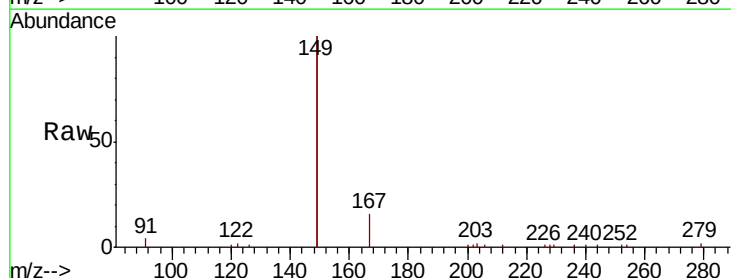
RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Tgt Ion:	149	Resp:	60726
Ion	Ratio	Lower	Upper
149	100		
167	7.8	6.2	9.4
279	1.5	1.2	1.8

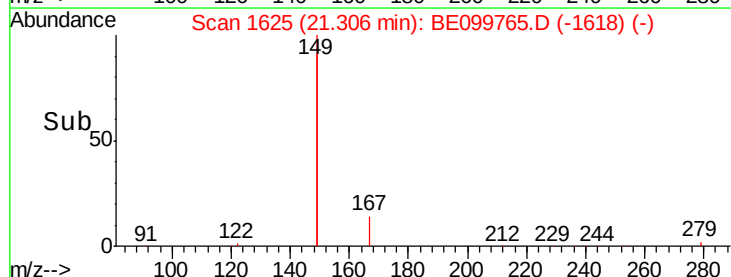
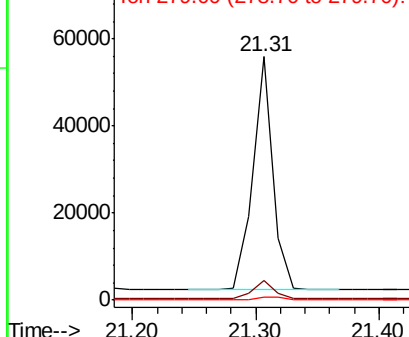


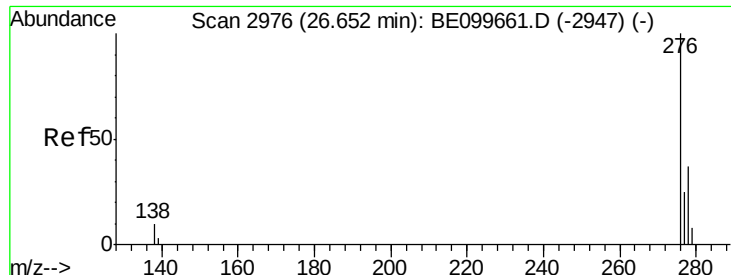
Abundance

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





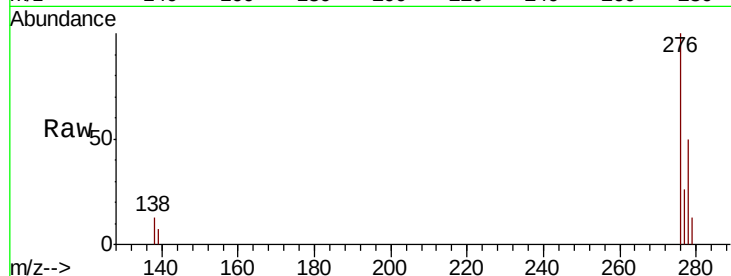
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.418 ng
 RT: 26.63 min Scan# 2970
 Delta R.T. -0.02 min
 Lab File: BE099765.D
 Acq: 28 May 2019 20:07

Instrument :
 BNA_E
 ClientSampleId :
 MW2-R1-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.2	9.6	14.4
277	24.7	19.2	28.8

