

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062019\
 Data File : BE100127.D
 Acq On : 21 Jun 2019 3:16
 Operator : JU/SJ
 Sample : K3345-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-10_061119

Manual Integrations
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mohammad
 6/21/2019 8:16:50 AM

Quant Time: Jun 21 07:01:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	684	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	2345	0.40	ng	0.00
13) Acenaphthene-d10	14.41	164	2284	0.40	ng	0.00
19) Phenanthrene-d10	17.16	188	8035	0.40	ng	0.00
27) Chrysene-d12	21.34	240	10535	0.40	ng	0.00
34) Perylene-d12	23.84	264	12399	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	377	0.27	ng	-0.01
5) Phenol-d6	6.92	99	302	0.15	ng	-0.01
8) Nitrobenzene-d5	8.91	82	1027	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.15	152	182	0.04	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	749	0.59	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	4288	0.48	ng	-0.02
25) Fluoranthene-d10	19.20	212	4189	0.04	ng	0.00
29) Terphenyl-d14	19.79	244	13108	0.62	ng	-0.02
Target Compounds						
23) Phenanthrene	17.20	178	517	0.027	ng	# 86
26) Fluoranthene	19.22	202	2212	0.072	ng	# 96
28) Pyrene	19.59	202	1811	0.067	ng	# 95
30) Benzo(a)anthracene	21.33	228	828	0.026	ng	# 69
31) Chrysene	21.38	228	1604	0.044	ng	# 86
32) Bis(2-ethylhexyl)phthalate	21.25	149	3712	0.126	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.48	276	1242	0.030	ng	# 93
35) Benzo(b)fluoranthene	23.07	252	2180	0.060	ng	# 43
36) Benzo(k)fluoranthene	23.12	252	893m	0.022	ng	
37) Benzo(a)pyrene	23.72	252	1142	0.033	ng	# 18
39) Benzo(a,h,i)perylene	27.29	276	1331	0.036	ng	# 70

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

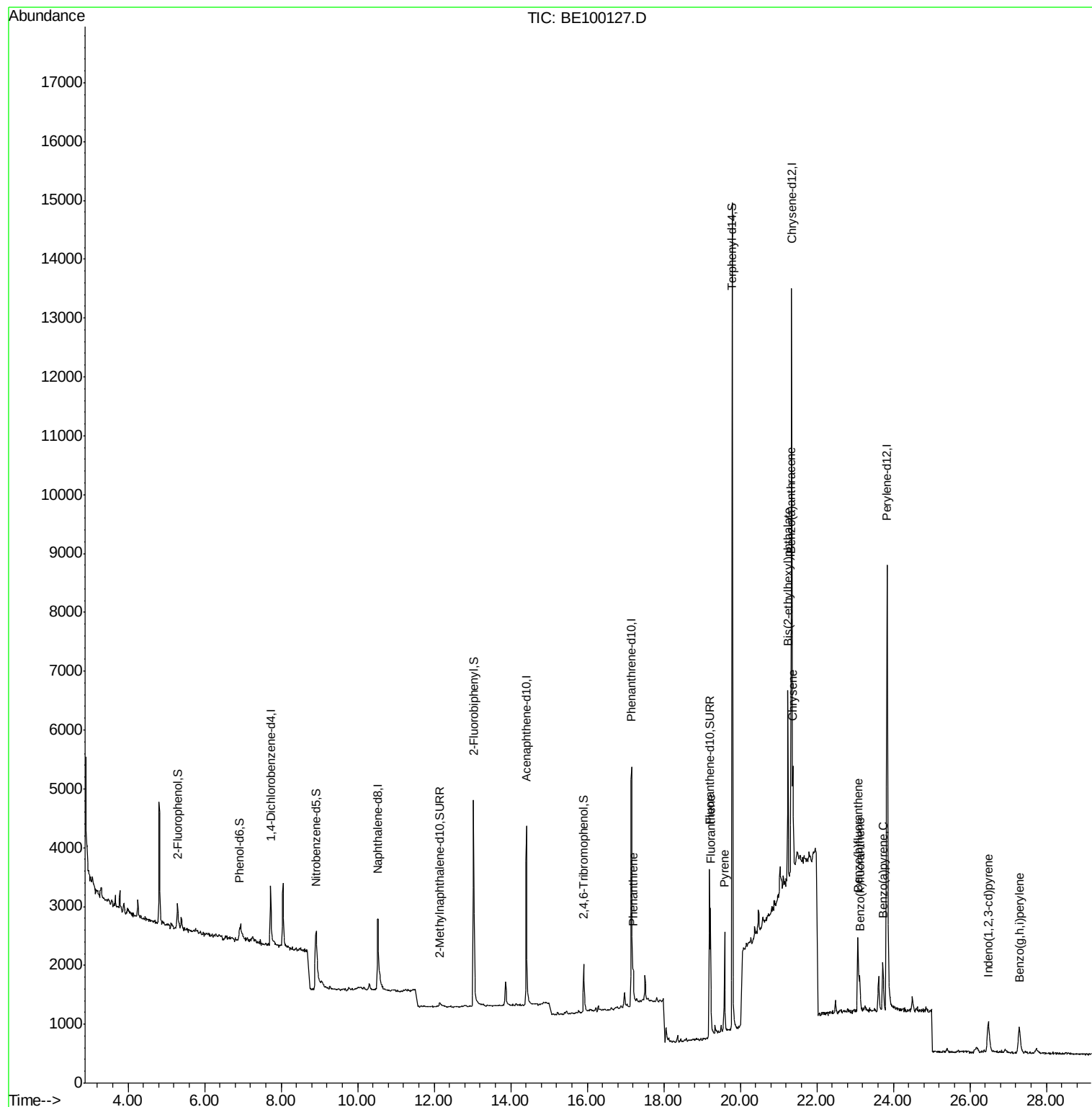
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062019\
Data File : BE100127.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

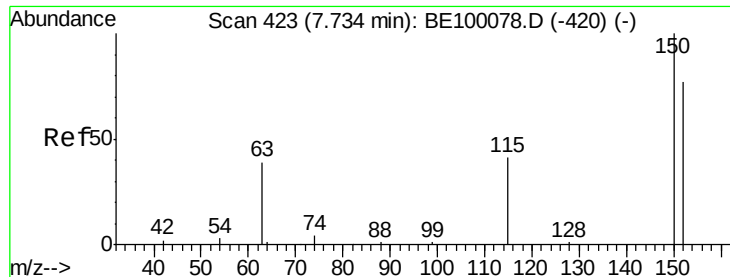
Instrument :
BNA_E
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

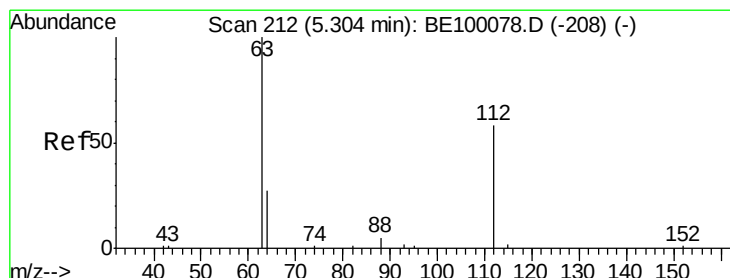
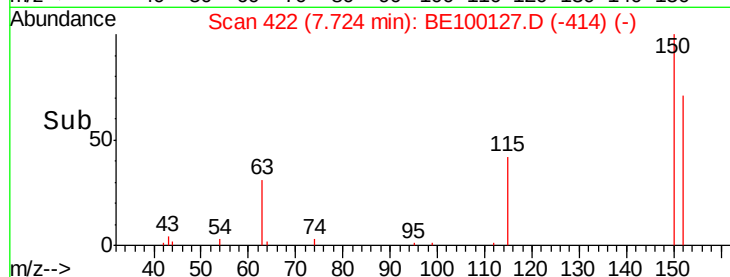
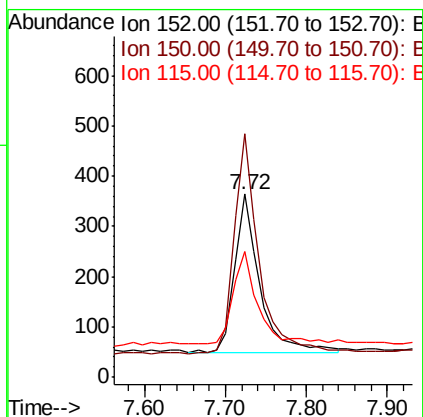
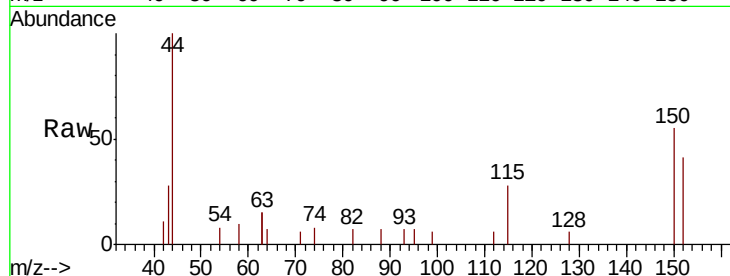
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100127.D
Acq: 21 Jun 2019 3:16

