

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070519\
 Data File : BE100403.D
 Acq On : 6 Jul 2019 4:55
 Operator : JU/SJ
 Sample : K3561-05MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-016-SW099-062519MS

Manual Integrations
 APPROVED

mohammad
 7/8/2019 2:14:38 PM

Quant Time: Jul 06 05:55:14 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 28 14:06:53 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	610	0.40	ng	-0.02
7) Naphthalene-d8	10.42	136	2001	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	1502	0.40	ng	-0.01
19) Phenanthrene-d10	17.04	188	4676	0.40	ng	-0.01
27) Chrysene-d12	21.23	240	6027	0.40	ng	-0.01
34) Perylene-d12	23.65	264	7521	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.20	112	522	0.34	ng	-0.01
5) Phenol-d6	6.81	99	657	0.32	ng	-0.02
8) Nitrobenzene-d5	8.80	82	530	0.27	ng	-0.03
11) 2-Methylnaphthalene-d10	12.02	152	1533	0.41	ng	-0.03
14) 2,4,6-Tribromophenol	15.80	330	380	0.36	ng	-0.03
15) 2-Fluorobiphenyl	12.91	172	1951	0.33	ng	-0.03
25) Fluoranthene-d10	19.08	212	18602	0.27	ng	-0.02
29) Terphenyl-d14	19.68	244	4231	0.34	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.07	88	209	0.221	ng	# 56
3) n-Nitrosodimethylamine	3.41	42	200	0.453	ng	# 73
6) bis(2-Chloroethyl)ether	7.06	93	447	0.266	ng	# 53
9) Naphthalene	10.47	128	7417	0.336	ng	99
10) Hexachlorobutadiene	10.73	225	699	0.329	ng	97
12) 2-Methylnaphthalene	12.11	142	1193	0.308	ng	98
16) Acenaphthylene	14.02	152	2598	0.360	ng	99
17) Acenaphthene	14.36	154	1454	0.356	ng	93
18) Fluorene	15.34	166	2172	0.360	ng	98
20) 4-Bromophenyl-phenylether	16.24	248	904	0.303	ng	91
21) Hexachlorobenzene	16.35	284	924	0.298	ng	95
22) Pentachlorophenol	16.72	266	364	0.390	ng	99
23) Phenanthrene	17.08	178	15587	1.375	ng	99
24) Anthracene	17.18	178	4562	0.447	ng	# 95
26) Fluoranthene	19.11	202	27119	1.502	ng	99
28) Pyrene	19.48	202	44637	2.797	ng	# 94
30) Benzo(a)anthracene	21.21	228	25822	1.303	ng	98
31) Chrysene	21.27	228	29943	1.505	ng	98
32) Bis(2-ethylhexyl)phthalate	21.14	149	21310	0.703	ng	100
33) Indeno(1,2,3-cd)pyrene	26.20	276	14802	0.562	ng	97
35) Benzo(b)fluoranthene	22.91	252	23388	1.147	ng	98
36) Benzo(k)fluoranthene	22.95	252	13552m	0.595	ng	
37) Benzo(a)pyrene	23.54	252	21562	1.055	ng	# 97
38) Dibenzo(a,h)anthracene	26.22	278	7489	0.351	ng	92
39) Benzo(g,h,i)perylene	26.99	276	16108	0.735	ng	100

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

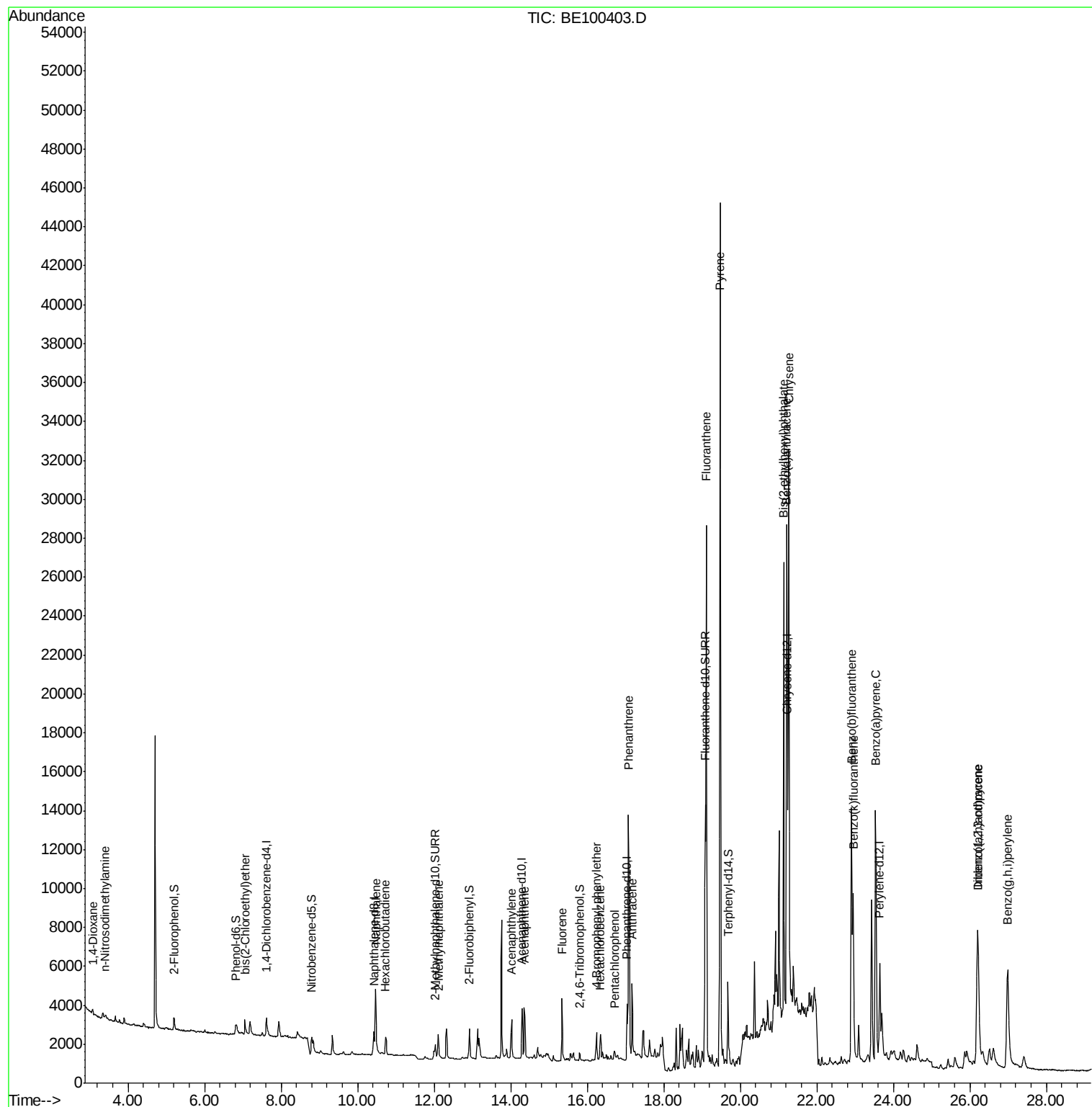
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070519\
Data File : BE100403.D
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#1

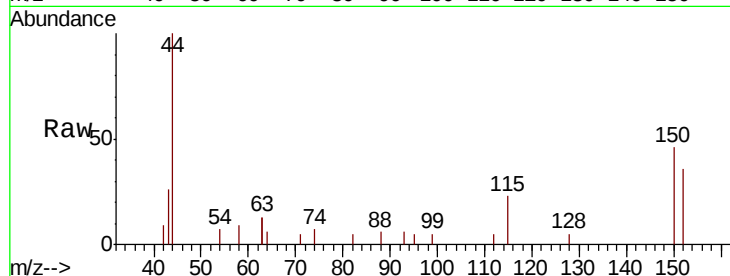
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 413
Delta R.T. -0.02 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

Instrument :
BNA_E
ClientSampleId :
EXT-016-SW099-062519MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	128.3	114.5	171.7
115	64.8	57.1	85.7

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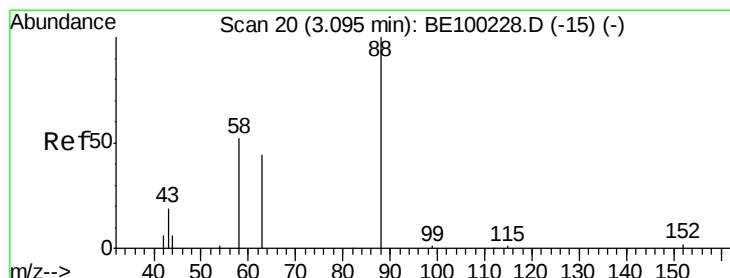
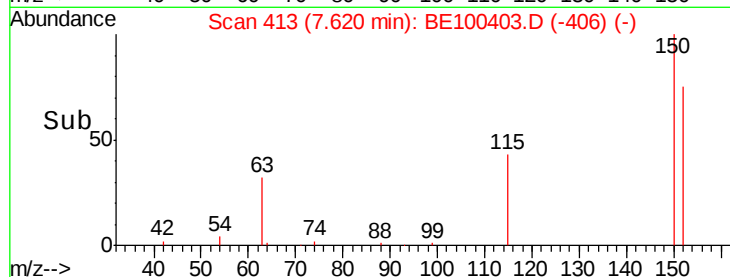
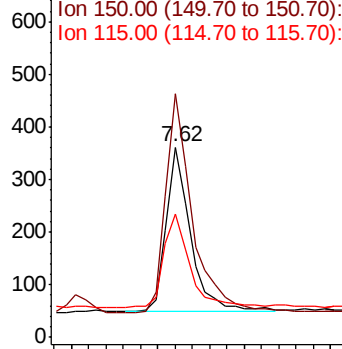


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

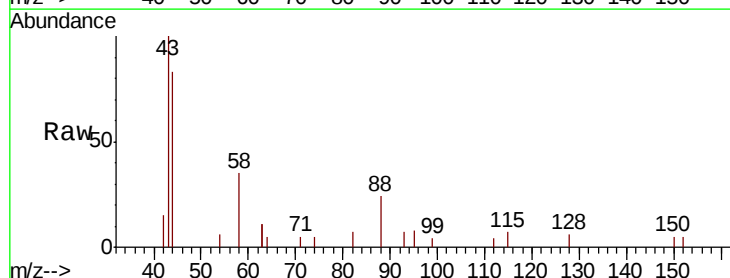
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.221 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.02 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.3	43.6	65.4#
43	0.0	21.4	32.0#

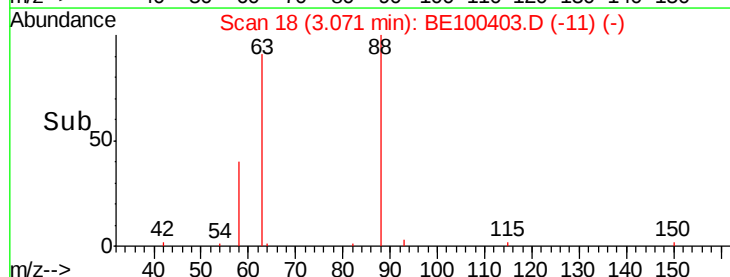
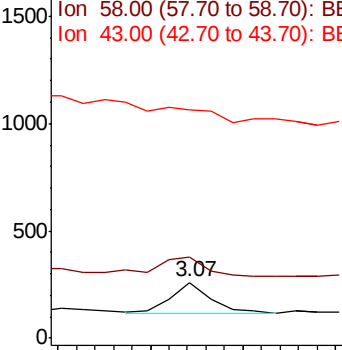


Abundance

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: 0.453 ng

RT: 3.41 min Scan# 47

Delta R.T. -0.06 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

BNA_E

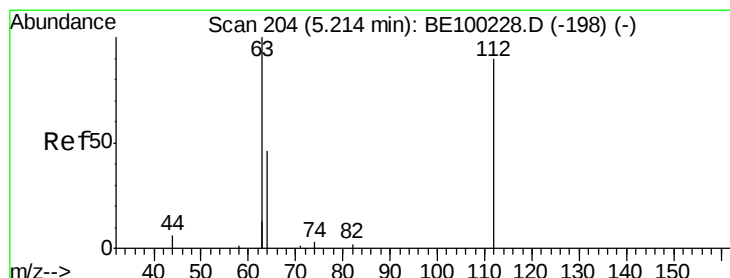
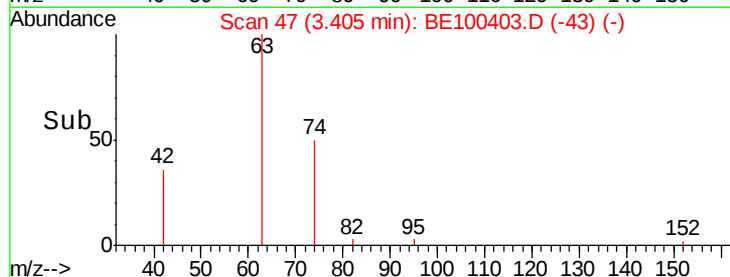
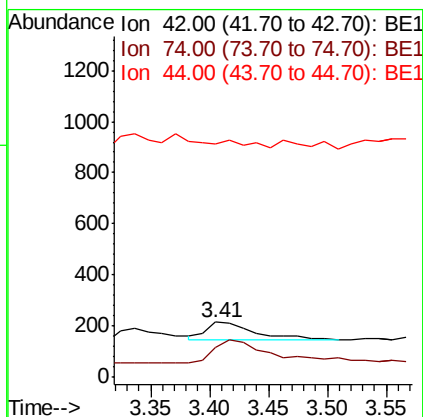
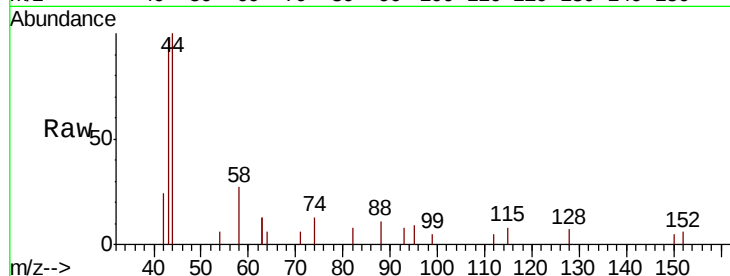
ClientSampleId :

