

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
 Data File : BE100019.D
 Acq On : 14 Jun 2019 12:17
 Operator : JU/SJ
 Sample : K3284-06MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW10-20190609MS

Manual Integrations
 APPROVED

mohammad
 6/17/2019 4:51:26 PM

Quant Time: Jun 17 06:56:40 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	902	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	3197	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	2550	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	7534	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	9671	0.40	ng	-0.01
34) Perylene-d12	23.92	264	10843	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	537	0.22	ng	0.00
5) Phenol-d6	6.96	99	388	0.12	ng	0.00
8) Nitrobenzene-d5	8.95	82	1364	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	12.19	152	2117m	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	861	0.46	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	4391	0.45	ng	-0.03
25) Fluoranthene-d10	19.24	212	44969	0.41	ng	0.00
29) Terphenyl-d14	19.84	244	10798	0.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	269	0.202	ng	# 67
3) n-Nitrosodimethylamine	3.61	42	84m	0.109	ng	
6) bis(2-Chloroethyl)ether	7.22	93	895	0.349	ng	82
9) Naphthalene	10.64	128	15815	0.458	ng	99
10) Hexachlorobutadiene	10.91	225	1111	0.422	ng	98
12) 2-Methylnaphthalene	12.27	142	2554	0.456	ng	98
16) Acenaphthylene	14.18	152	5048	0.398	ng	# 96
17) Acenaphthene	14.53	154	2752	0.398	ng	96
18) Fluorene	15.50	166	4444	0.428	ng	# 98
20) 4-Bromophenyl-phenylether	16.40	248	1853	0.434	ng	# 88
21) Hexachlorobenzene	16.51	284	1715	0.393	ng	# 92
22) Pentachlorophenol	16.85	266	2514	1.497	ng	# 81
23) Phenanthrene	17.24	178	7317	0.400	ng	# 90
24) Anthracene	17.34	178	7584	0.452	ng	# 89
26) Fluoranthene	19.27	202	11861	0.382	ng	97
28) Pyrene	19.63	202	11783	0.464	ng	94
30) Benzo(a)anthracene	21.38	228	13537	0.468	ng	95
31) Chrysene	21.43	228	13112	0.439	ng	93
32) Bis(2-ethylhexyl)phthalate	21.29	149	19201	0.463	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.59	276	13955	0.394	ng	# 94
35) Benzo(b)fluoranthene	23.14	252	12329m	0.406	ng	
36) Benzo(k)fluoranthene	23.19	252	13025	0.410	ng	# 95
37) Benzo(a)pyrene	23.80	252	11960	0.400	ng	# 95
38) Dibenzo(a,h)anthracene	26.62	278	11382	0.378	ng	97
39) Benzo(g,h,i)perylene	27.42	276	12010	0.386	ng	98

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

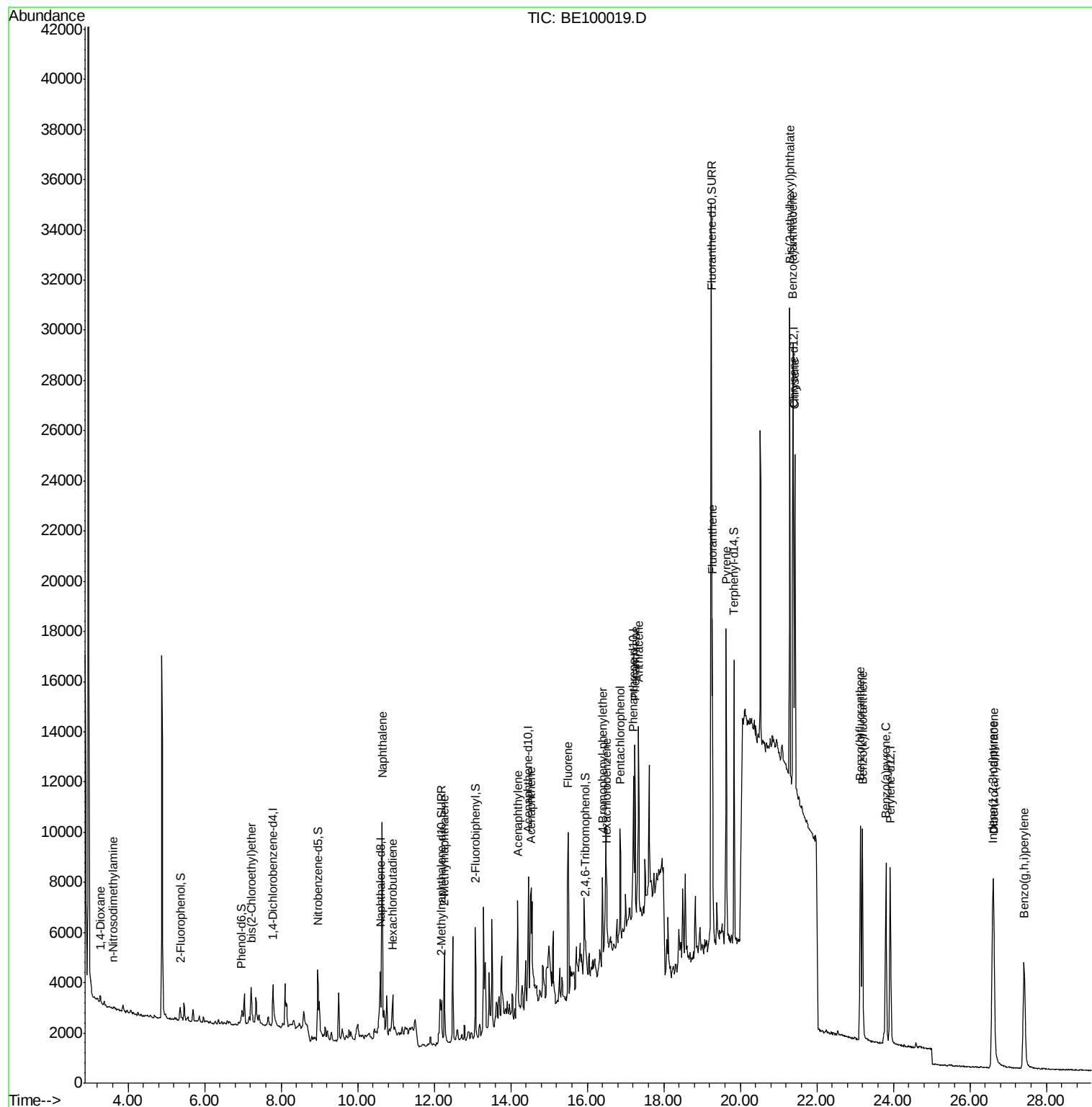
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
Data File : BE100019.D
Acq On : 14 Jun 2019 12:17
Operator : JU/SJ
Sample : K3284-06MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

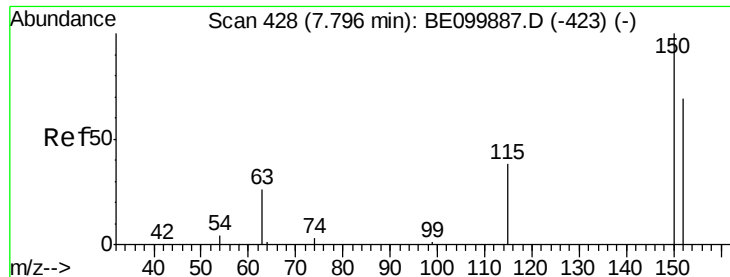
Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MS

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6/17/2019 4:51:26 PM

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#1

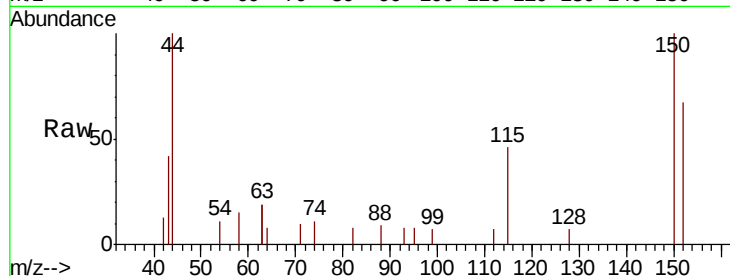
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE100019.D
Acq: 14 Jun 2019 12:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	111.0	166.6
115	68.0	50.7	76.1

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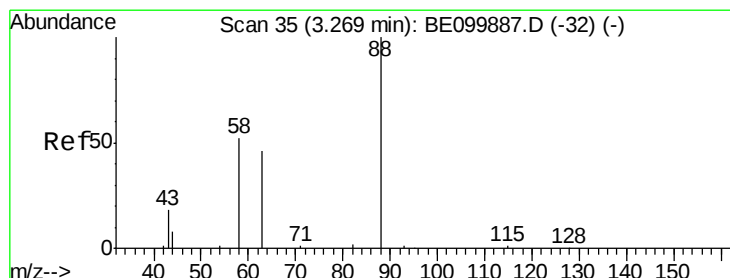
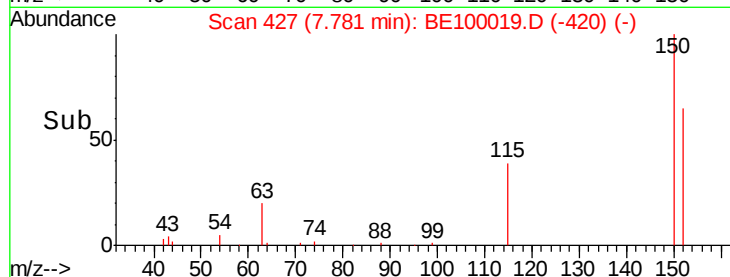
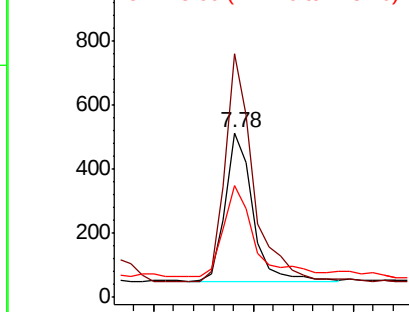


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

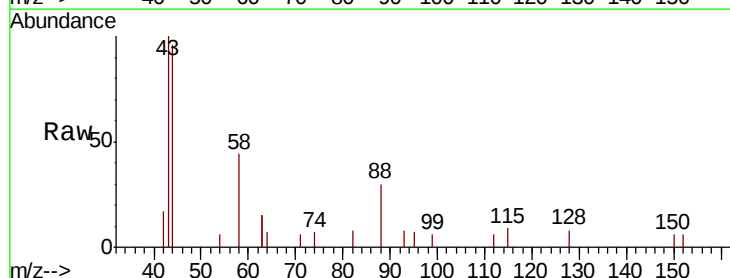
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.202 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE100019.D
Acq: 14 Jun 2019 12:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.0	48.8	73.2
43	76.6	19.0	28.6

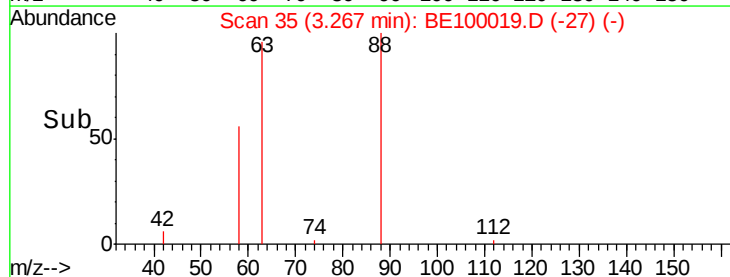
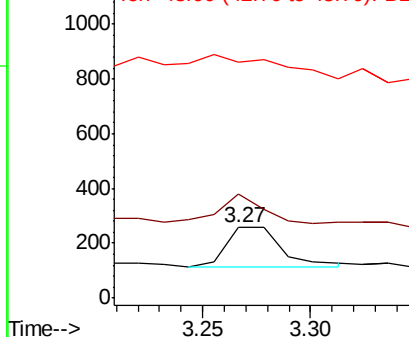


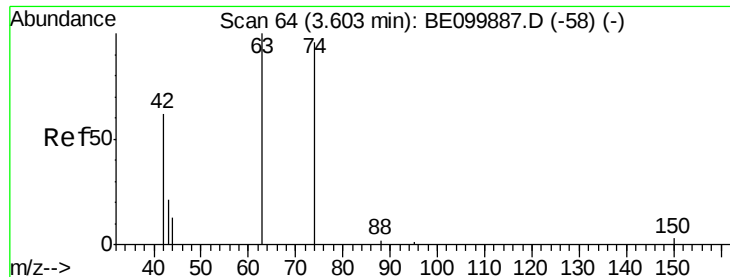
Abundance

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

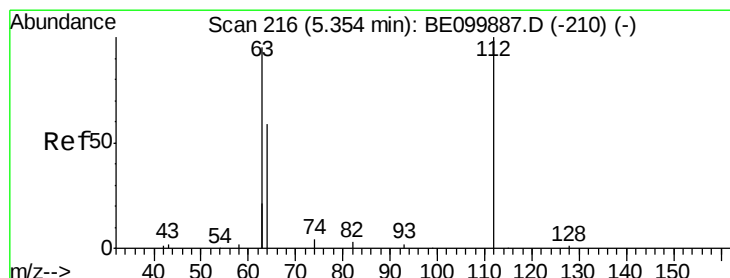
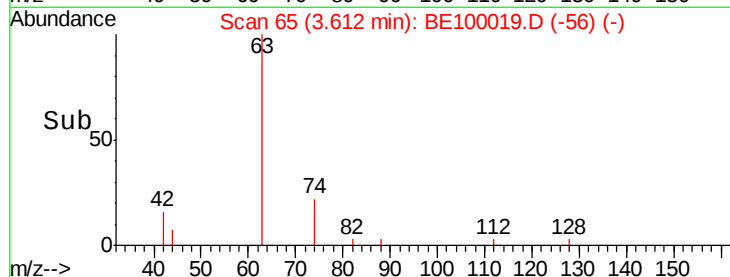
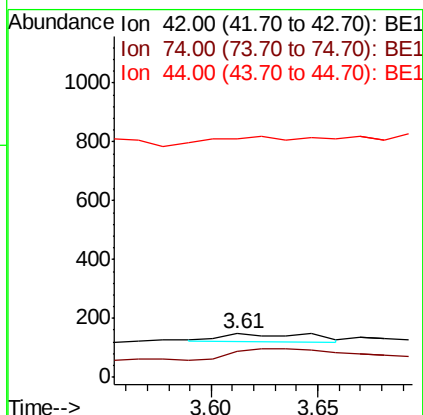
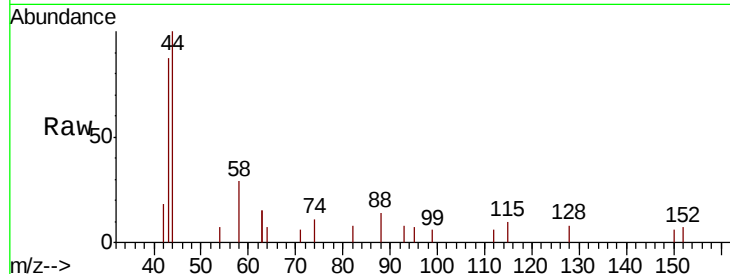
n-Nitrosodimethylamine
 Concen: 0.109 ng/ml
 RT: 3.61 min Scan# 65
 Delta R.T. 0.01 min
 Lab File: BE100019.D
 Acq: 14 Jun 2019 12:17