Instrument :
BNA_E
ClientSampleId :
C-MW-10_061119

Tot Ion	Ratio	Lower	Upper
152	100		
150	133.0	99.8	149.8
115	68.4	51.3	76.9

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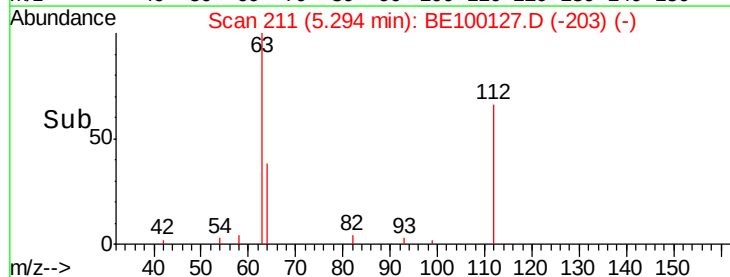
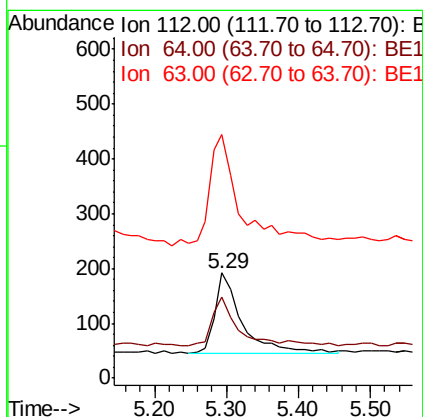
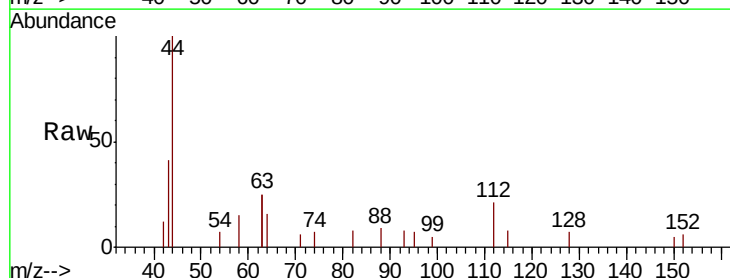
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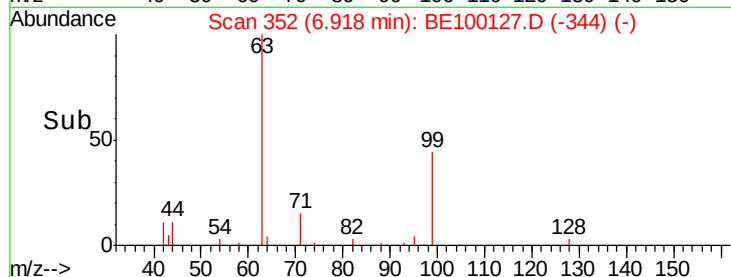
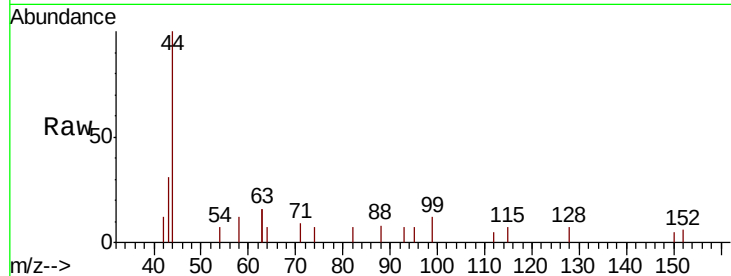
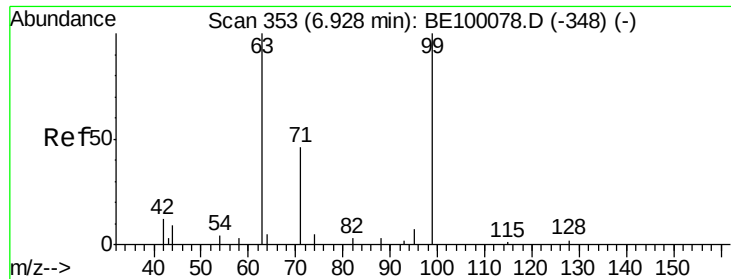


#4

2-Fluorophenol
Concen: 0.266 ng
RT: 5.29 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE100127.D
Acq: 21 Jun 2019 3:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	22.0	33.0#
63	170.0	121.8	182.6





#5

Phenol-d6

Concen: 0.155 ng

RT: 6.92 min Scan# 352

Delta R.T. -0.01 min

Lab File: BE100127.D

Acq: 21 Jun 2019 3:16

Tot Ion:	99	Resp:	302
Ion	Ratio	Lower	Upper
99	100		
42	22.5	0.0	0.0#
71	41.4	37.6	56.4

Instrument :

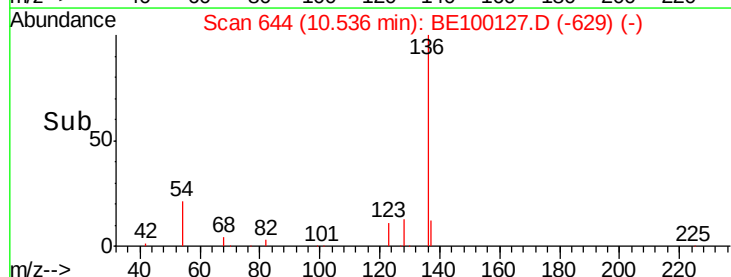
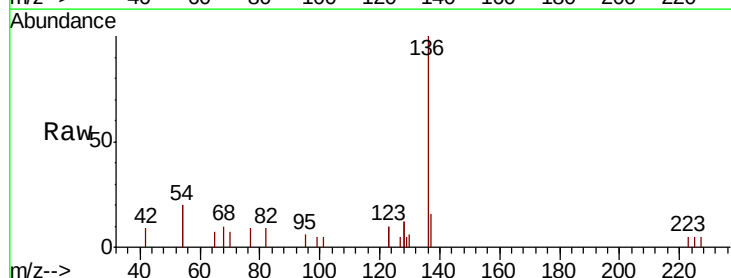
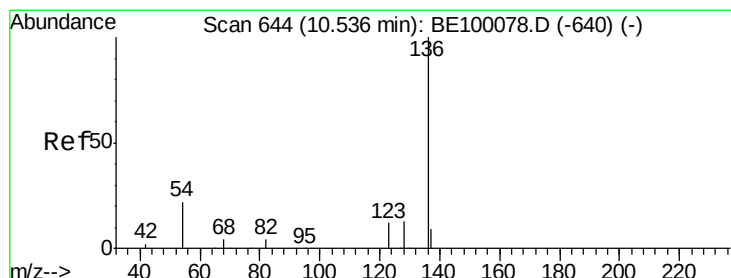
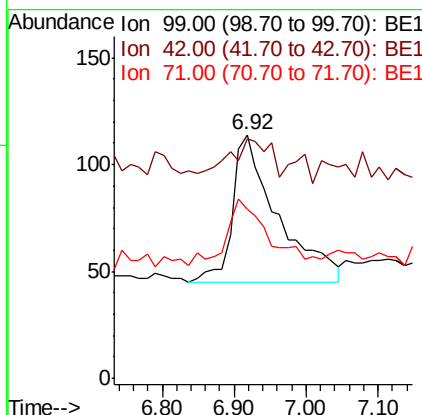
BNA_E

ClientSampleId :

C-MW-10_061119

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#7

Naphthalene-d8

Concen: 0.400 ng

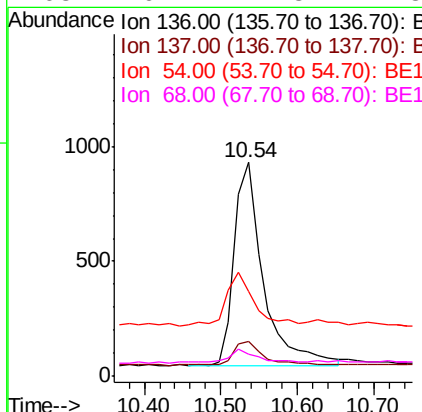
RT: 10.54 min Scan# 644

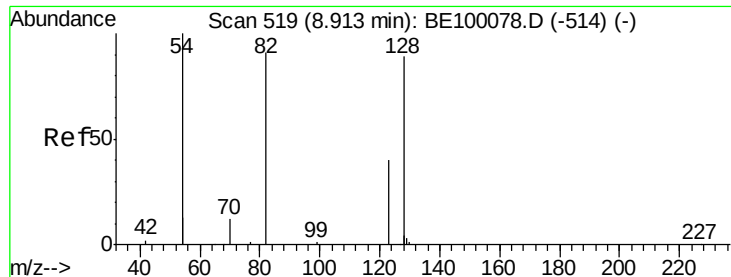
Delta R.T. -0.00 min

Lab File: BE100127.D

Acq: 21 Jun 2019 3:16

Tgt Ion:	136	Resp:	2345
Ion	Ratio	Lower	Upper
136	100		
137	16.4	11.6	17.4
54	39.5	33.9	50.9
68	10.4	7.8	11.8





#8

Nitrobenzene-d5

Concen: 0.452 ng

RT: 8.91 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE100127.D

Acq: 21 Jun 2019 3:16

Instrument :