EXT-016-SW099-062519MS

Tot Ion:	42	Resp:	200
Ion	Ratio	Lower	Upper
42	100		
74	143.5	130.6	196.0
44	0.0	38.0	57.0#

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#4

2-Fluorophenol

Concen: 0.336 ng

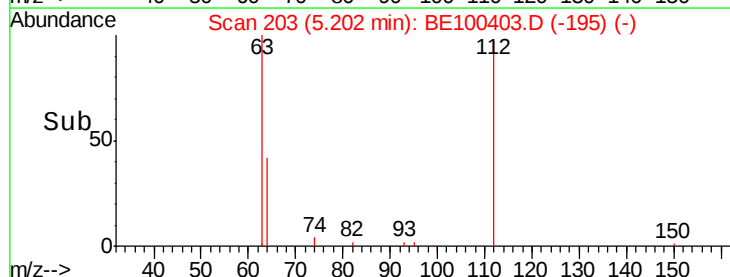
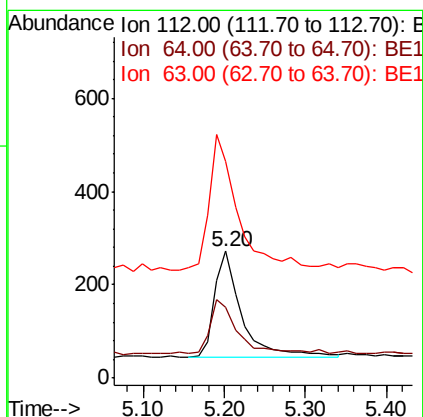
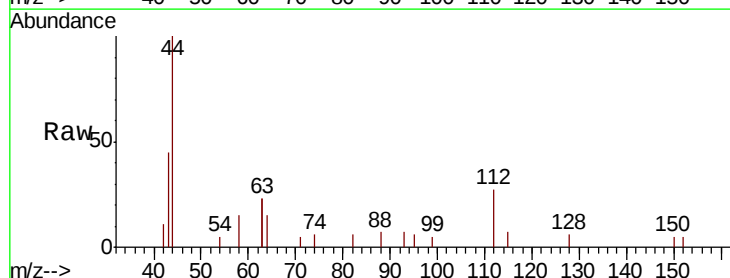
RT: 5.20 min Scan# 203

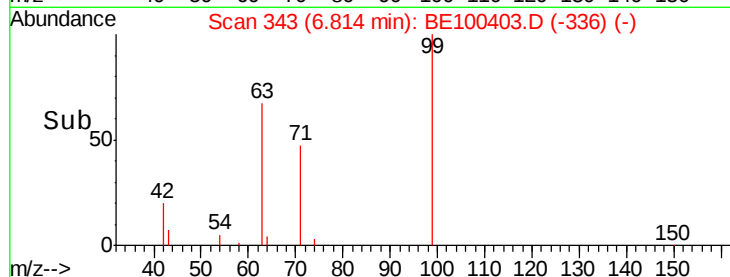
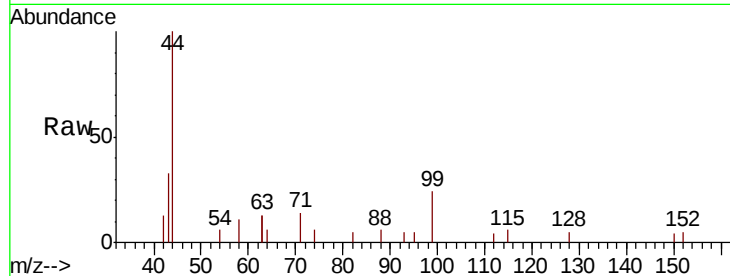
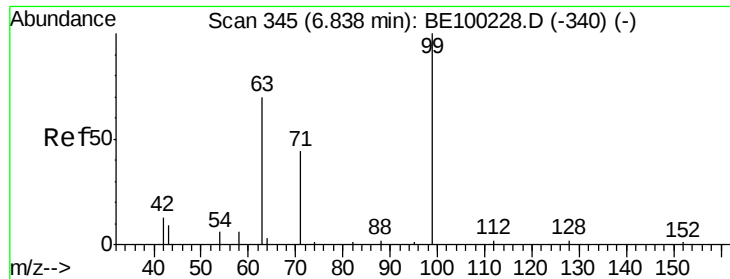
Delta R.T. -0.01 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Tgt Ion:	112	Resp:	522
Ion	Ratio	Lower	Upper
112	100		
64	49.4	39.4	59.0
63	135.8	104.5	156.7





#5

Phenol-d6

Concen: 0.321 ng

RT: 6.81 min Scan# 343

Delta R.T. -0.02 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Tot Ion:	99	Resp:	657
Ion	Ratio	Lower	Upper
99	100		
42	24.4	11.2	16.8#
71	43.4	37.2	55.8

Instrument :

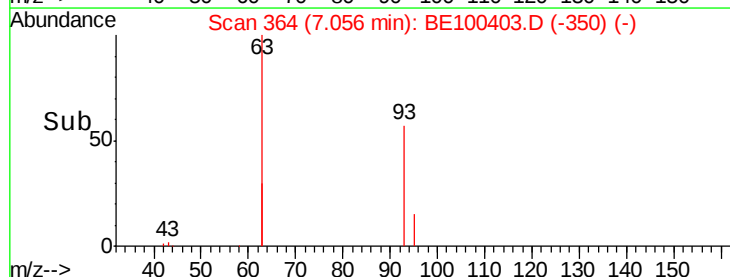
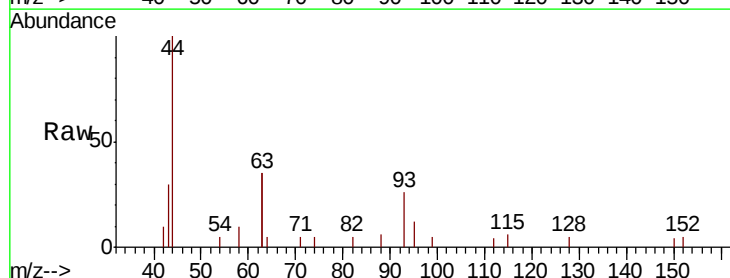
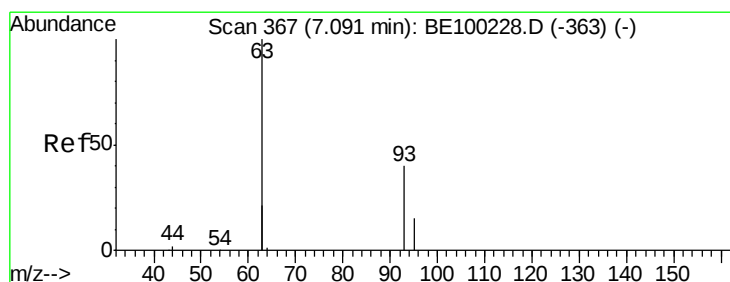
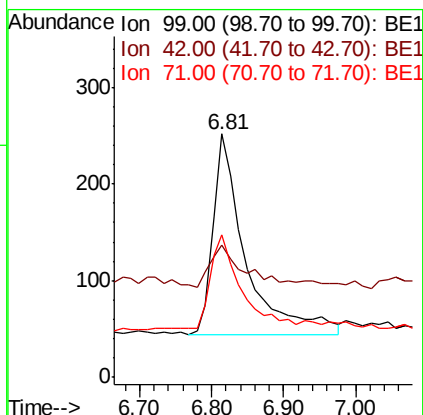
BNA_E

ClientSampleId :

EXT-016-SW099-062519MS

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#6

bis(2-Chloroethyl)ether

Concen: 0.266 ng

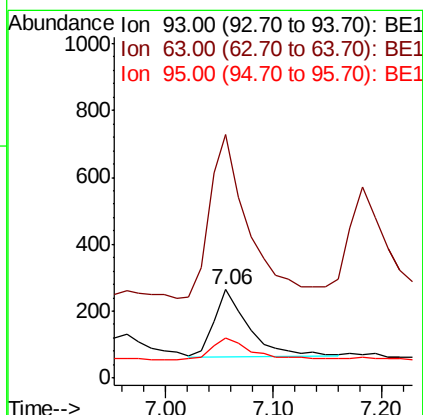
RT: 7.06 min Scan# 364

Delta R.T. -0.03 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Tgt Ion:	93	Resp:	447
Ion	Ratio	Lower	Upper
93	100		
63	272.5	155.6	233.4#
95	36.2	23.0	34.4#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.42 min Scan# 635

Delta R.T. -0.03 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

BNA_E

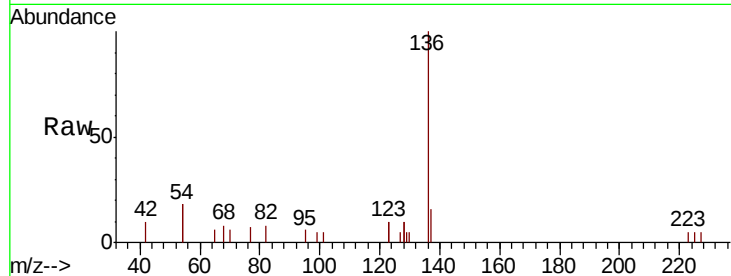
ClientSampleId :

EXT-016-SW099-062519MS

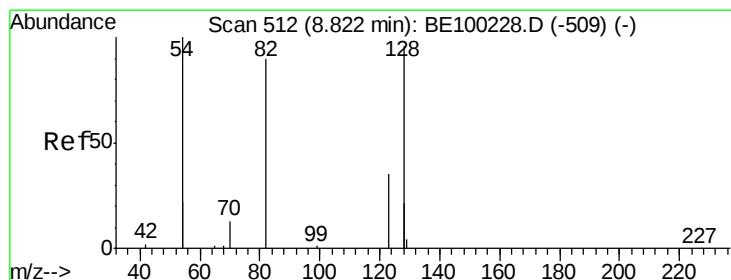
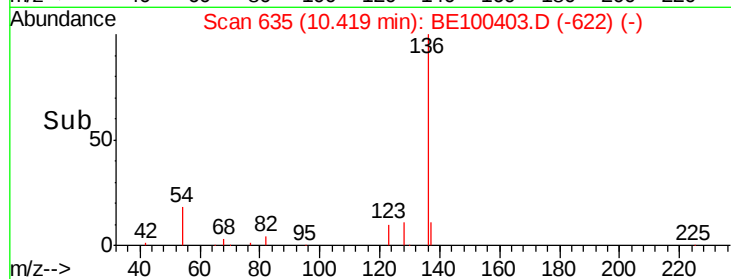
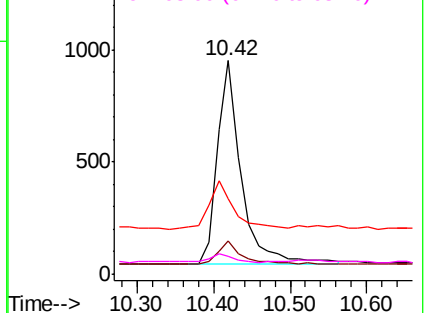
Tot Ion	Ratio	Lower	Upper
136	100		
137	15.5	11.8	17.8
54	35.0	27.7	41.5
68	8.5	6.8	10.2

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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: 0.267 ng

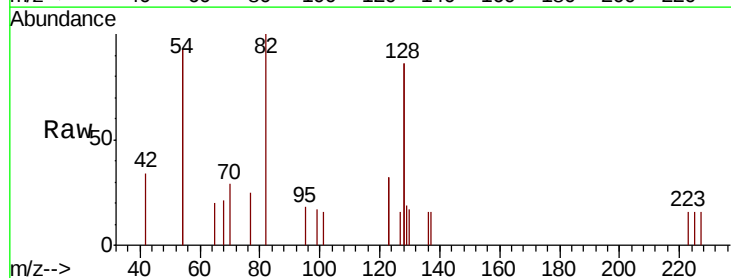
RT: 8.80 min Scan# 510

Delta R.T. -0.03 min

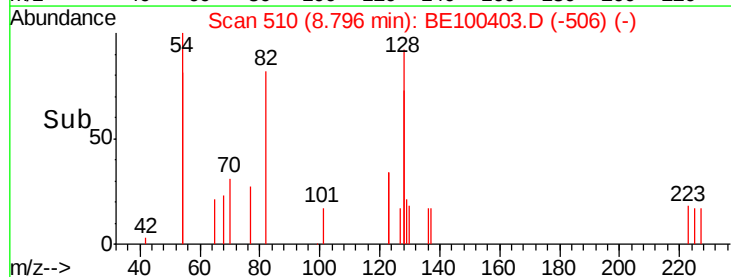
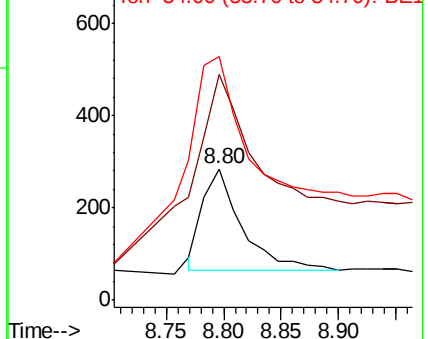
Lab File: BE100403.D