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW10-20190609MS

Tot Ion	42	Resp:	84
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0

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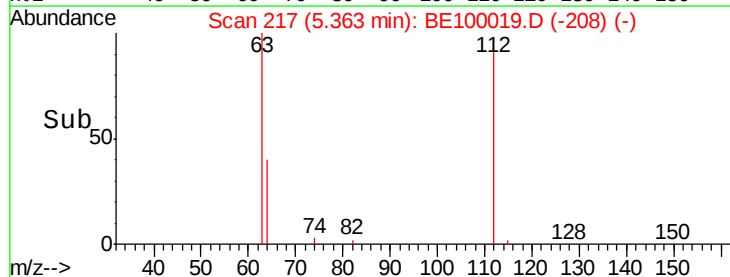
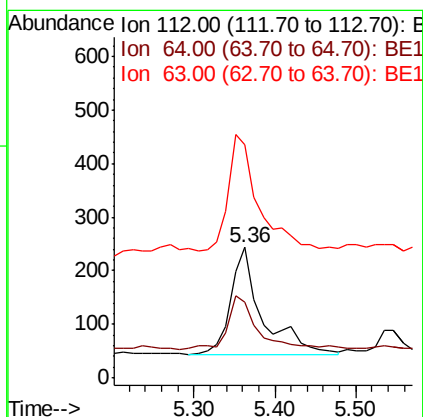
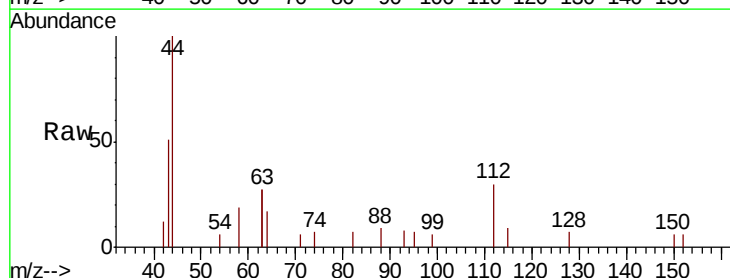
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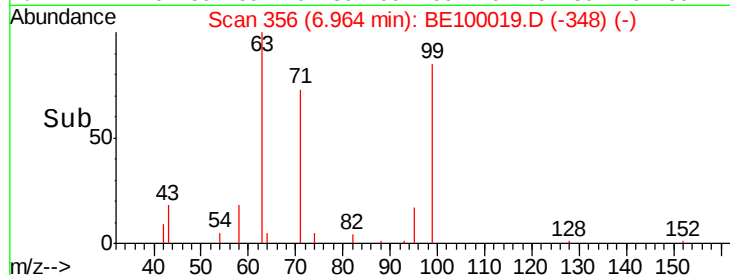
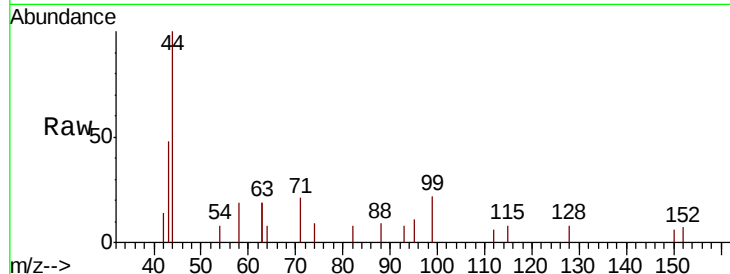
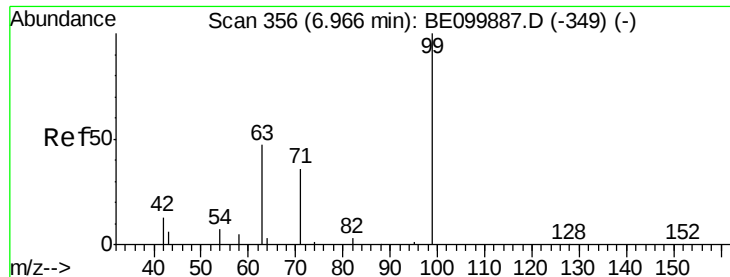


#4

2-Fluorophenol
 Concen: 0.221 ng/ml
 RT: 5.36 min Scan# 217
 Delta R.T. 0.01 min
 Lab File: BE100019.D
 Acq: 14 Jun 2019 12:17

Tgt Ion	112	Resp:	537
Ion	Ratio	Lower	Upper
112	100		
64	46.4	44.1	66.1
63	108.6	87.8	131.6





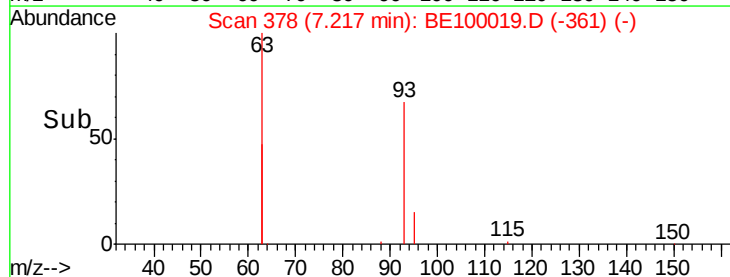
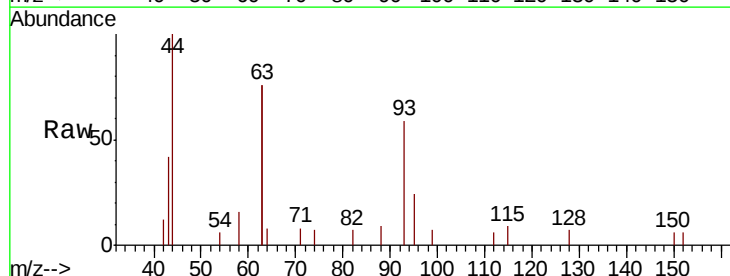
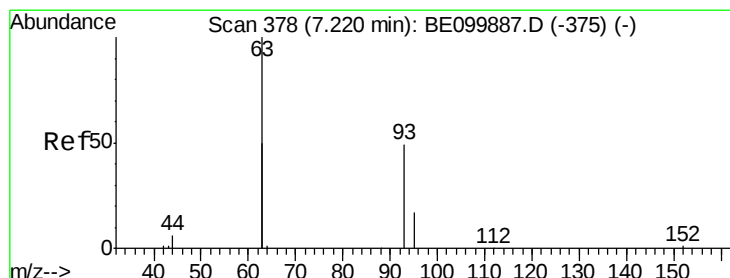
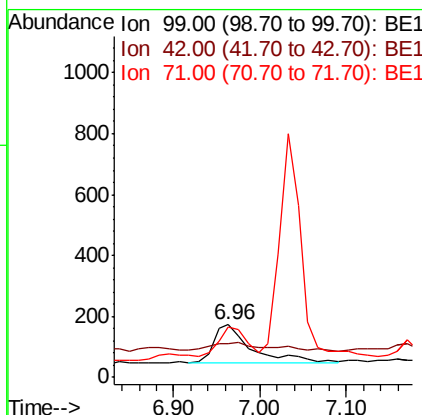
#5
Phenol-d6
Concen: 0.124 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE100019.D
Acq: 14 Jun 2019 12:17

Tot Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.9	23.9
71	62.1	34.6	52.0

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MS

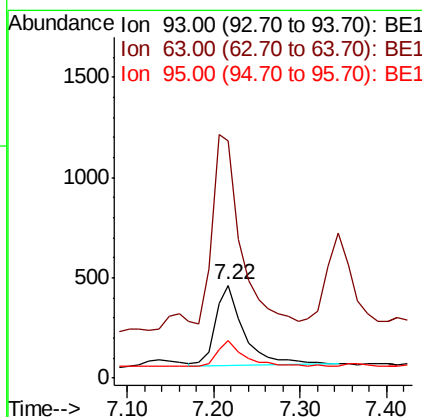
Manual Integrations
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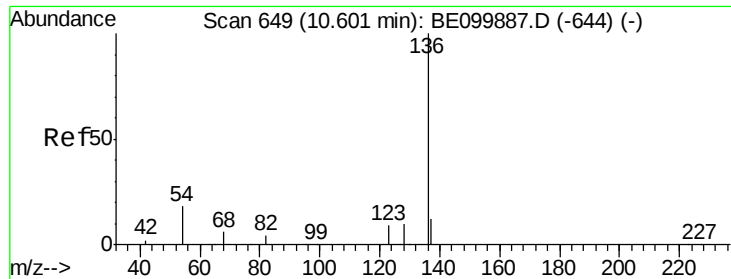
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#6
bis(2-Chloroethyl)ether
Concen: 0.349 ng
RT: 7.22 min Scan# 378
Delta R.T. -0.00 min
Lab File: BE100019.D
Acq: 14 Jun 2019 12:17

Tgt Ion	Ratio	Lower	Upper
93	100		
63	287.3	202.8	304.2
95	33.2	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: BE100019.D

Acq: 14 Jun 2019 12:17

Instrument :

BNA_E

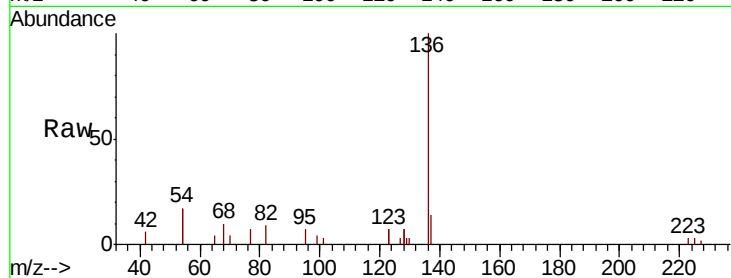
ClientSampleId :

BP-TT-AOC22-MW10-20190609MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	14.4	12.3	18.5
54	33.4	28.2	42.4
68	9.9	7.8	11.8

Manual Integrations
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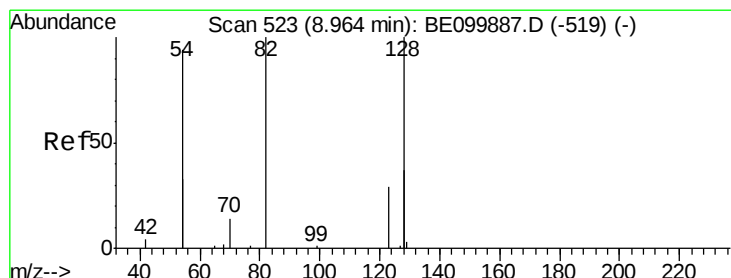
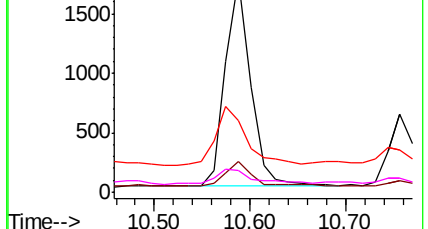
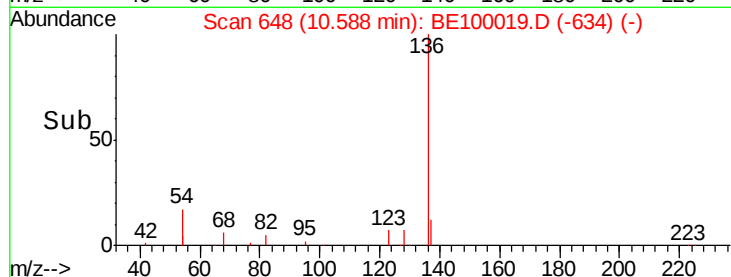


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.451 ng

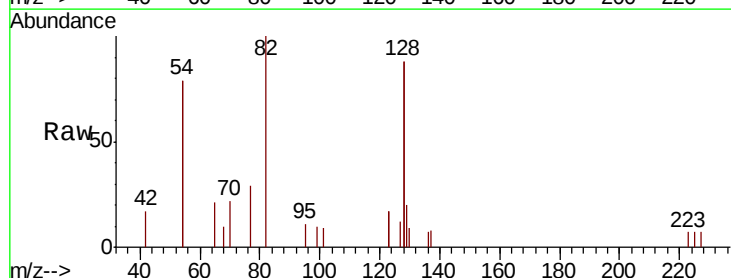
RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE100019.D

Acq: 14 Jun 2019 12:17

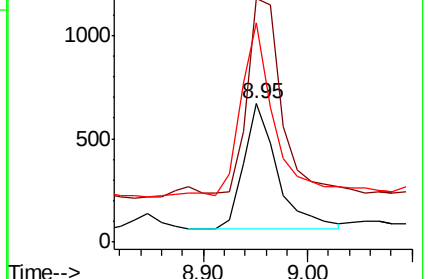
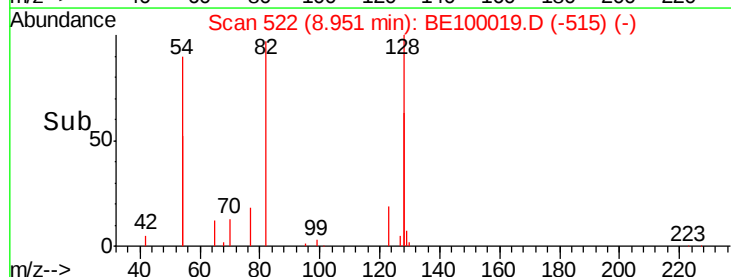
Tgt Ion	Ratio	Lower	Upper
82	100		
128	175.8	137.3	205.9
54	158.5	129.7	194.5