BNA_E

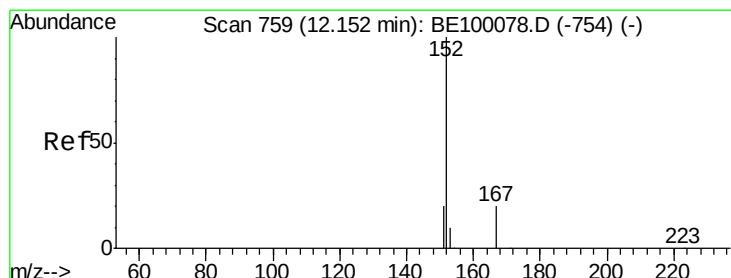
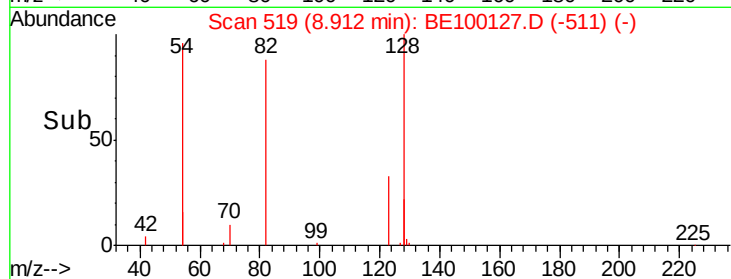
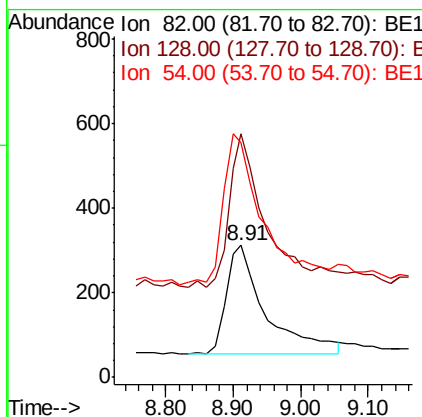
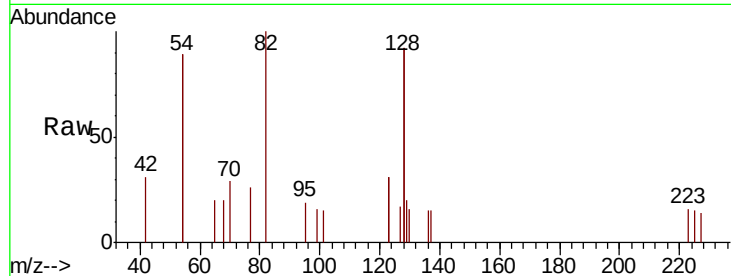
ClientSampleId :

C-MW-10_061119

Tot Ion:	82	Resp:	1027
Ion	Ratio	Lower	Upper
82	100		
128	184.6	128.0	192.0
54	177.6	143.4	215.0

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#11

2-Methylnaphthalene-d10

Concen: 0.041 ng

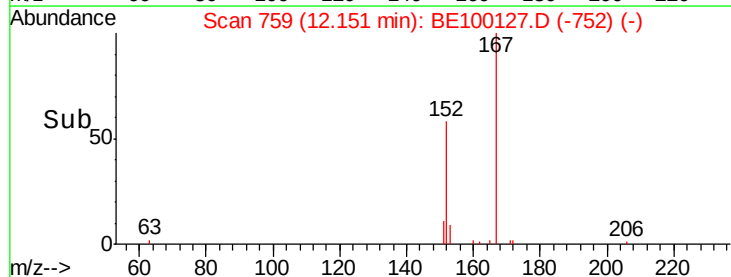
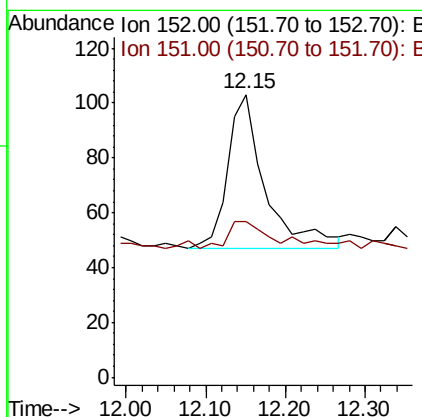
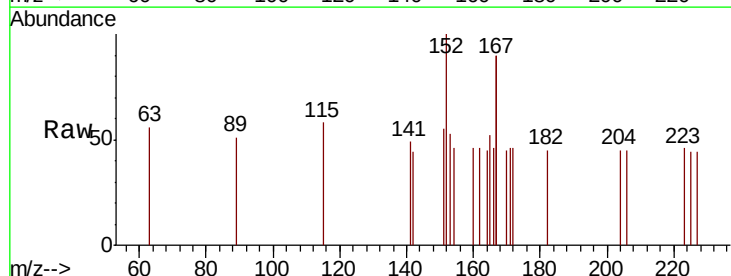
RT: 12.15 min Scan# 759

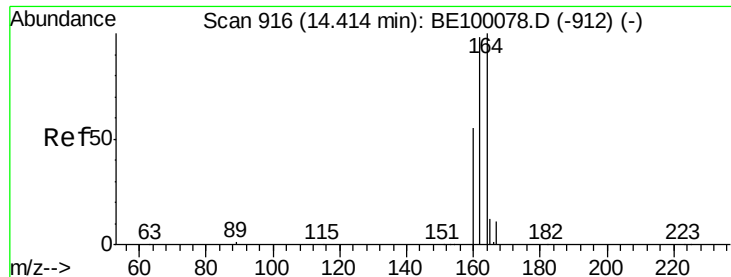
Delta R.T. -0.00 min

Lab File: BE100127.D

Acq: 21 Jun 2019 3:16

Tgt Ion:	152	Resp:	182
Ion	Ratio	Lower	Upper
152	100		
151	17.0	16.3	24.5





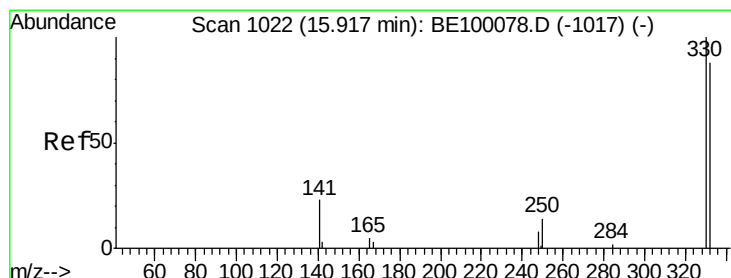
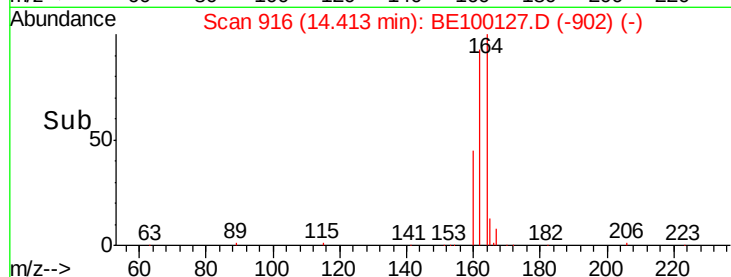
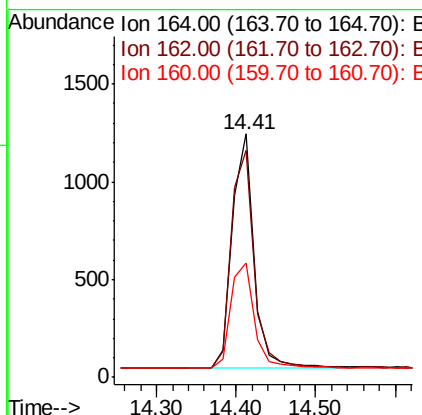
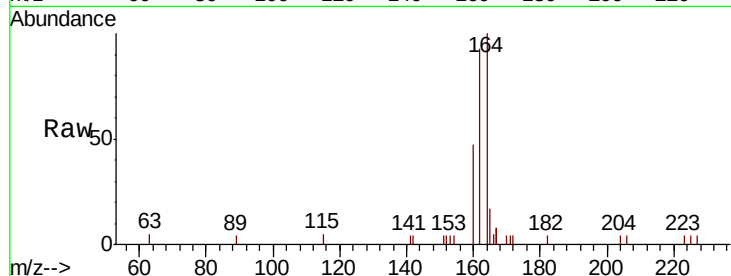
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.41 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BE100127.D
 Acq: 21 Jun 2019 3:16

Instrument :
 BNA_E
 ClientSampled :
 C-MW-10_061119

Tot Ion	Ratio	Lower	Upper
164	100		
162	93.1	78.2	117.2
160	46.8	45.6	68.4

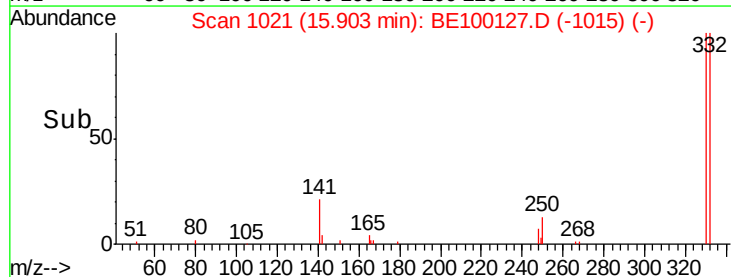
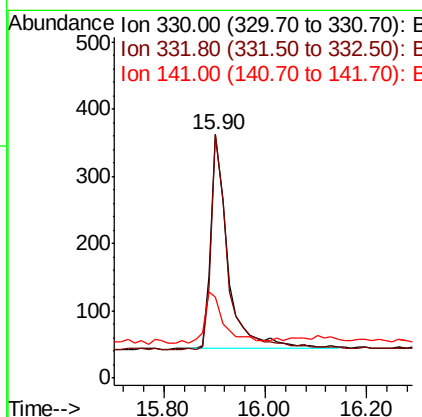
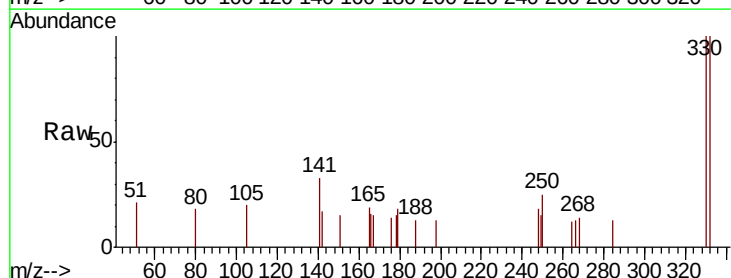
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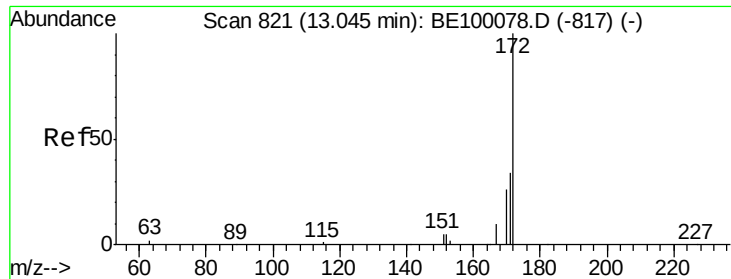
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#14
 2,4,6-Tribromophenol
 Concen: 0.594 ng
 RT: 15.90 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BE100127.D
 Acq: 21 Jun 2019 3:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	73.3	109.9
141	26.4	22.2	33.2