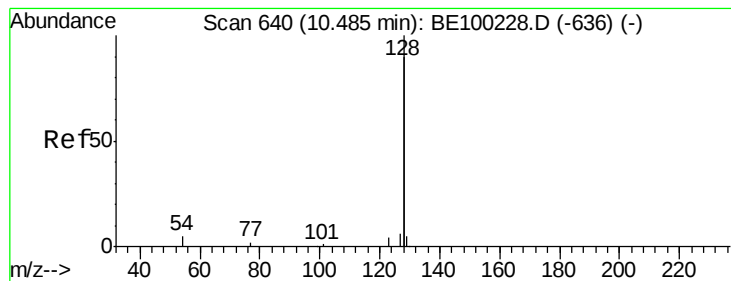
Acq: 6 Jul 2019 4:55

Tgt Ion	Ratio	Lower	Upper
82	100		
128	171.2	140.9	211.3
54	185.3	146.2	219.2



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: 0.336 ng

RT: 10.47 min Scan# 639

Delta R.T. -0.01 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

BNA_E

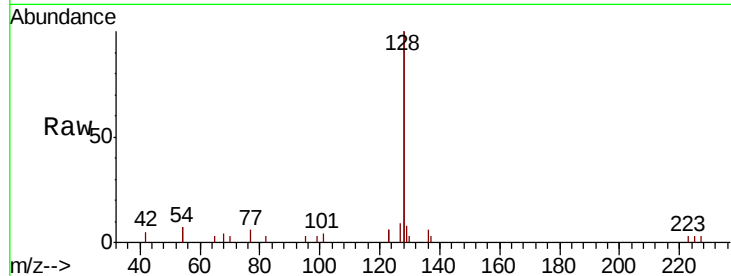
ClientSampleId :

EXT-016-SW099-062519MS

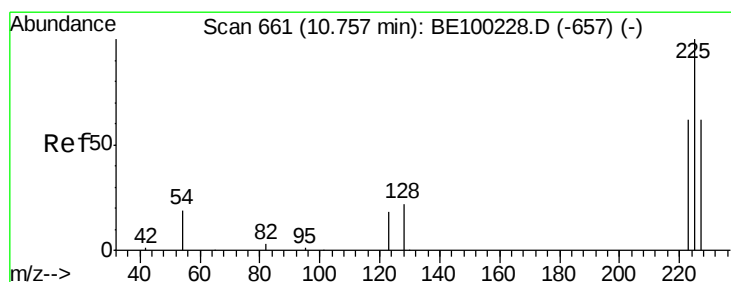
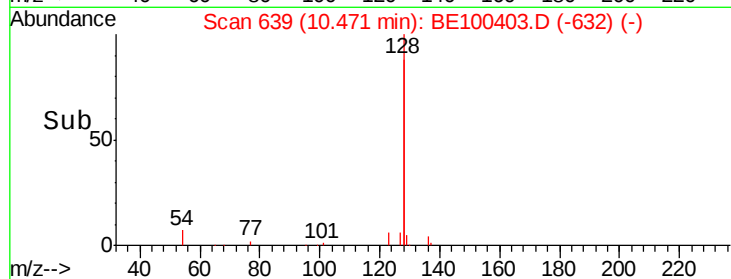
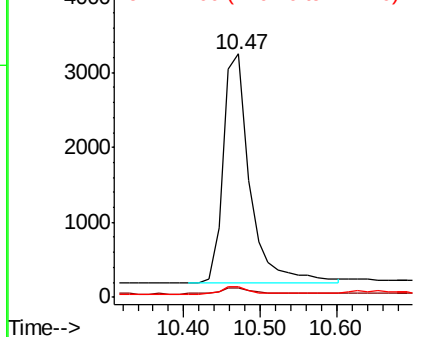
Tot Ion:	128	Resp:	7417
Ion Ratio	Lower	Upper	
128	100		
129	4.1	3.0	4.6
127	4.5	3.5	5.3

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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: 0.329 ng

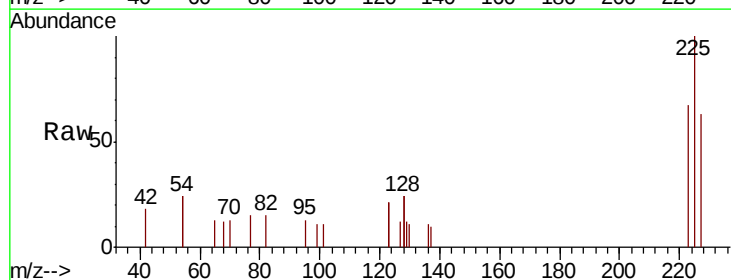
RT: 10.73 min Scan# 659

Delta R.T. -0.03 min

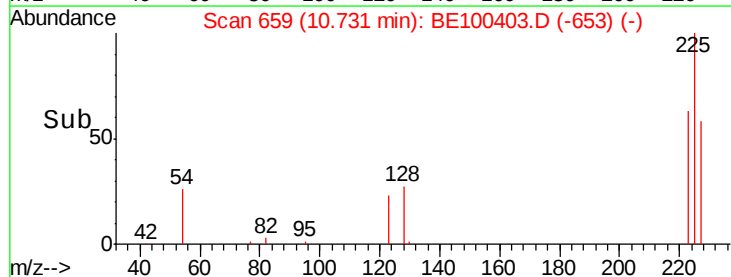
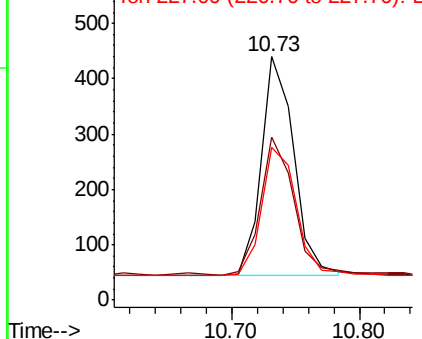
Lab File: BE100403.D

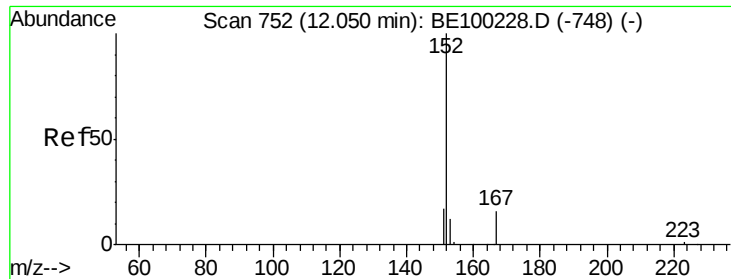
Acq: 6 Jul 2019 4:55

Tgt Ion:	225	Resp:	699
Ion Ratio	Lower	Upper	
225	100		
223	63.9	49.1	73.7
227	62.9	49.3	73.9



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





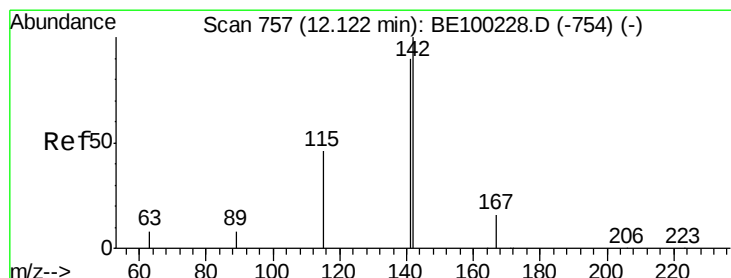
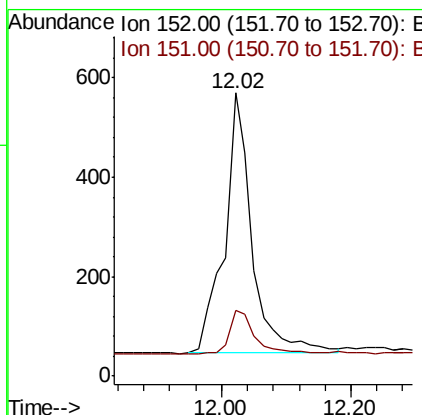
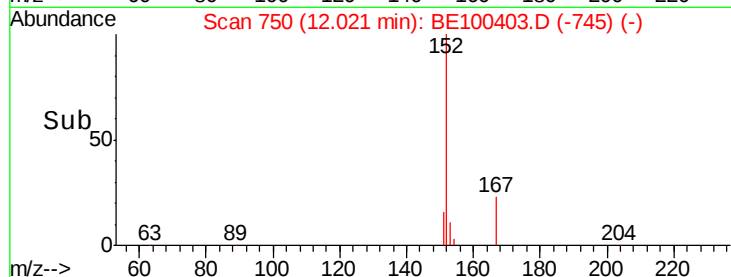
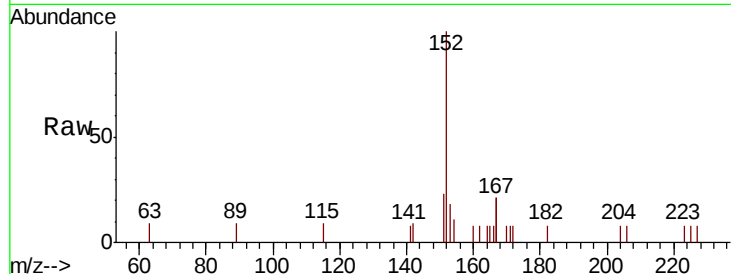
#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.02 min Scan# 750
Delta R.T. -0.03 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

Instrument :
BNA_E
ClientSampleId :
EXT-016-SW099-062519MS

Tot Ion:152 Resp: 1533
Ion Ratio Lower Upper
152 100
151 14.8 15.1 22.7#

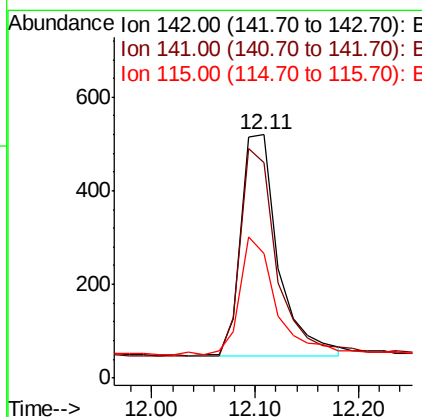
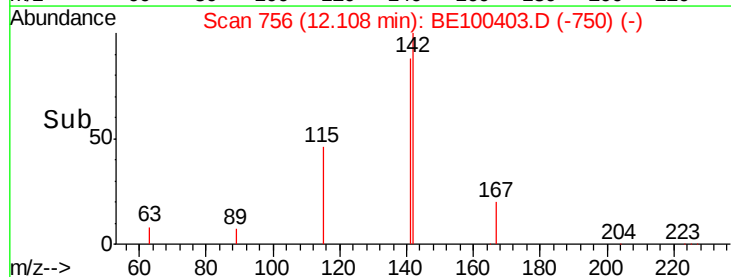
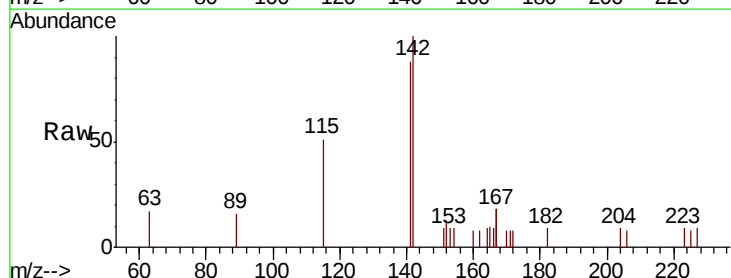
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#12
2-Methylnaphthalene
Concen: 0.308 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

Tgt Ion:142 Resp: 1193
Ion Ratio Lower Upper
142 100
141 88.3 72.4 108.6
115 51.2 40.4 60.6





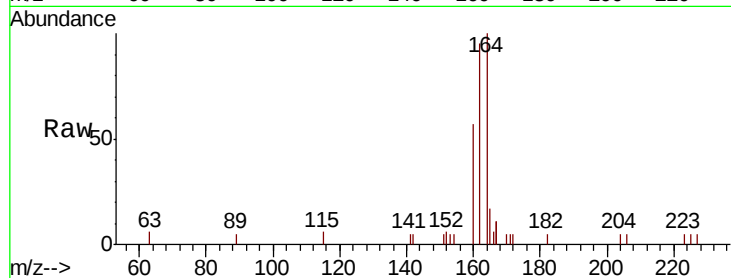
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.30 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BE100403.D
 Acq: 6 Jul 2019 4:55

Instrument :
 BNA_E
 ClientSampleId :
 EXT-016-SW099-062519MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	94.9	83.4	125.0
160	56.6	45.0	67.6