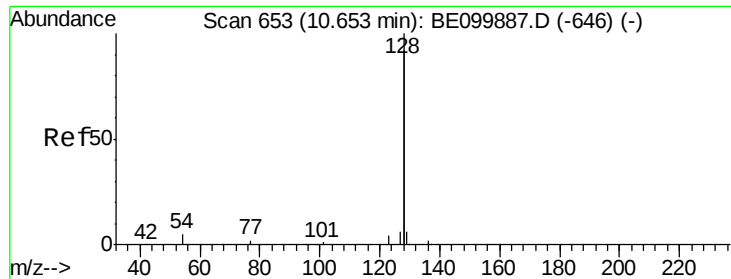


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.458 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100019.D

Acq: 14 Jun 2019 12:17

Instrument :

BNA_E

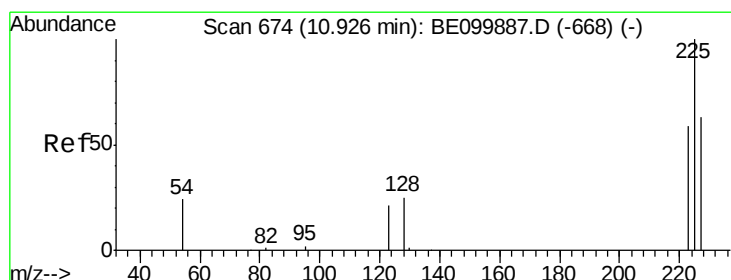
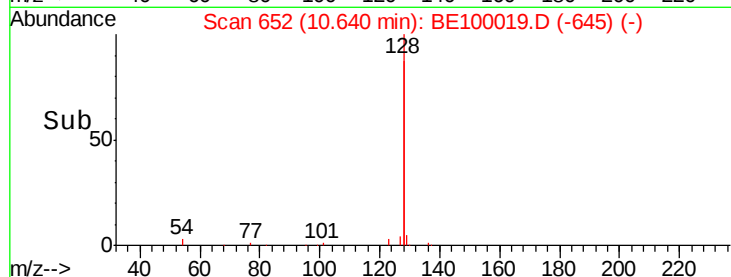
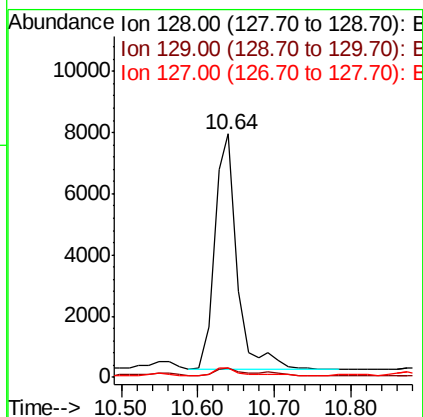
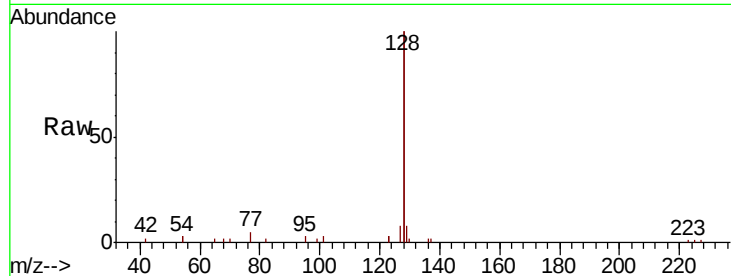
ClientSampleId :

BP-TT-AOC22-MW10-20190609MS

Tot Ion	128	Resp	15815
Ion Ratio	Lower	Upper	
128	100		
129	4.0	3.0	4.6
127	3.8	3.4	5.0

Manual Integrations
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#10

Hexachlorobutadiene

Concen: 0.422 ng

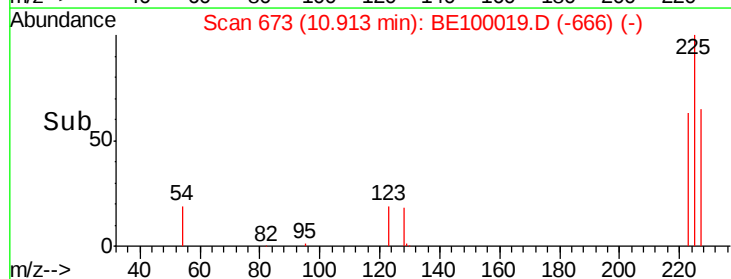
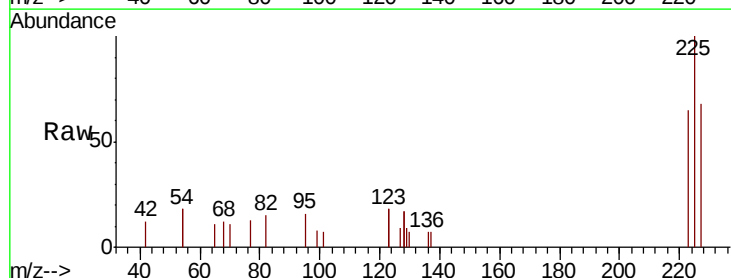
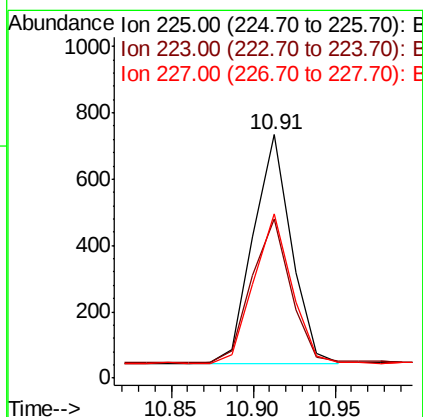
RT: 10.91 min Scan# 673

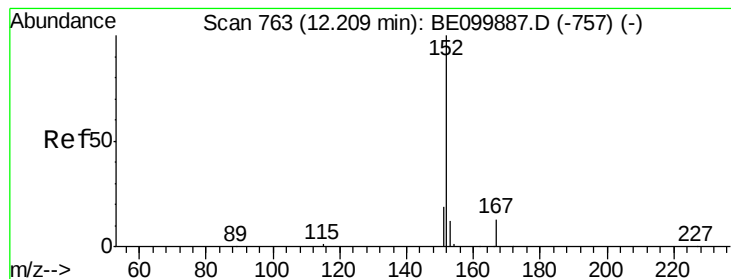
Delta R.T. -0.01 min

Lab File: BE100019.D

Acq: 14 Jun 2019 12:17

Tgt Ion	225	Resp	1111
Ion Ratio	Lower	Upper	
225	100		
223	64.4	51.6	77.4
227	65.6	50.6	76.0





#11

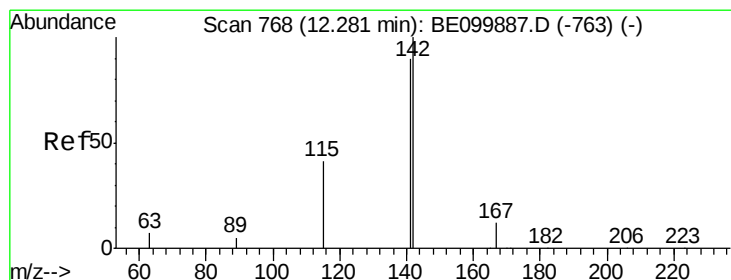
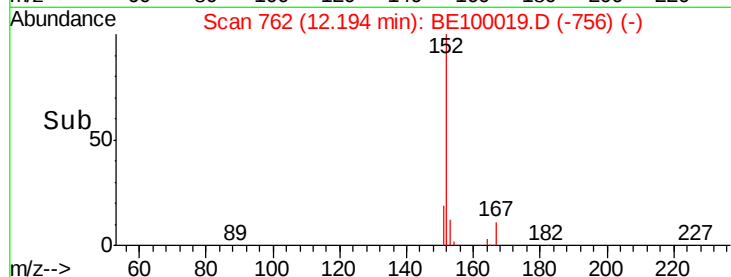
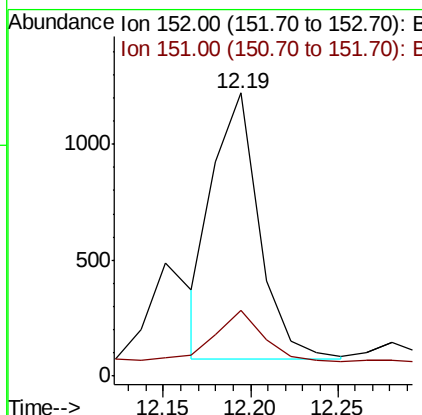
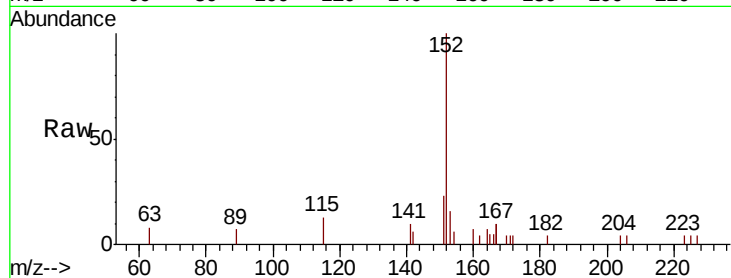
2-Methylnaphthalene-d10
Concen: 0.380 ng m
RT: 12.19 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE100019.D
Acq: 14 Jun 2019 12:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.2	22.8

Manual Integrations
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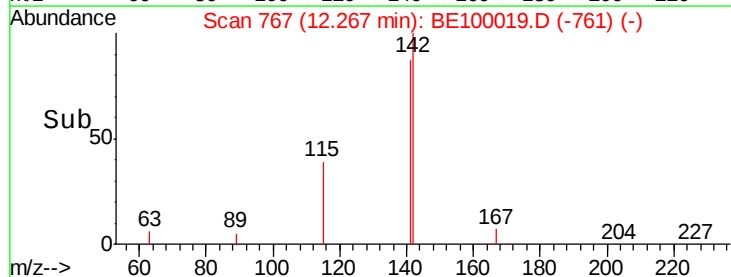
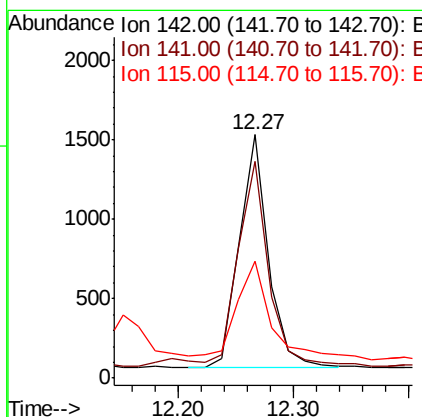
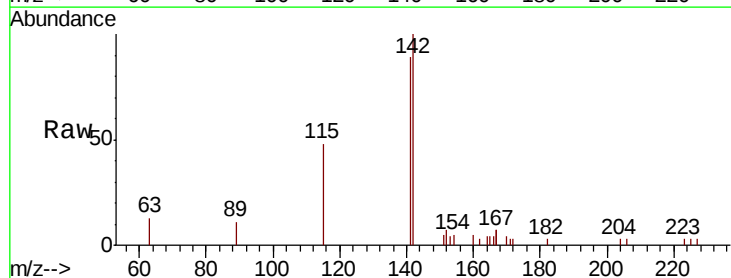
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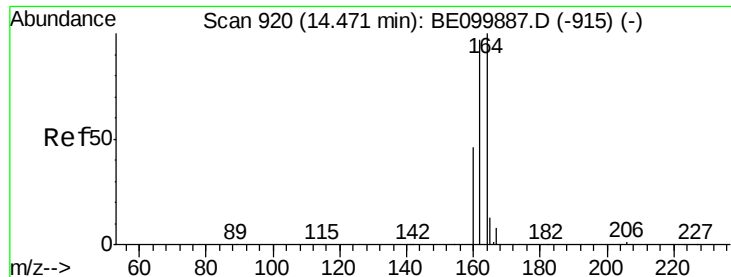


#12

2-Methylnaphthalene
Concen: 0.456 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.01 min
Lab File: BE100019.D
Acq: 14 Jun 2019 12:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.3	108.5
115	48.2	36.4	54.6





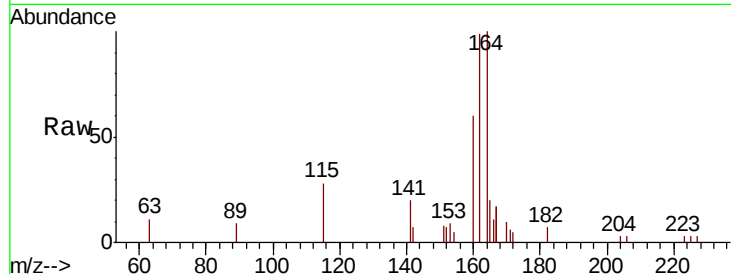
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Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.01 min
Lab File: BE100019.D
Acq: 14 Jun 2019 12:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.7	77.8	116.8
160	60.4	38.2	57.4

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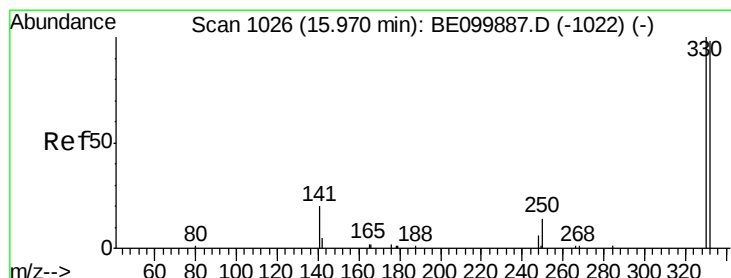
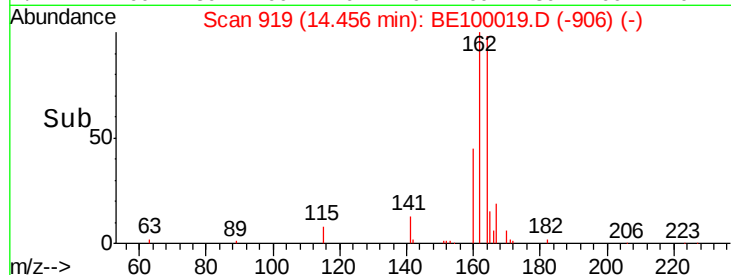
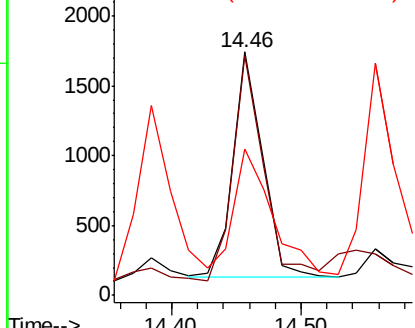