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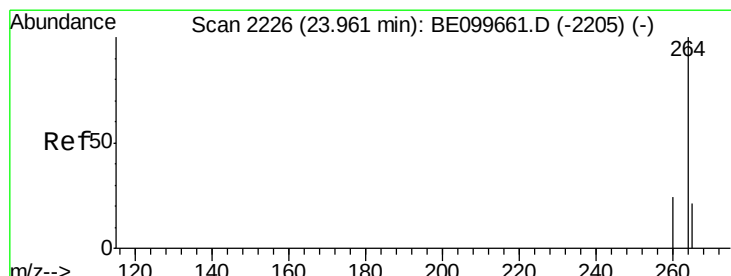
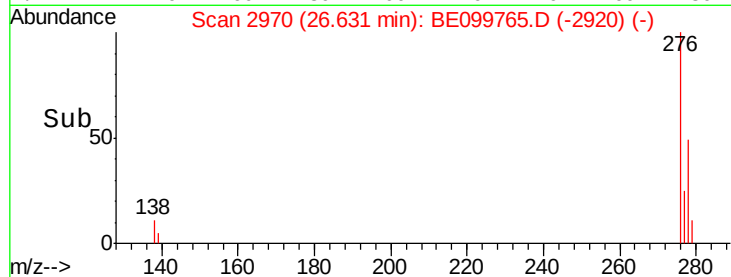
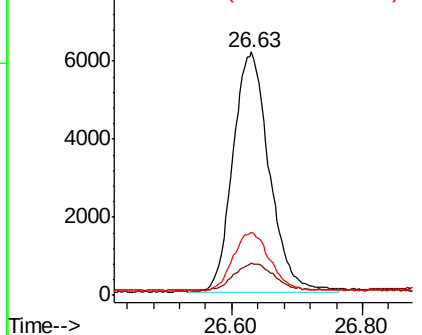


Abundance

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: 23.94 min Scan# 2220
 Delta R.T. -0.02 min
 Lab File: BE099765.D
 Acq: 28 May 2019 20:07

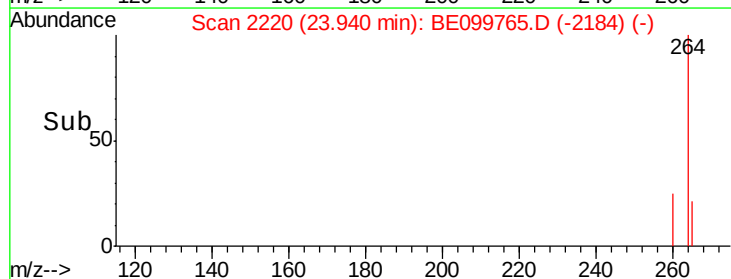
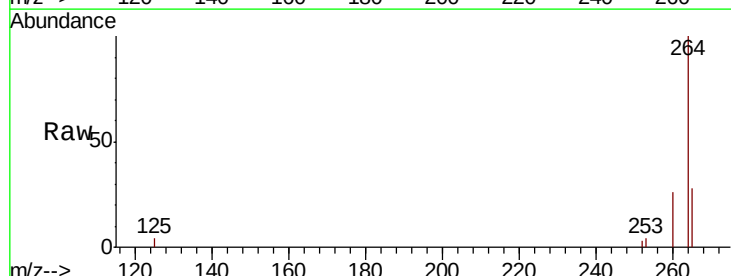
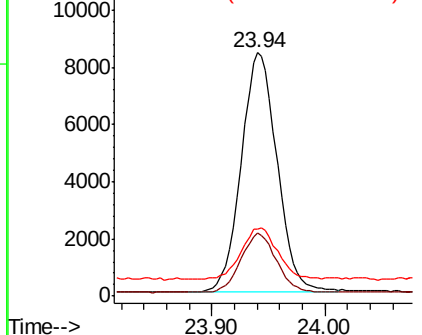
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.6	29.4
265	27.5	19.1	28.7