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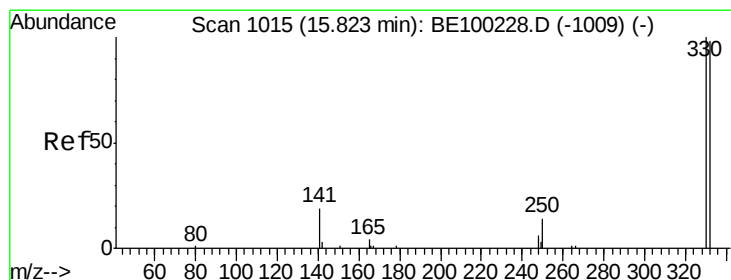
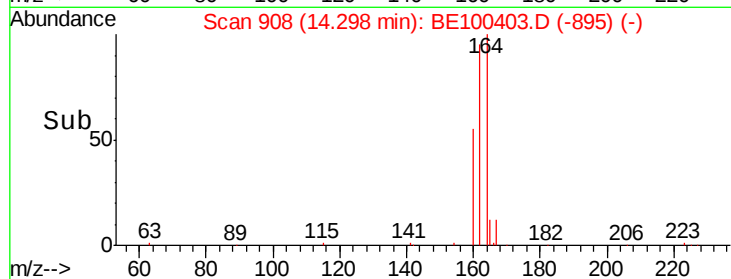
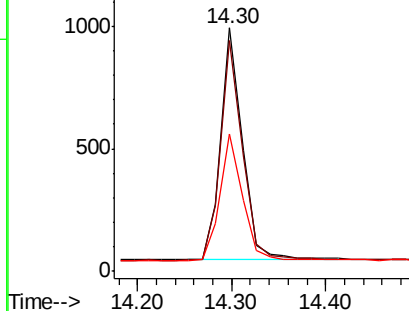


Abundance

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: 0.362 ng
 RT: 15.80 min Scan# 1013
 Delta R.T. -0.03 min
 Lab File: BE100403.D
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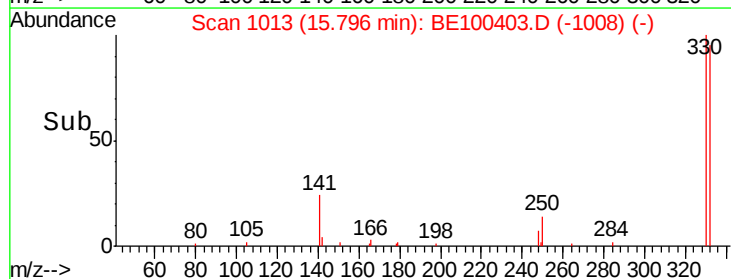
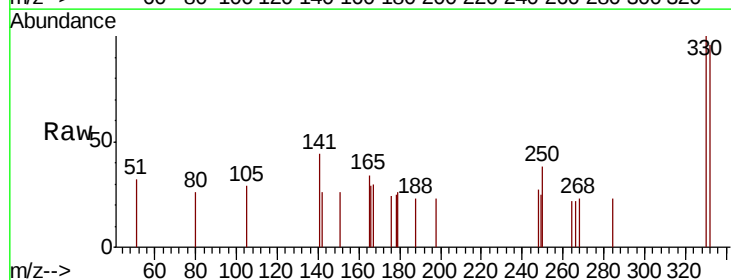
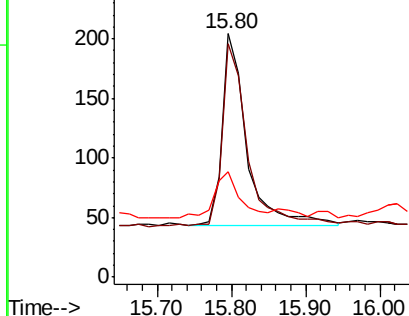
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.4
141	24.2	22.0	33.0

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





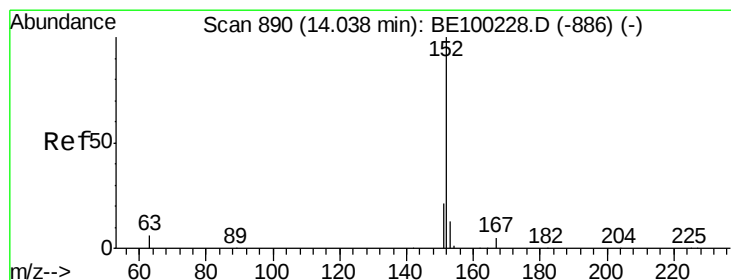
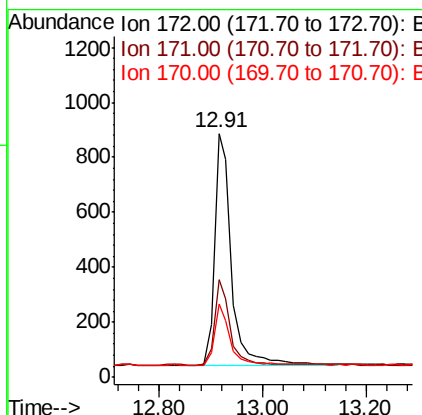
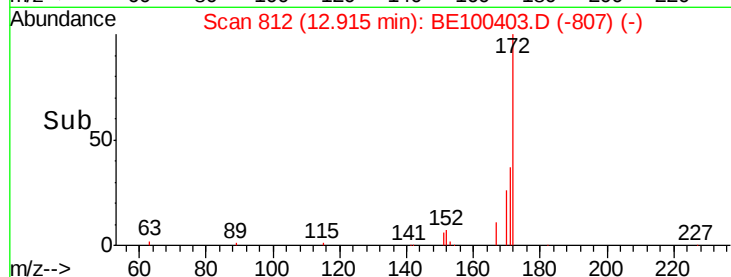
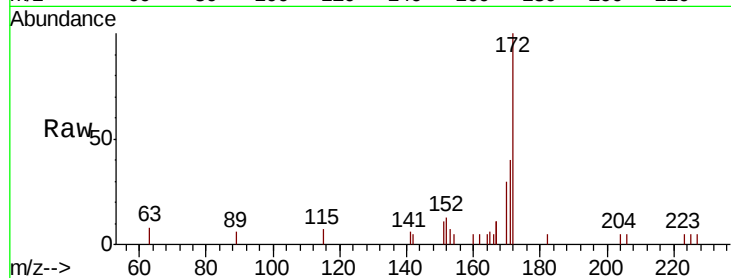
#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 12.91 min Scan# 812
Delta R.T. -0.03 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

Instrument :
BNA_E
ClientSampleId :
EXT-016-SW099-062519MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.0	31.9	47.9
170	30.1	22.2	33.2

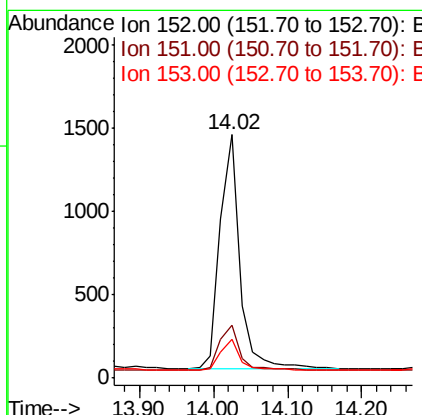
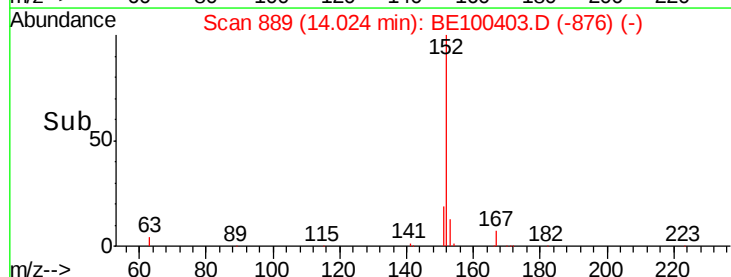
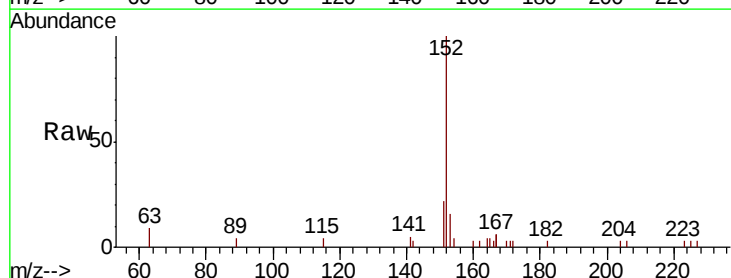
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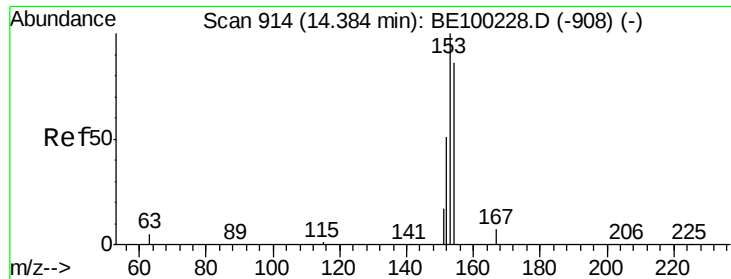
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#16
Acenaphthylene
Concen: 0.360 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.6	25.0
153	13.4	10.5	15.7





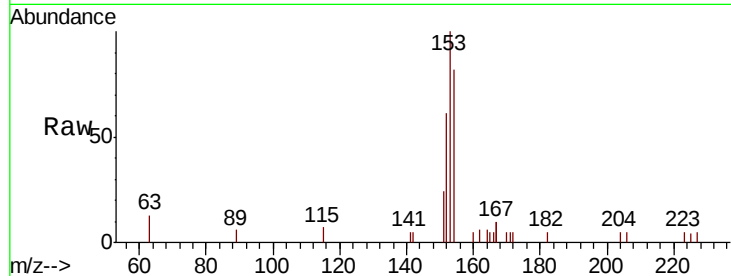
#17
Acenaphthene
Concen: 0.356 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.03 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

Instrument :
BNA_E
ClientSampleId :
EXT-016-SW099-062519MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	121.8	93.4	140.2
152	70.0	49.4	74.2

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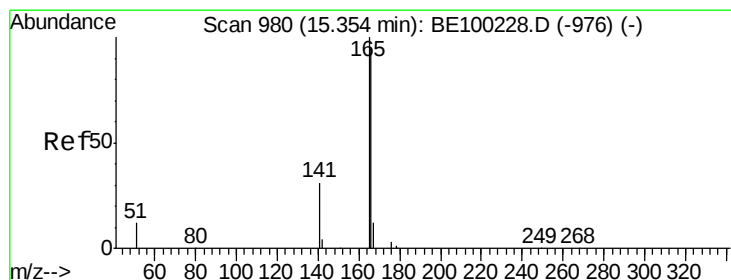
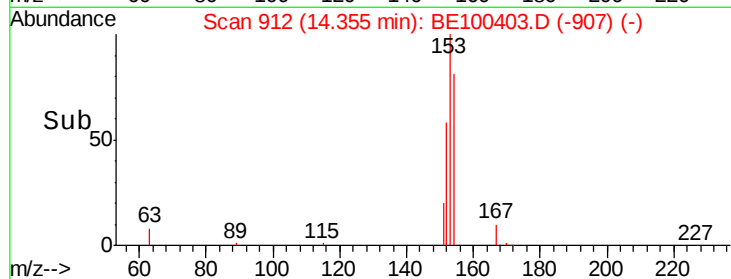
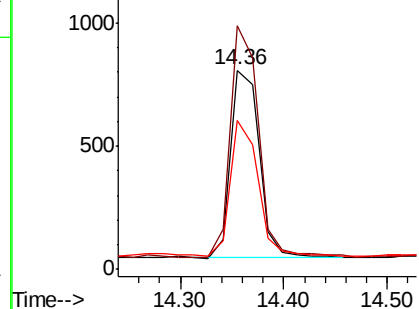


Abundance

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: 0.360 ng
RT: 15.34 min Scan# 979
Delta R.T. -0.01 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

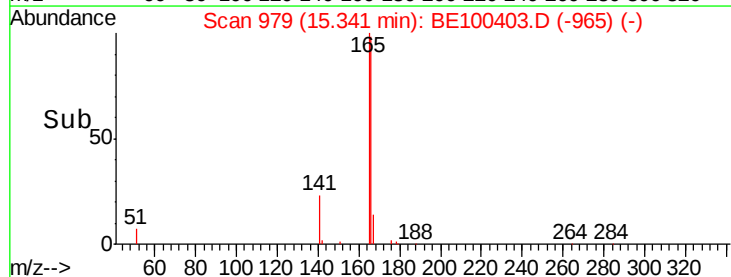
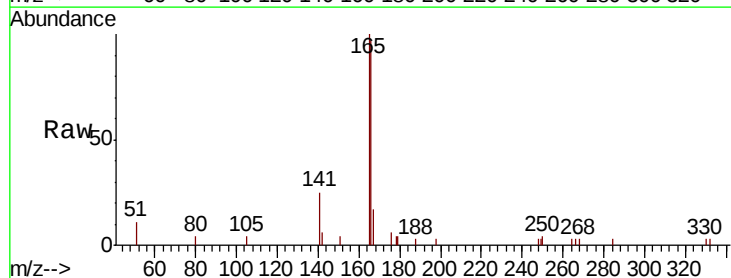
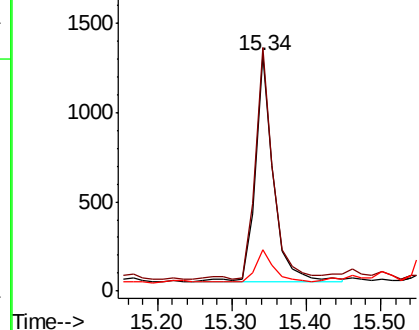
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	81.1	121.7
167	14.4	10.7	16.1

