

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099033.D
 Acq On : 19 Mar 2019 13:38
 Operator : JU/SJ
 Sample : K1937-13MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20190314MS

Manual Integrations
 APPROVED

Sohil
 3/20/2019 6:49:45 PM

Quant Time: Mar 20 10:00:13 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Mar 15 05:31:33 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	838	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3792	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2501	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	6021	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	7037	0.40	ng	-0.01
34) Perylene-d12	23.89	264	6727	0.40	ng	-0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.42	112	347	0.14	ng	0.04
5) Phenol-d6	7.00	99	376	0.11	ng	0.01
8) Nitrobenzene-d5	8.96	82	1447	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2671m	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	484	0.38	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	4551	0.44	ng	-0.01
25) Fluoranthene-d10	19.24	212	35020	0.36	ng	-0.01
29) Terphenyl-d14	19.83	244	7536	0.44	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	1075	0.729	ng	# 69
3) n-Nitrosodimethylamine	3.65	42	125	0.059	ng	# 14
6) bis(2-Chloroethyl)ether	7.23	93	1077	0.394	ng	78
9) Naphthalene	10.63	128	15118	0.348	ng	100
10) Hexachlorobutadiene	10.90	225	829	0.289	ng	99
12) 2-Methylnaphthalene	12.27	142	2506	0.356	ng	97
16) Acenaphthylene	14.17	152	4463	0.347	ng	97
17) Acenaphthene	14.51	154	2702	0.354	ng	98
18) Fluorene	15.50	166	3828	0.348	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1247	0.382	ng	# 81
21) Hexachlorobenzene	16.50	284	1340	0.345	ng	99
22) Pentachlorophenol	16.87	266	803	0.872	ng	# 81
23) Phenanthrene	17.24	178	6338	0.370	ng	99
24) Anthracene	17.33	178	5186	0.355	ng	99
26) Fluoranthene	19.27	202	8403	0.348	ng	99
28) Pyrene	19.63	202	8568	0.398	ng	99
30) Benzo(a)anthracene	21.38	228	7827	0.356	ng	98
31) Chrysene	21.43	228	8383	0.357	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	23112	0.494	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	7416	0.299	ng	98
35) Benzo(b)fluoranthene	23.12	252	7687m	0.348	ng	
36) Benzo(k)fluoranthene	23.17	252	9024	0.390	ng	97
37) Benzo(a)pyrene	23.78	252	8007	0.378	ng	# 69
38) Dibenzo(a,h)anthracene	26.55	278	5718	0.285	ng	# 94
39) Benzo(g,h,i)perylene	27.33	276	6825	0.325	ng	98

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

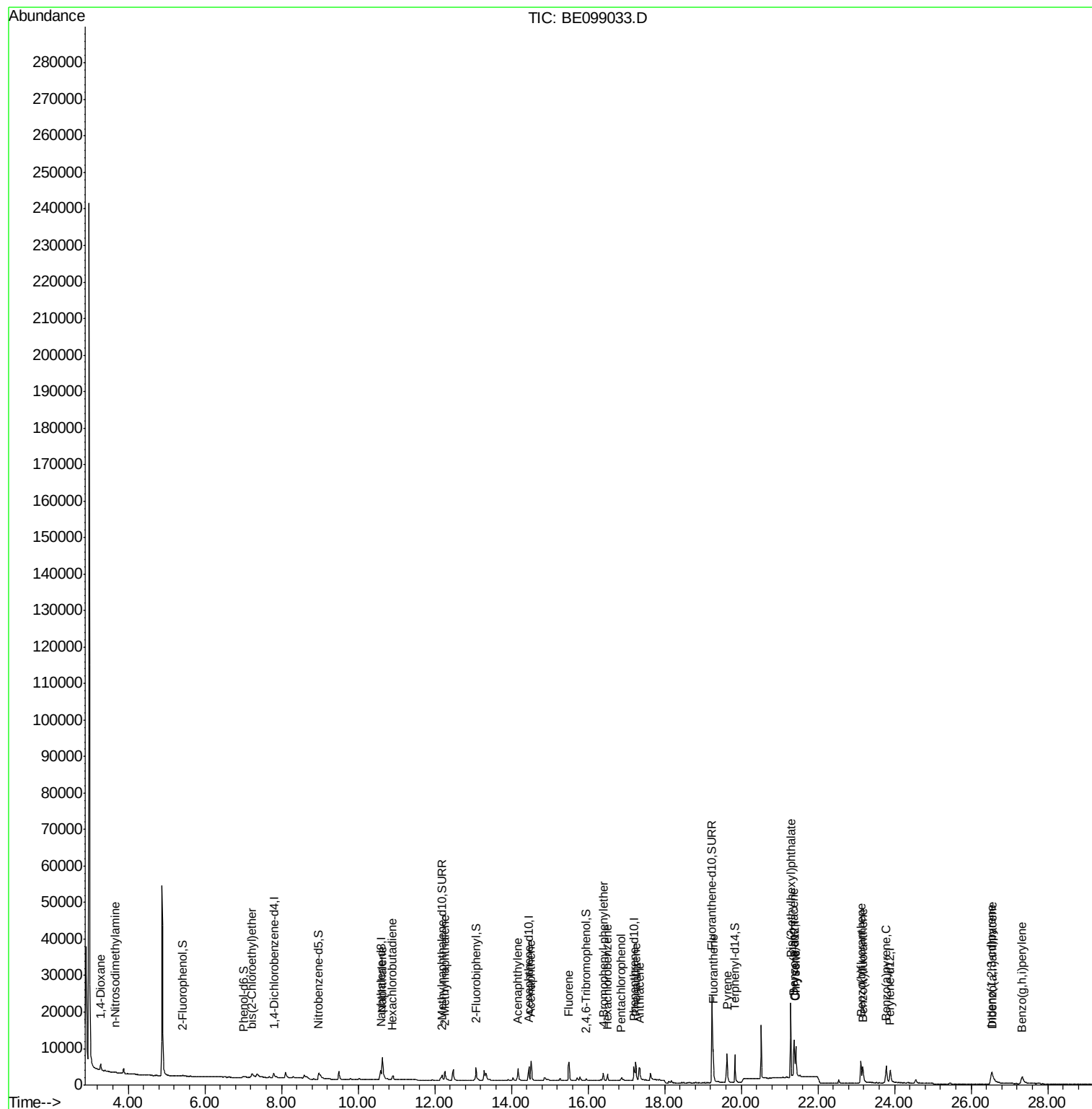
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
Data File : BE099033.D
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Operator : JU/SJ
Sample : K1937-13MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

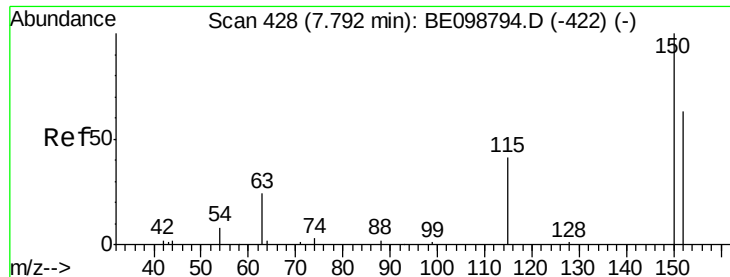
Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

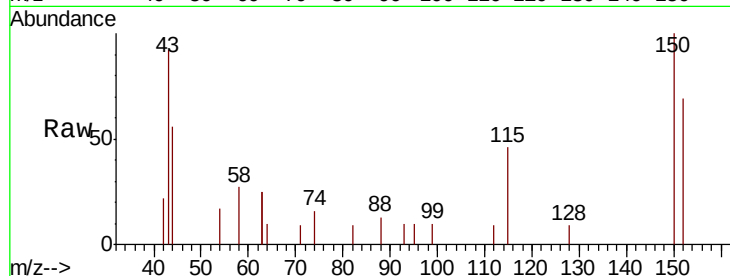
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.4	122.5	183.7
115	66.3	57.4	86.2

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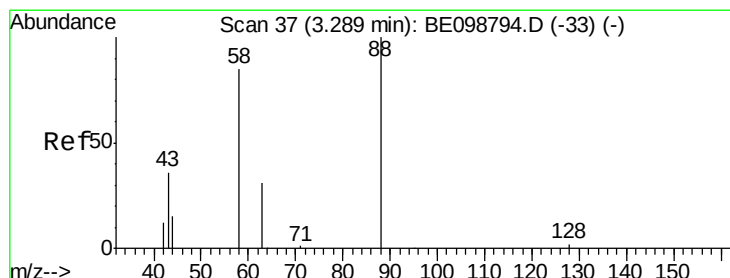
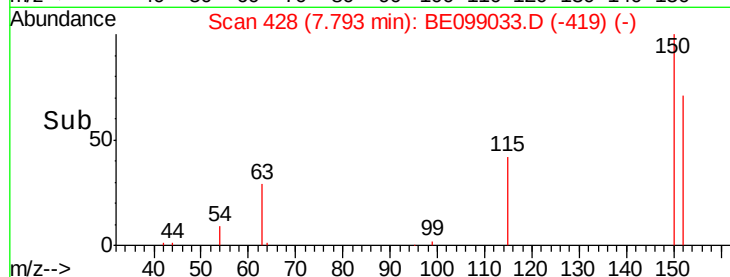
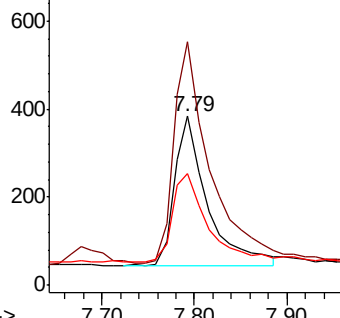


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

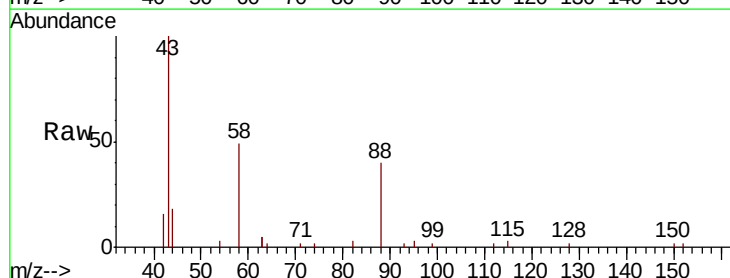
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.729 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.5	75.8	113.6
43	104.2	41.8	62.8#

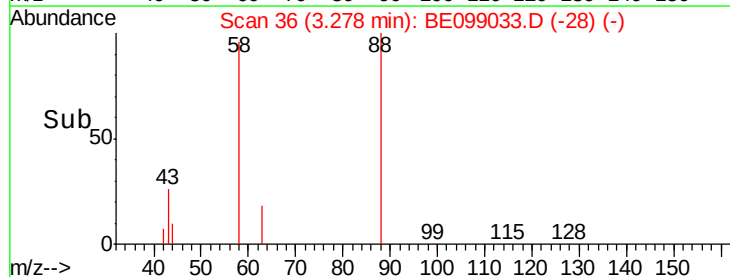
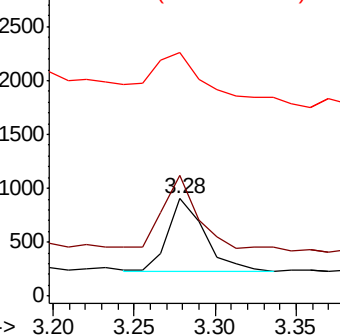


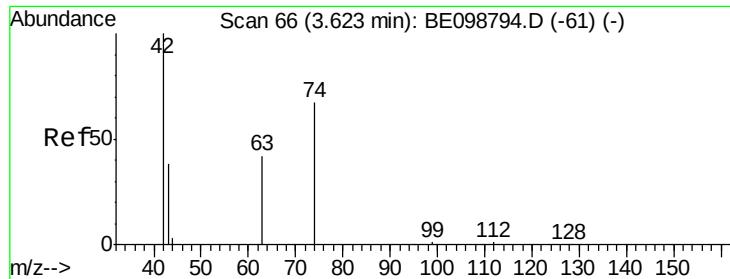
Abundance

Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

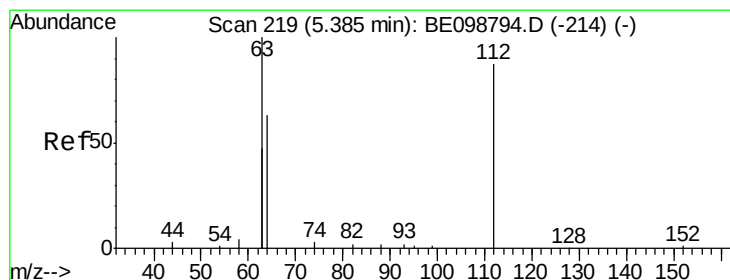
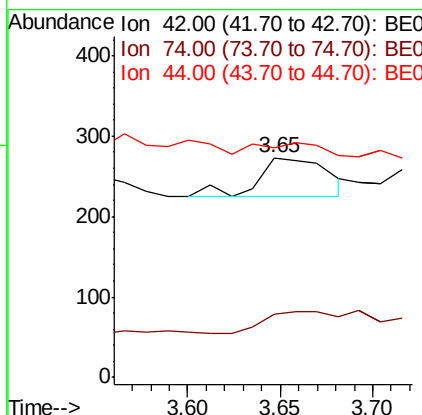
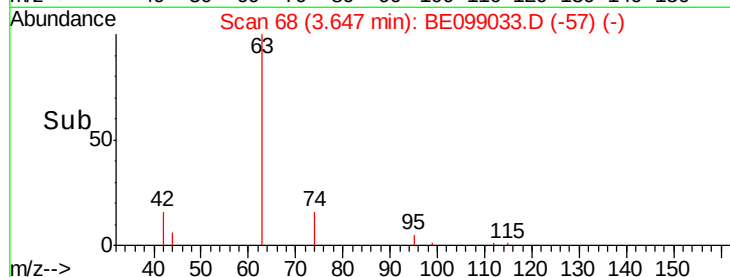
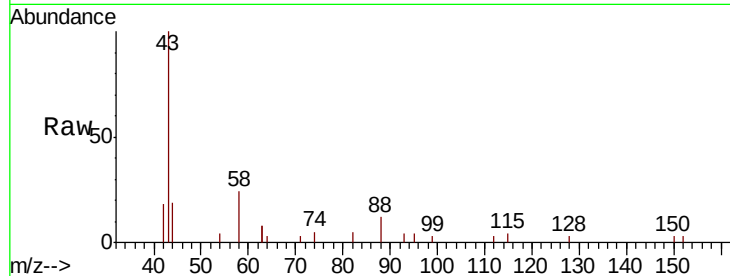
n-Nitrosodimethylamine
 Concen: 0.059 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.02 min
 Lab File: BE099033.D
 Acq: 19 Mar 2019 13:38