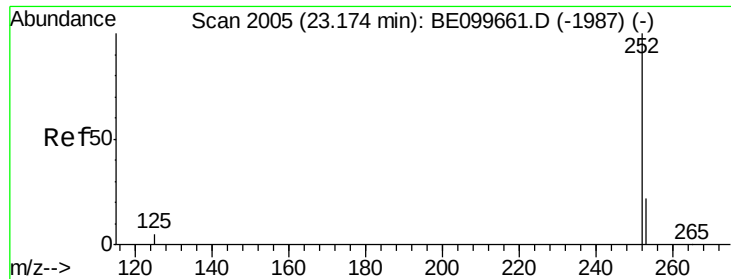
Abundance

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





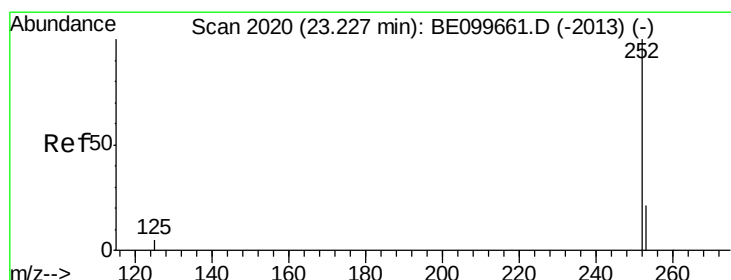
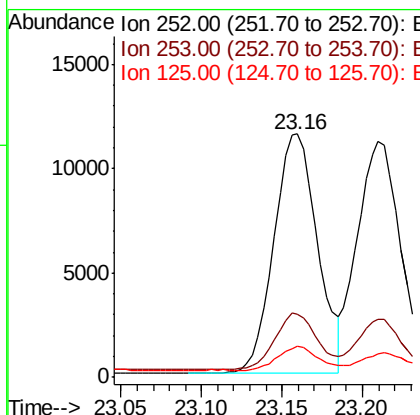
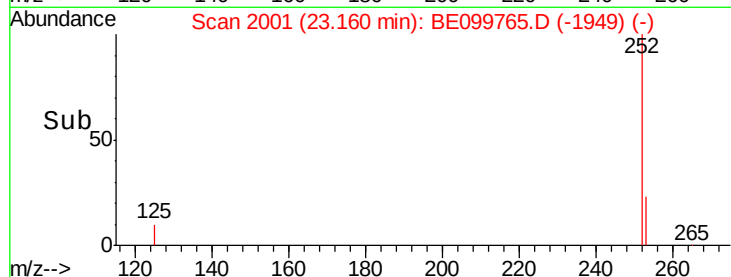
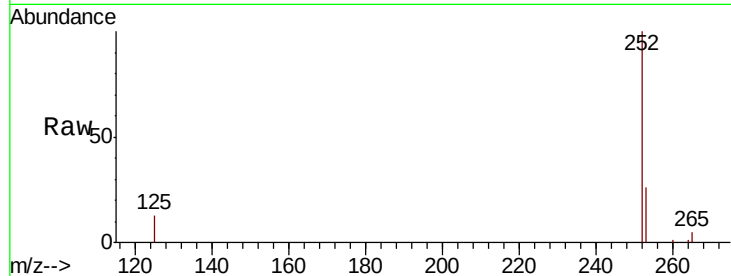
#35
Benzo(b)fluoranthene
Concen: 0.426 ng
RT: 23.16 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :
MW2-R1-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.2	27.4
125	12.8	4.5	6.7#