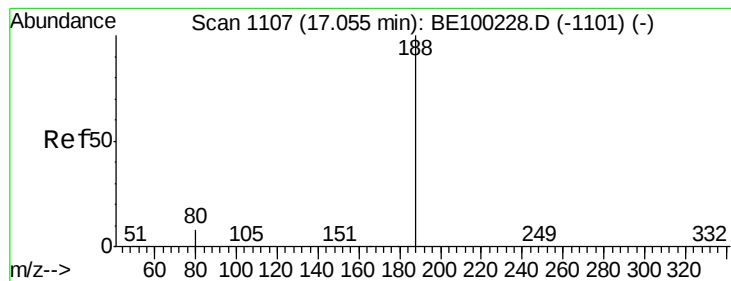
Abundance

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: 17.04 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

BNA_E

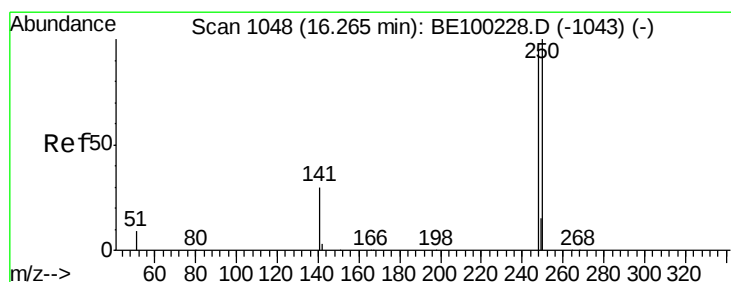
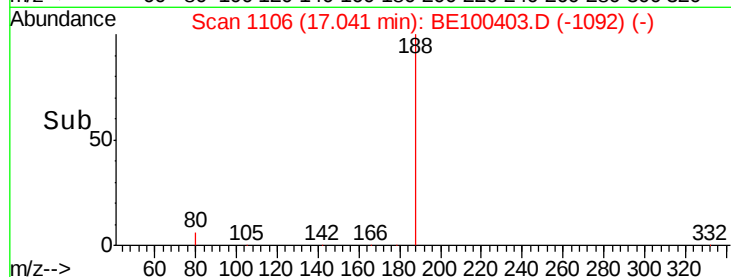
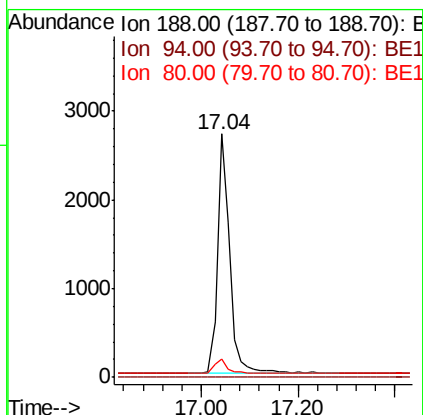
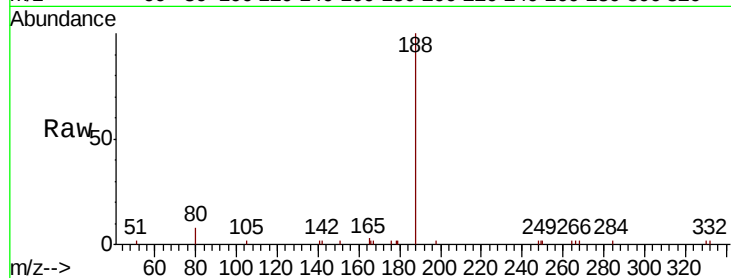
ClientSampleId :

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Tot Ion:	188	Resp:	4676
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.7	7.6	11.4

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#20

4-Bromophenyl-phenylether

Concen: 0.303 ng

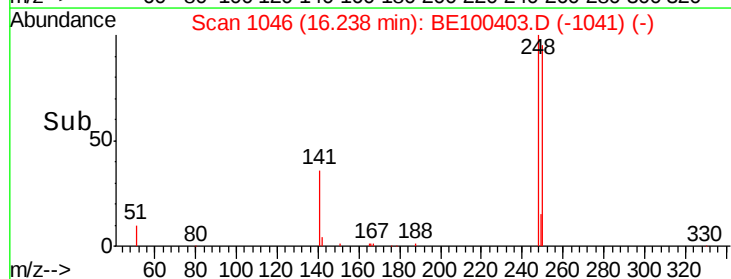
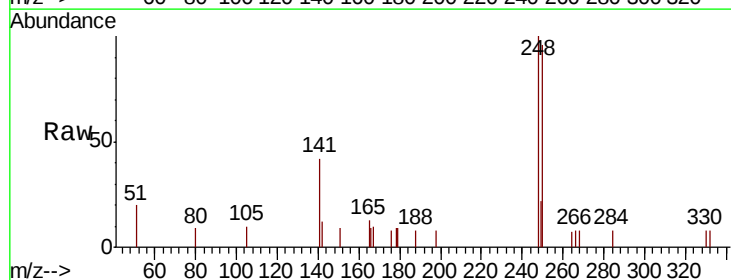
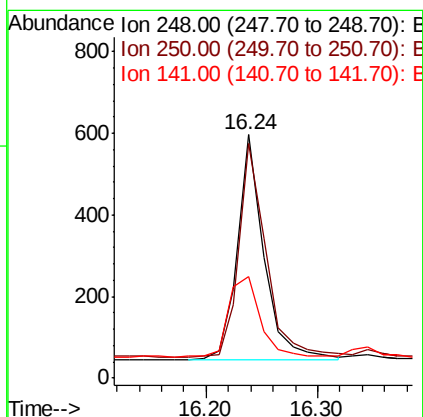
RT: 16.24 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Tgt Ion:	248	Resp:	904
Ion Ratio	Lower	Upper	
248	100		
250	96.5	84.2	126.4
141	41.5	29.3	43.9





#21

Hexachlorobenzene

Concen: 0.298 ng

RT: 16.35 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

BNA_E

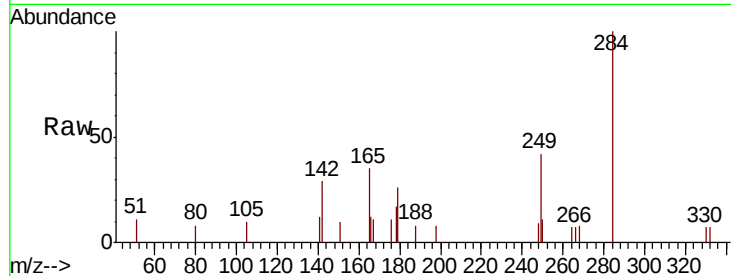
ClientSampleId :

EXT-016-SW099-062519MS

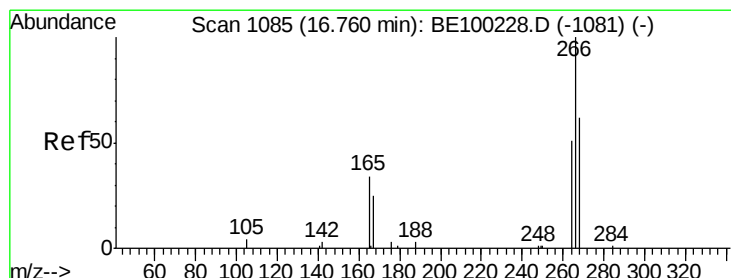
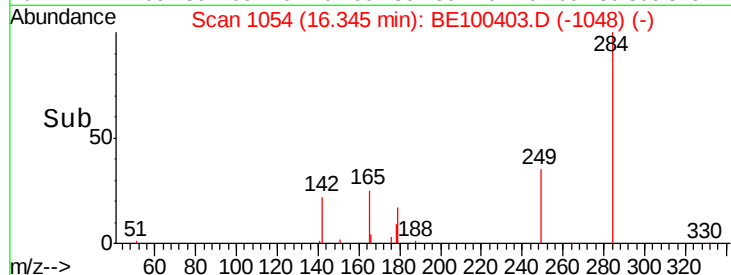
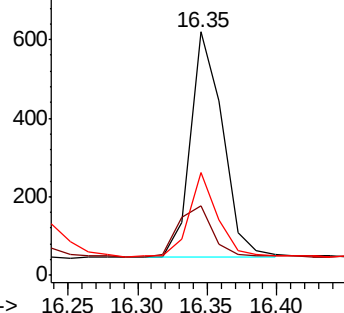
Tot Ion:	284	Resp:	924
Ion Ratio	Lower	Upper	
284	100		
142	24.5	18.8	28.2
249	33.4	23.7	35.5

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



#22

Pentachlorophenol

Concen: 0.390 ng

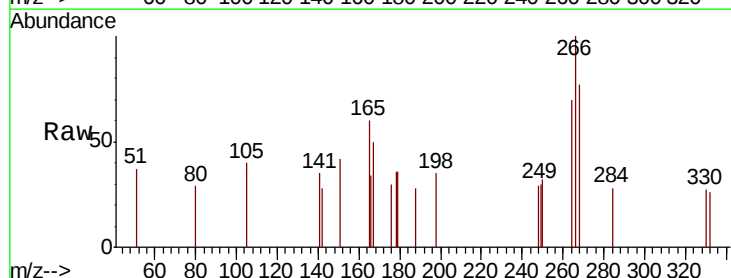
RT: 16.72 min Scan# 1082

Delta R.T. -0.04 min

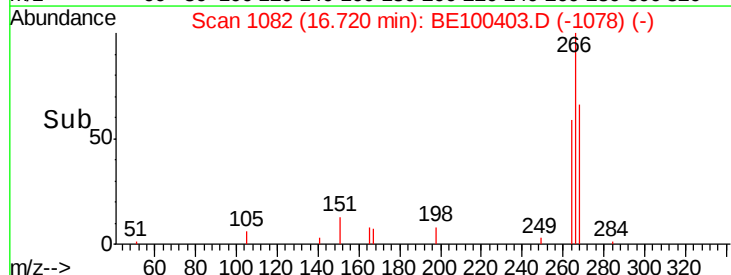
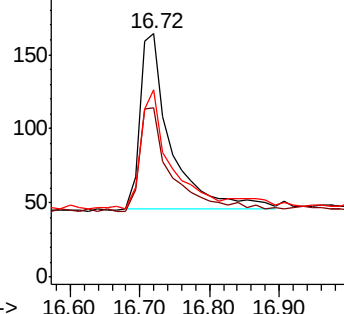
Lab File: BE100403.D

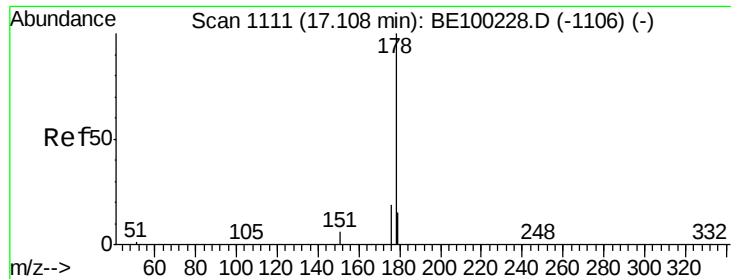
Acq: 6 Jul 2019 4:55

Tgt Ion:	266	Resp:	364
Ion Ratio	Lower	Upper	
266	100		
264	69.5	56.2	84.2
268	76.8	61.8	92.6



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: 1.375 ng

RT: 17.08 min Scan# 1109

Delta R.T. -0.03 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

BNA_E

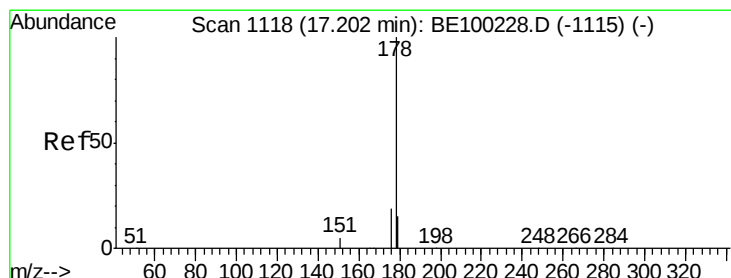
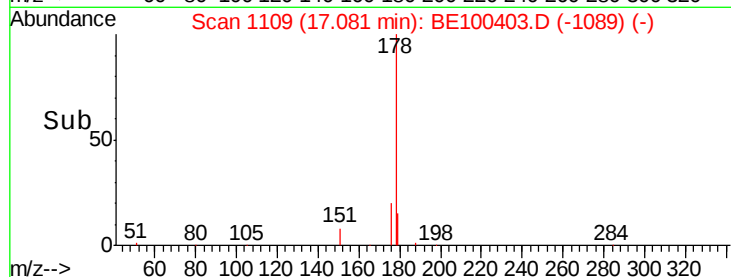
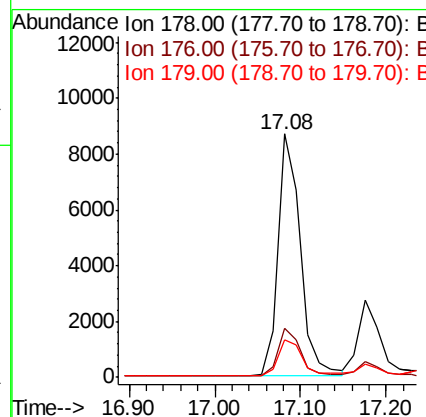
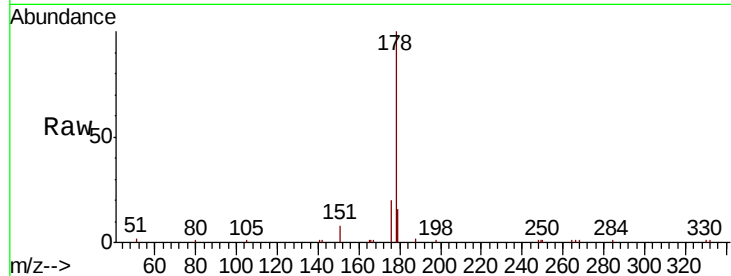
ClientSampleId :