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20190314MS

Tot Ion:	42	Resp:	125
Ion Ratio	Lower	Upper	
42	100		
74	0.0	57.0	85.4#
44	28.8	0.0	0.0#

Manual Integrations
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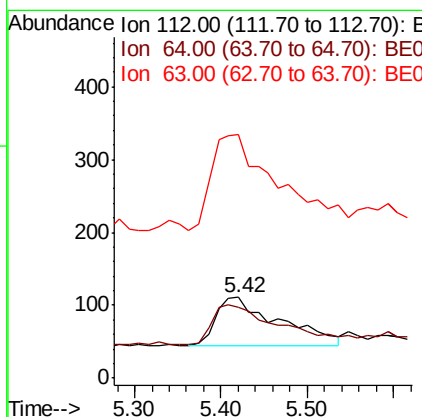
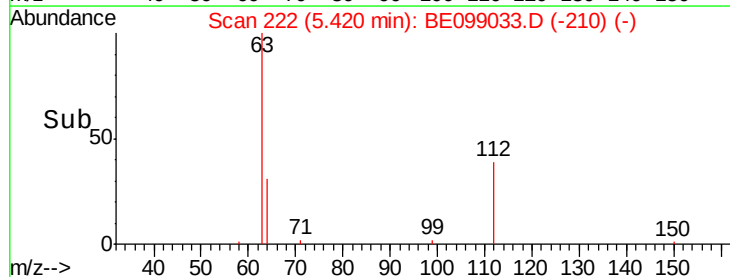
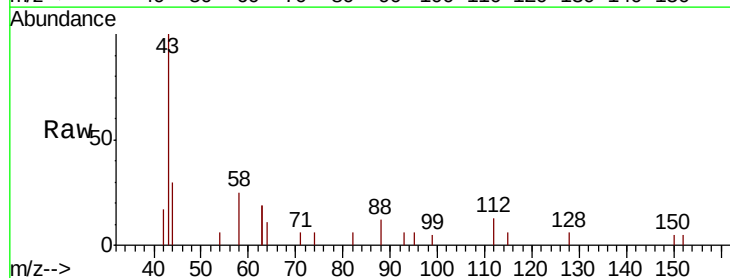
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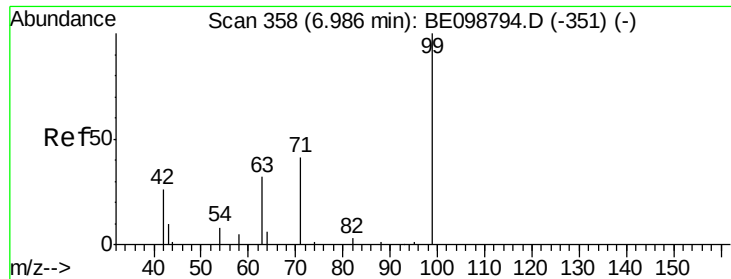


#4

2-Fluorophenol
 Concen: 0.139 ng
 RT: 5.42 min Scan# 222
 Delta R.T. 0.04 min
 Lab File: BE099033.D
 Acq: 19 Mar 2019 13:38

Tgt Ion:	112	Resp:	347
Ion Ratio	Lower	Upper	
112	100		
64	88.8	57.9	86.9#
63	211.0	158.3	237.5





#5

Phenol-d6

Concen: 0.106 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE099033.D

Acq: 19 Mar 2019 13:38

Instrument :

BNA_E

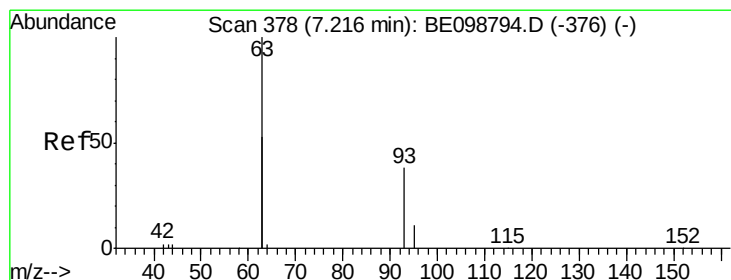
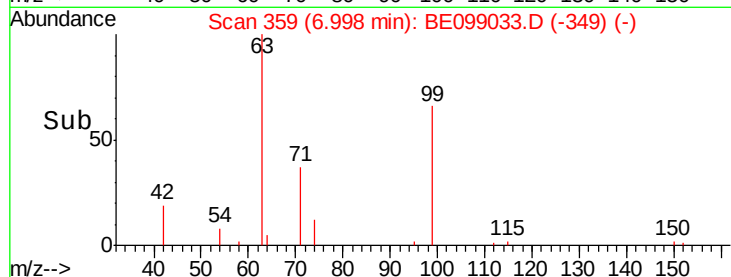
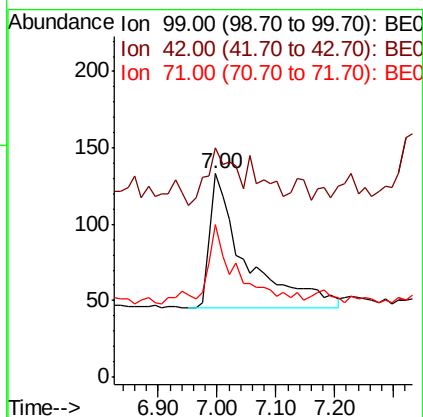
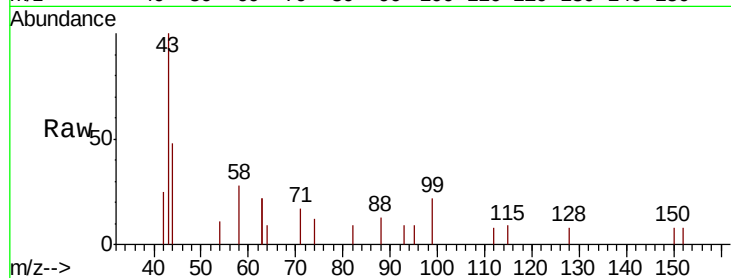
ClientSampleId :

BP-TT-SW4002-20190314MS

Tot Ion:	99	Resp:	376
Ion	Ratio	Lower	Upper
99	100		
42	32.2	24.2	36.2
71	43.6	35.7	53.5

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#6

bis(2-Chloroethyl)ether

Concen: 0.394 ng

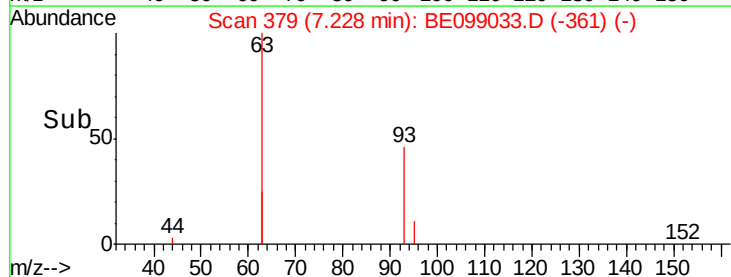
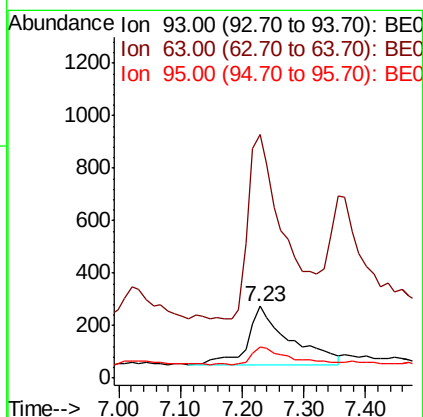
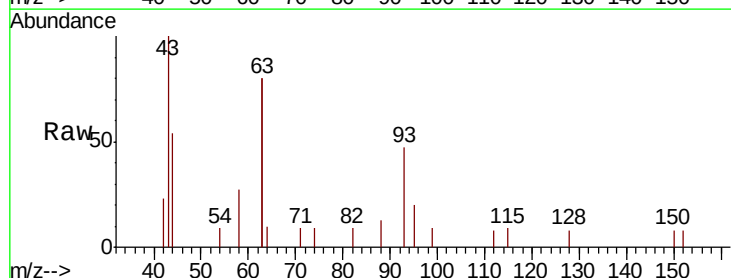
RT: 7.23 min Scan# 379

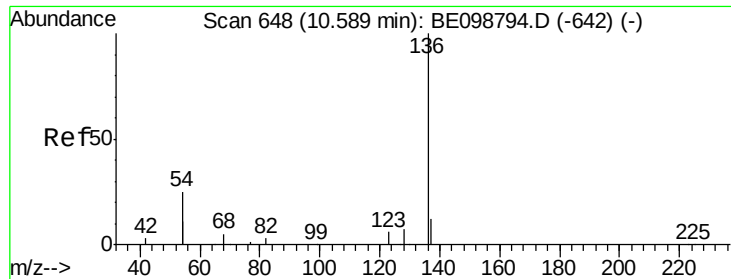
Delta R.T. 0.01 min

Lab File: BE099033.D

Acq: 19 Mar 2019 13:38

Tgt Ion:	93	Resp:	1077
Ion	Ratio	Lower	Upper
93	100		
63	260.6	247.5	371.3
95	27.1	21.8	32.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE099033.D

Acq: 19 Mar 2019 13:38

Instrument :

BNA_E

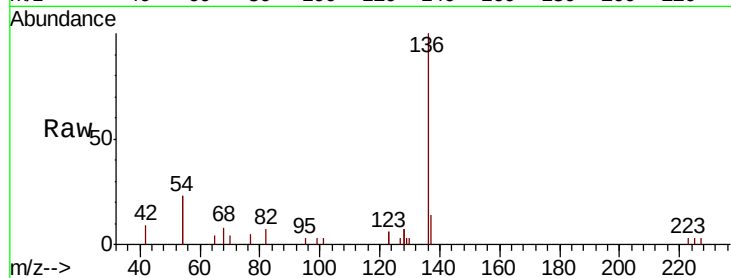
ClientSampleId :

BP-TT-SW4002-20190314MS

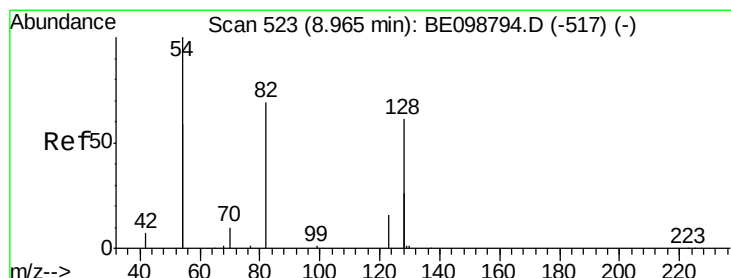
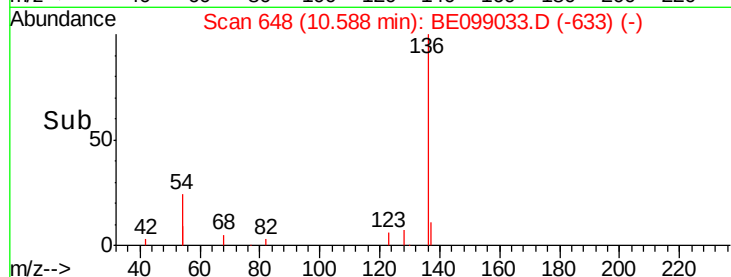
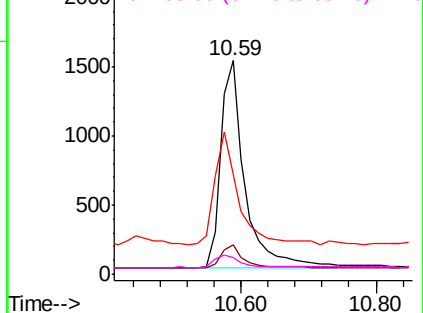
Tot Ion	Ratio	Lower	Upper
136	100		
137	13.7	11.4	17.0
54	46.9	39.3	58.9
68	8.1	6.7	10.1

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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): BE0
Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.364 ng

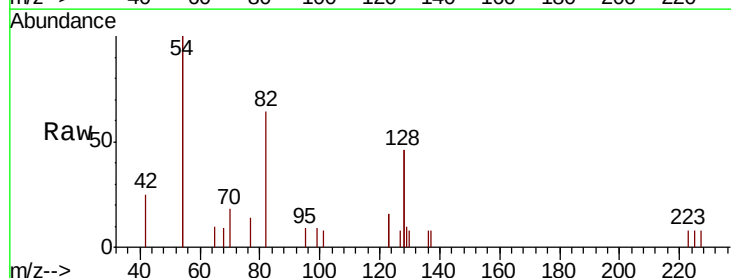
RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

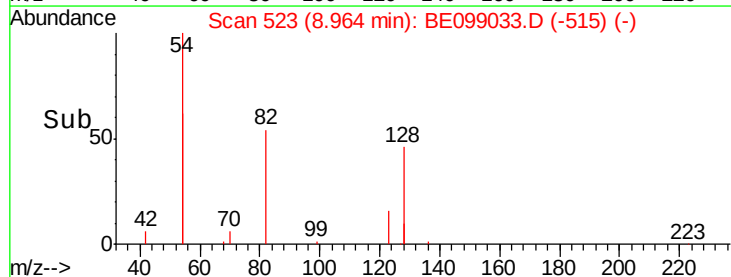
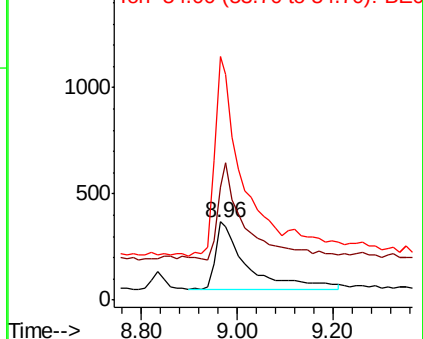
Lab File: BE099033.D