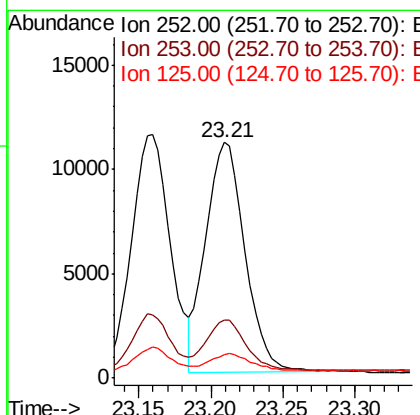
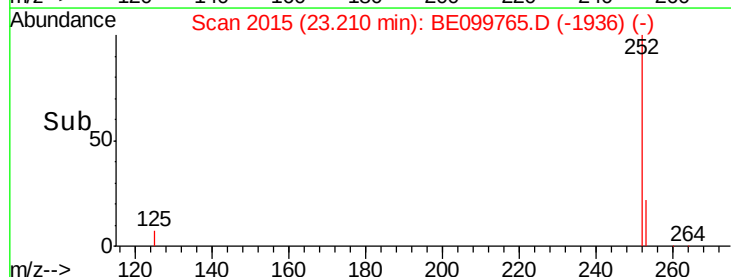
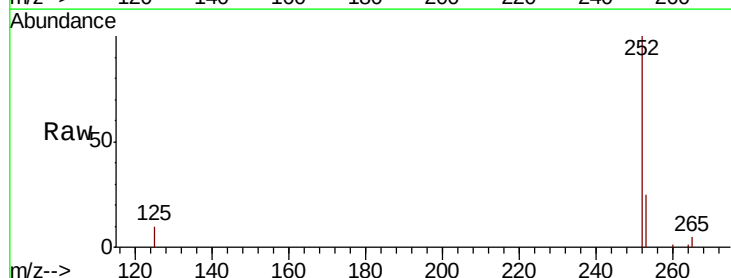
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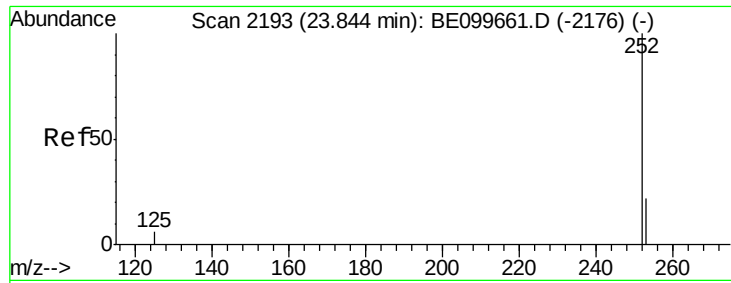
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5/29/2019 6:15:43 PM



#36
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 23.21 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.8
125	9.8	4.6	6.8#





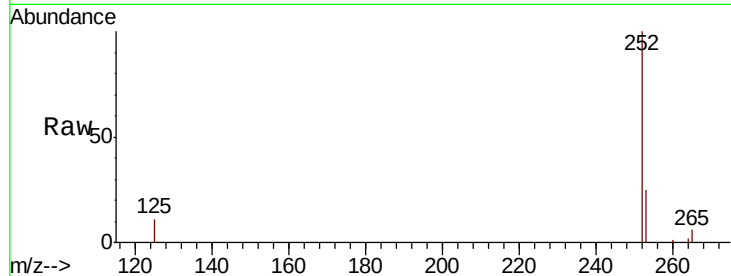
#37
Benzo(a)pyrene
Concen: 0.419 ng
RT: 23.83 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

Instrument :
BNA_E
ClientSampleId :
MW2-R1-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.9	28.3
125	10.6	5.4	8.0

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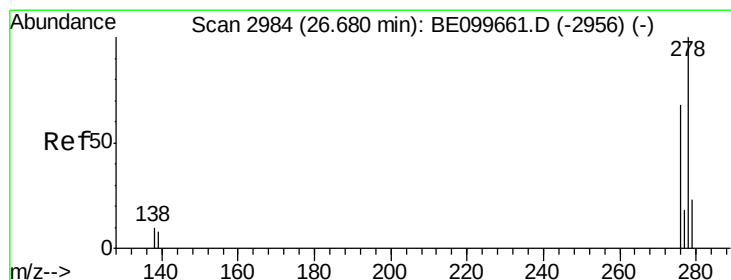
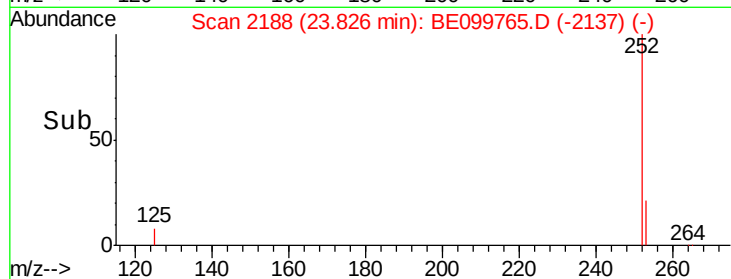
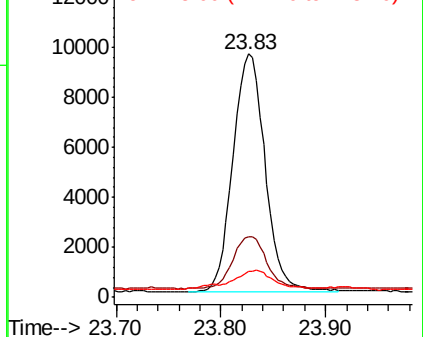