EXT-016-SW099-062519MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	16.3	12.2	18.2

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#24

Anthracene

Concen: 0.447 ng

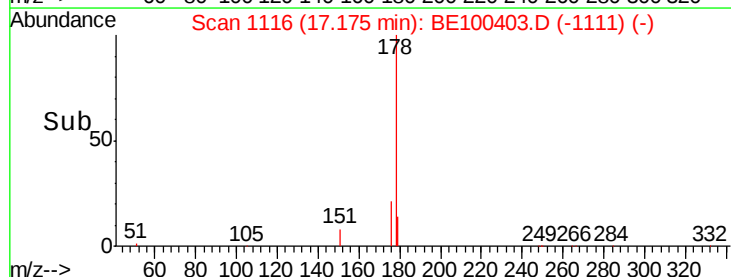
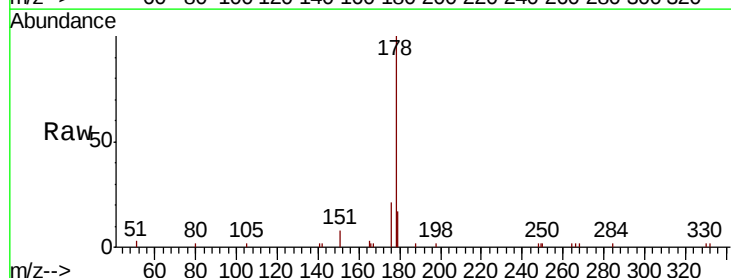
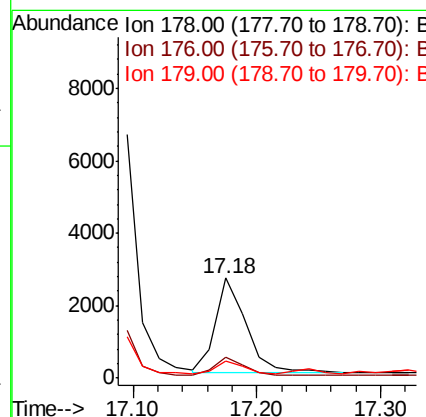
RT: 17.18 min Scan# 1116

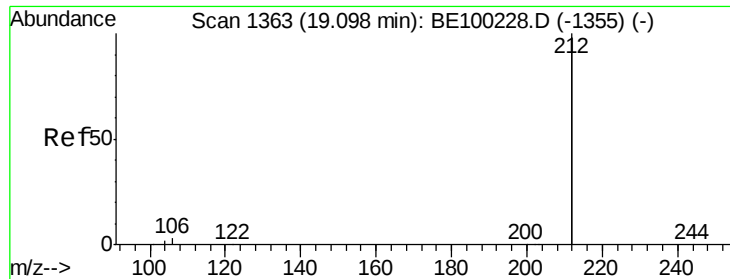
Delta R.T. -0.03 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	11.4	12.2	18.2





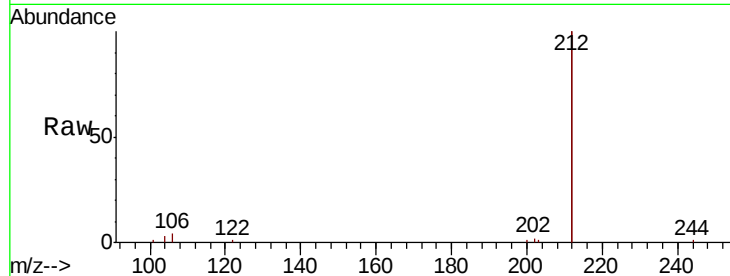
#25
 Fluoranthene-d10
 Concen: 0.274 ng
 RT: 19.08 min Scan# 1360
 Delta R.T. -0.02 min
 Lab File: BE100403.D
 Acq: 6 Jul 2019 4:55

Instrument :
 BNA_E
 ClientSampleId :
 EXT-016-SW099-062519MS

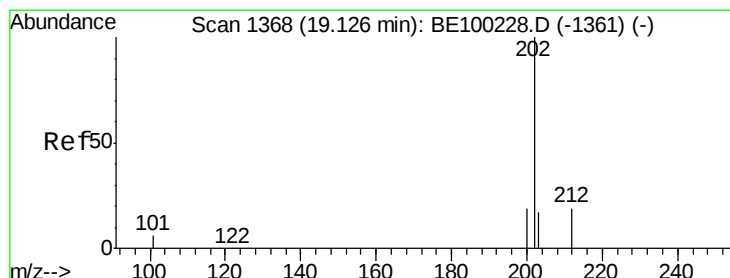
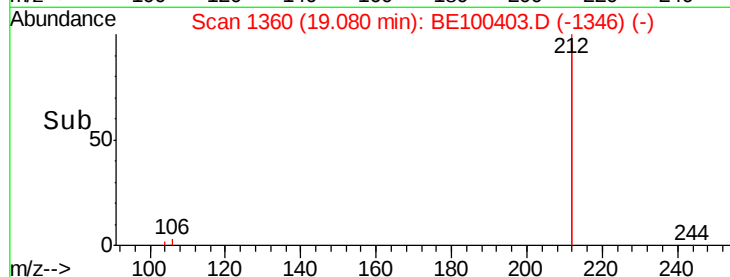
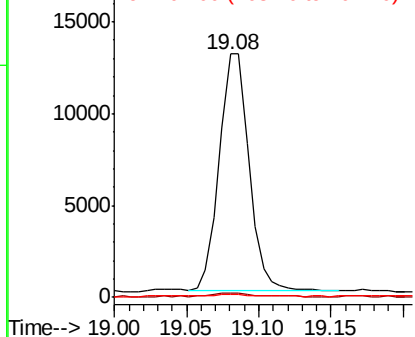
Tot Ion	Ratio	Resp Lower	Upper
212	100		
106	1.5	1.3	1.9
104	0.9	0.8	1.2

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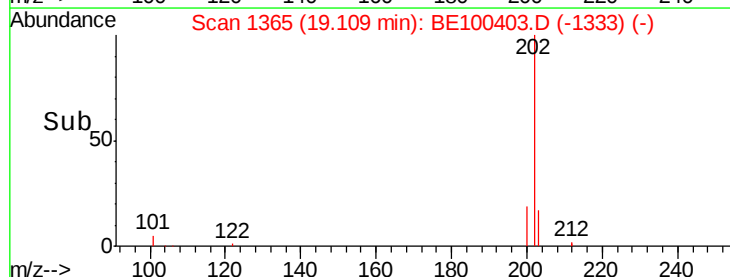
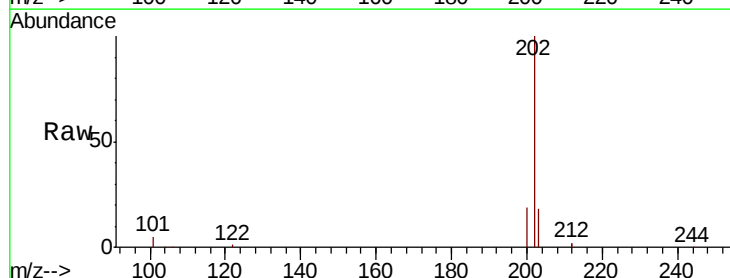
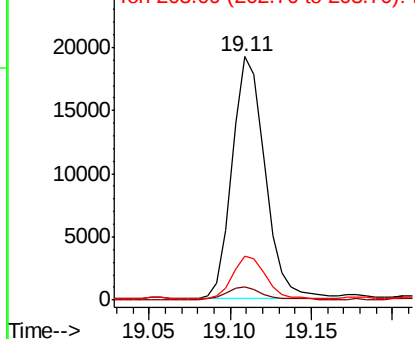
Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E



#26
 Fluoranthene
 Concen: 1.502 ng
 RT: 19.11 min Scan# 1365
 Delta R.T. -0.02 min
 Lab File: BE100403.D
 Acq: 6 Jul 2019 4:55

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	5.2	4.6	7.0
203	17.5	13.7	20.5

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





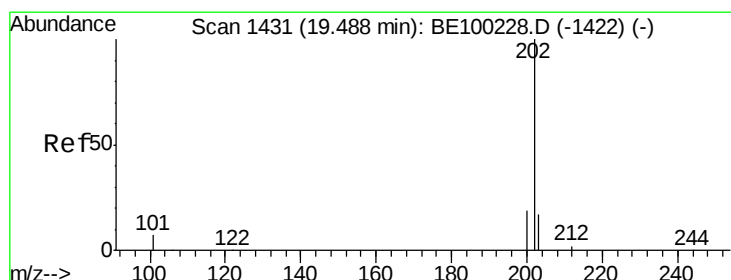
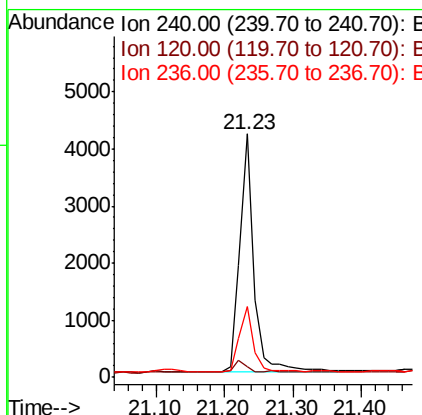
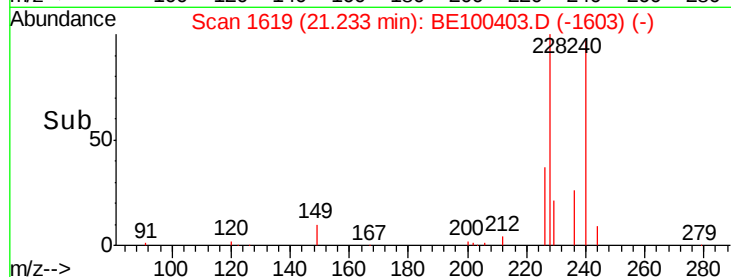
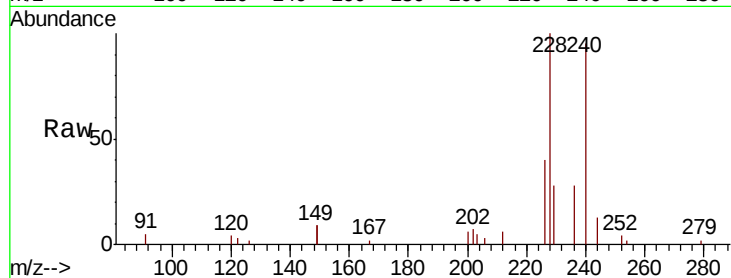
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

Instrument :
BNA_E
ClientSampleId :
EXT-016-SW099-062519MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.3	3.3	4.9
236	29.0	22.6	34.0

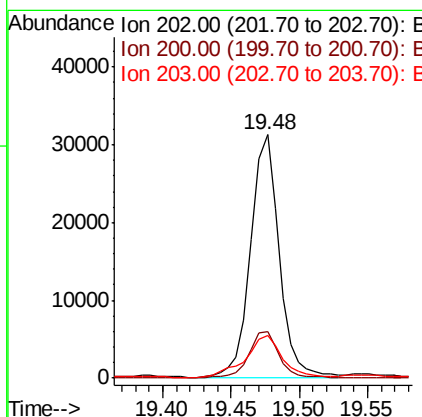
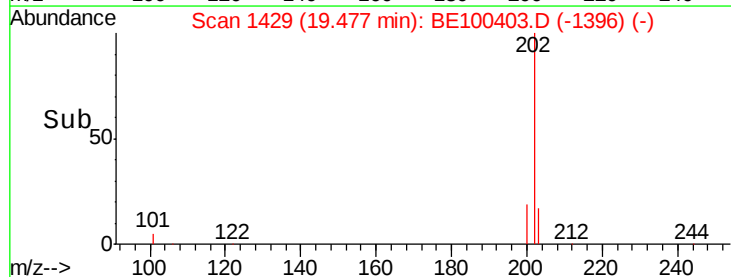
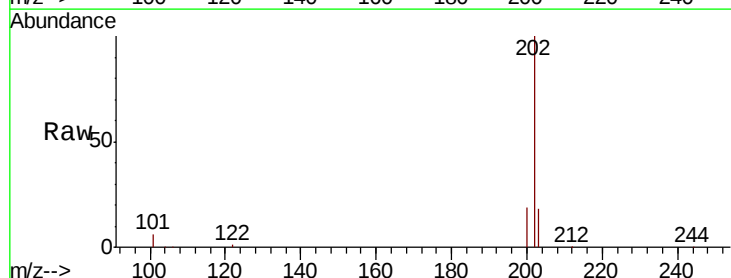
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#28
Pyrene
Concen: 2.797 ng
RT: 19.48 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.6	23.4
203	22.2	14.0	21.0