Abundance

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: 0.457 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE100019.D
Acq: 14 Jun 2019 12:17

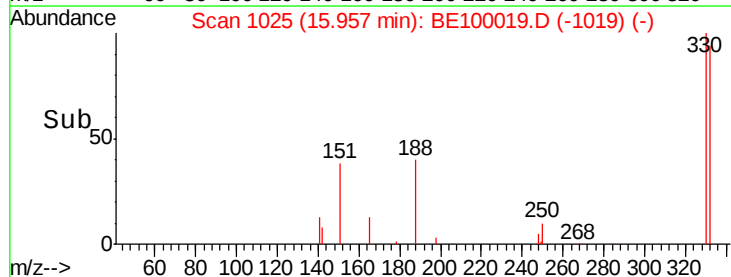
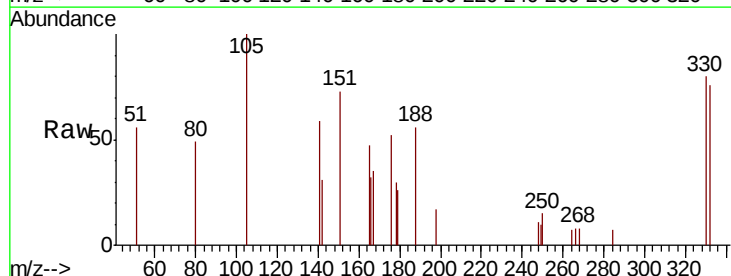
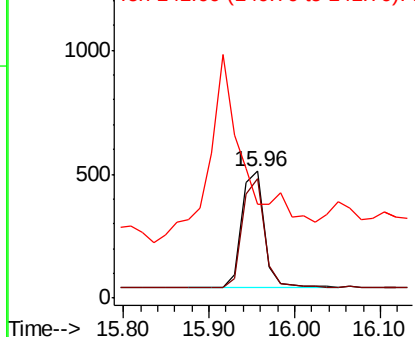
Tgt Ion	Ratio	Lower	Upper
330	100		
332	91.2	76.7	115.1
141	0.0	21.0	31.6

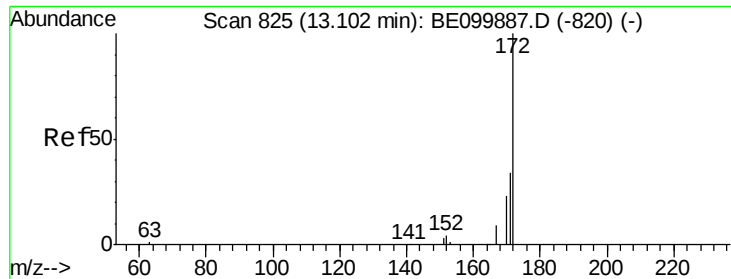
Abundance

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





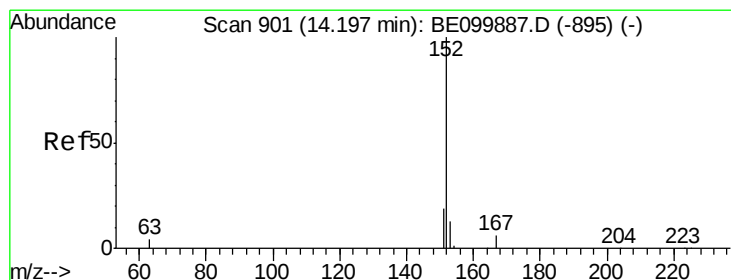
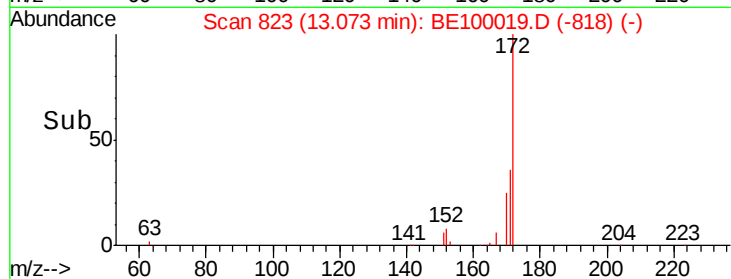
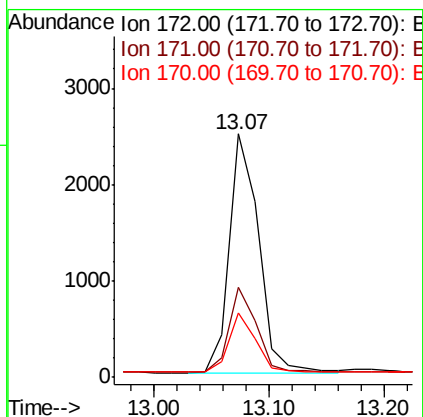
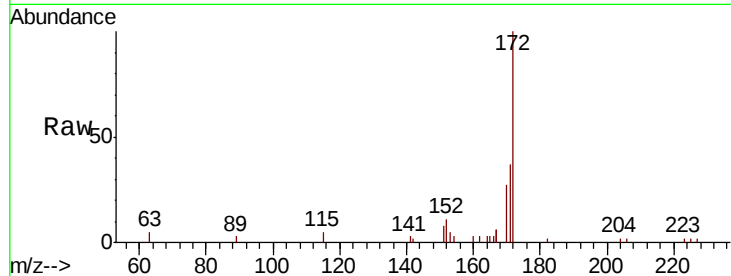
#15
2-Fluorobiphenyl
Concen: 0.454 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.03 min
Lab File: BE100019.D
Acq: 14 Jun 2019 12:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.2	43.8
170	26.7	21.2	31.8

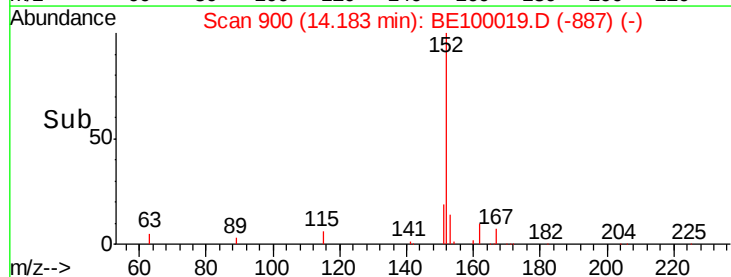
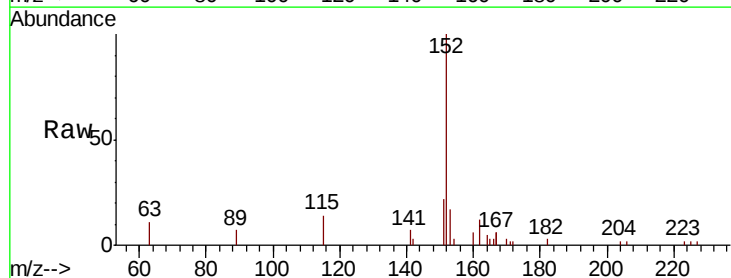
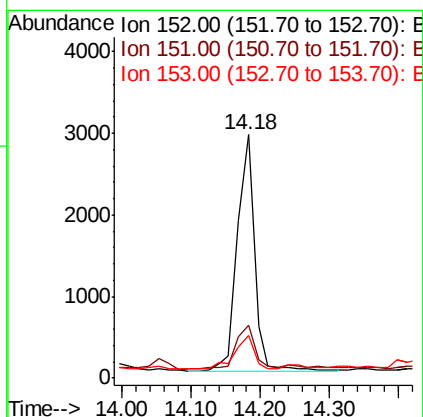
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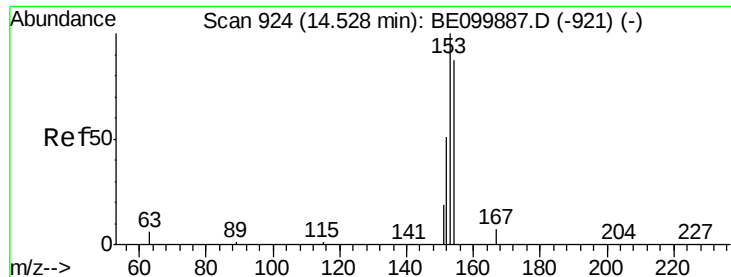
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#16
Acenaphthylene
Concen: 0.398 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE100019.D
Acq: 14 Jun 2019 12:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.5	23.3
153	15.9	10.2	15.2#





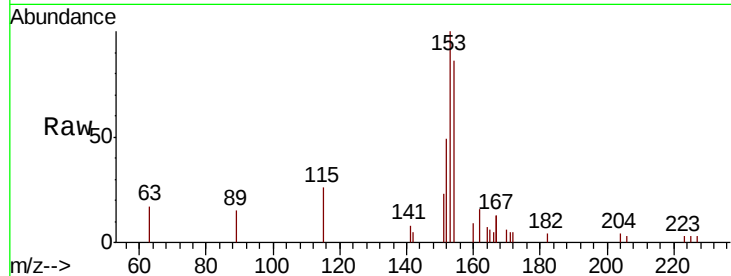
#17
Acenaphthene
Concen: 0.398 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE100019.D
Acq: 14 Jun 2019 12:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	122.2	93.1	139.7
152	59.9	47.0	70.4

Manual Integrations
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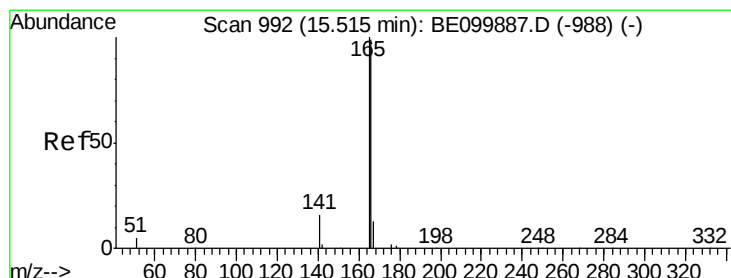
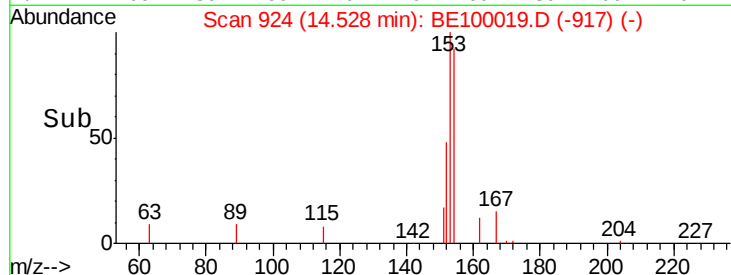
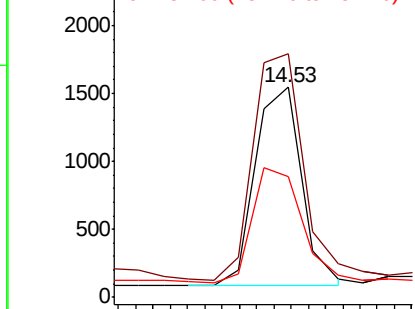


Abundance

Ion 154.00 (153.70 to 154.70): E

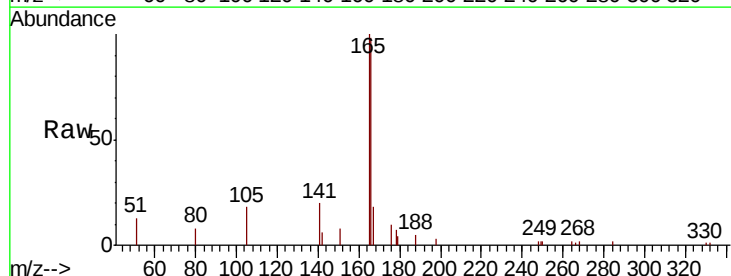
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.428 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE100019.D
Acq: 14 Jun 2019 12:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.7	81.8	122.8
167	17.9	11.2	16.8#

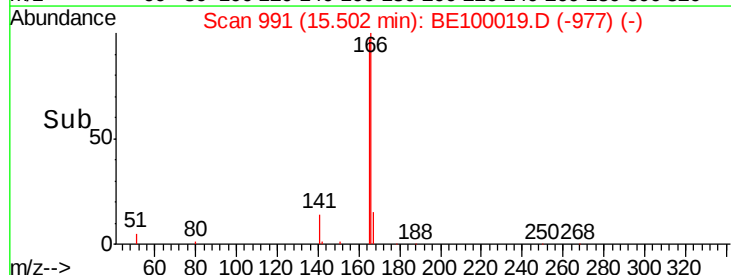
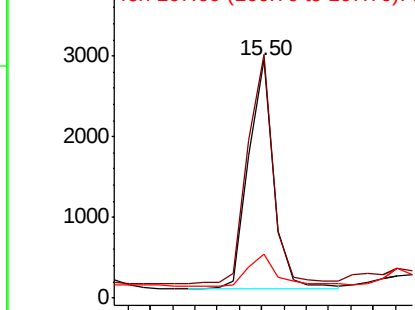