Abundance

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: 0.375 ng
RT: 26.65 min Scan# 2976
Delta R.T. -0.03 min
Lab File: BE099765.D
Acq: 28 May 2019 20:07

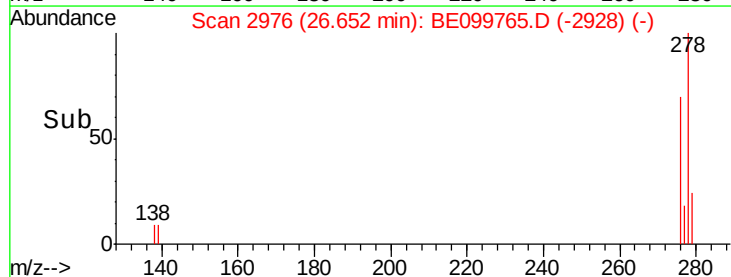
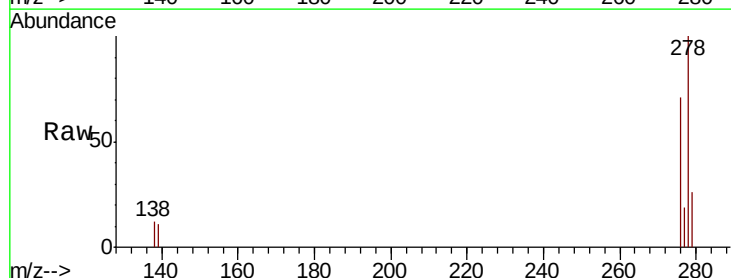
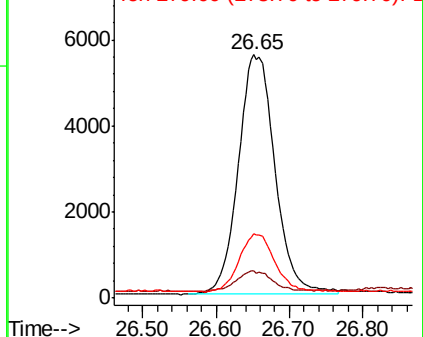
Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.2	6.9	10.3
279	26.3	19.2	28.8

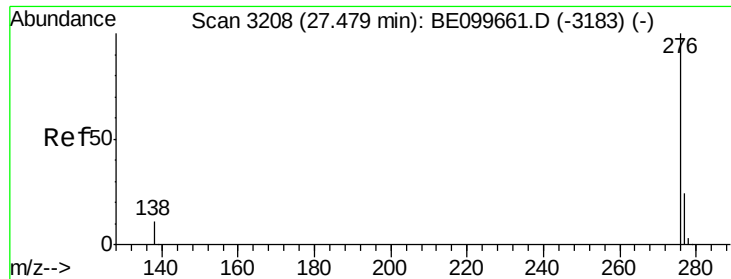
Abundance

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: 0.398 ng

RT: 27.45 min Scan# 3201

Delta R.T. -0.02 min

Lab File: BE099765.D

Acq: 28 May 2019 20:07

Instrument :

BNA_E

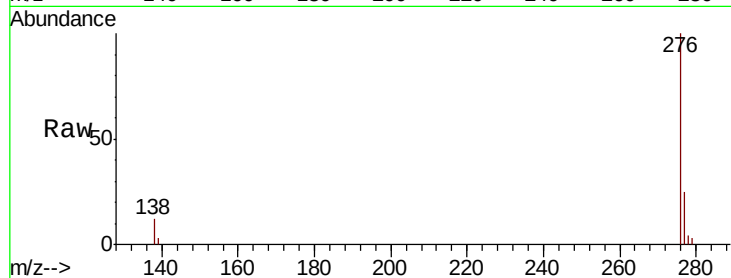
ClientSampleId :

MW2-R1-1MSD

Tot Ion:	276	Resp:	20598
Ion Ratio	Lower	Upper	
276	100		
277	24.9	19.8	29.6
138	12.3	9.2	13.8

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