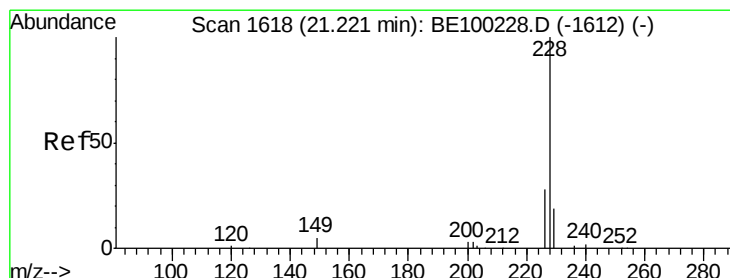
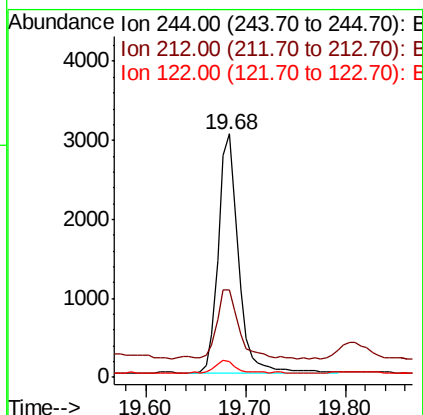
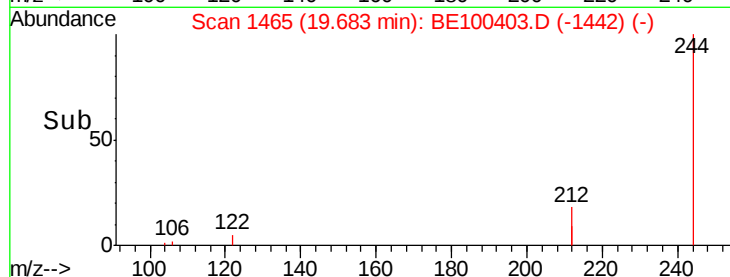
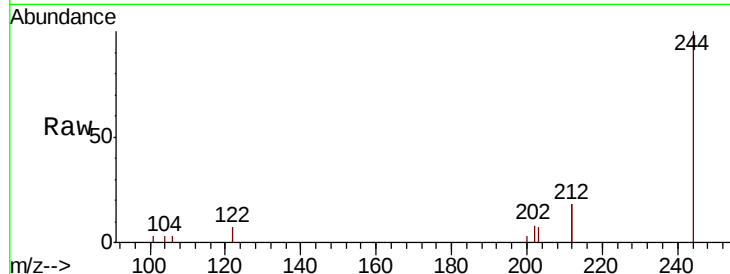
#29
 Terphenyl-d14
 Concen: 0.339 ng
 RT: 19.68 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BE100403.D
 Acq: 6 Jul 2019 4:55

Instrument :
 BNA_E
 ClientSampleId :
 EXT-016-SW099-062519MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	36.0	27.3	40.9
122	6.6	4.7	7.1

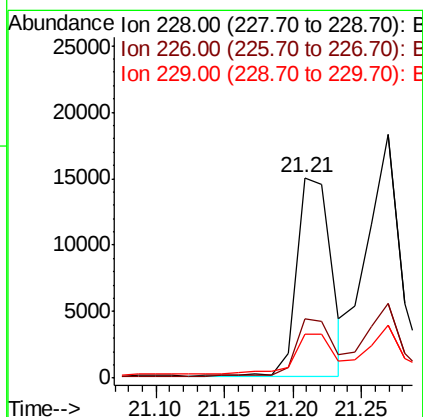
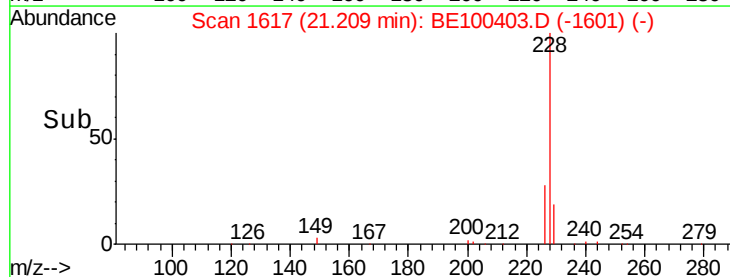
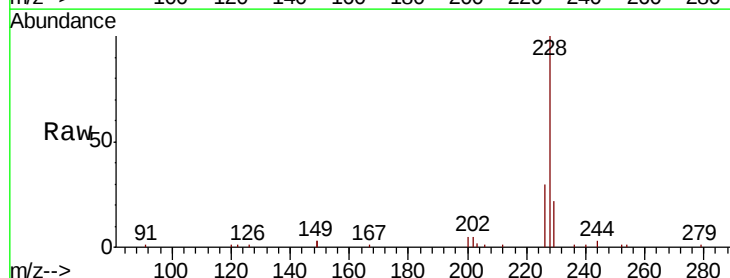
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#30
 Benzo(a)anthracene
 Concen: 1.303 ng
 RT: 21.21 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BE100403.D
 Acq: 6 Jul 2019 4:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.2	34.8
229	21.8	15.7	23.5





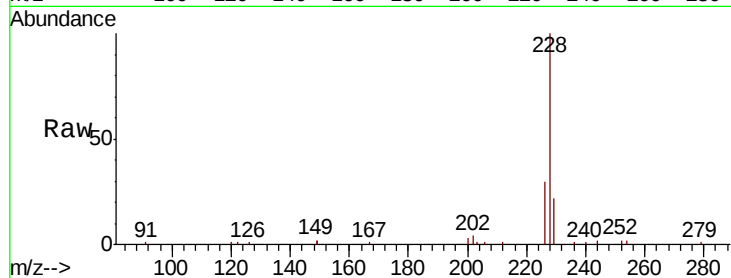
#31
Chrysene
Concen: 1.505 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

Instrument :
BNA_E
ClientSampleId :
EXT-016-SW099-062519MS

Tot Ion:	228	Resp:	29943
Ion Ratio		Lower	Upper
228	100		
226	30.4	23.9	35.9
229	21.8	16.5	24.7

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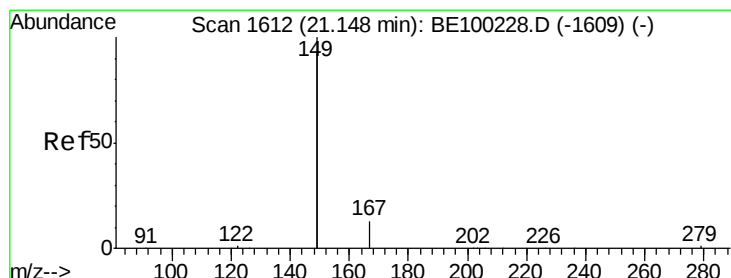
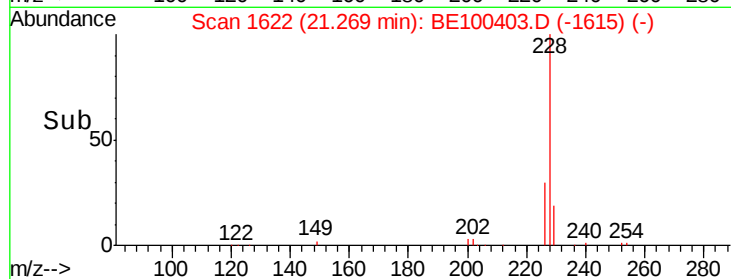
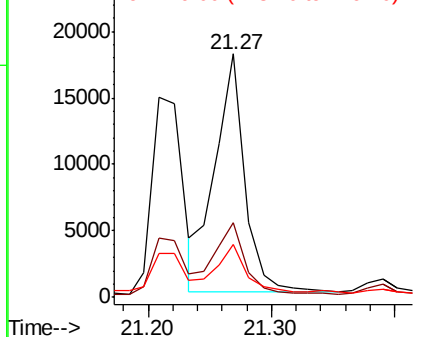


Abundance

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: 0.703 ng
RT: 21.14 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

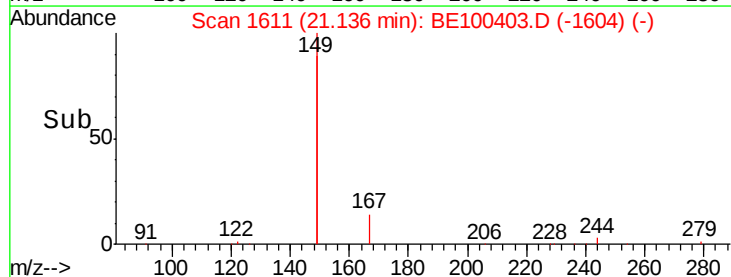
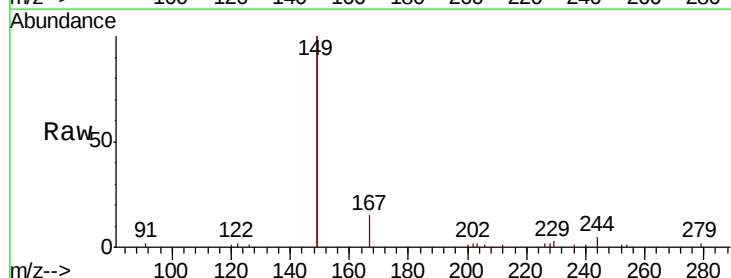
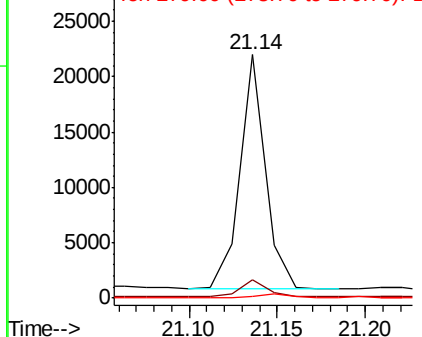
Tgt Ion:	149	Resp:	21310
Ion Ratio		Lower	Upper
149	100		
167	7.4	5.8	8.8
279	1.5	1.1	1.7

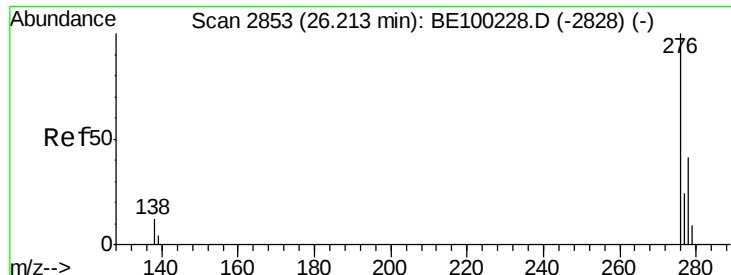
Abundance

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





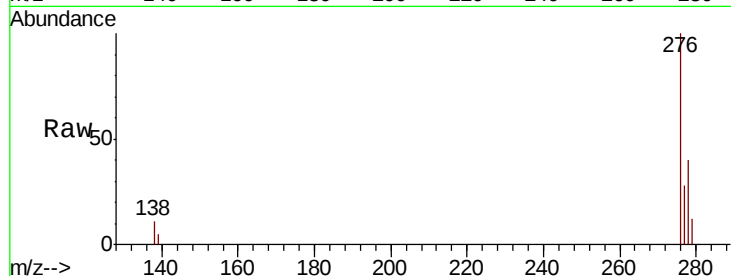
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.562 ng
 RT: 26.20 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BE100403.D
 Acq: 6 Jul 2019 4:55

Instrument :
 BNA_E
 ClientSampleId :
 EXT-016-SW099-062519MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.3	9.4	14.0
277	22.4	19.2	28.8

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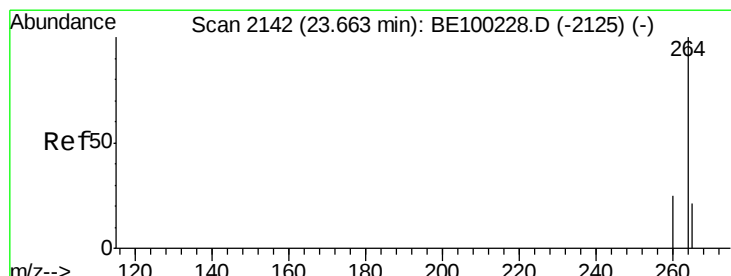
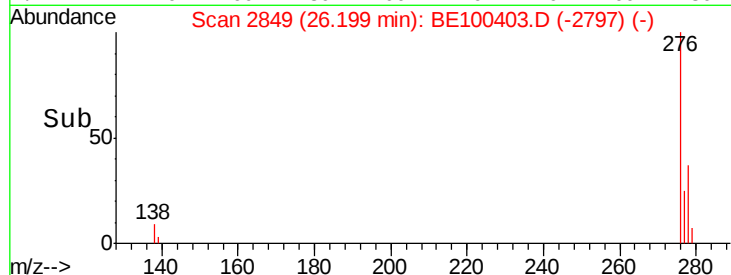
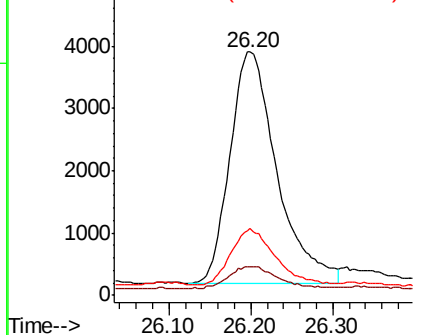


Abundance

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: 23.65 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BE100403.D
 Acq: 6 Jul 2019 4:55

