

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099034.D
 Acq On : 19 Mar 2019 14:19
 Operator : JU/SJ
 Sample : K1937-14MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
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 3/20/2019 6:49:47 PM

Quant Time: Mar 20 10:02:32 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	803	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3716	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2468	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	5786	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	6897	0.40	ng	-0.01
34) Perylene-d12	23.89	264	6567	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	341	0.14	ng	0.03
5) Phenol-d6	7.01	99	384	0.11	ng	0.03
8) Nitrobenzene-d5	8.98	82	1406	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2639m	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	492	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	4517	0.44	ng	0.00
25) Fluoranthene-d10	19.24	212	33723	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	7289	0.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	1048	0.743	ng	# 76
3) n-Nitrosodimethylamine	3.67	42	192m	0.095	ng	
6) bis(2-Chloroethyl)ether	7.23	93	1055	0.403	ng	82
9) Naphthalene	10.64	128	14874	0.349	ng	100
10) Hexachlorobutadiene	10.91	225	843	0.299	ng	97
12) 2-Methylnaphthalene	12.27	142	2494	0.361	ng	98
16) Acenaphthylene	14.18	152	4305	0.339	ng	97
17) Acenaphthene	14.51	154	2626	0.349	ng	99
18) Fluorene	15.50	166	3716	0.342	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1198	0.382	ng	89
21) Hexachlorobenzene	16.52	284	1315	0.353	ng	97
22) Pentachlorophenol	16.88	266	735	0.843	ng	# 77
23) Phenanthrene	17.24	178	6233	0.379	ng	98
24) Anthracene	17.35	178	4928	0.351	ng	99
26) Fluoranthene	19.27	202	8052	0.347	ng	100
28) Pyrene	19.63	202	8353	0.396	ng	100
30) Benzo(a)anthracene	21.38	228	7437	0.346	ng	99
31) Chrysene	21.43	228	8174	0.355	ng	96
32) Bis(2-ethylhexyl)phthalate	21.29	149	21802	0.476	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	7404	0.305	ng	98
35) Benzo(b)fluoranthene	23.13	252	7612m	0.353	ng	
36) Benzo(k)fluoranthene	23.18	252	8725	0.386	ng	99
37) Benzo(a)pyrene	23.78	252	7913	0.382	ng	# 72
38) Dibenzo(a,h)anthracene	26.56	278	5435	0.277	ng	# 95
39) Benzo(g,h,i)perylene	27.34	276	6673	0.326	ng	98

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

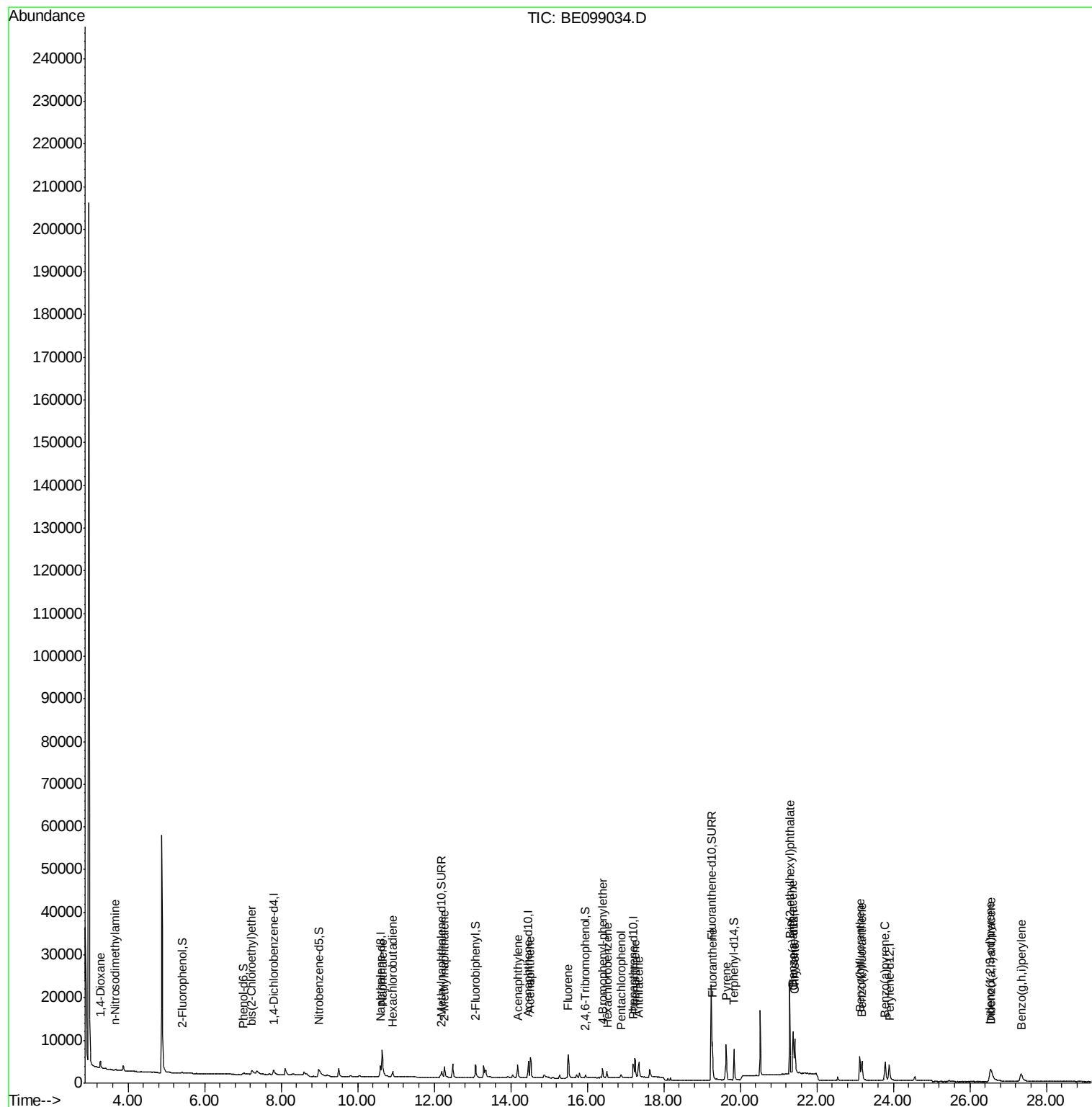
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
Data File : BE099034.D
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Sample : K1937-14MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