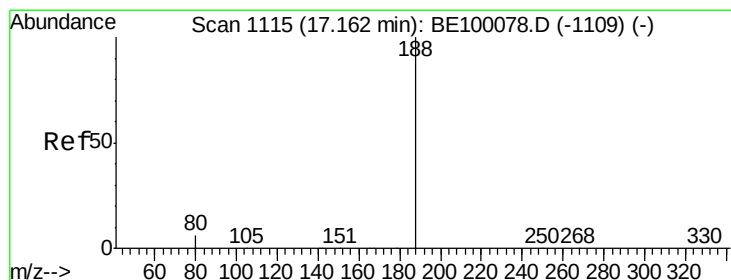
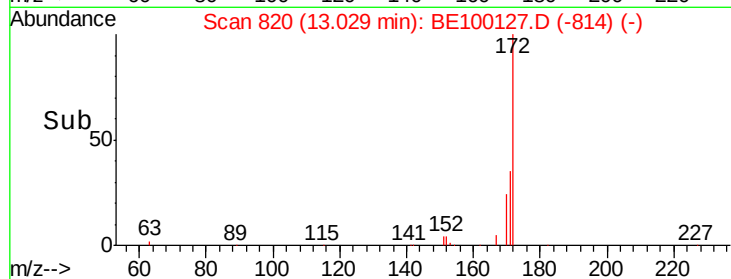
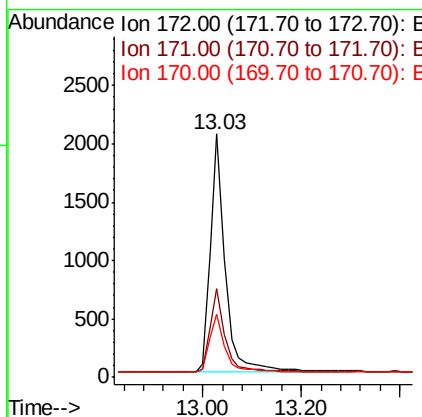
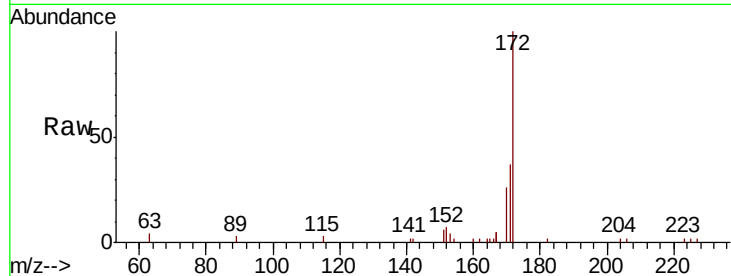
#15
2-Fluorobiphenyl
Concen: 0.477 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.02 min
Lab File: BE100127.D
Acq: 21 Jun 2019 3:16

Instrument :
BNA_E
ClientSampleId :
C-MW-10_061119

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.8
170	25.9	23.2	34.8

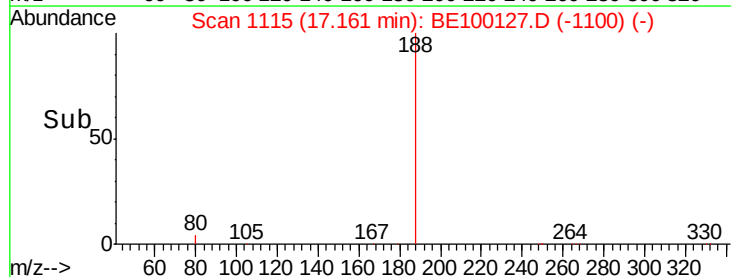
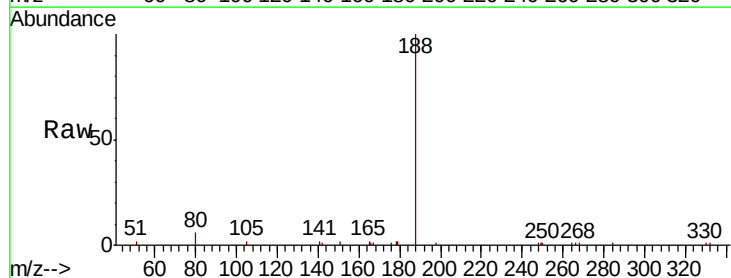
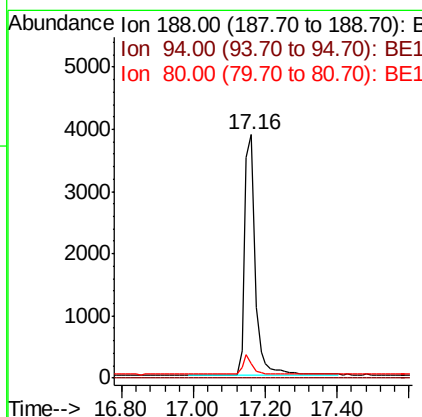
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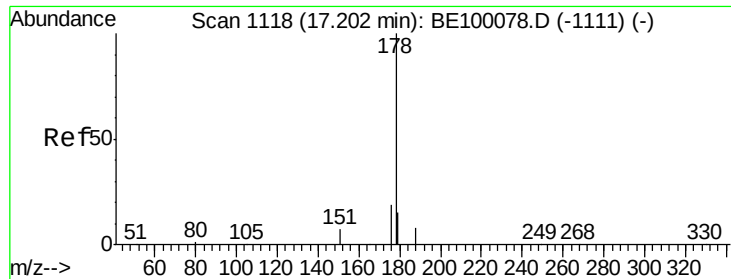
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100127.D
Acq: 21 Jun 2019 3:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.9	6.3	9.5#





#23

Phenanthrene

Concen: 0.027 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100127.D

Acq: 21 Jun 2019 3:16

Instrument :

BNA_E

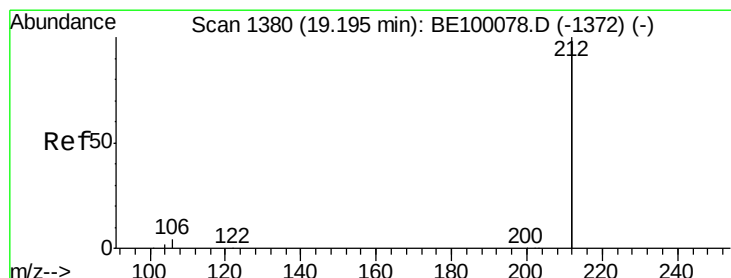
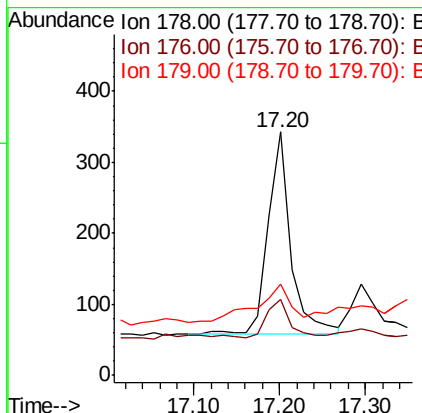
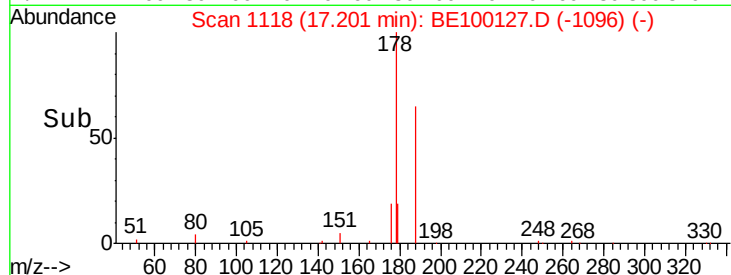
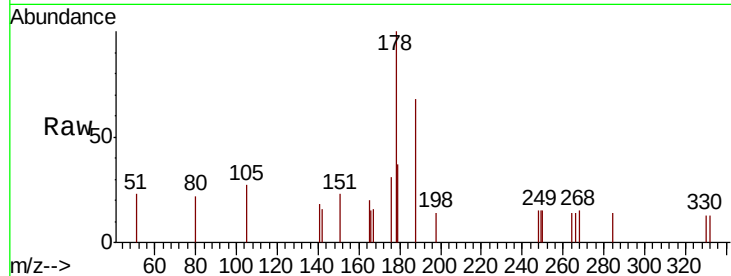
ClientSampleId :