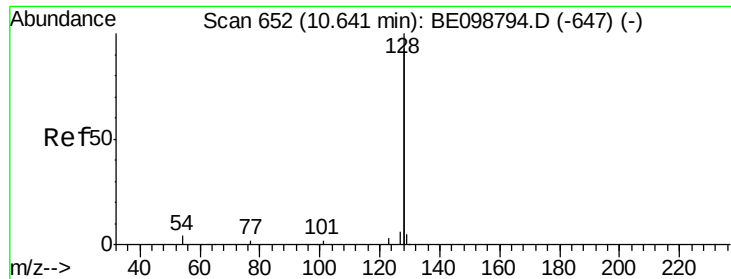
Acq: 19 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
82	100		
128	144.4	123.8	185.8
54	312.3	203.4	305.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.348 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE099033.D

Acq: 19 Mar 2019 13:38

Instrument :

BNA_E

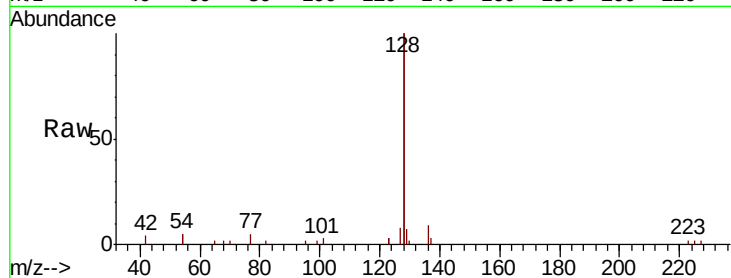
ClientSampleId :

BP-TT-SW4002-20190314MS

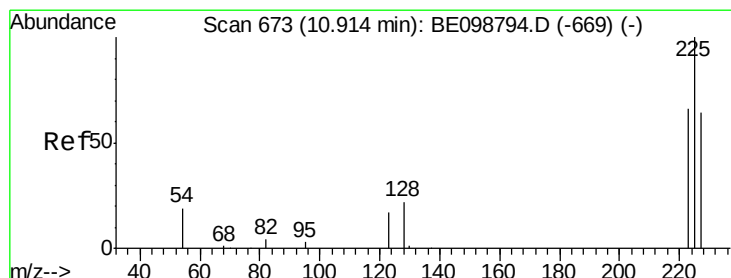
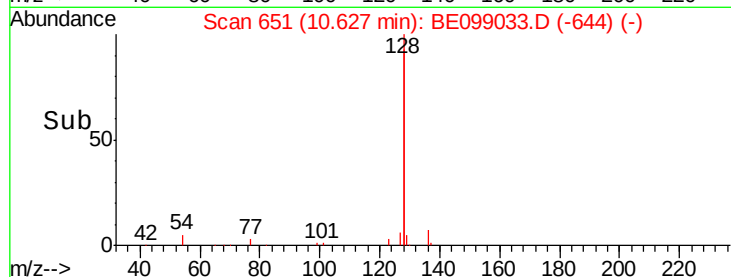
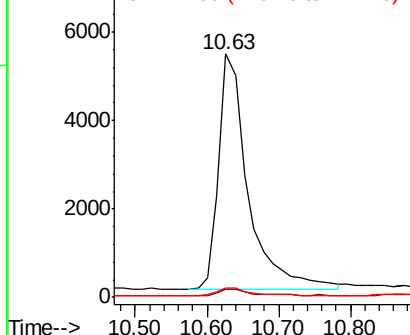
Tot Ion:	128	Resp:	15118
Ion Ratio	Lower	Upper	
128	100		
129	3.5	2.6	4.0
127	4.0	3.1	4.7

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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: 0.289 ng

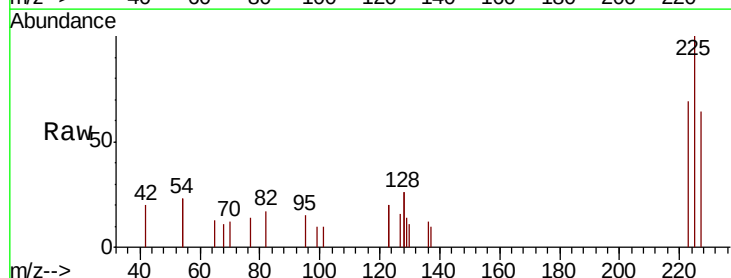
RT: 10.90 min Scan# 672

Delta R.T. -0.01 min

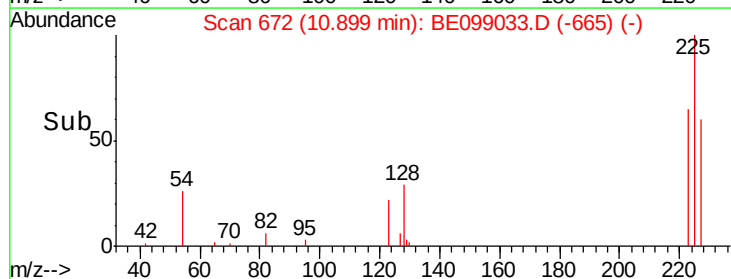
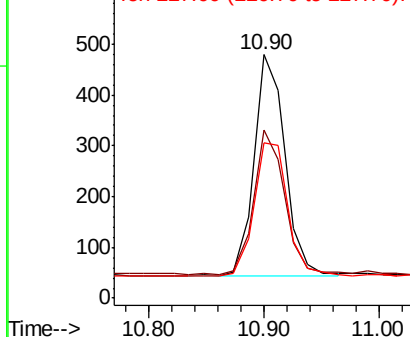
Lab File: BE099033.D

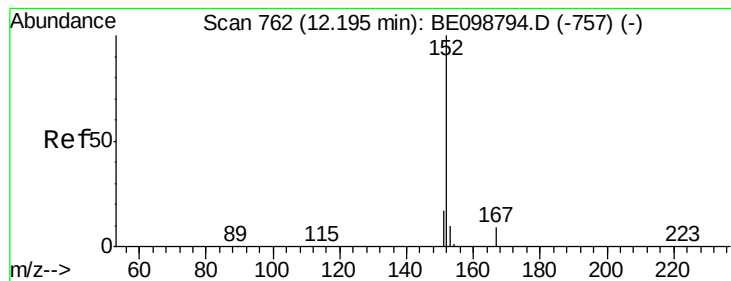
Acq: 19 Mar 2019 13:38

Tgt Ion:	225	Resp:	829
Ion Ratio	Lower	Upper	
225	100		
223	64.5	51.1	76.7
227	64.7	51.6	77.4



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





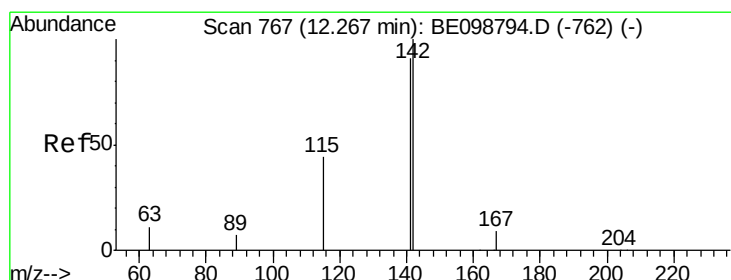
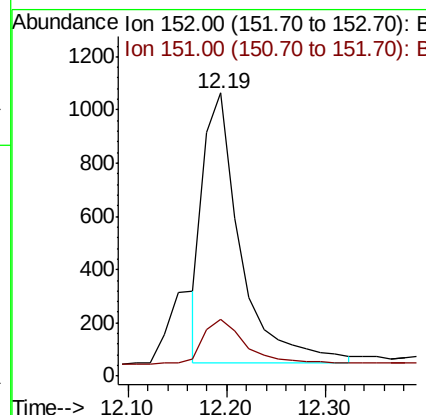
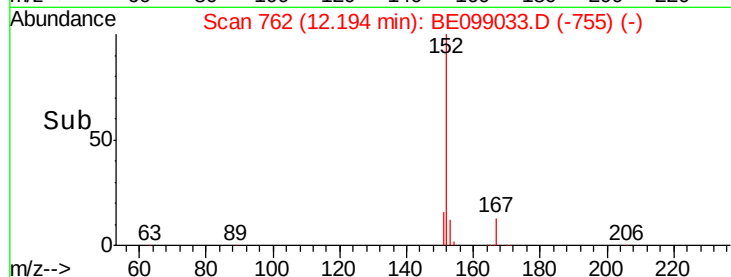
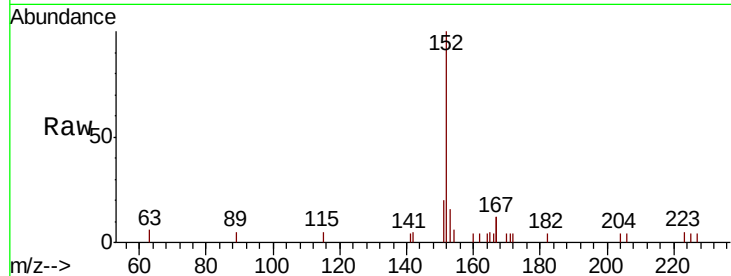
#11
2-Methylnaphthalene-d10
Concen: 0.381 ng/ml
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.5	24.7

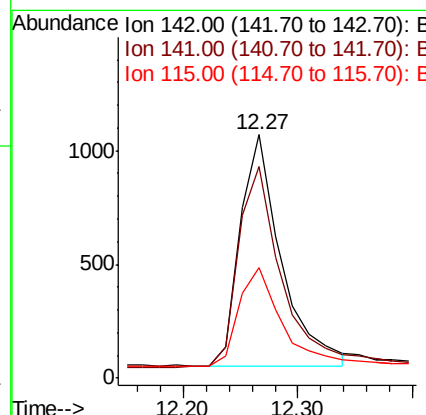
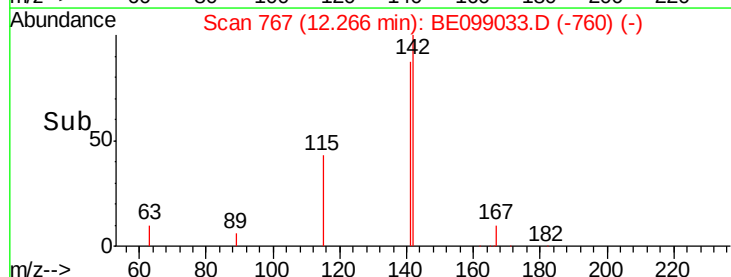
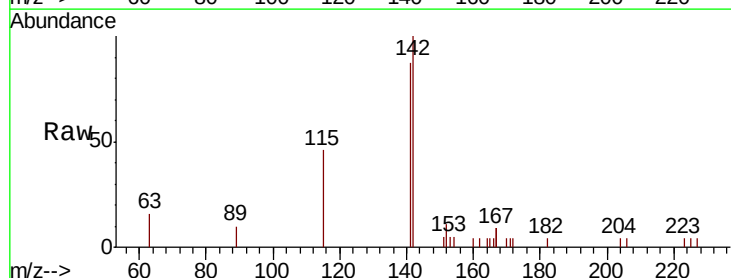
Manual Integrations
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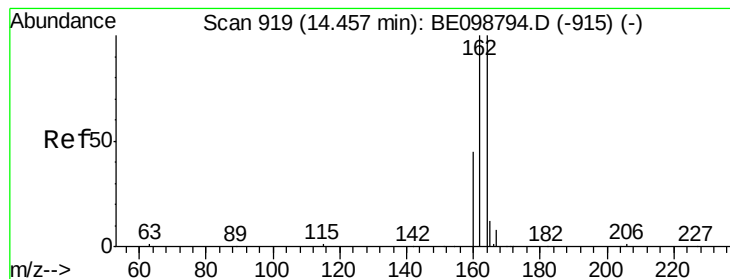
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#12
2-Methylnaphthalene
Concen: 0.356 ng/ml
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.6	108.8
115	45.6	37.4	56.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099033.D

Acq: 19 Mar 2019 13:38

Instrument :

BNA_E

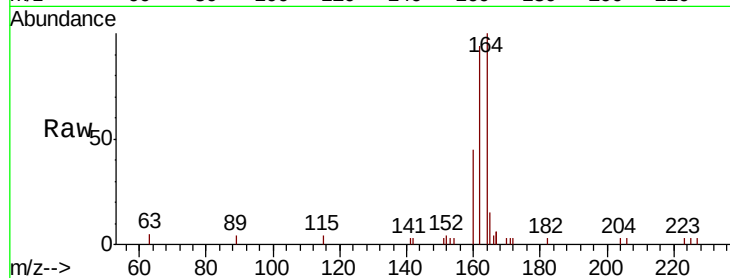
ClientSampleId :

BP-TT-SW4002-20190314MS

Tot Ion:	164	Resp:	2501
Ion Ratio	Lower	Upper	
164	100		
162	93.5	80.2	120.2
160	44.5	37.8	56.8