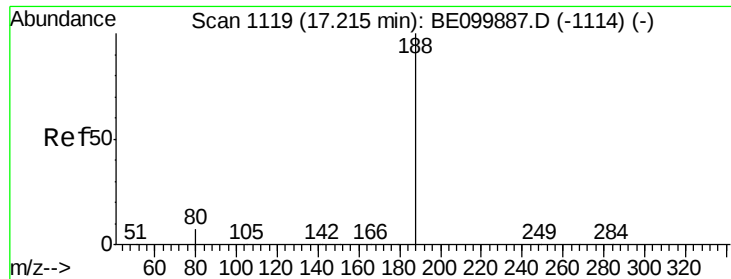
Abundance

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





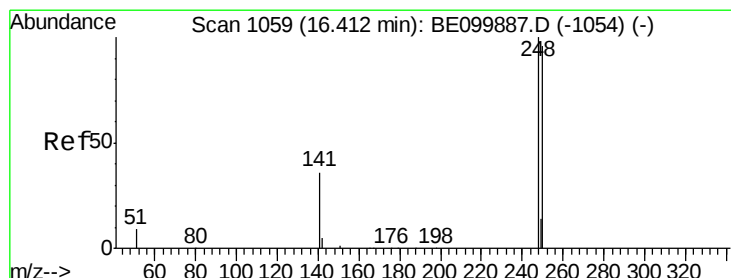
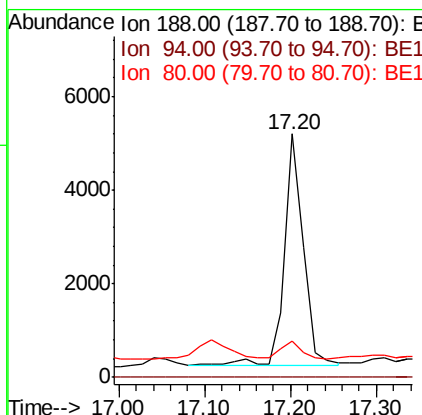
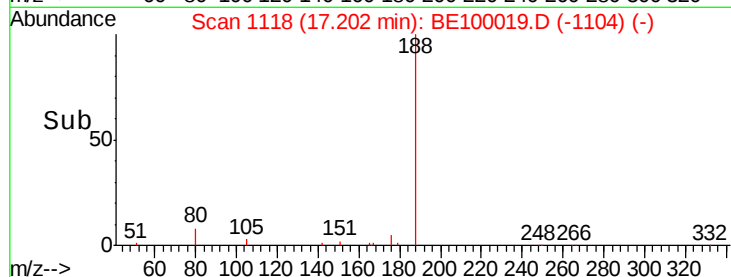
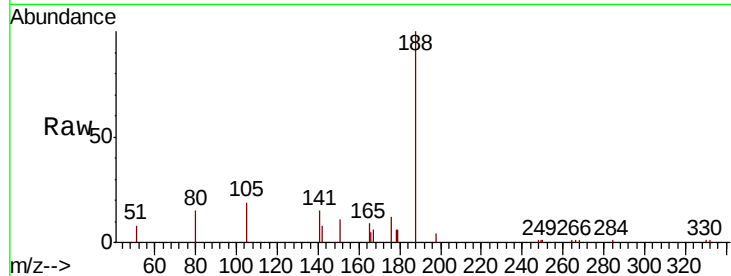
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE100019.D
Acq: 14 Jun 2019 12:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	7534		
94	0.0	0.0	0.0	
80	15.0	6.4	9.6	

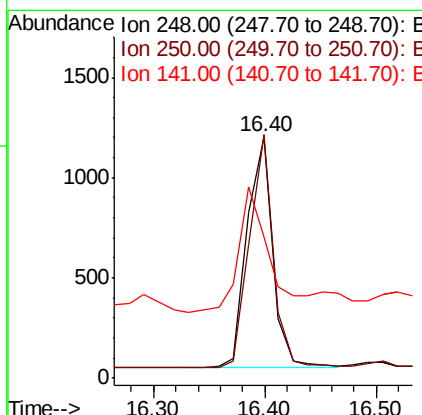
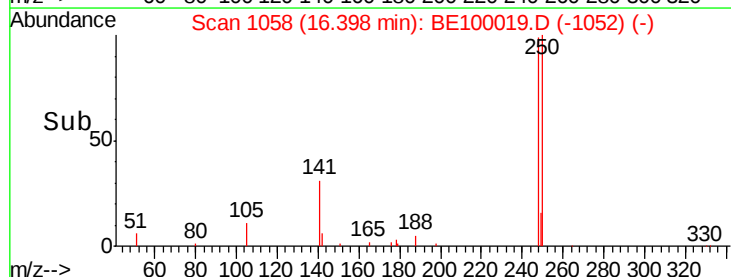
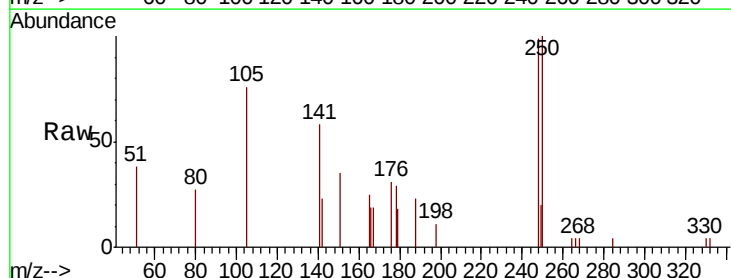
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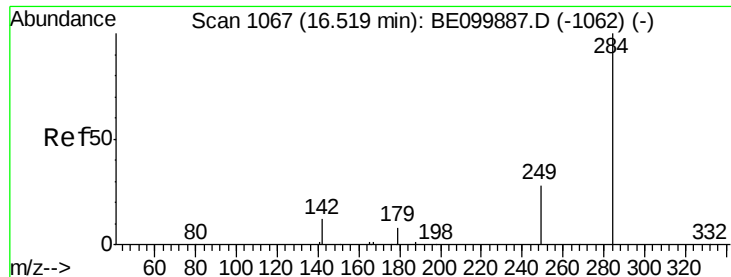
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#20
4-Bromophenyl-phenylether
Concen: 0.434 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE100019.D
Acq: 14 Jun 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	1853		
250	101.0	77.5	116.3	
141	58.5	31.8	47.8	





#21

Hexachlorobenzene

Concen: 0.393 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE100019.D

Acq: 14 Jun 2019 12:17

Instrument :

BNA_E

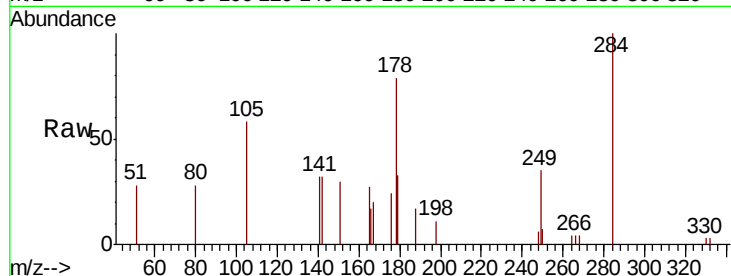
ClientSampleId :

BP-TT-AOC22-MW10-20190609MS

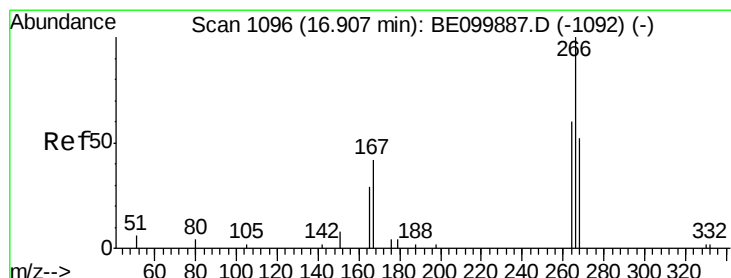
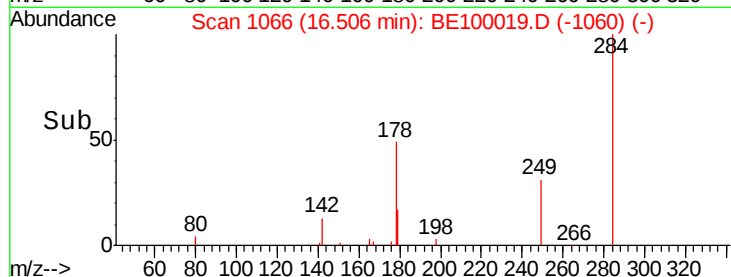
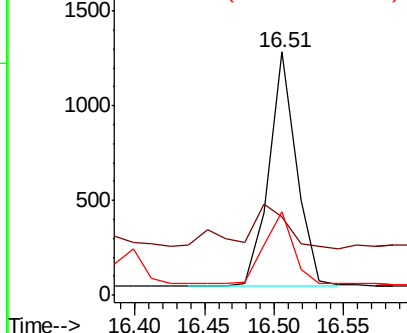
Tot Ion:	284	Resp:	1715
Ion Ratio	Lower	Upper	
284	100		
142	30.3	18.2	27.4#
249	32.0	24.6	37.0

Manual Integrations
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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: 1.497 ng

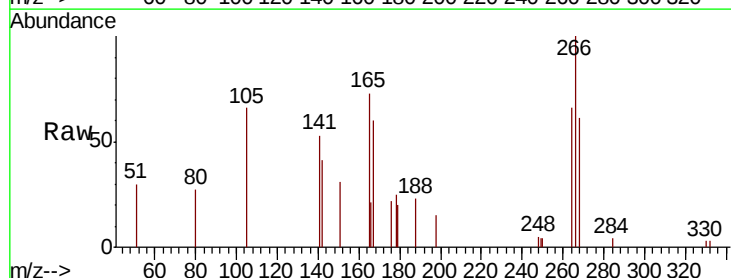
RT: 16.85 min Scan# 1092

Delta R.T. -0.05 min

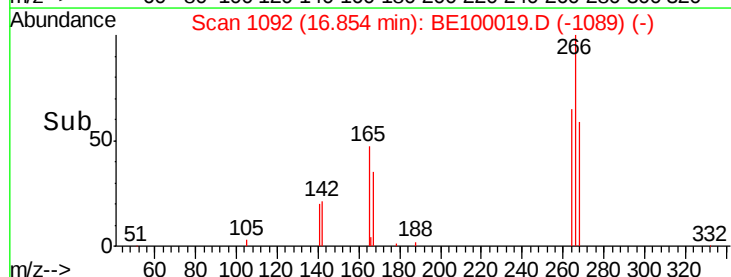
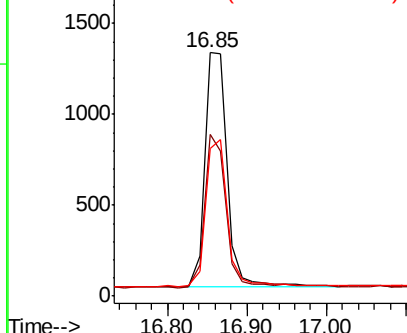
Lab File: BE100019.D

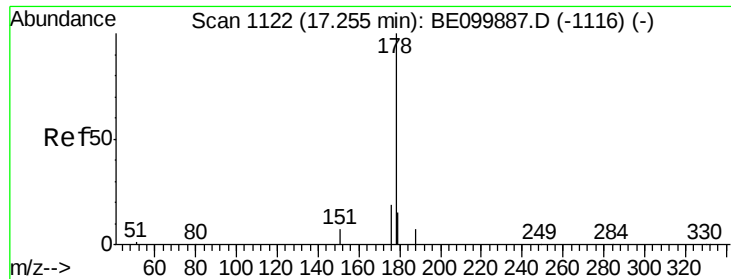
Acq: 14 Jun 2019 12:17

Tgt Ion:	266	Resp:	2514
Ion Ratio	Lower	Upper	
266	100		
264	66.4	62.2	93.2
268	60.5	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: 0.400 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE100019.D

Acq: 14 Jun 2019 12:17

Instrument :

BNA_E

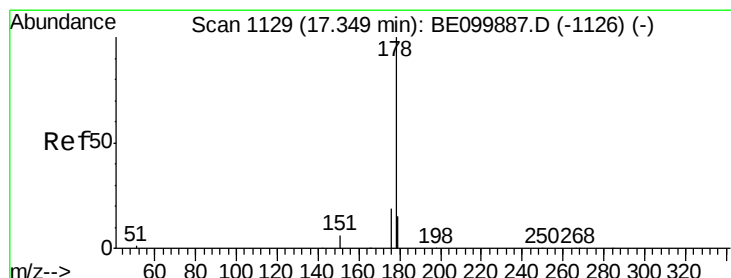
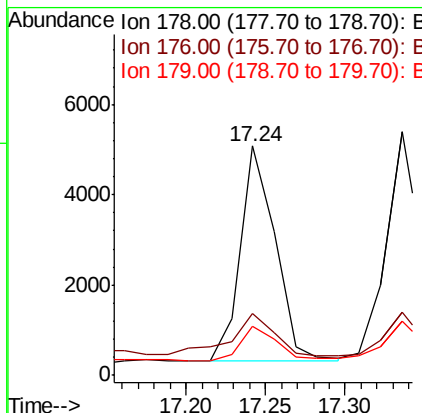
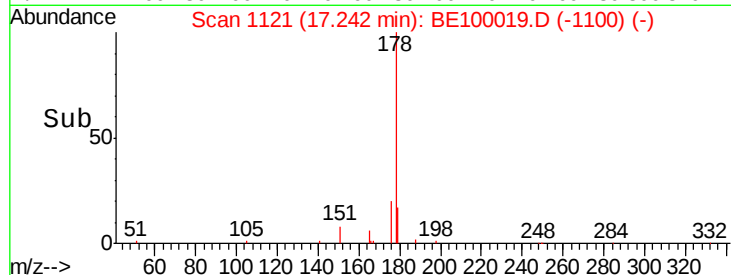
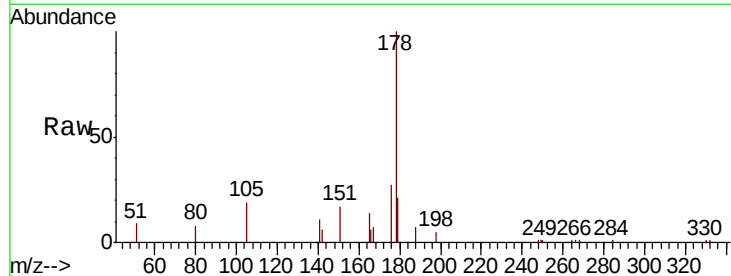
ClientSampleId :

BP-TT-AOC22-MW10-20190609MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	27.6	15.8	23.8#
179	16.0	12.4	18.6