C-MW-10_061119

Tot Ion:178	Resp:	517
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.9 23.9
179	28.8	13.1 19.7#

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#25

Fluoranthene-d10

Concen: 0.036 ng

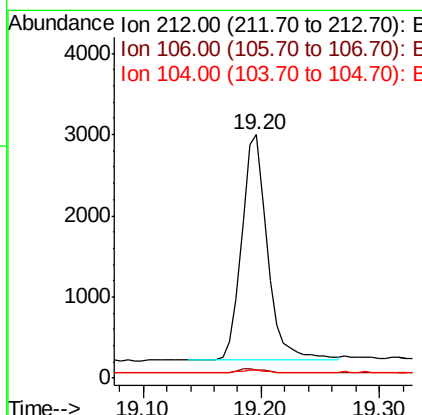
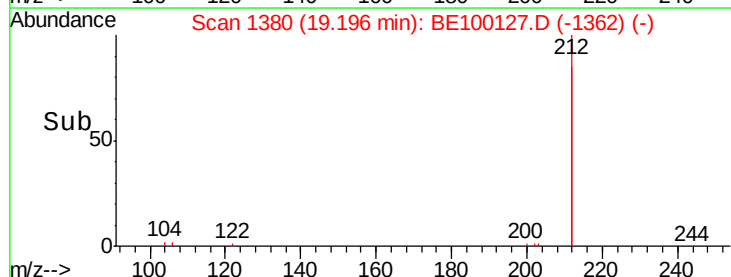
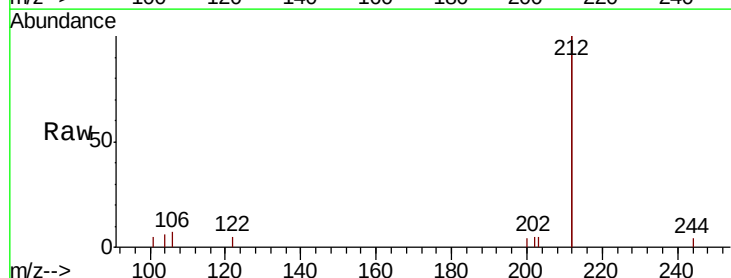
RT: 19.20 min Scan# 1380

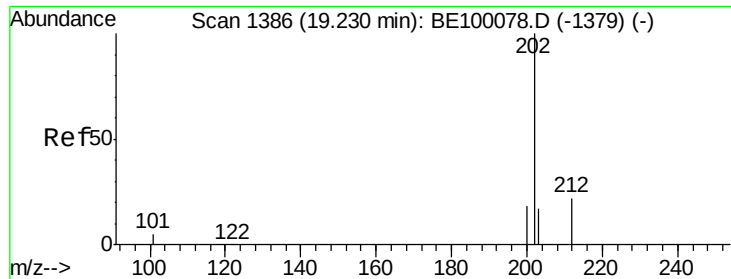
Delta R.T. 0.00 min

Lab File: BE100127.D

Acq: 21 Jun 2019 3:16

Tgt Ion:212	Resp:	4189
Ion Ratio	Lower	Upper
212	100	
106	1.9	1.4 2.0
104	1.4	0.8 1.2#





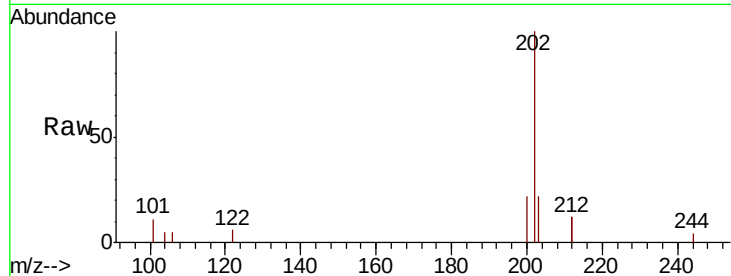
#26
Fluoranthene
Concen: 0.072 ng
RT: 19.22 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BE100127.D
Acq: 21 Jun 2019 3:16

Instrument :
BNA_E
ClientSampleId :
C-MW-10_061119

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.5	5.0	7.4#
203	18.8	13.7	20.5

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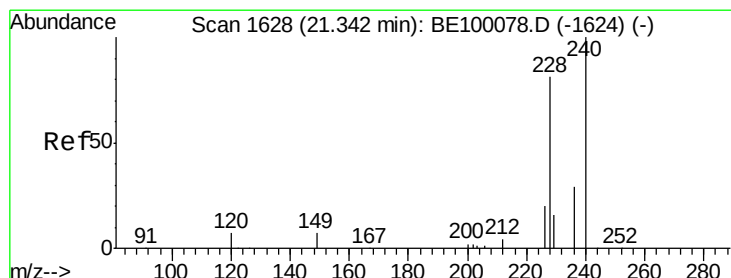
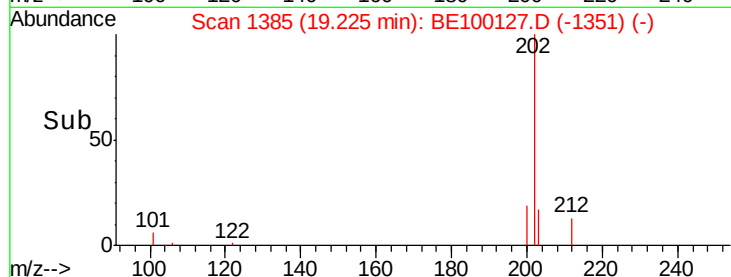
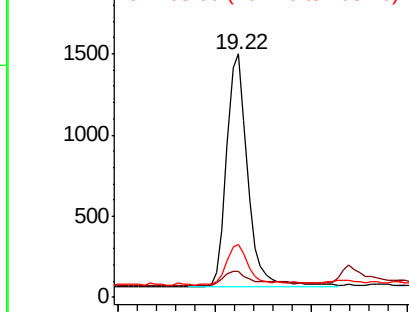


Abundance

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: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100127.D
Acq: 21 Jun 2019 3:16

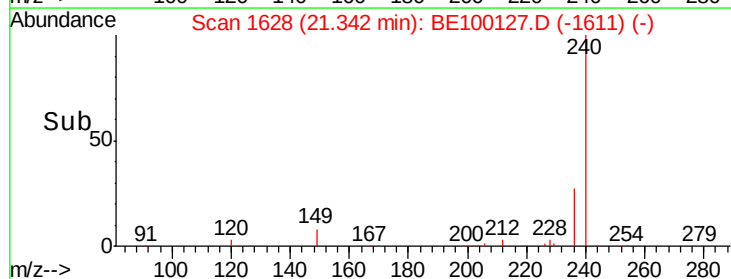
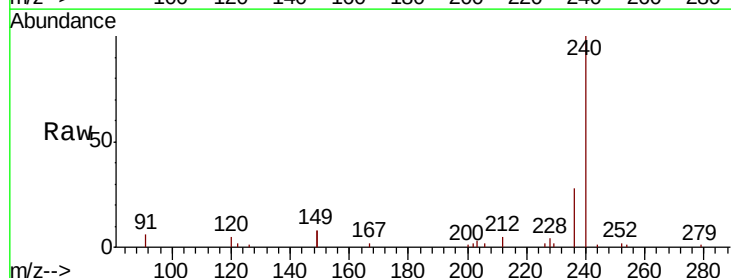
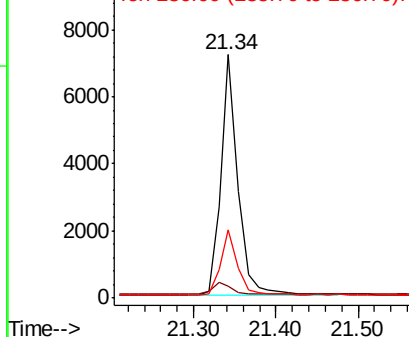
Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.8	6.6	10.0#
236	27.8	23.8	35.6