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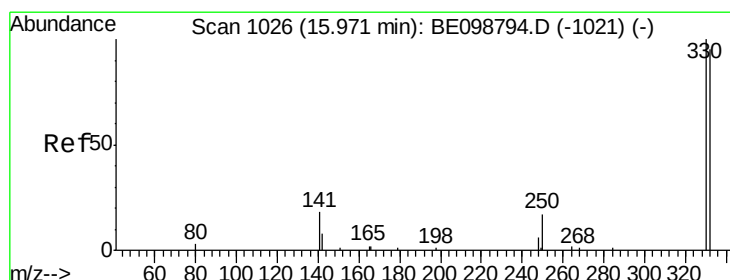
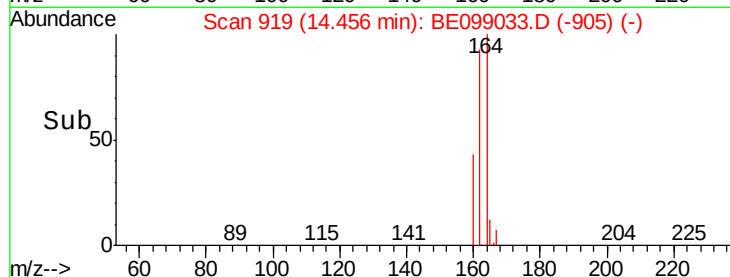
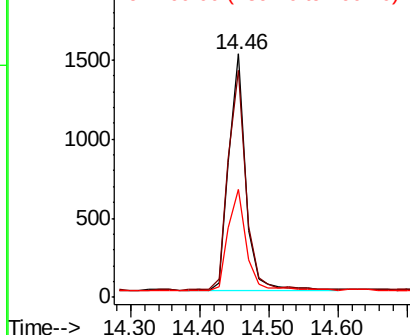


Abundance

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: 0.383 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE099033.D

Acq: 19 Mar 2019 13:38

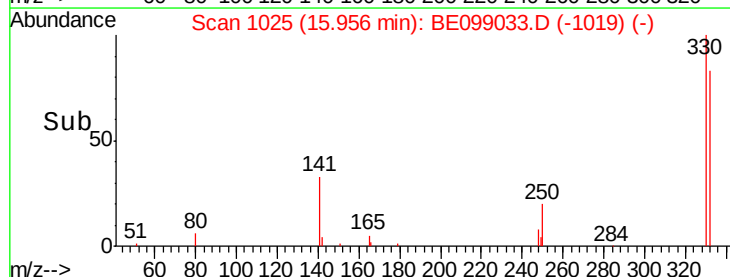
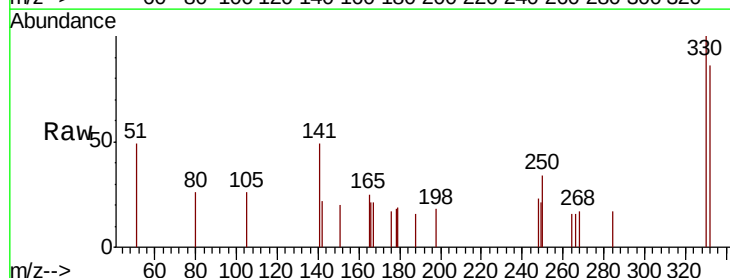
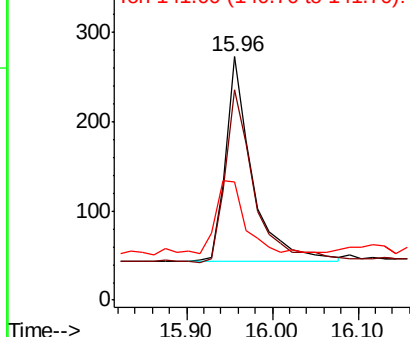
Tgt Ion:	330	Resp:	484
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.6	116.4
141	41.1	31.0	46.4

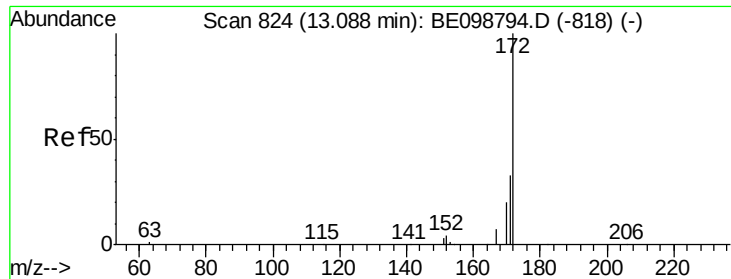
Abundance

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





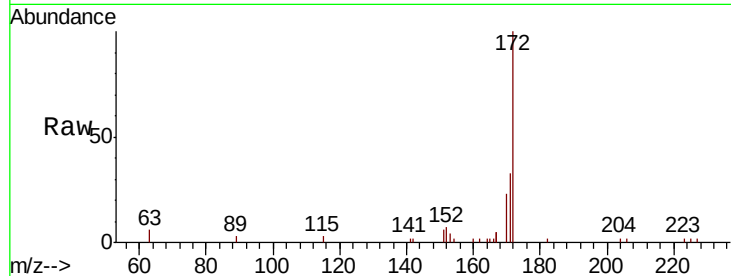
#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	32.8	28.0	42.0
170	23.5	17.7	26.5

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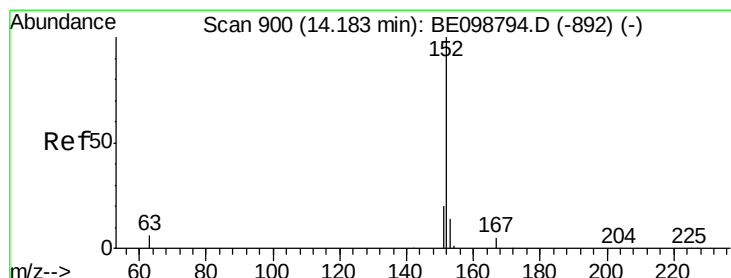
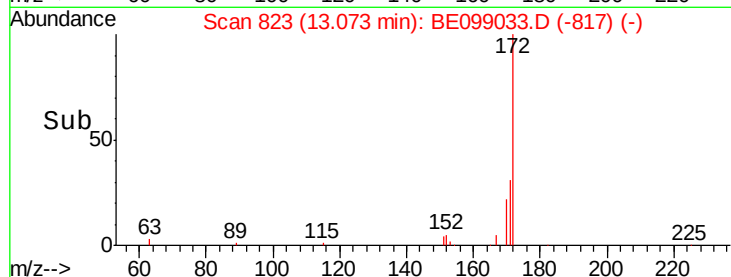
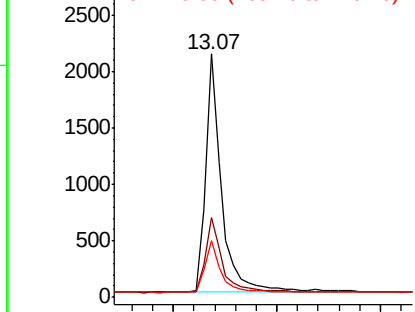


Abundance

Ion 172.00 (171.70 to 172.70): E

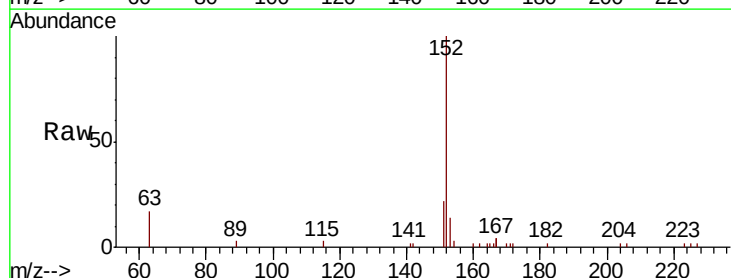
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.347 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.0	25.6
153	12.4	11.2	16.8

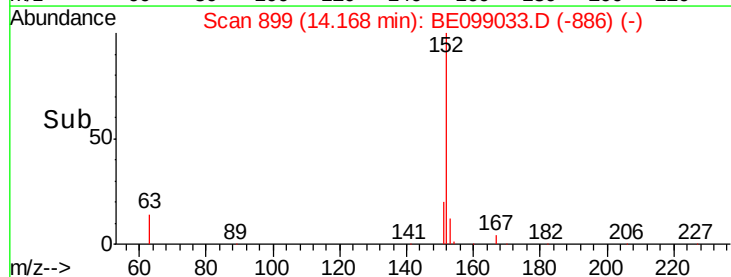
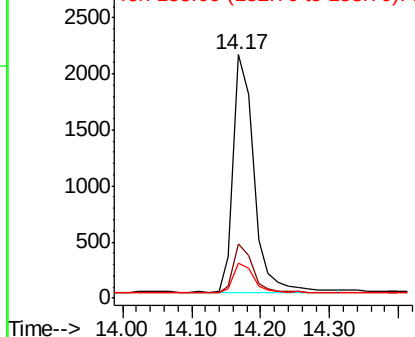


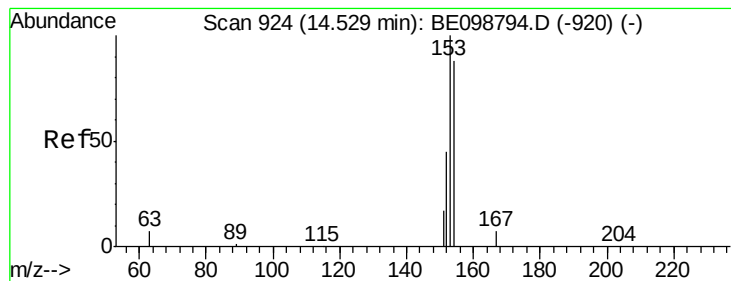
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.354 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE099033.D

Acq: 19 Mar 2019 13:38

Instrument :

BNA_E

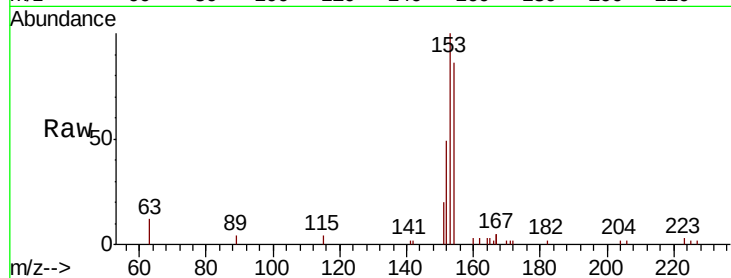
ClientSampleId :

BP-TT-SW4002-20190314MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.5	94.2	141.4
152	56.4	45.0	67.4

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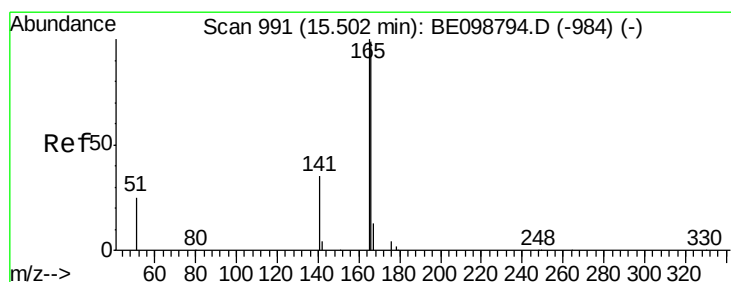
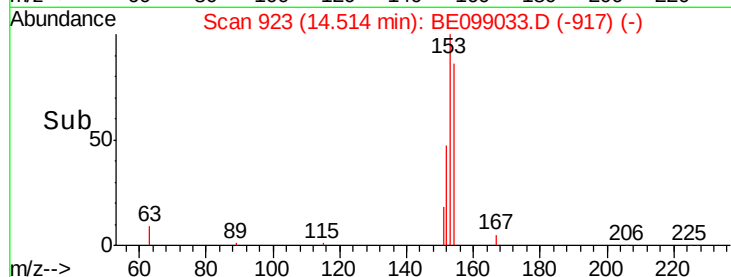
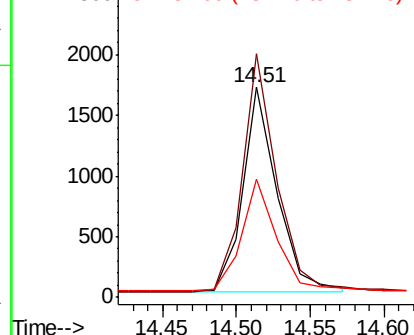


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.348 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE099033.D

Acq: 19 Mar 2019 13:38

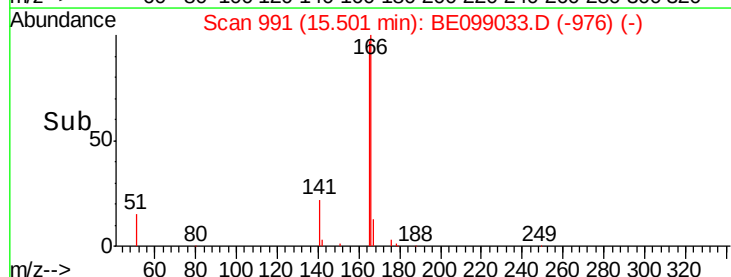
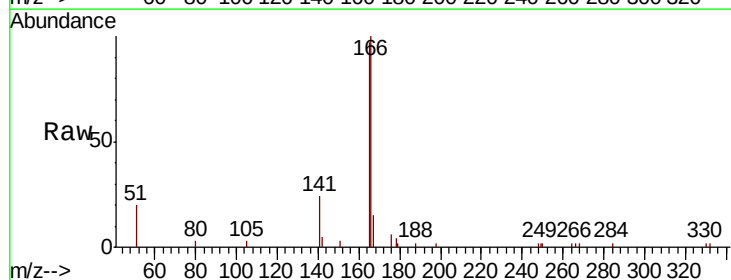
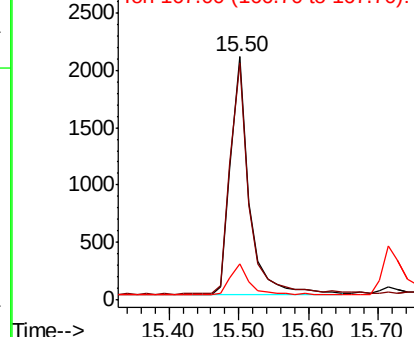
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.3	118.9
167	13.4	10.5	15.7