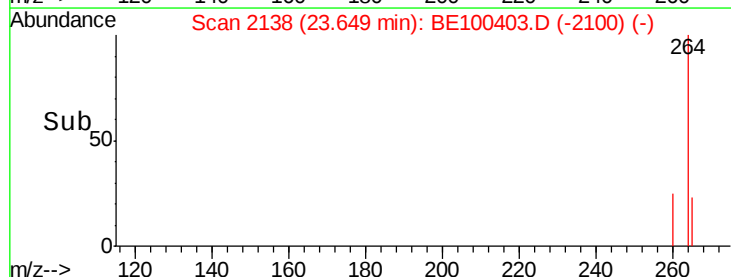
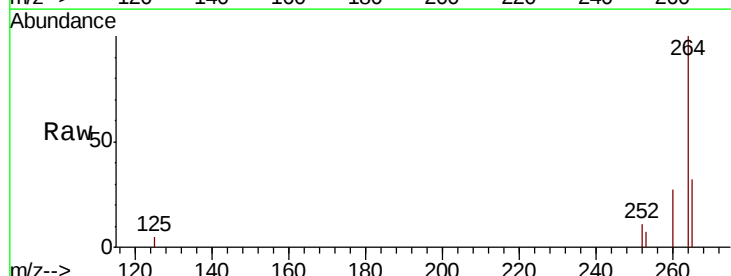
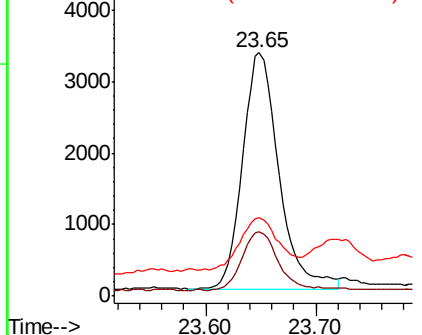
Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.8	31.2
265	32.0	21.8	32.6

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





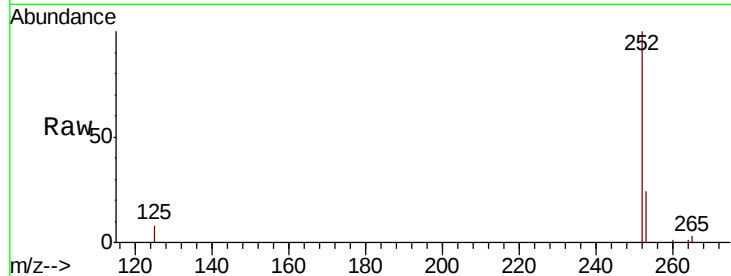
#35
Benzo(b)fluoranthene
Concen: 1.147 ng
RT: 22.91 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

Instrument :
BNA_E
ClientSampleId :
EXT-016-SW099-062519MS

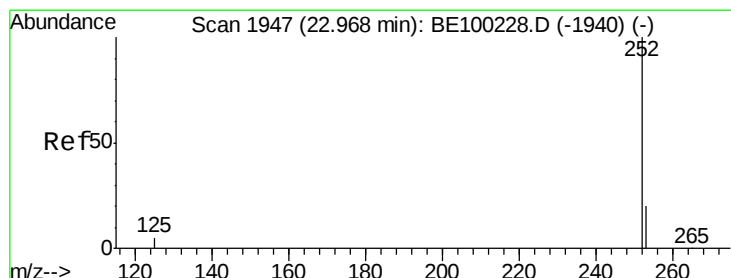
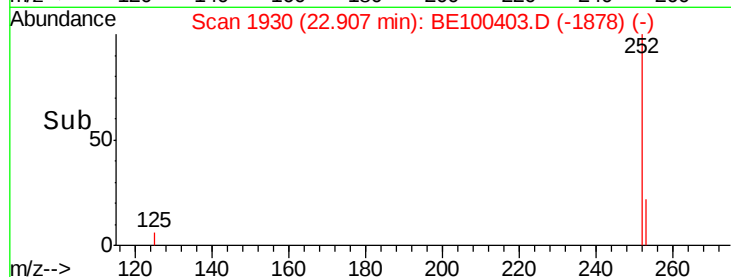
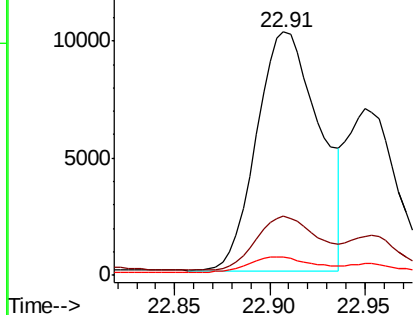
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.2	28.8
125	7.5	7.4	11.0

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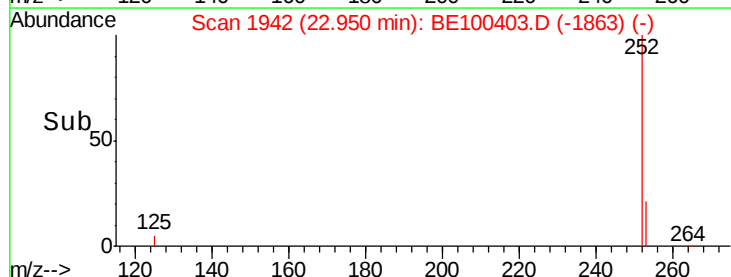
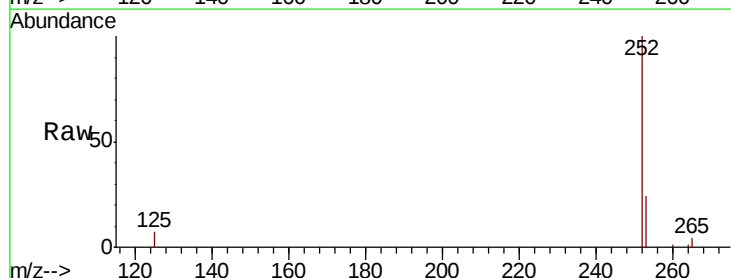
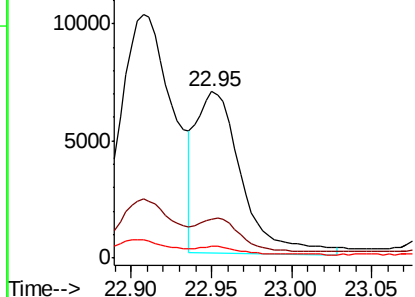
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

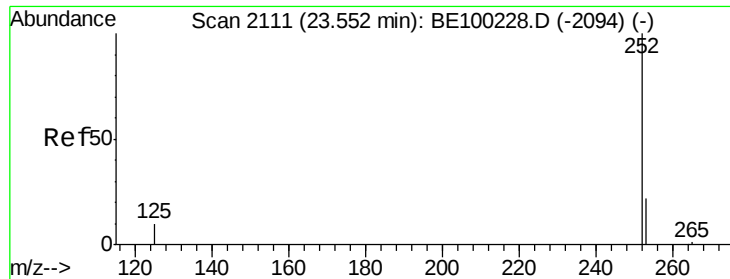


#36
Benzo(k)fluoranthene
Concen: 0.595 ng m
RT: 22.95 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	6.9	5.0	7.4

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





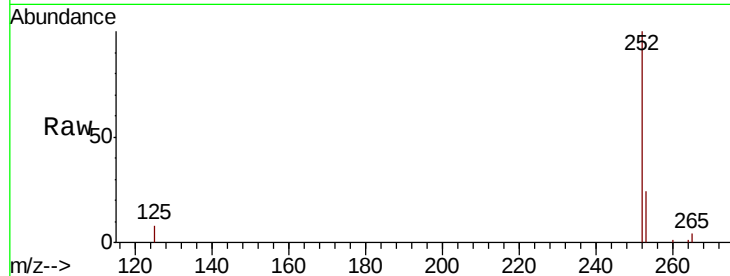
#37
Benzo(a)pyrene
Concen: 1.055 ng
RT: 23.54 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

Instrument :
BNA_E
ClientSampleId :
EXT-016-SW099-062519MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.6	29.4
125	8.3	9.0	13.6

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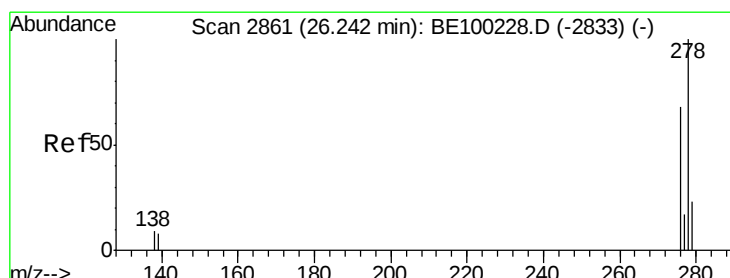
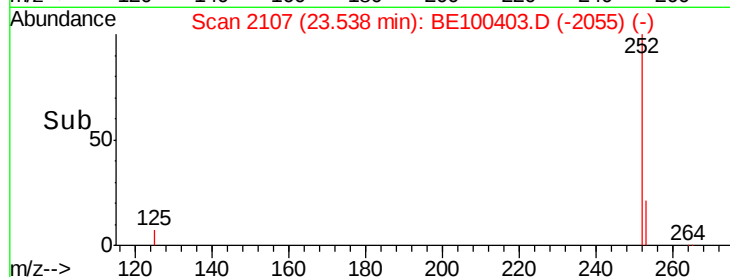
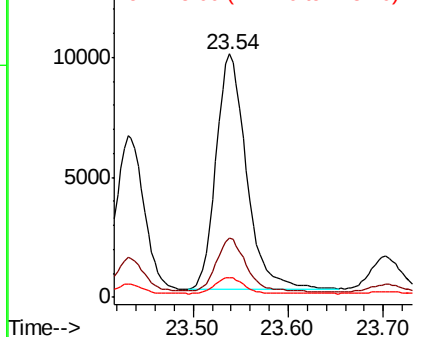


Abundance

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: 0.351 ng
RT: 26.22 min Scan# 2855
Delta R.T. -0.02 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

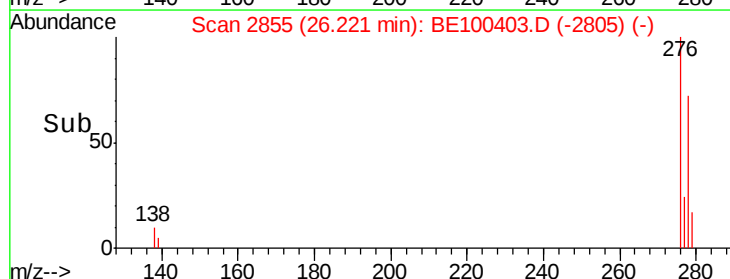
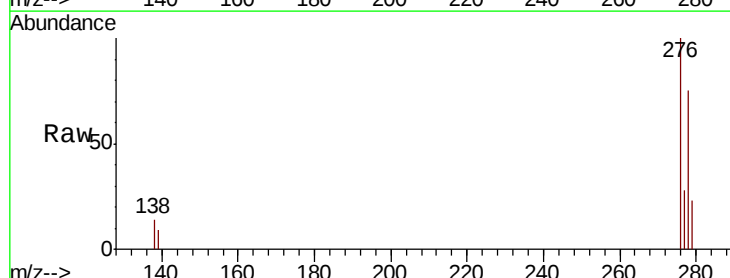
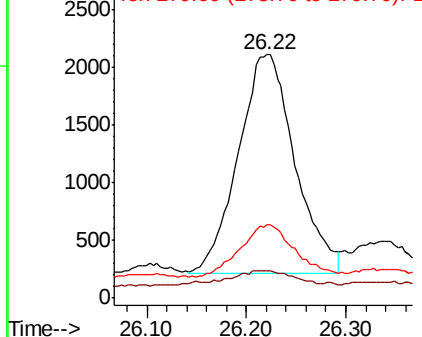
Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.4	8.2	12.2
279	30.1	20.3	30.5

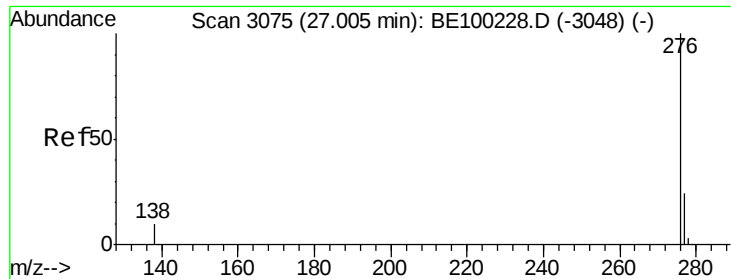
Abundance

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





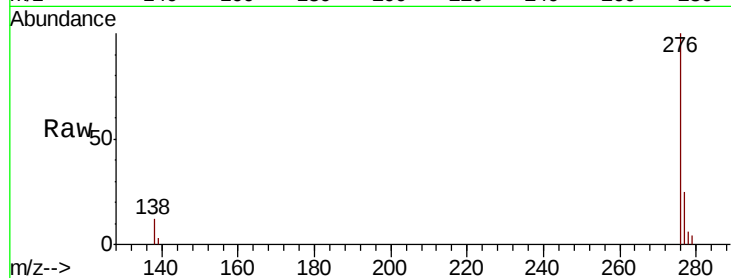
#39
 Benzo(a,h,i)perylene
 Concen: 0.735 ng
 RT: 26.99 min Scan# 3070
 Delta R.T. -0.02 min
 Lab File: BE100403.D
 Acq: 6 Jul 2019 4:55

Instrument :
 BNA_E
 ClientSampleId :
 EXT-016-SW099-062519MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	20.2	30.2
138	11.5	9.0	13.6

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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