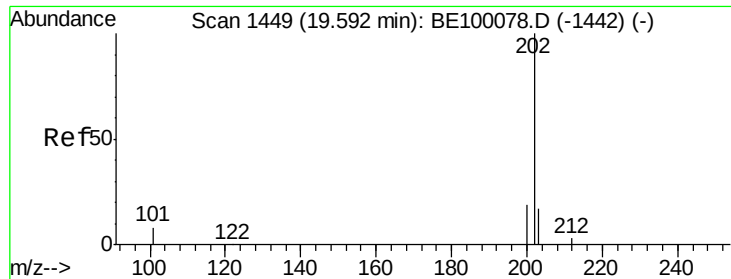
Abundance

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





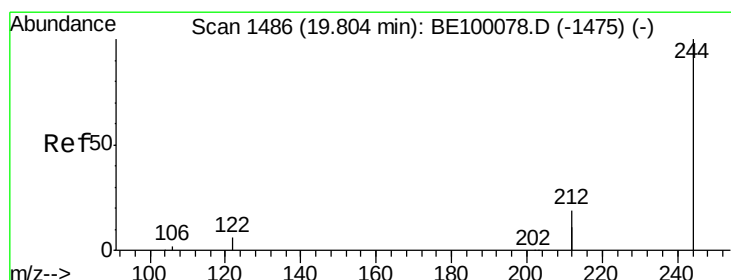
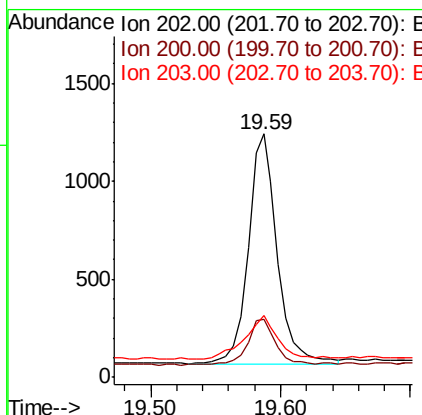
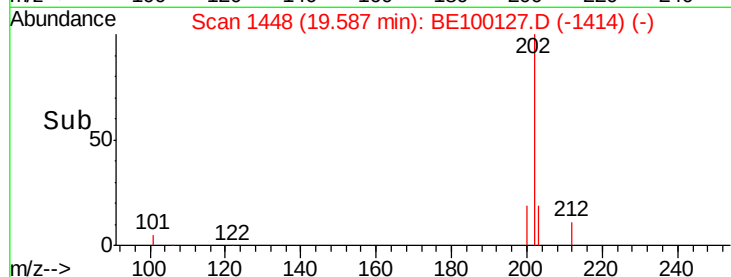
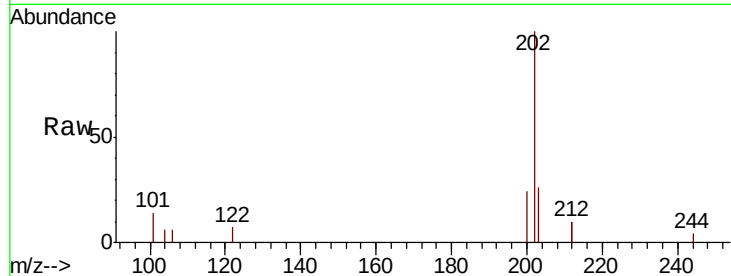
#28
Pvrene
Concen: 0.067 ng
RT: 19.59 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BE100127.D
Acq: 21 Jun 2019 3:16

Instrument :
BNA_E
ClientSampled :
C-MW-10_061119

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.2	15.6	23.4
203	21.4	13.9	20.9

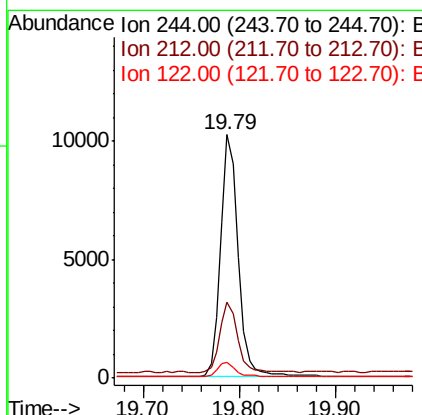
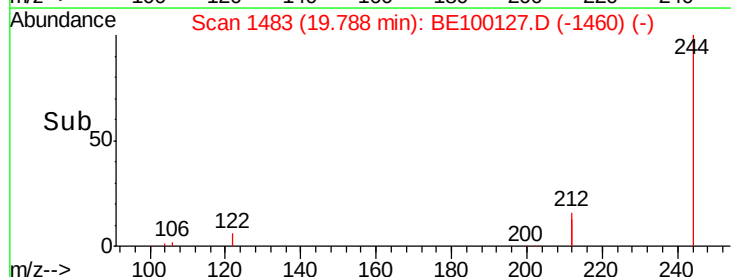
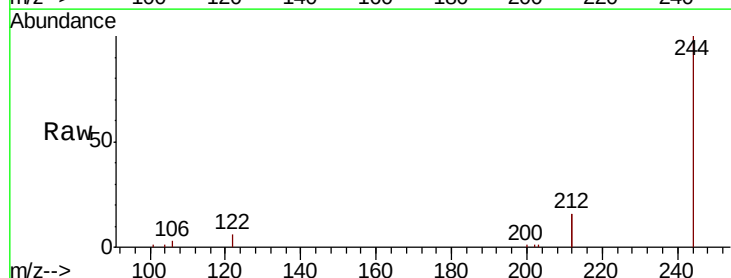
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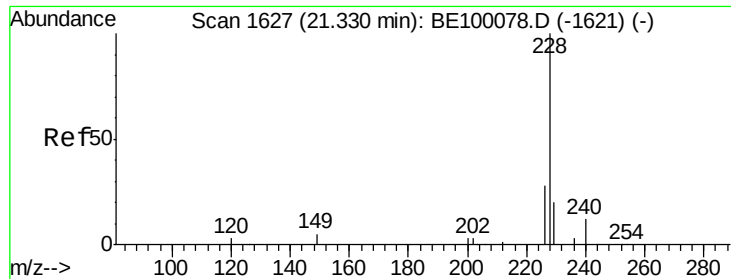
mohammad
6/21/2019 8:16:50 AM



#29
Terphenyl-d14
Concen: 0.622 ng
RT: 19.79 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BE100127.D
Acq: 21 Jun 2019 3:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	31.4	29.8	44.8
122	6.3	6.1	9.1





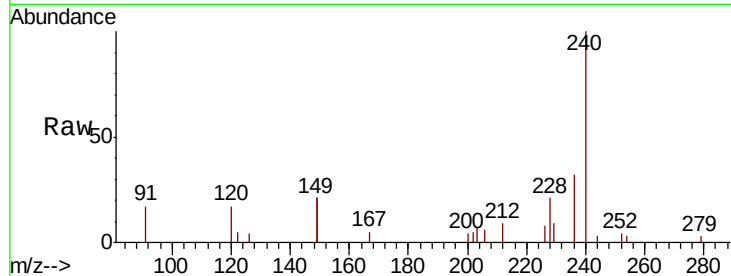
#30
Benzo(a)anthracene
Concen: 0.026 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100127.D
Acq: 21 Jun 2019 3:16

Instrument :
BNA_E
ClientSampleId :
C-MW-10_061119

Tot Ion	Ratio	Lower	Upper
228	100		
226	39.5	23.0	34.4#
229	42.0	16.4	24.6#

Manual Integrations
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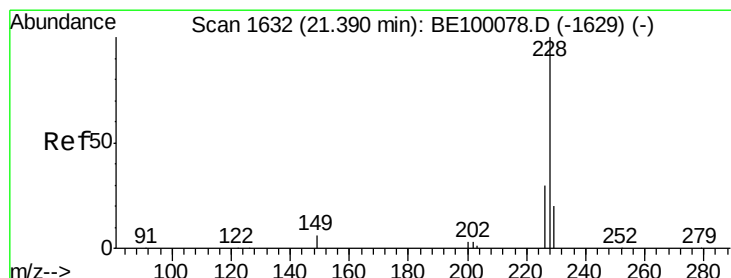
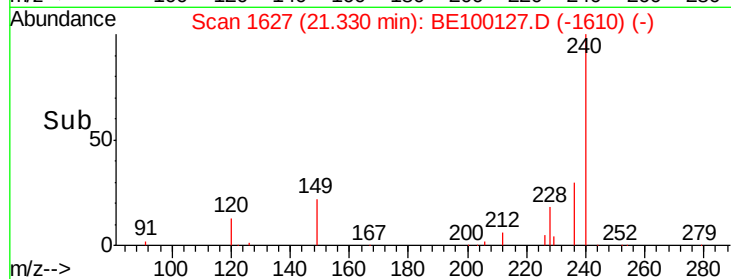
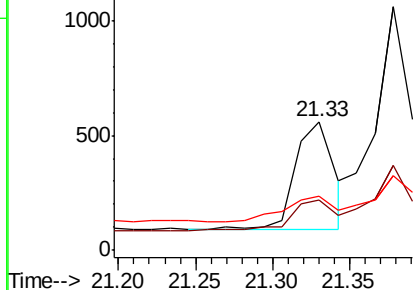


Abundance

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



#31
Chrysene
Concen: 0.044 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE100127.D
Acq: 21 Jun 2019 3:16

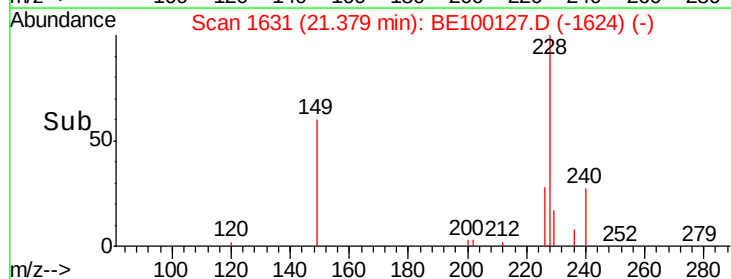
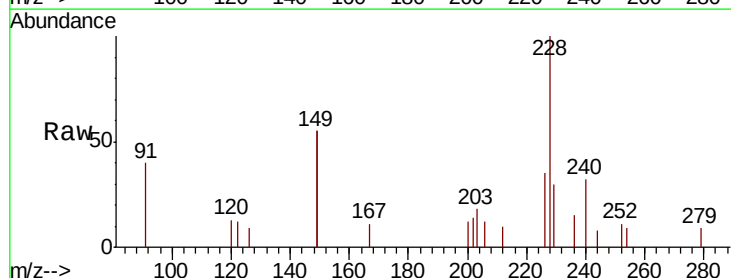
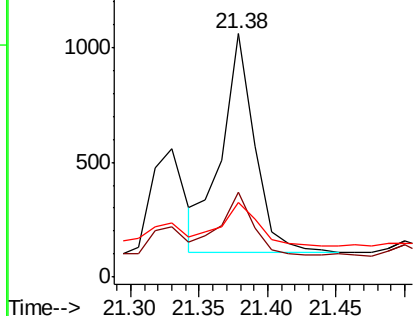
Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.9	23.8	35.8
229	30.5	16.3	24.5#