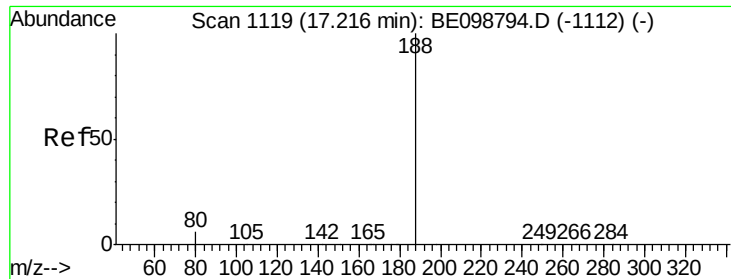
Abundance

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





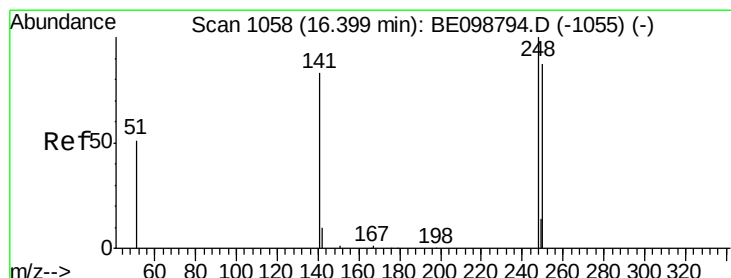
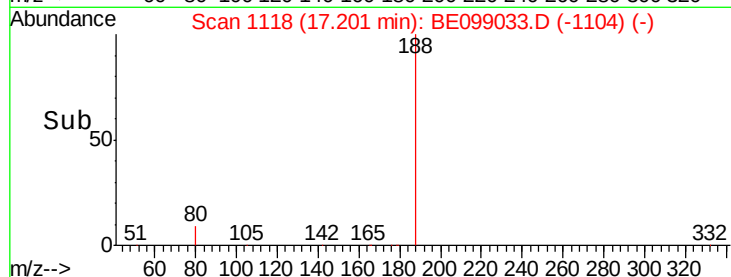
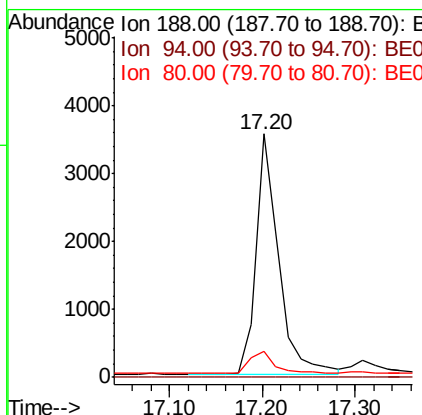
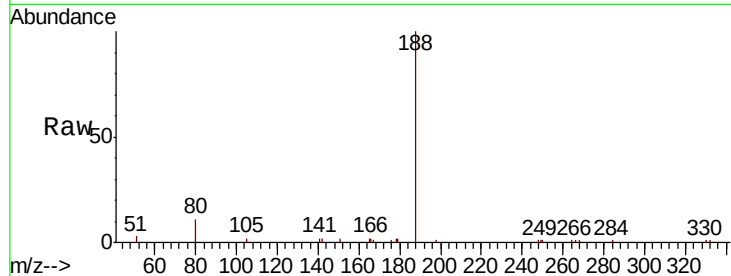
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	6.3	9.5#

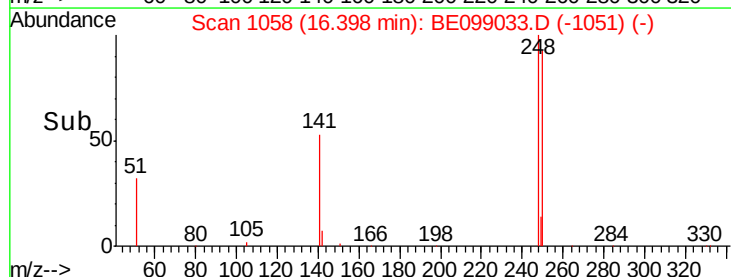
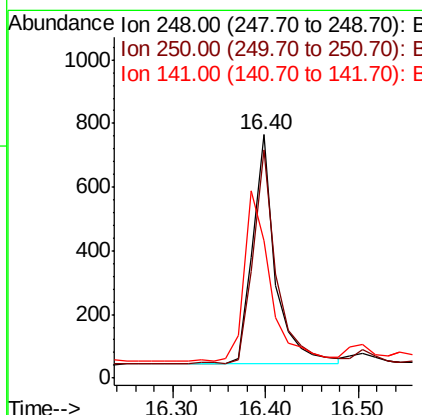
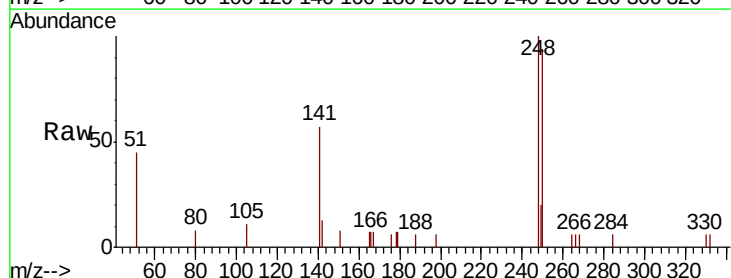
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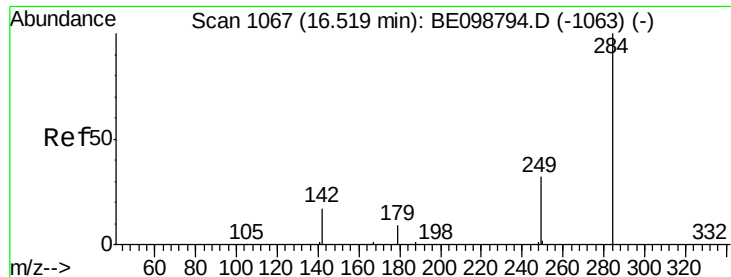
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#20
4-Bromophenyl-phenylether
Concen: 0.382 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	93.7	70.6	105.8
141	56.6	68.6	102.8#





#21

Hexachlorobenzene

Concen: 0.345 ng

RT: 16.50 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099033.D

Acq: 19 Mar 2019 13:38

Instrument :

BNA_E

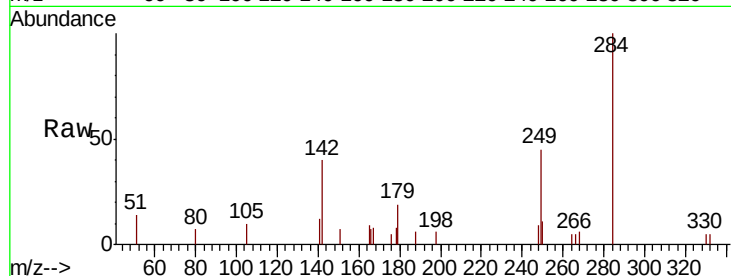
ClientSampleId :

BP-TT-SW4002-20190314MS

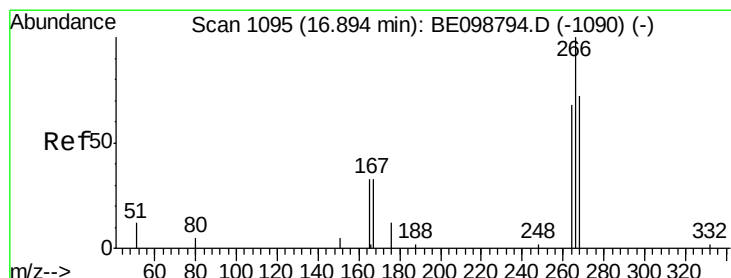
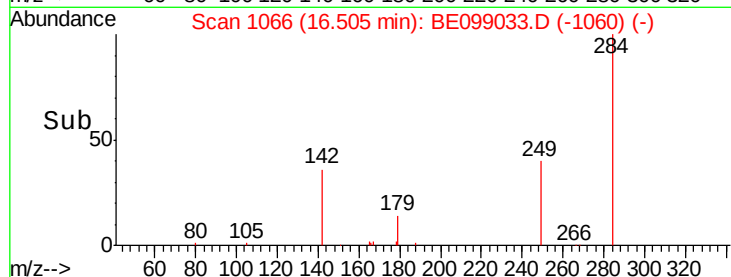
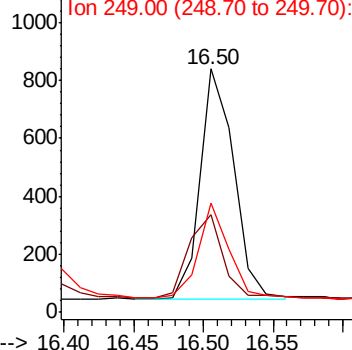
Tot Ion:	284	Resp:	1340
Ion Ratio	Lower	Upper	
284	100		
142	36.9	28.7	43.1
249	37.3	29.6	44.4

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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: 0.872 ng

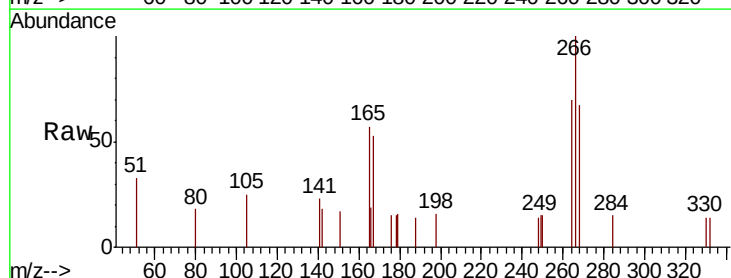
RT: 16.87 min Scan# 1093

Delta R.T. -0.03 min

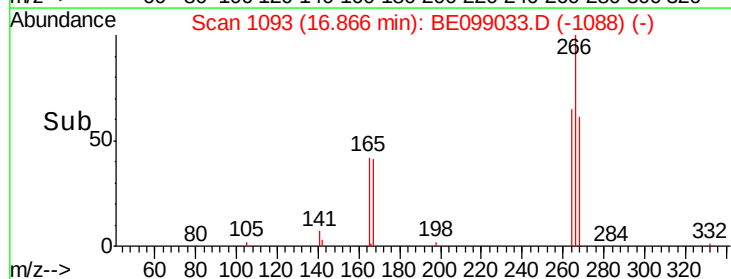
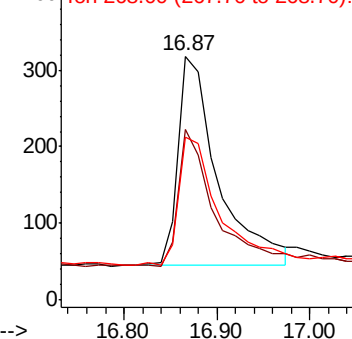
Lab File: BE099033.D

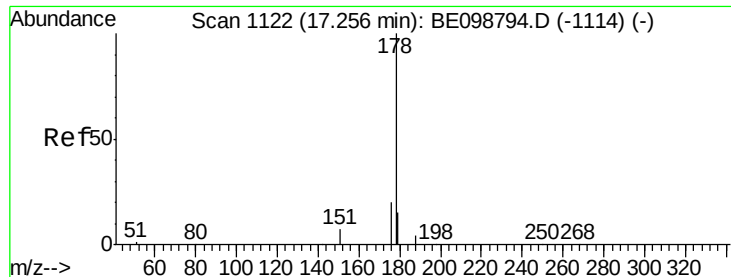
Acq: 19 Mar 2019 13:38

Tgt Ion:	266	Resp:	803
Ion Ratio	Lower	Upper	
266	100		
264	70.1	66.6	100.0
268	66.7	69.8	104.8#



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: 0.370 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE099033.D

Acq: 19 Mar 2019 13:38

Instrument :

BNA_E

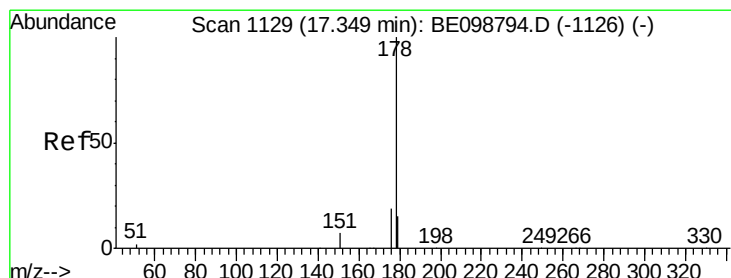
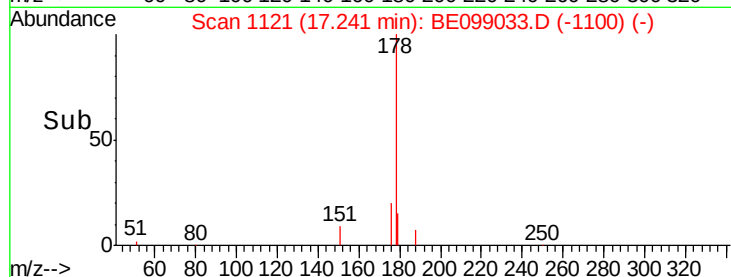
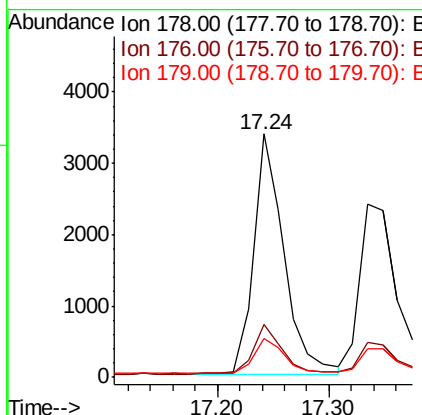
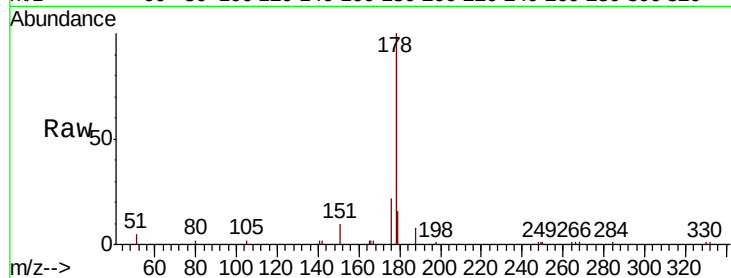
ClientSampleId :

BP-TT-SW4002-20190314MS

Tot Ion:178	Resp:	6338
Ion Ratio	Lower	Upper
178	100	
176	19.6	16.0 24.0
179	15.3	12.1 18.1