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#24

Anthracene

Concen: 0.452 ng

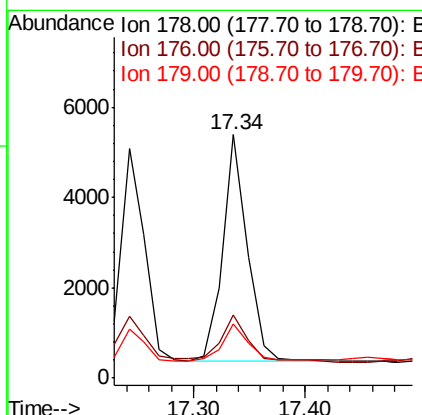
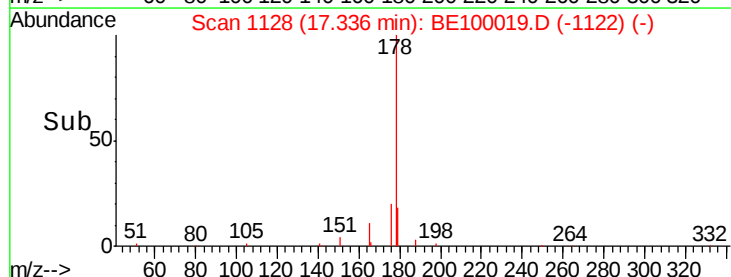
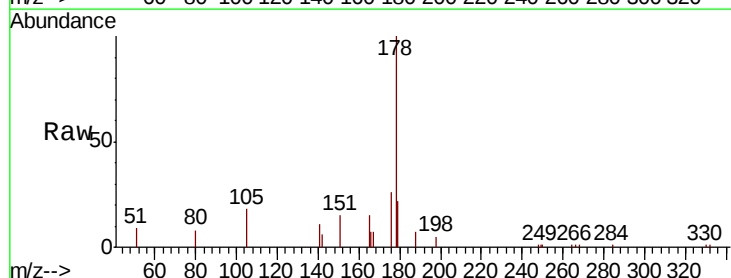
RT: 17.34 min Scan# 1128

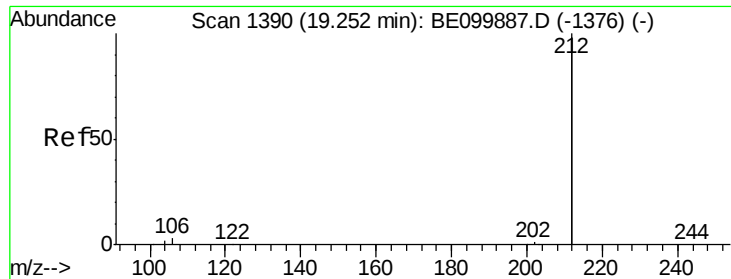
Delta R.T. -0.01 min

Lab File: BE100019.D

Acq: 14 Jun 2019 12:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.1	14.6	22.0#
179	18.2	12.3	18.5





#25

Fluoranthene-d10

Concen: 0.410 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE100019.D

Acq: 14 Jun 2019 12:17

Instrument :

BNA_E

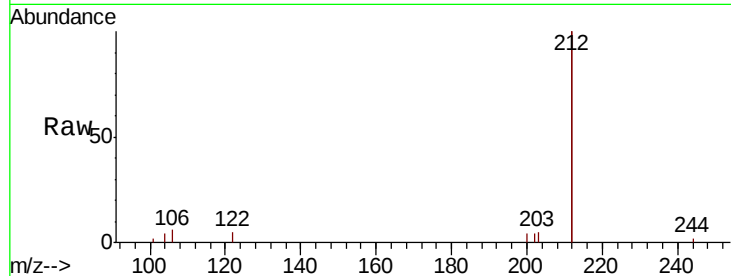
ClientSampleId :

BP-TT-AOC22-MW10-20190609MS

Tot Ion:	212	Resp:	44969
Ion Ratio	Lower	Upper	
212	100		
106	1.6	1.4	2.2
104	1.0	0.9	1.3

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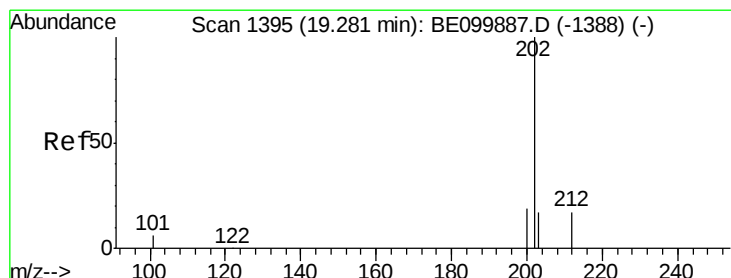
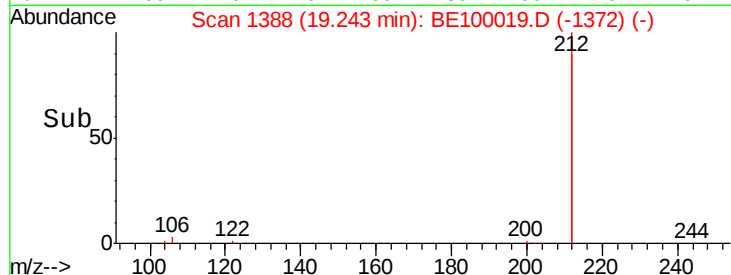
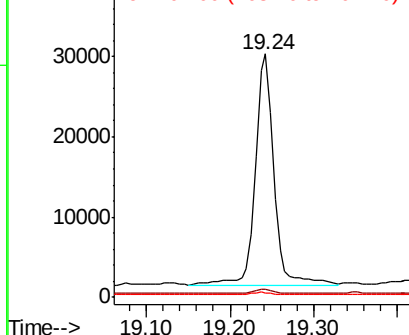


Abundance

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: 0.382 ng

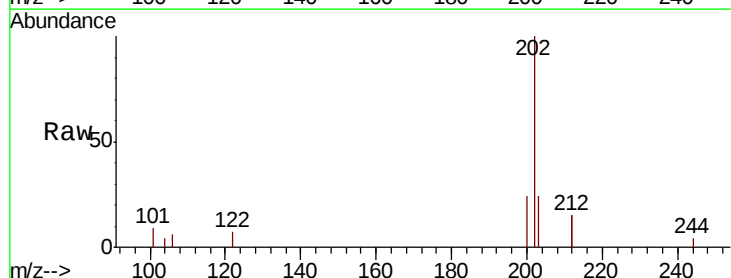
RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE100019.D

Acq: 14 Jun 2019 12:17

Tgt Ion:	202	Resp:	11861
Ion Ratio	Lower	Upper	
202	100		
101	7.5	5.4	8.0
203	17.7	13.2	19.8

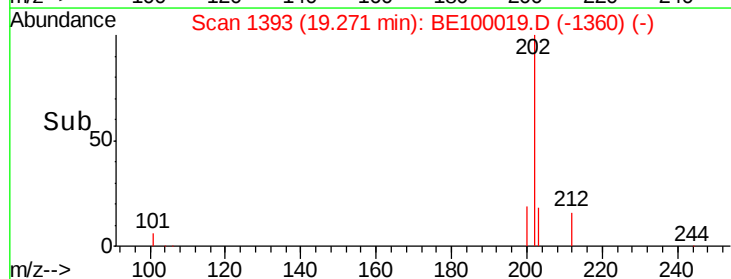
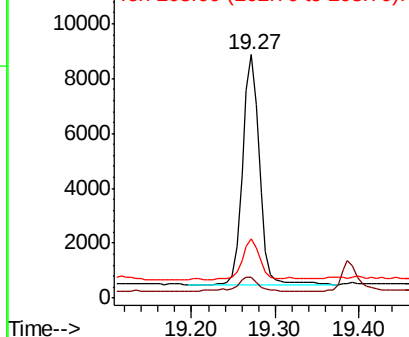


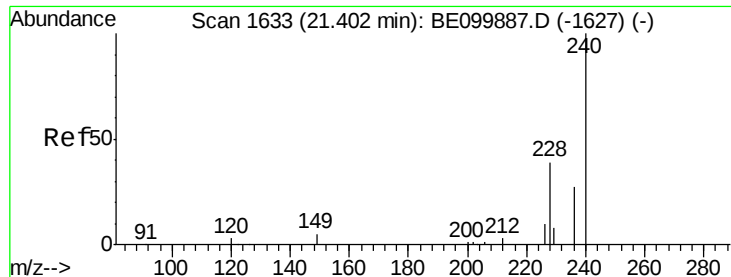
Abundance

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# 1631

Delta R.T. -0.01 min

Lab File: BE100019.D

Acq: 14 Jun 2019 12:17

Instrument :

BNA_E

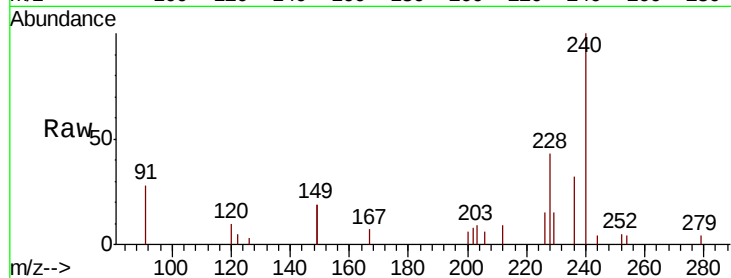
ClientSampleId :

BP-TT-AOC22-MW10-20190609MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	3.8	5.6#
236	31.6	22.0	33.0

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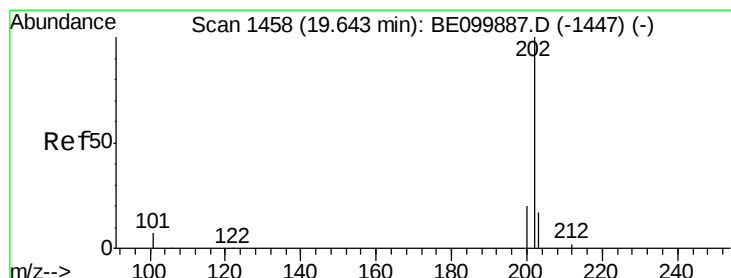
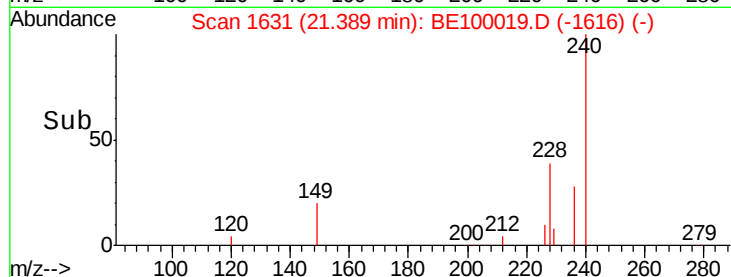
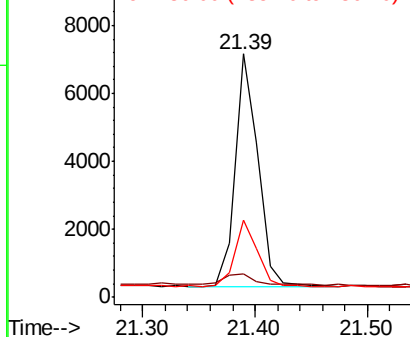


Abundance

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: 0.464 ng

RT: 19.63 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BE100019.D

Acq: 14 Jun 2019 12:17

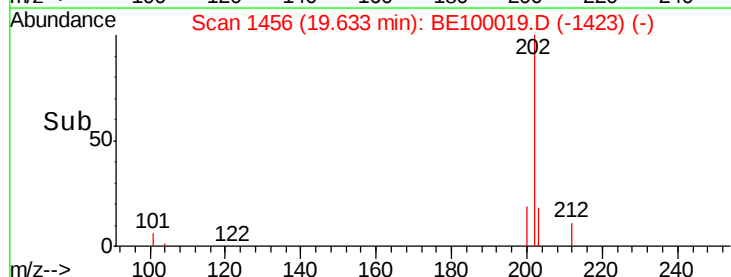
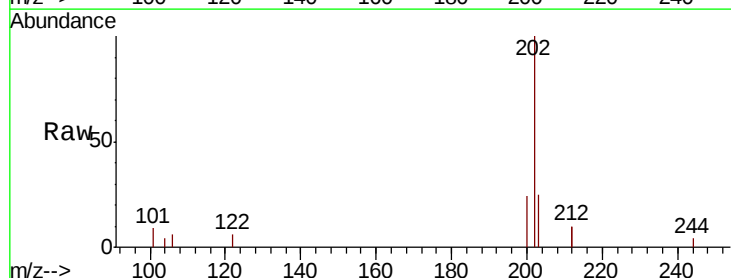
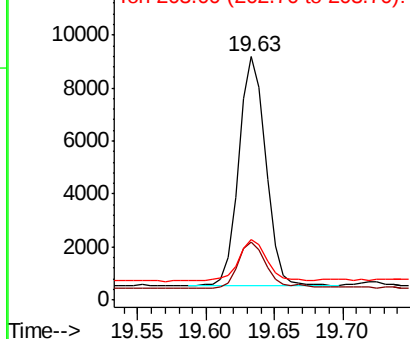
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	15.5	23.3
203	20.6	14.0	21.0