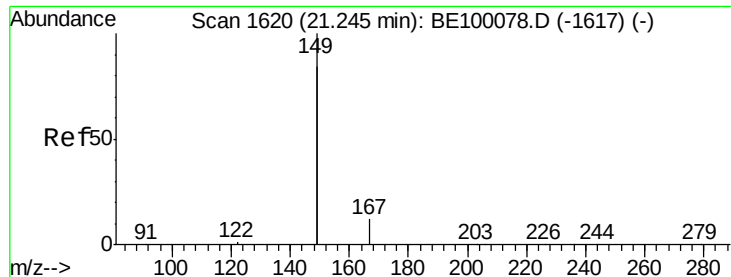
Abundance

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





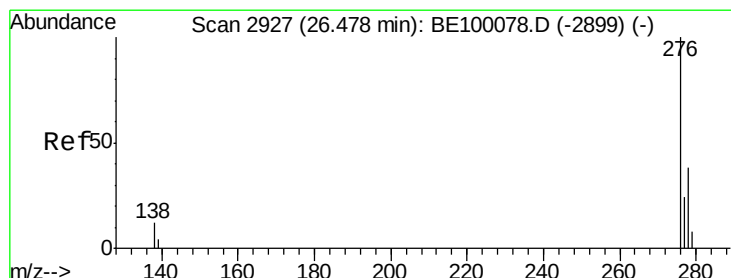
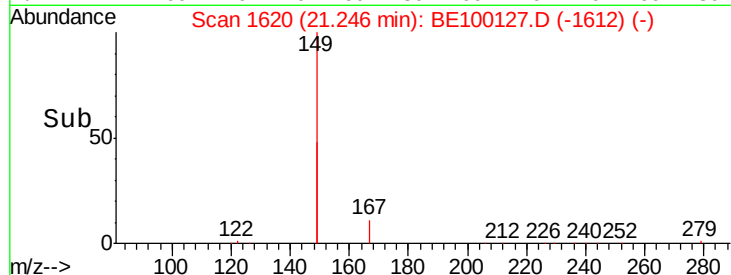
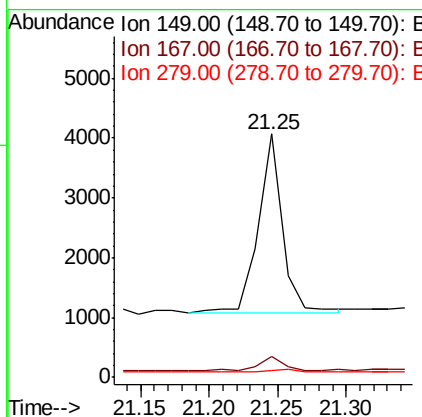
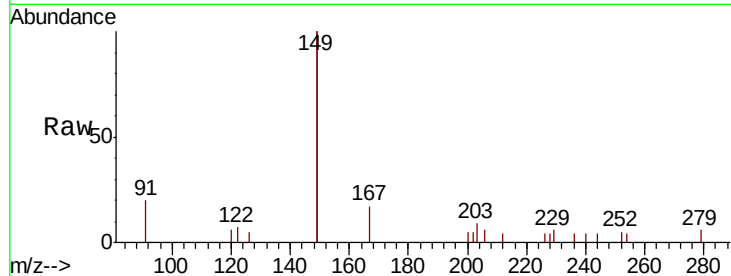
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.126 ng
 RT: 21.25 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BE100127.D
 Acq: 21 Jun 2019 3:16

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-10_061119

Tot Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.8	8.6
279	1.8	1.1	1.7#

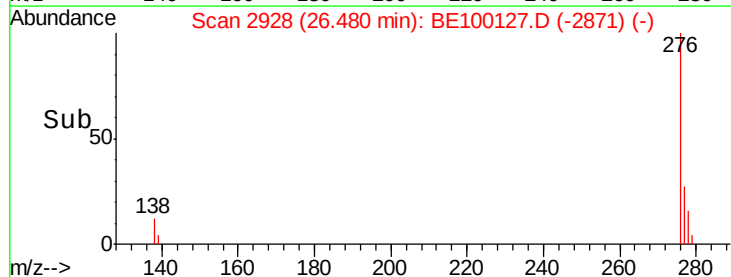
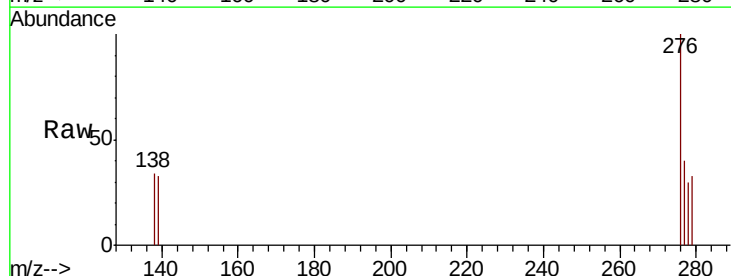
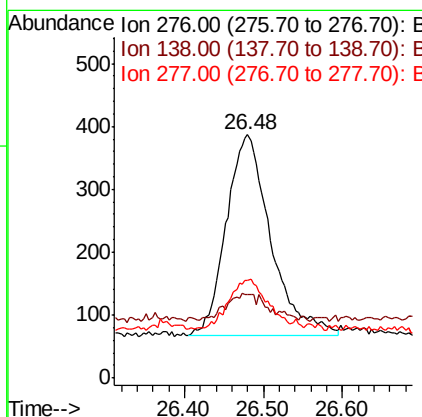
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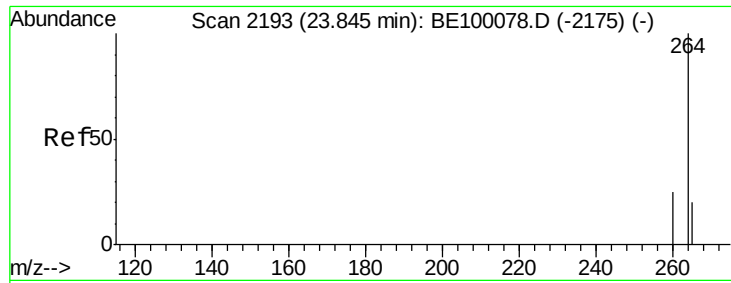
mohammad
 6/21/2019 8:16:50 AM



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.030 ng
 RT: 26.48 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: BE100127.D
 Acq: 21 Jun 2019 3:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.3	4.3	6.5#
277	20.7	19.4	29.0





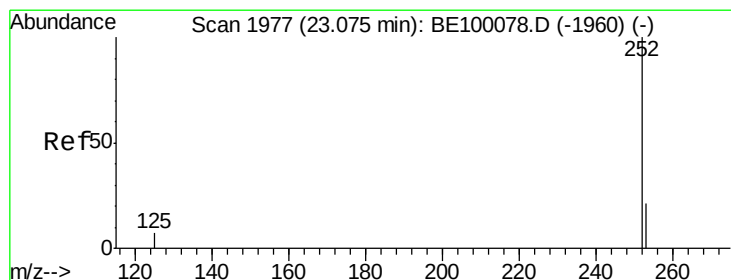
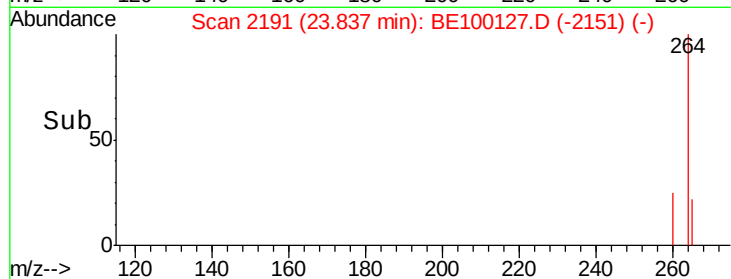
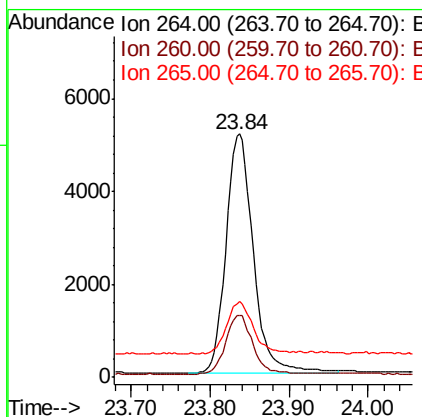
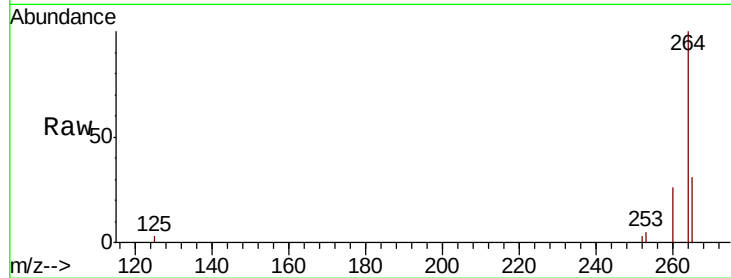
#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.84 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BE100127.D
 Acq: 21 Jun 2019 3:16