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#24

Anthracene

Concen: 0.355 ng

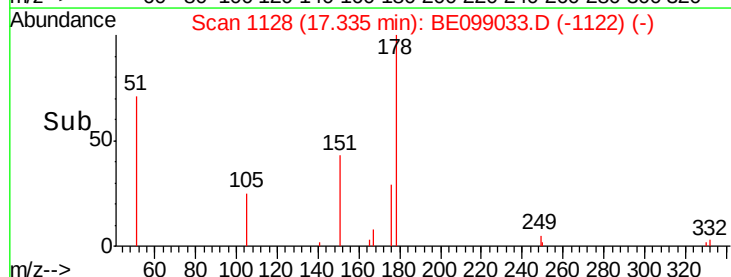
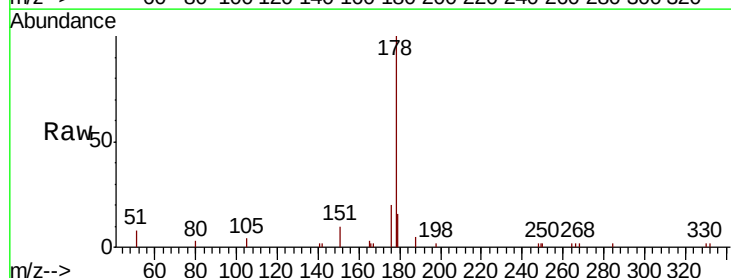
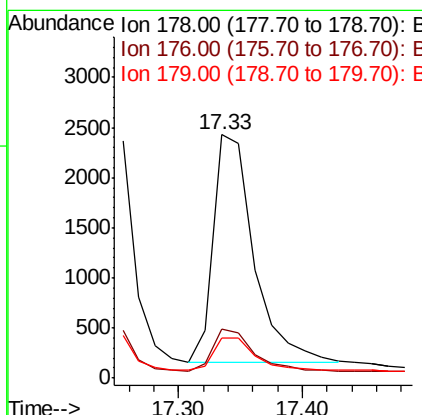
RT: 17.33 min Scan# 1128

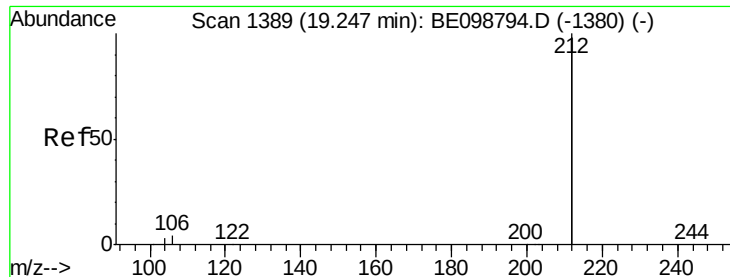
Delta R.T. -0.01 min

Lab File: BE099033.D

Acq: 19 Mar 2019 13:38

Tgt Ion:178	Resp:	5186
Ion Ratio	Lower	Upper
178	100	
176	18.3	15.4 23.0
179	15.0	12.2 18.4





#25

Fluoranthene-d10

Concen: 0.364 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099033.D

Acq: 19 Mar 2019 13:38

Instrument :

BNA_E

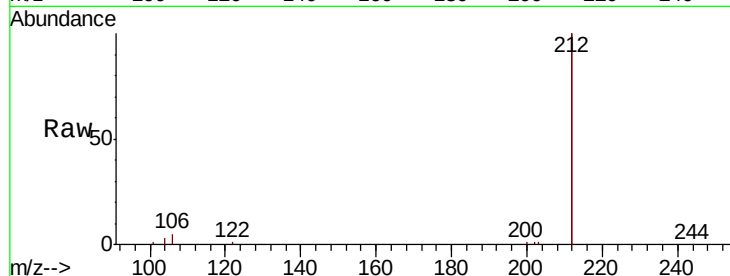
ClientSampleId :

BP-TT-SW4002-20190314MS

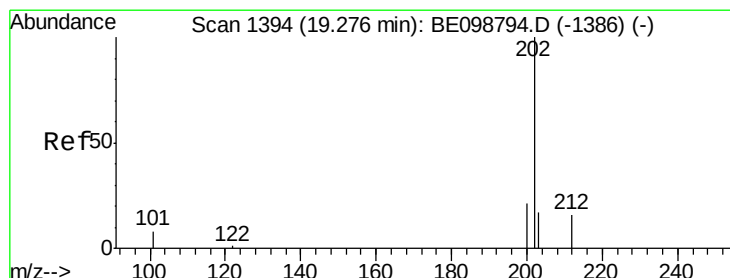
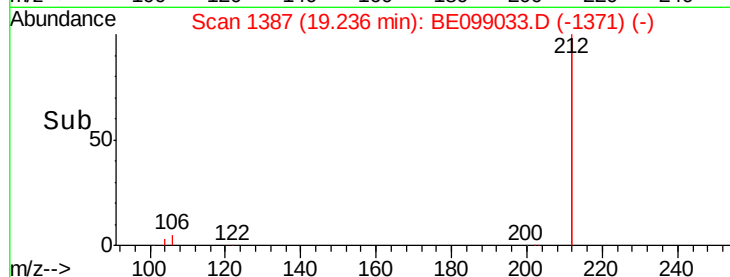
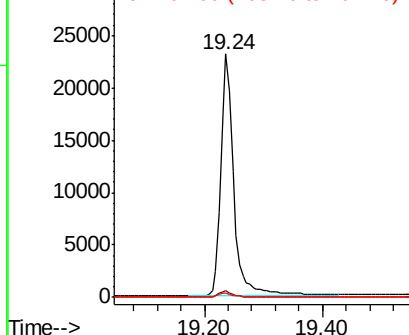
Tot Ion:	212	Resp:	35020
Ion Ratio	Lower	Upper	
212	100		
106	2.3	1.8	2.8
104	1.5	1.0	1.6

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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: 0.348 ng

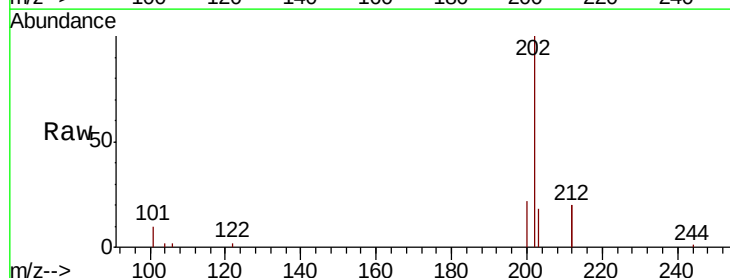
RT: 19.27 min Scan# 1392

Delta R.T. -0.01 min

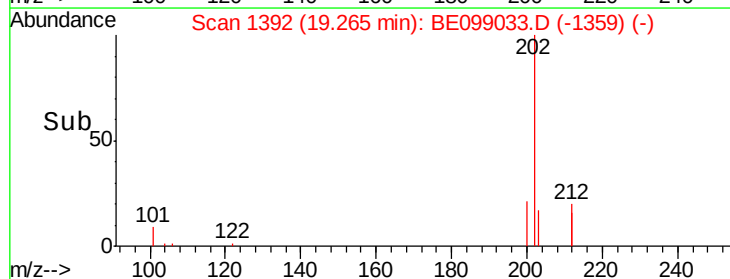
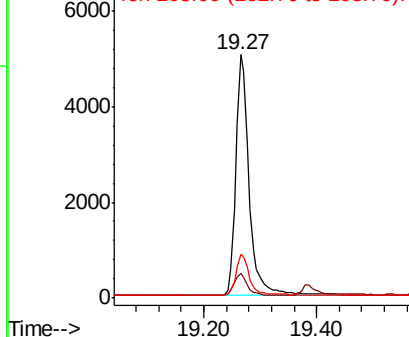
Lab File: BE099033.D

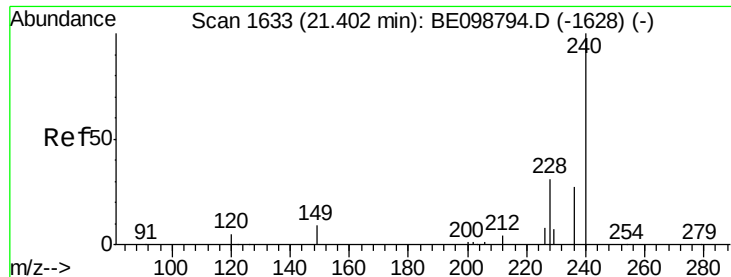
Acq: 19 Mar 2019 13:38

Tgt Ion:	202	Resp:	8403
Ion Ratio	Lower	Upper	
202	100		
101	9.5	7.3	10.9
203	17.4	13.4	20.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





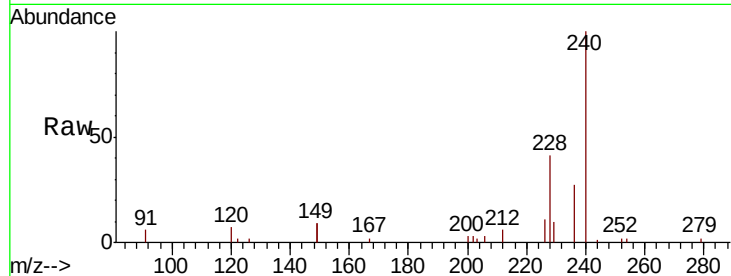
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.0	7.4
236	27.3	22.7	34.1

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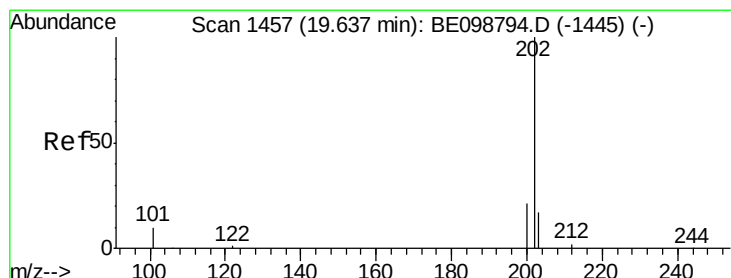
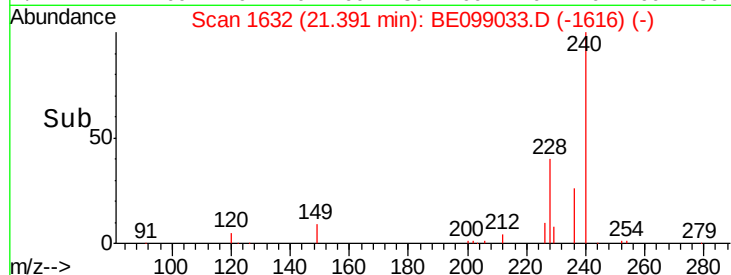
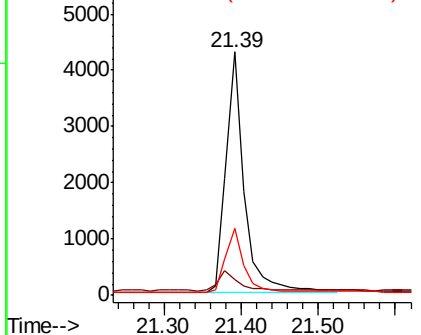


Abundance

Ion 240.00 (239.70 to 240.70): E

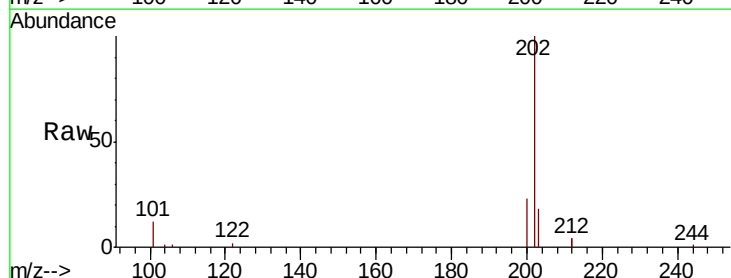
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28
Pyrene
Concen: 0.398 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.0	25.6
203	18.3	14.2	21.2

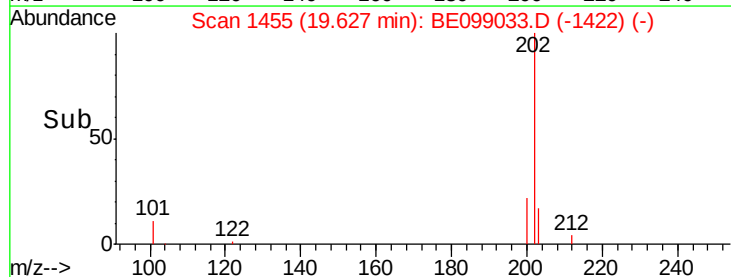
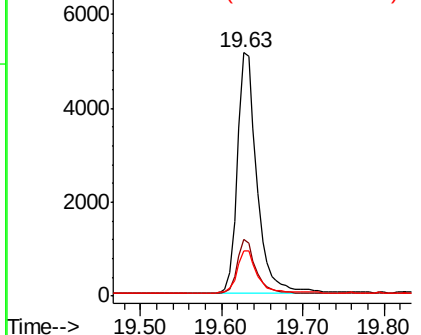