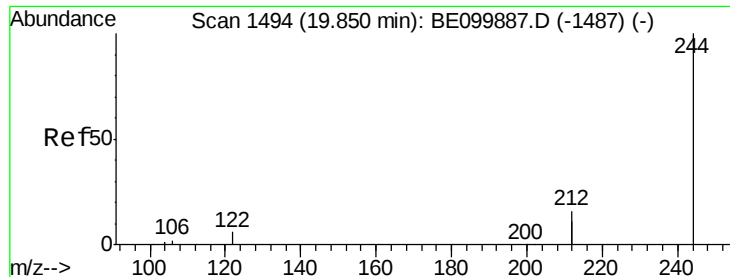
Abundance

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





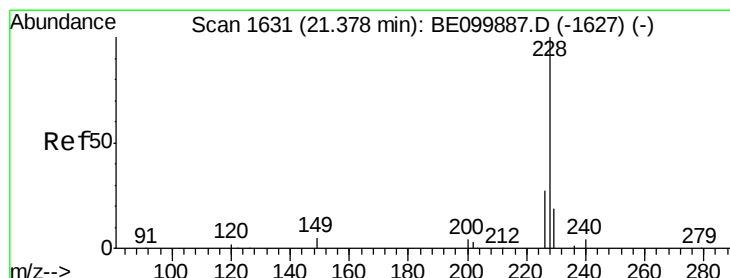
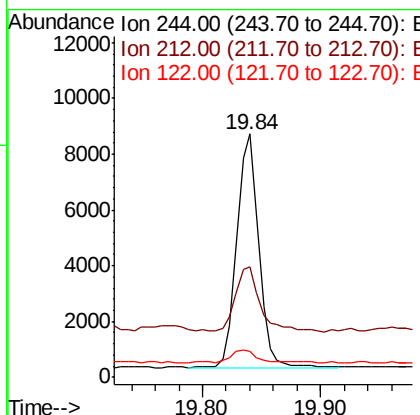
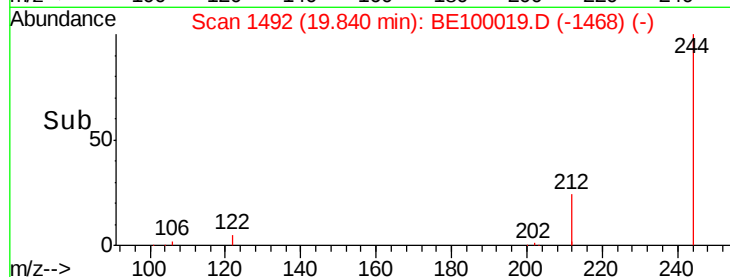
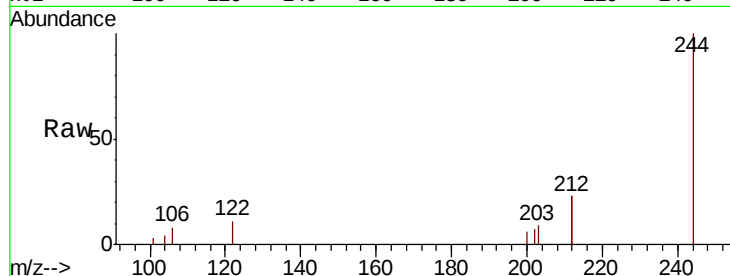
#29
 Terphenyl-d14
 Concen: 0.620 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE100019.D
 Acq: 14 Jun 2019 12:17

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW10-20190609MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	45.3	25.7	38.5
122	10.8	5.5	8.3

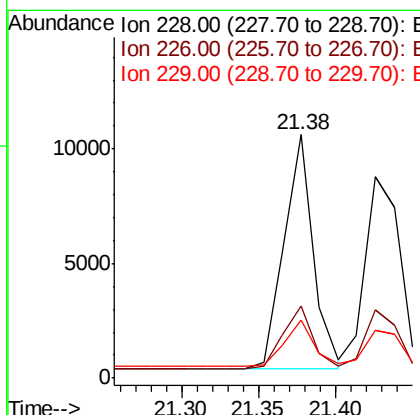
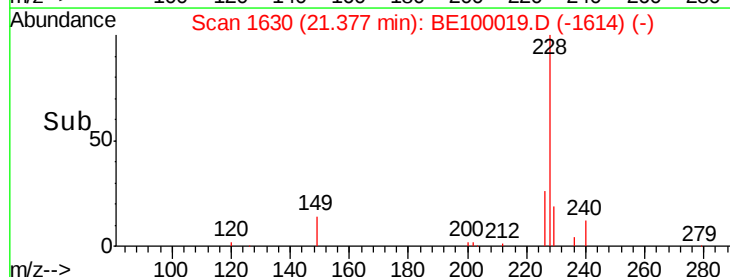
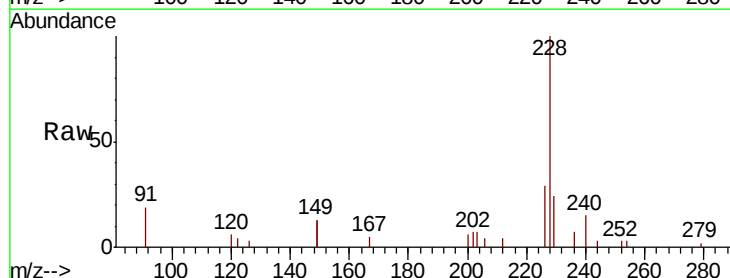
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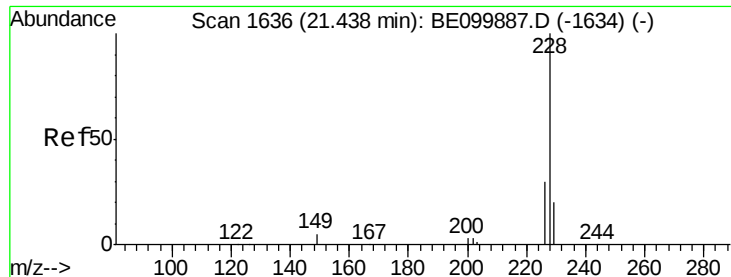
mohammad
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#30
 Benzo(a)anthracene
 Concen: 0.468 ng
 RT: 21.38 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE100019.D
 Acq: 14 Jun 2019 12:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.5	33.7
229	23.7	15.9	23.9





#31

Chrysene

Concen: 0.439 ng

RT: 21.43 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BE100019.D

Acq: 14 Jun 2019 12:17

Instrument :

BNA_E

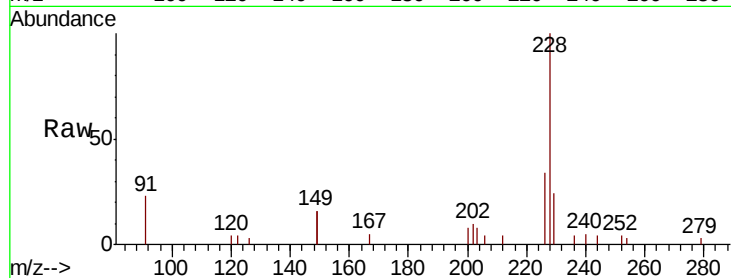
ClientSampleId :

BP-TT-AOC22-MW10-20190609MS

Tot Ion:	228	Resp:	13112
Ion Ratio	Lower	Upper	
228	100		
226	34.0	24.1	36.1
229	23.7	16.1	24.1

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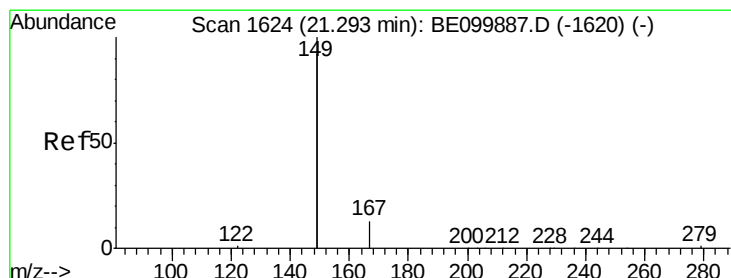
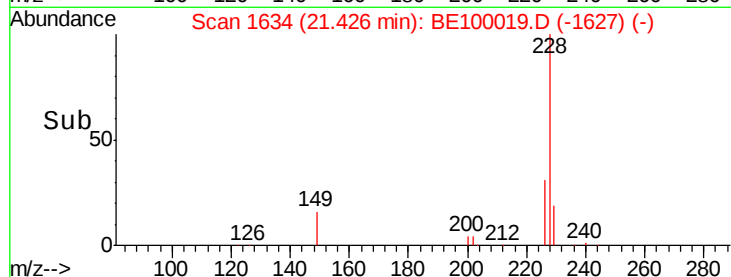
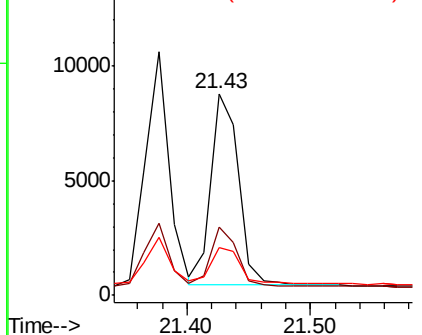
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.463 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100019.D

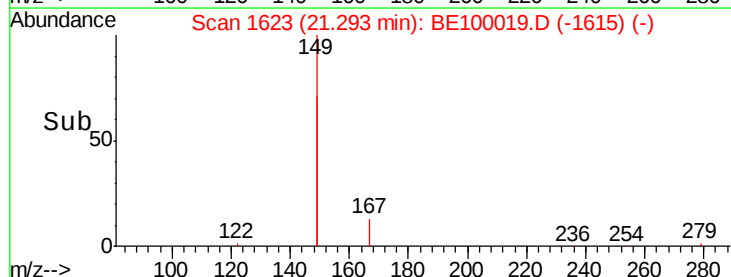
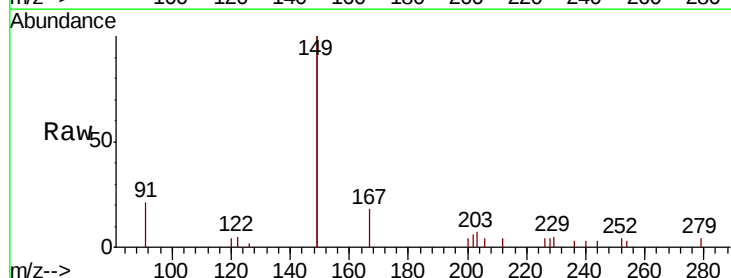
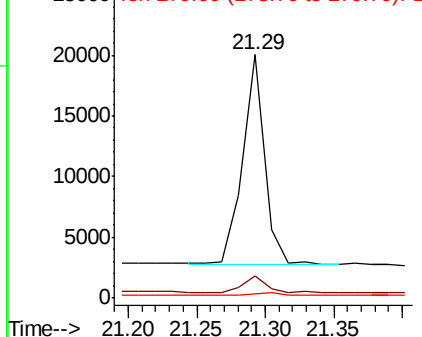
Acq: 14 Jun 2019 12:17

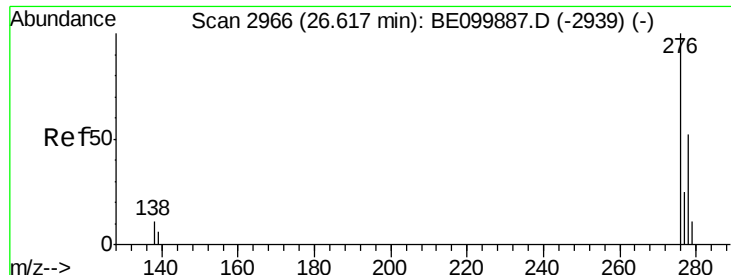
Tgt Ion:	149	Resp:	19201
Ion Ratio	Lower	Upper	
149	100		
167	7.4	5.9	8.9
279	1.8	1.2	1.8#

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





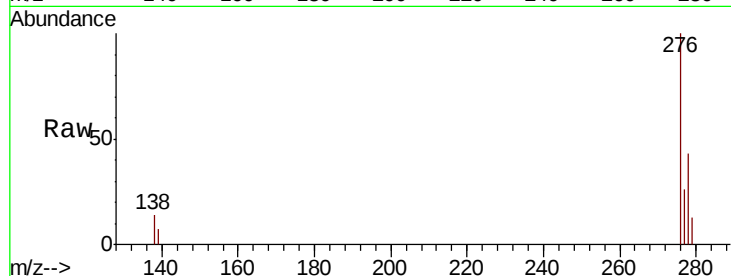
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng
RT: 26.59 min Scan# 2959
Delta R.T. -0.02 min
Lab File: BE100019.D
Acq: 14 Jun 2019 12:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	13955		
138	6.1	10.1	15.1	#
277	24.5	19.1	28.7	

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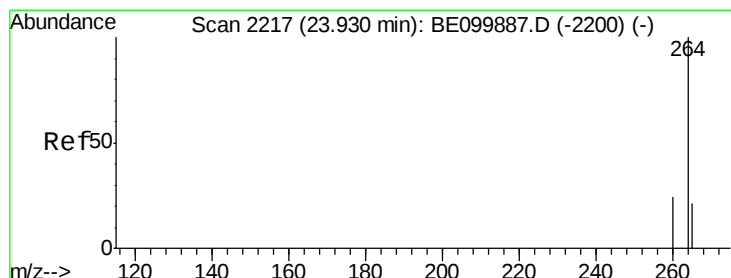
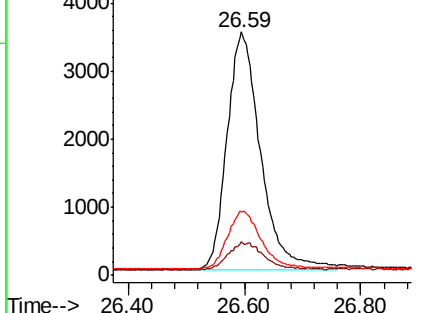
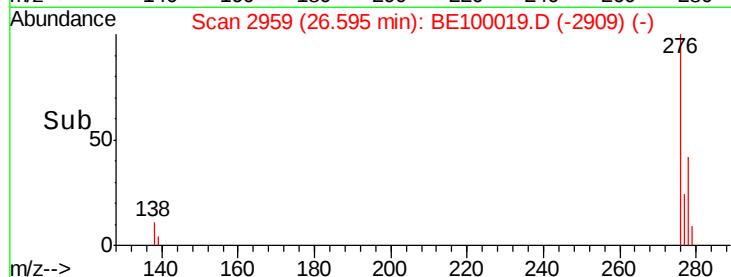


Abundance

Ion 276.00 (275.70 to 276.70): E

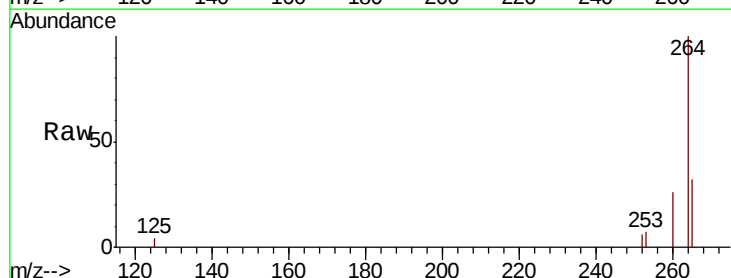
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BE100019.D
Acq: 14 Jun 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	10843		
260	26.5	20.2	30.2	
265	31.7	22.0	33.0	