Instrument :
 BNA_E
 ClientSampled :
 C-MW-10_061119

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.8	31.2
265	31.3	23.2	34.8

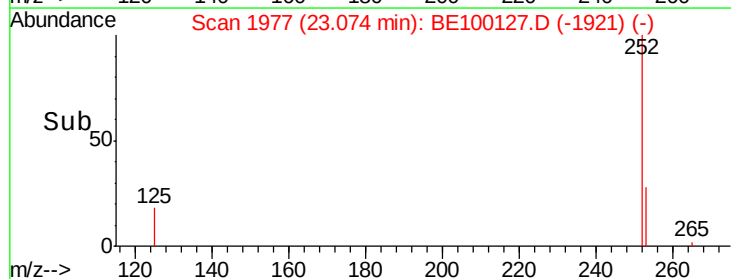
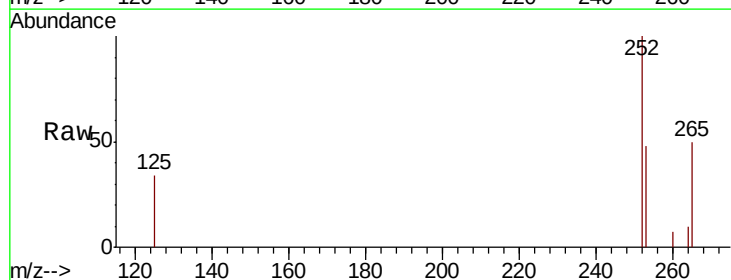
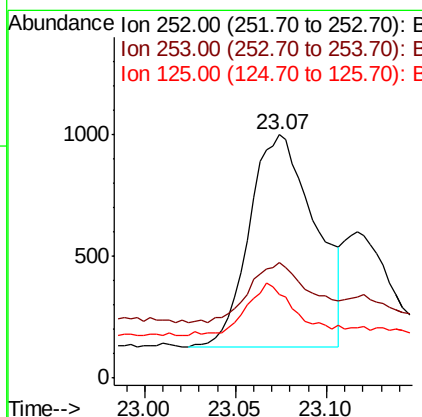
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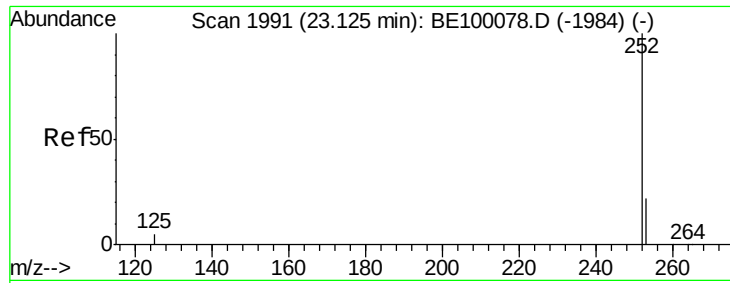
mohammad
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#35
 Benzo(b)fluoranthene
 Concen: 0.060 ng
 RT: 23.07 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BE100127.D
 Acq: 21 Jun 2019 3:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	47.6	18.4	27.6#
125	34.2	6.4	9.6#





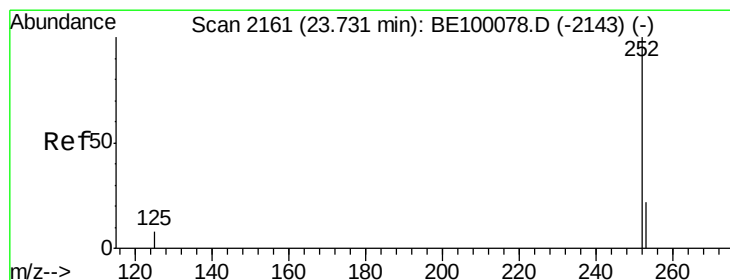
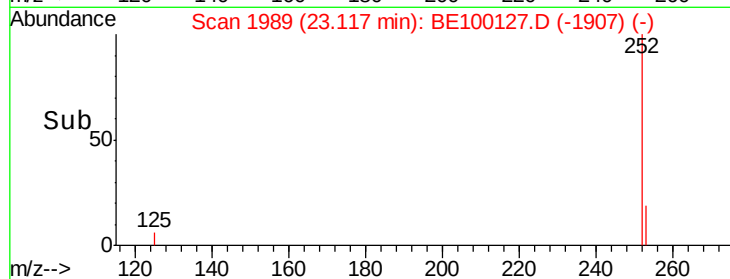
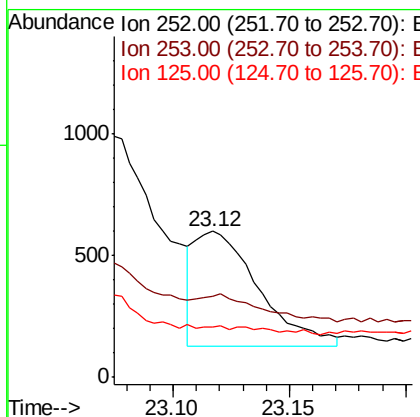
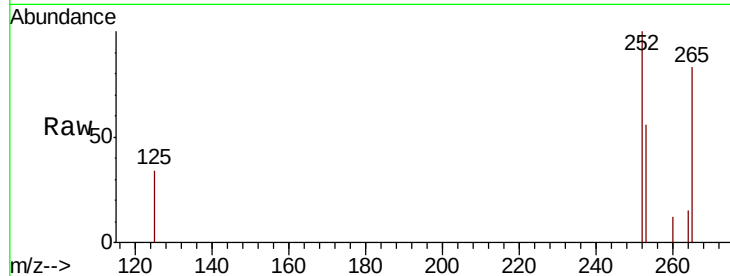
#36
Benzo(k)fluoranthene
Concen: 0.022 ng m
RT: 23.12 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BE100127.D
Acq: 21 Jun 2019 3:16

Instrument :
BNA_E
ClientSampleId :
C-MW-10_061119

Tot Ion	Ratio	Lower	Upper
252	100		
253	55.7	18.9	28.3#
125	34.4	5.3	7.9#

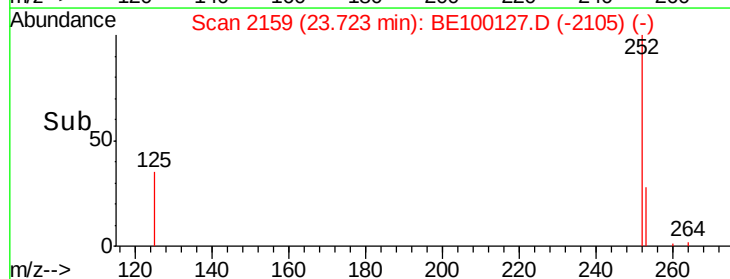
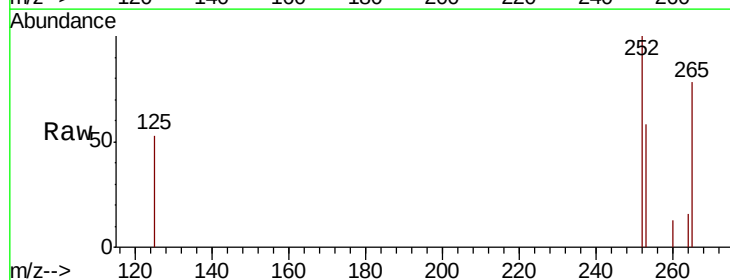
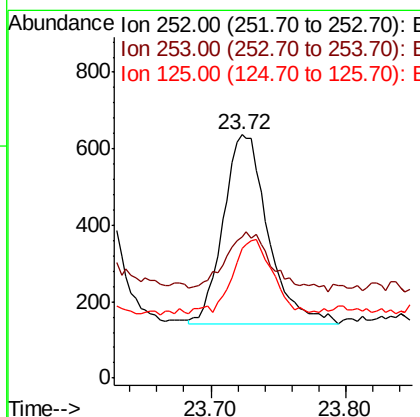
Manual Integrations
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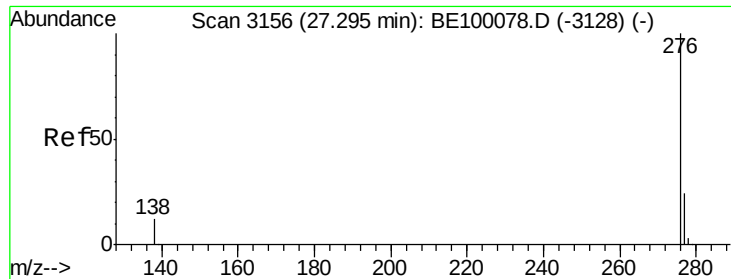
mohammad
6/21/2019 8:16:50 AM



#37
Benzo(a)pyrene
Concen: 0.033 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BE100127.D
Acq: 21 Jun 2019 3:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	57.9	19.4	29.2#
125	53.2	8.0	12.0#





#39

Benzo(a,h,i)perylene

Concen: 0.036 ng

RT: 27.29 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BE100127.D

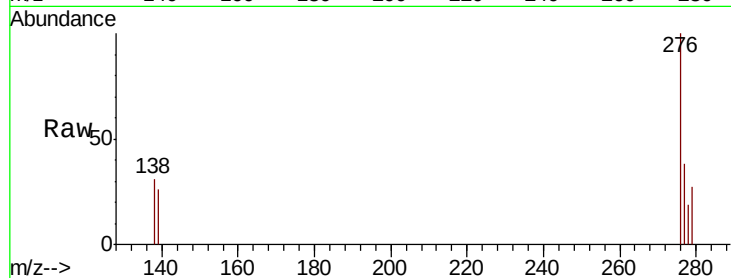
Acq: 21 Jun 2019 3:16

Instrument :

BNA_E

ClientSampleId :

C-MW-10_061119



Tot Ion:	276	Resp:	1331
Ion Ratio	Lower	Upper	
276	100		
277	37.7	20.3	30.5#
138	30.5	11.3	16.9#

Manual Integrations
APPROVED

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