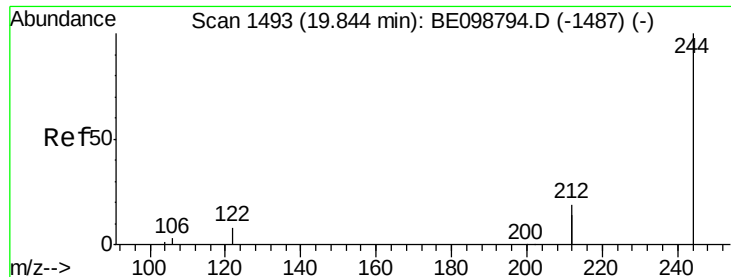
Abundance

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





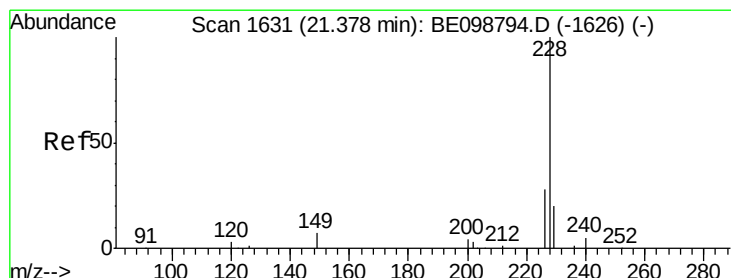
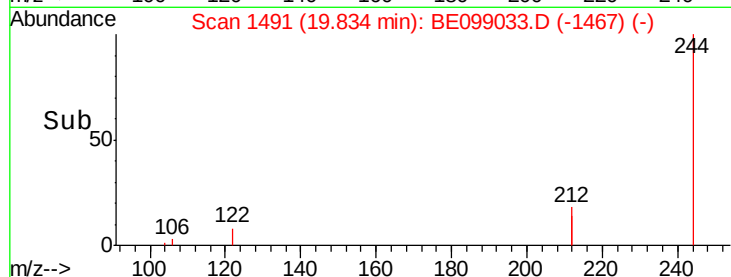
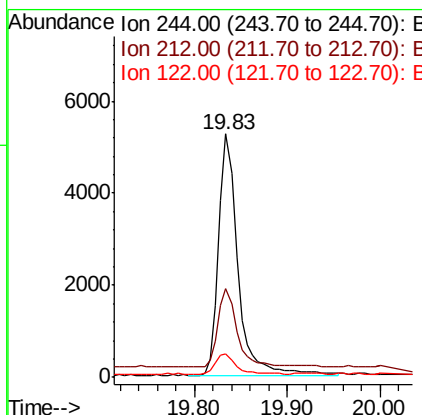
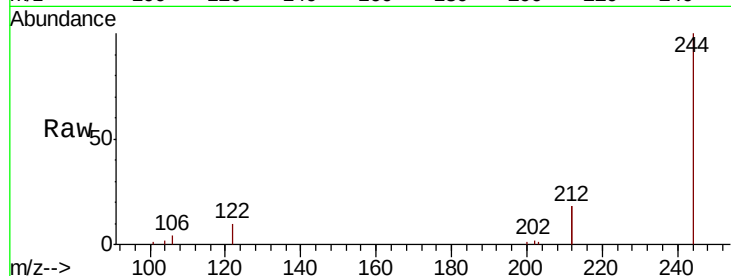
#29
 Terphenyl-d14
 Concen: 0.441 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BE099033.D
 Acq: 19 Mar 2019 13:38

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20190314MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	36.5	29.4	44.2
122	9.6	7.1	10.7

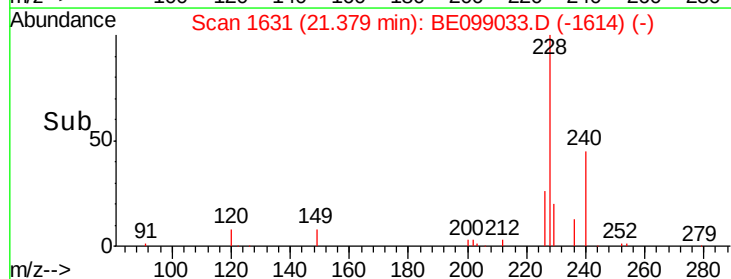
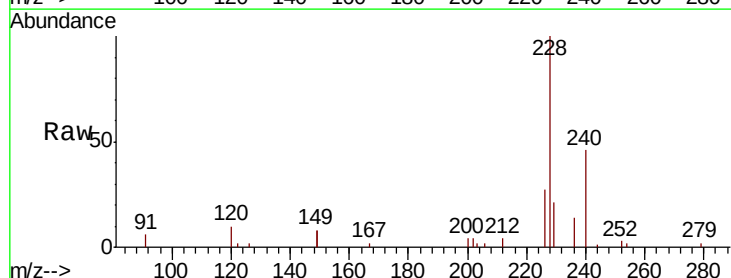
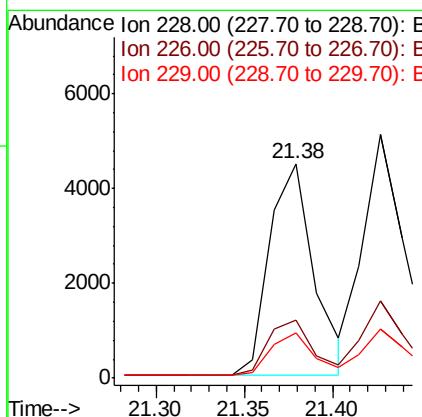
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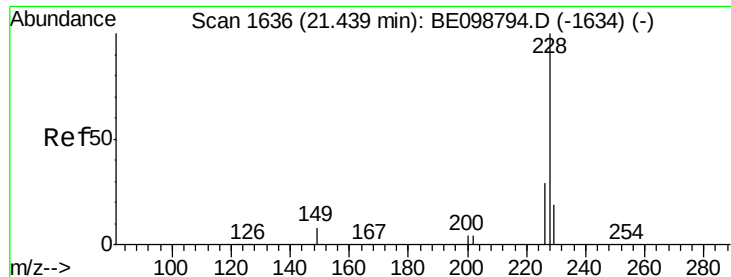
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#30
 Benzo(a)anthracene
 Concen: 0.356 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BE099033.D
 Acq: 19 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	23.0	34.4
229	21.2	16.5	24.7





#31

Chrysene

Concen: 0.357 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE099033.D

Acq: 19 Mar 2019 13:38

Instrument :

BNA_E

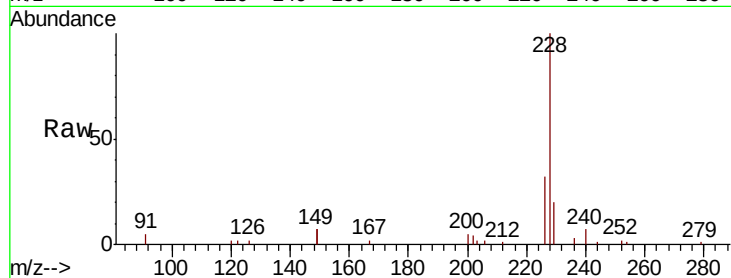
ClientSampleId :

BP-TT-SW4002-20190314MS

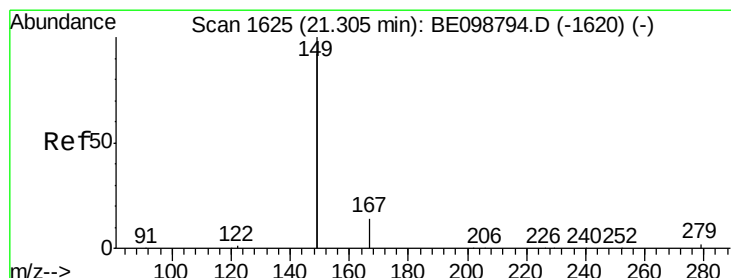
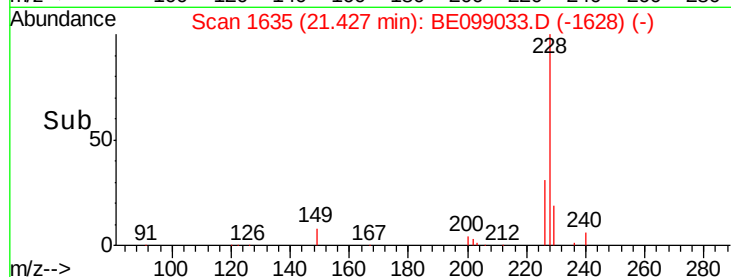
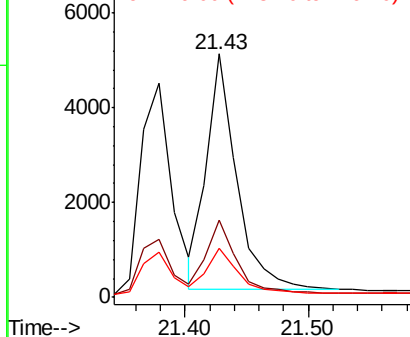
Tot Ion:	228	Resp:	8383
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.7	35.5
229	20.3	16.1	24.1

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.494 ng

RT: 21.29 min Scan# 1624

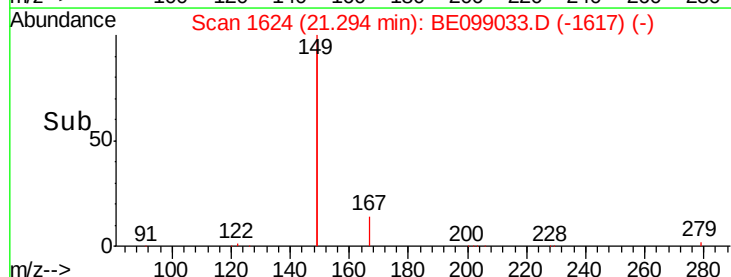
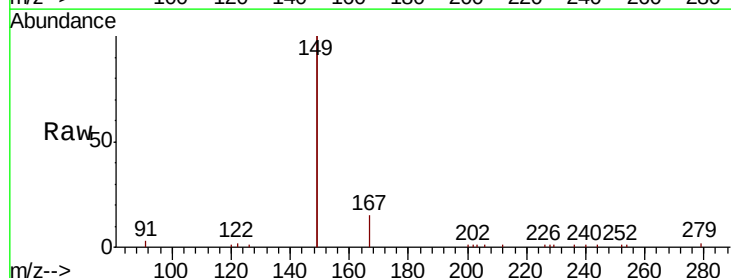
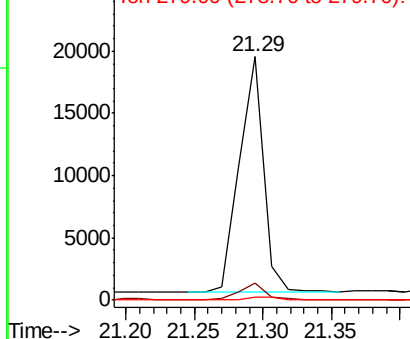
Delta R.T. -0.01 min

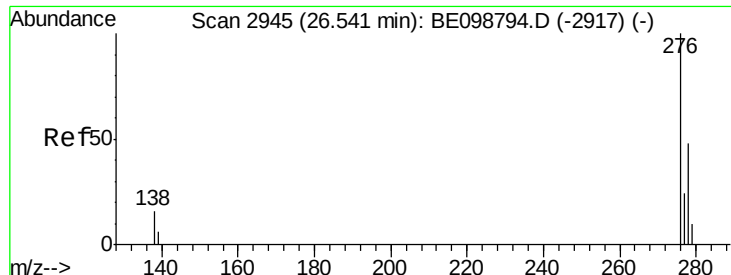
Lab File: BE099033.D

Acq: 19 Mar 2019 13:38

Tgt Ion:	149	Resp:	23112
Ion Ratio	Lower	Upper	
149	100		
167	6.8	5.4	8.0
279	1.1	1.0	1.4

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





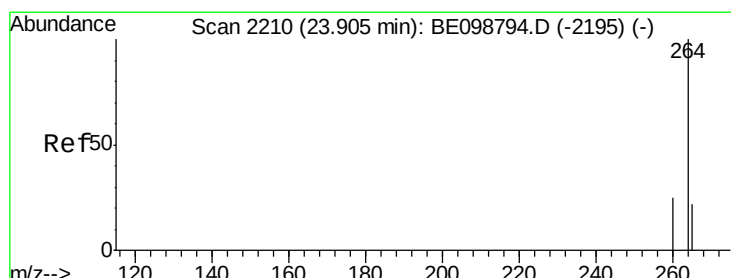
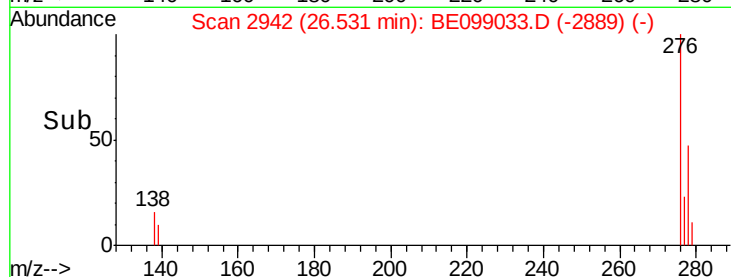
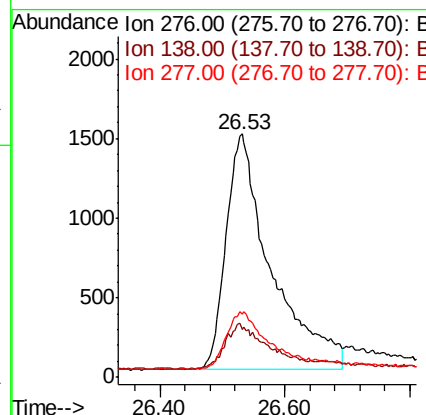
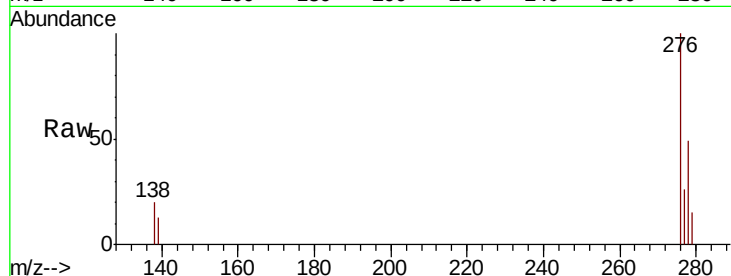
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.299 ng
RT: 26.53 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.8	20.8
277	22.8	19.5	29.3