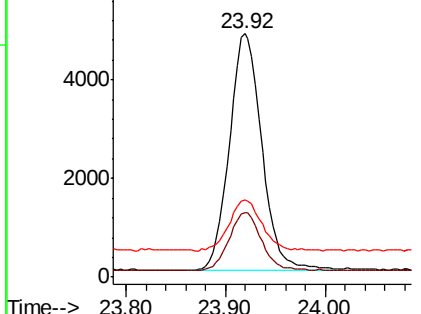
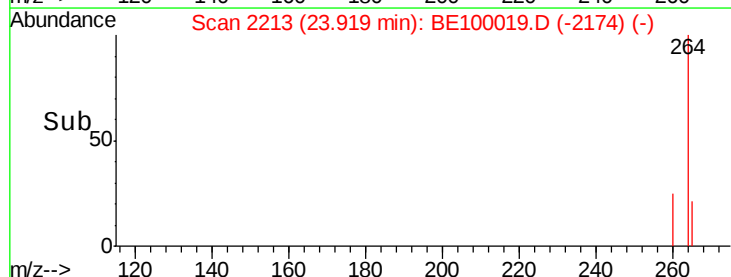


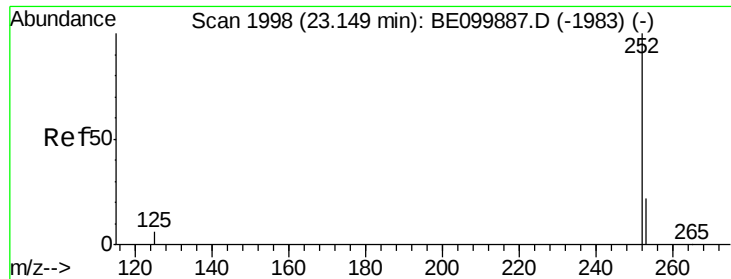
Abundance

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





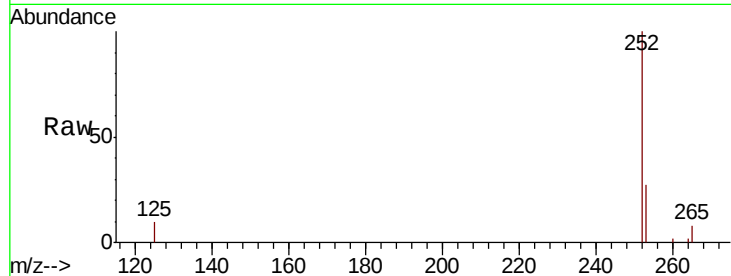
#35
Benzo(b)fluoranthene
Concen: 0.406 ng m
RT: 23.14 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BE100019.D
Acq: 14 Jun 2019 12:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MS

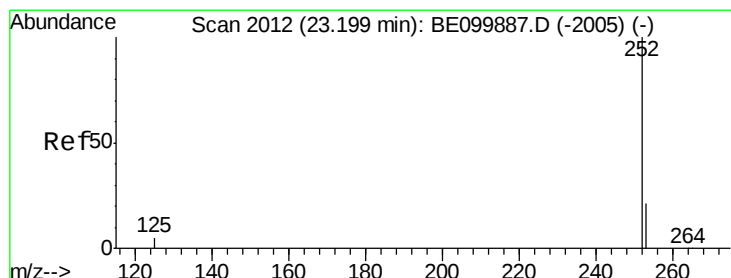
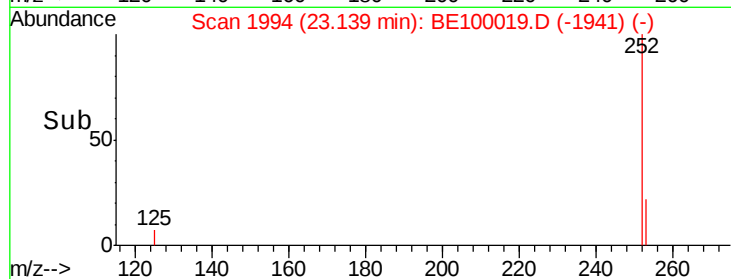
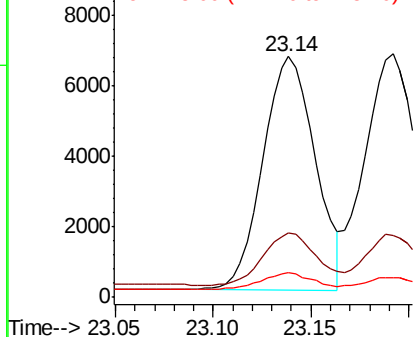
Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.7	28.1
125	10.2	5.7	8.5#

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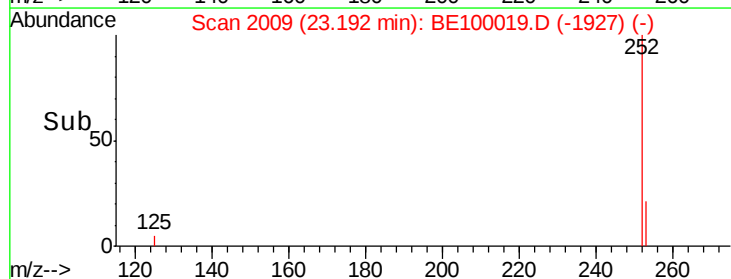
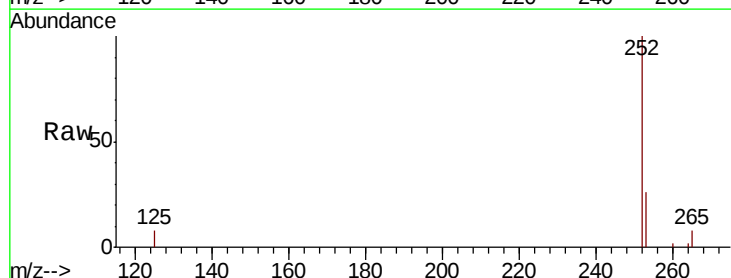
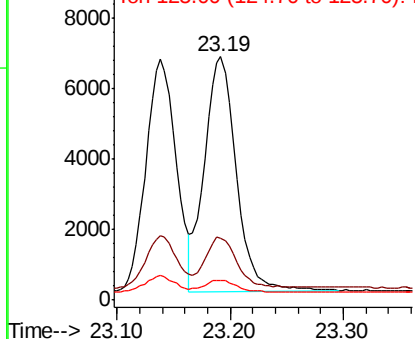
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

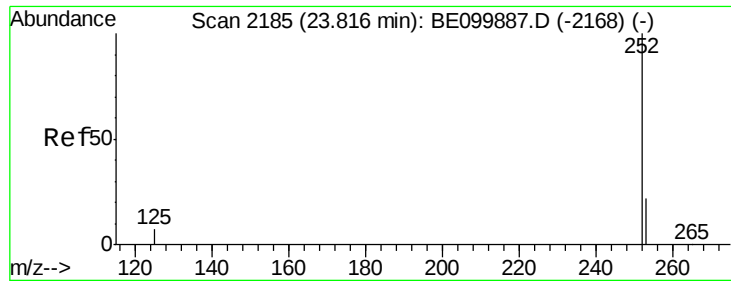


#36
Benzo(k)fluoranthene
Concen: 0.410 ng
RT: 23.19 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BE100019.D
Acq: 14 Jun 2019 12:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.6	28.0
125	8.2	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





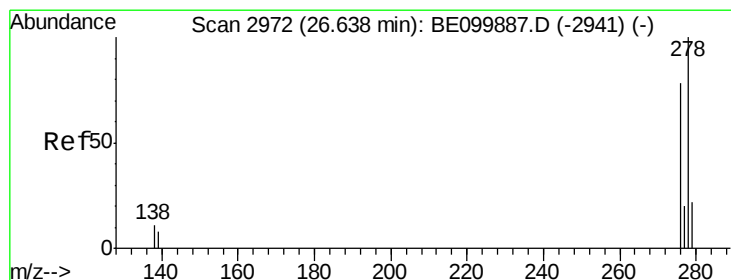
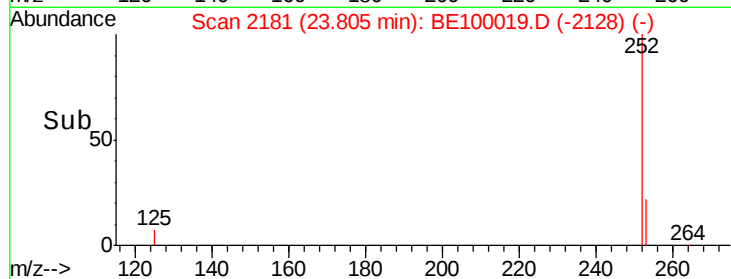
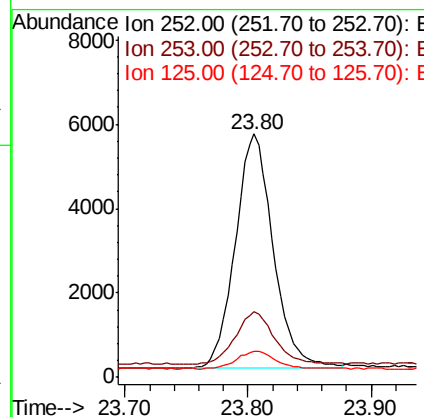
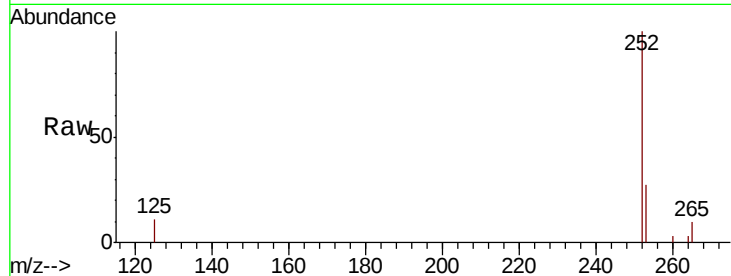
#37
Benzo(a)pyrene
Concen: 0.400 ng
RT: 23.80 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BE100019.D
Acq: 14 Jun 2019 12:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.6	29.4
125	10.5	6.6	10.0

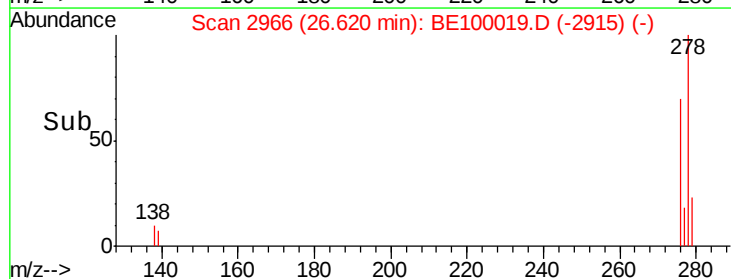
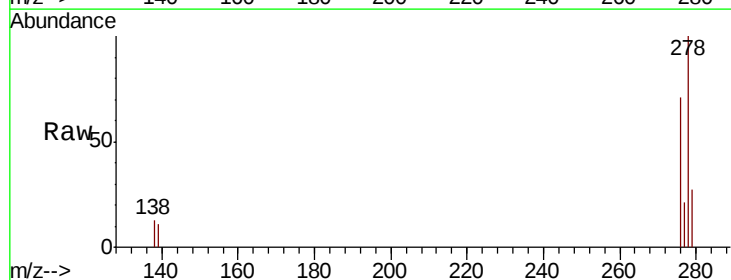
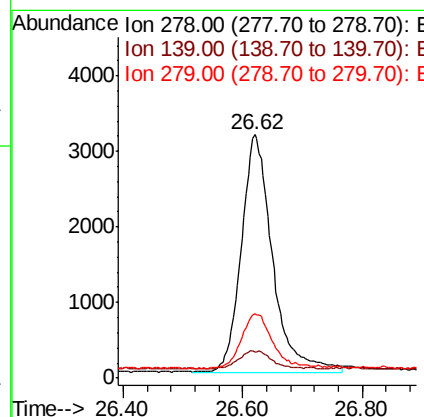
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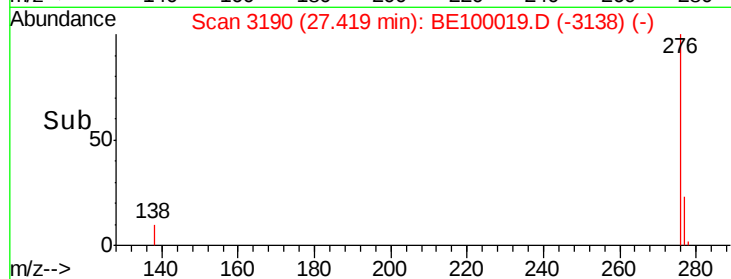
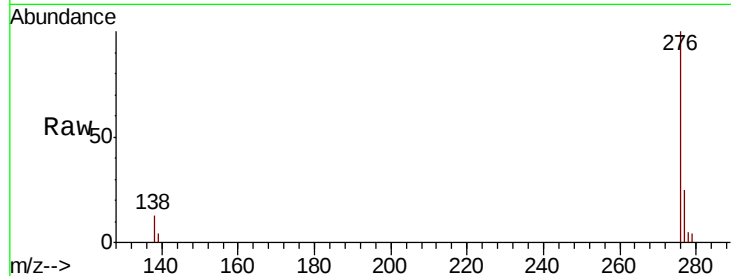
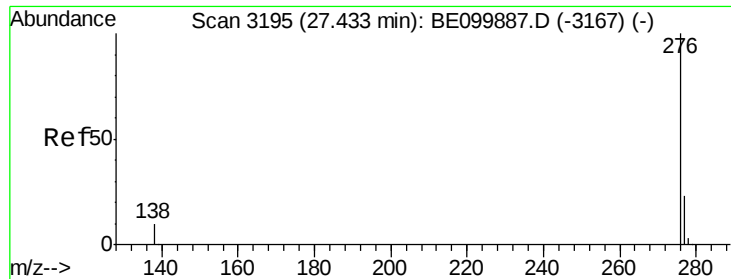
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#38
Dibenzo(a,h)anthracene
Concen: 0.378 ng
RT: 26.62 min Scan# 2966
Delta R.T. -0.02 min
Lab File: BE100019.D
Acq: 14 Jun 2019 12:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.8	7.8	11.8
279	26.6	20.0	30.0





#39

Benzo(a,h,i)perylene

Concen: 0.386 ng

RT: 27.42 min Scan# 3190

Delta R.T. -0.01 min

Lab File: BE100019.D

Acq: 14 Jun 2019 12:17

Tot Ion:	276	Resp:	12010
Ion Ratio	Lower	Upper	
276	100		
277	25.5	19.5	29.3
138	12.8	9.5	14.3

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609MS

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