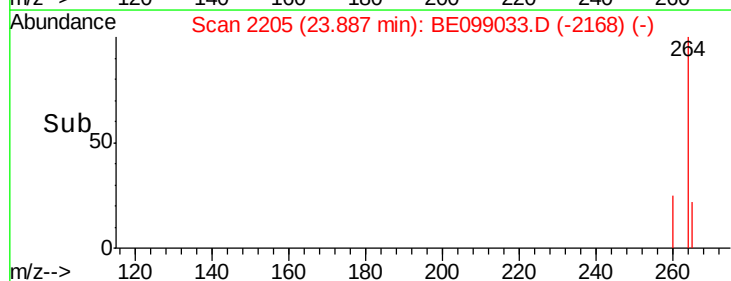
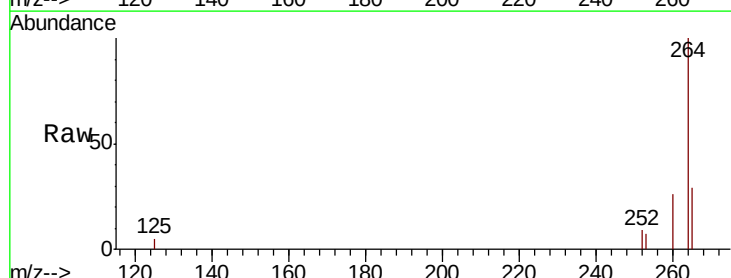
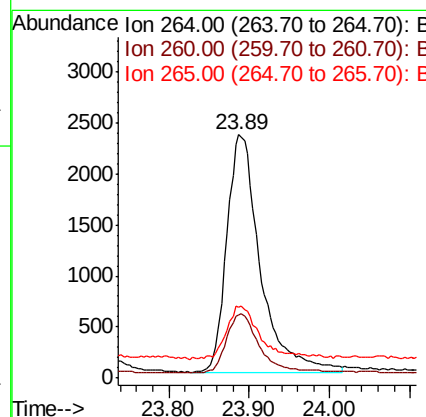
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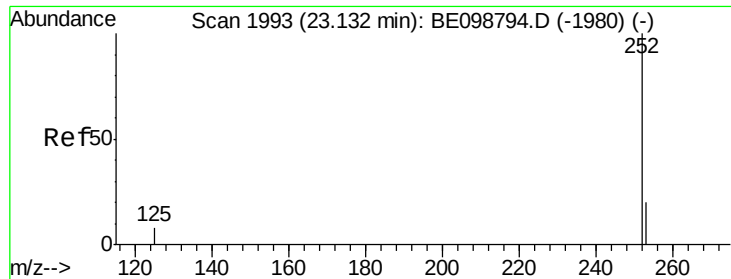
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.2	31.8
265	29.2	24.6	36.8





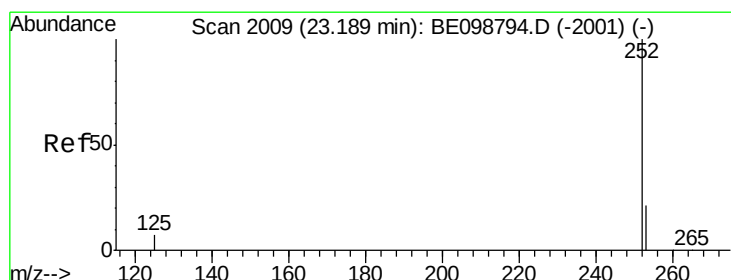
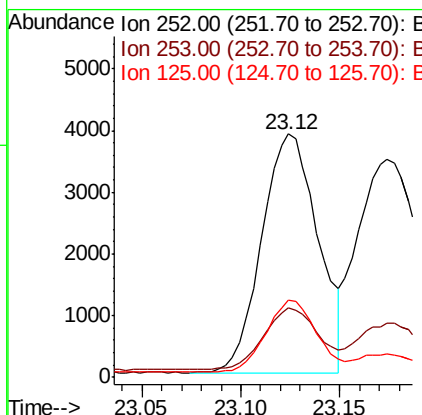
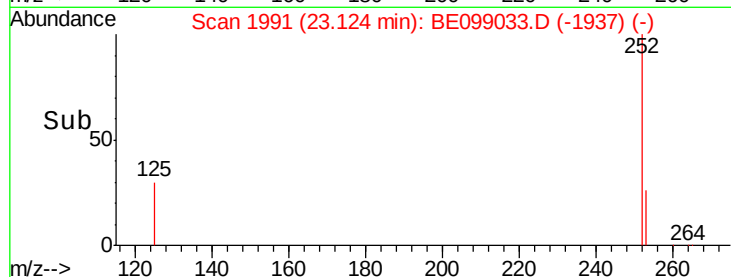
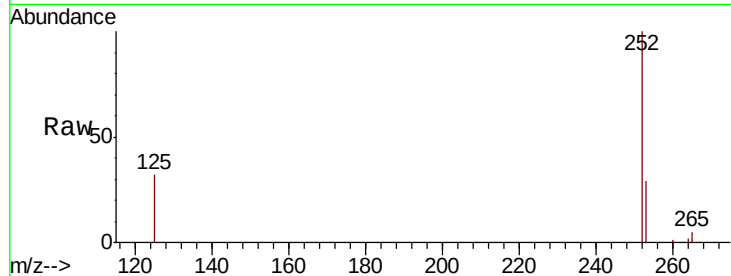
#35
Benzo(b)fluoranthene
Concen: 0.348 ng m
RT: 23.12 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tot Ion:252 Resp: 7687
Ion Ratio Lower Upper
252 100
253 28.5 18.2 27.2#
125 31.8 7.3 10.9#

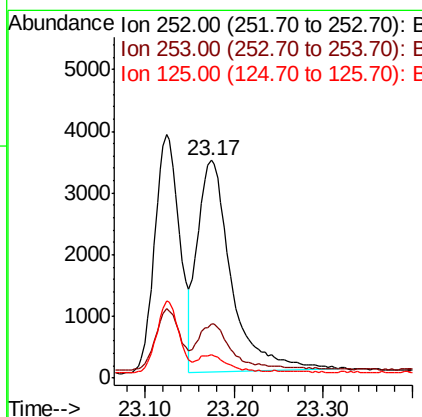
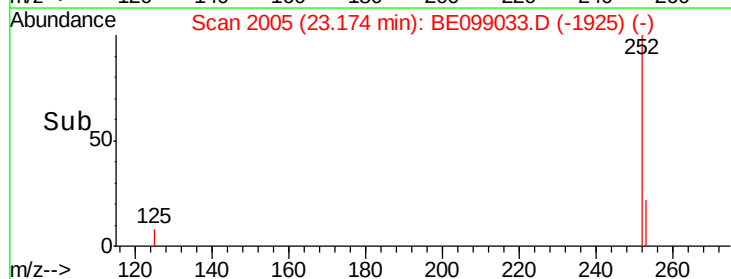
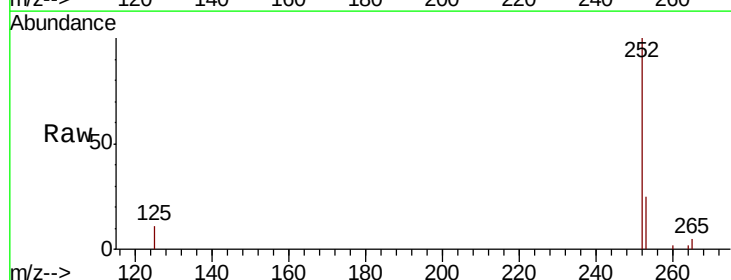
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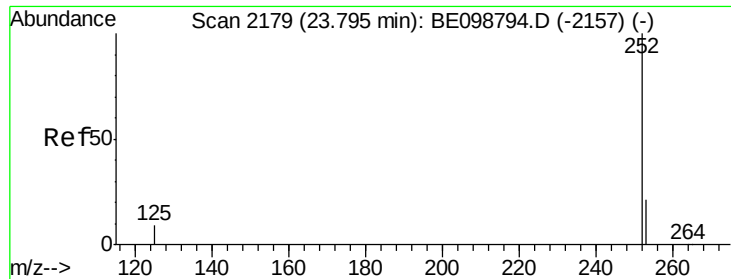
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#36
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 23.17 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion:252 Resp: 9024
Ion Ratio Lower Upper
252 100
253 25.1 19.3 28.9
125 10.9 7.5 11.3





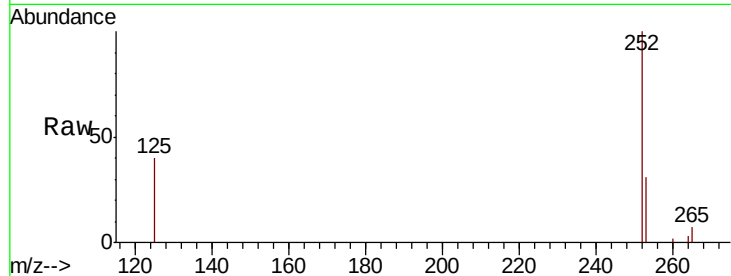
#37
Benzo(a)pyrene
Concen: 0.378 ng
RT: 23.78 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.8	19.9	29.9#
125	39.8	9.0	13.4#

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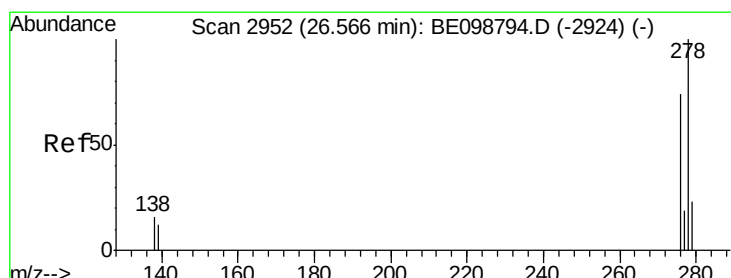
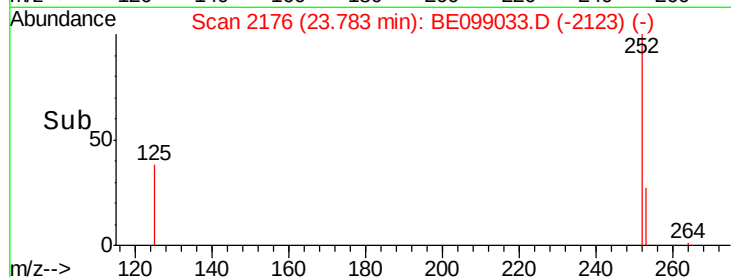
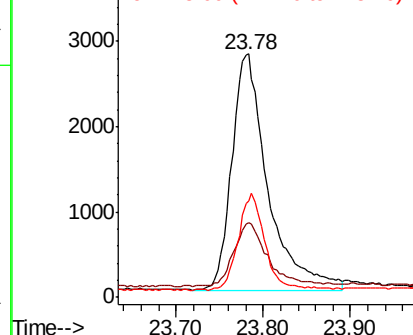


Abundance

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: 0.285 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

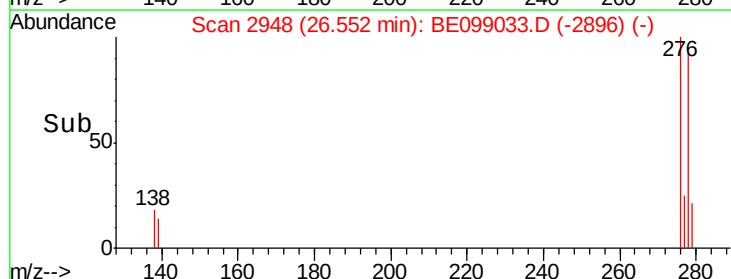
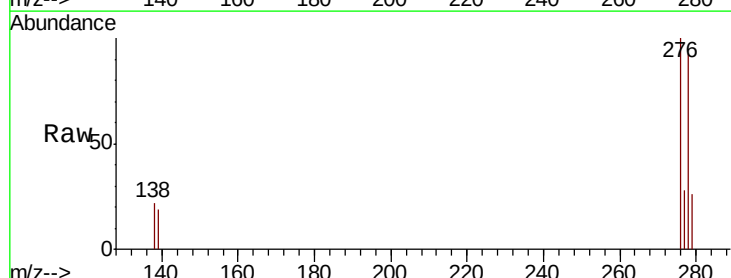
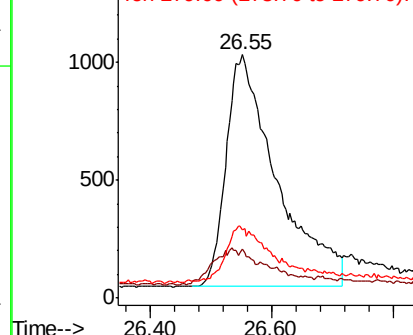
Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.0	11.8	17.6#
279	27.9	21.1	31.7

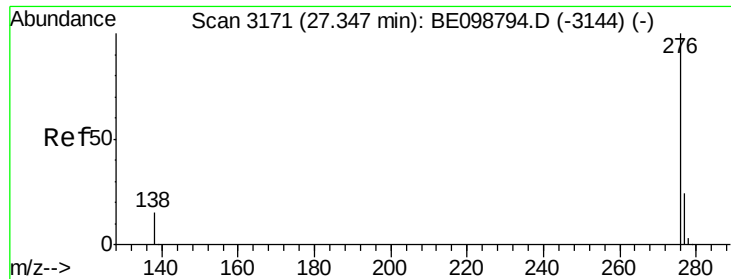
Abundance

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





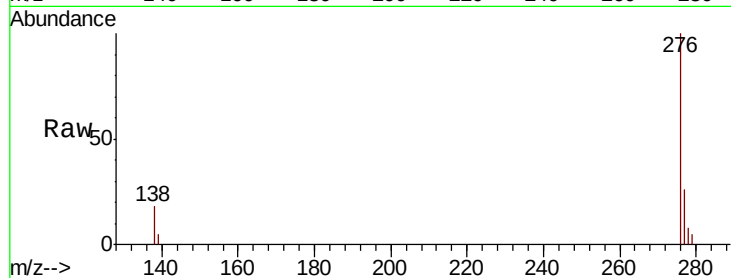
#39
 Benzo(a,h,i)perylene
 Concen: 0.325 ng
 RT: 27.33 min Scan# 3166
 Delta R.T. -0.02 min
 Lab File: BE099033.D
 Acq: 19 Mar 2019 13:38

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20190314MS

Tot Ion: 276	Resp: 6825
Ion Ratio	Lower Upper
276 100	
277 25.9	20.4 30.6
138 18.2	13.6 20.4

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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