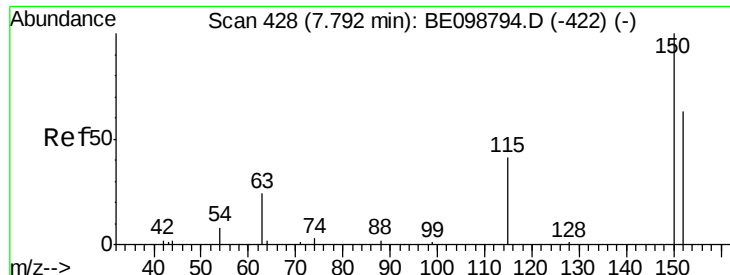
Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MSD

Manual Integrations
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Quant Time: Mar 20 10:02:32 2019
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

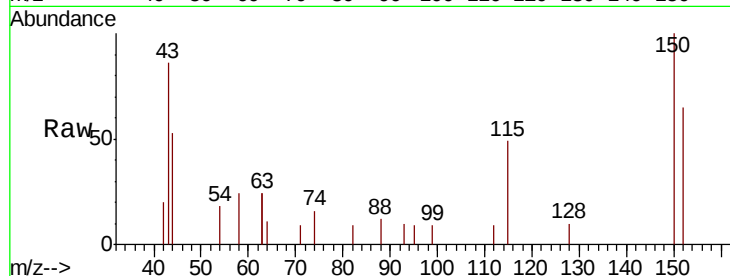
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099034.D
Acq: 19 Mar 2019 14:19

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

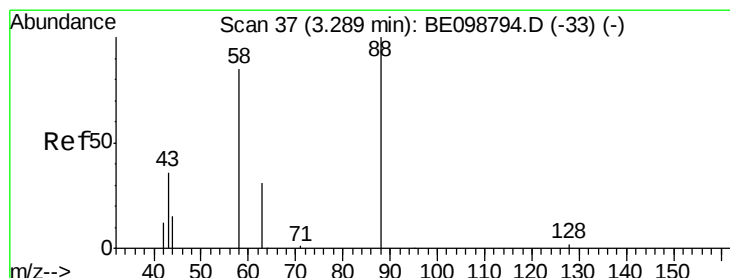
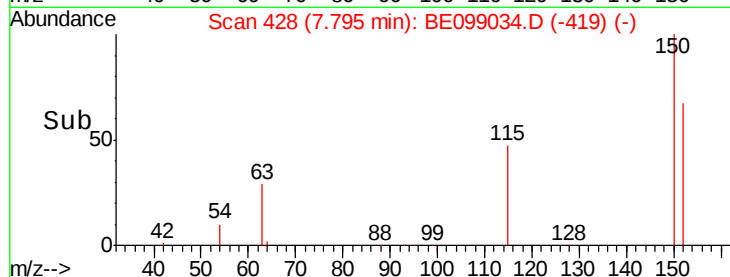
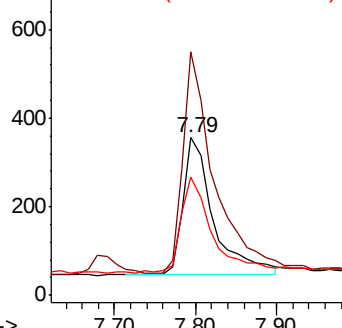
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.5	183.7
115	75.5	57.4	86.2

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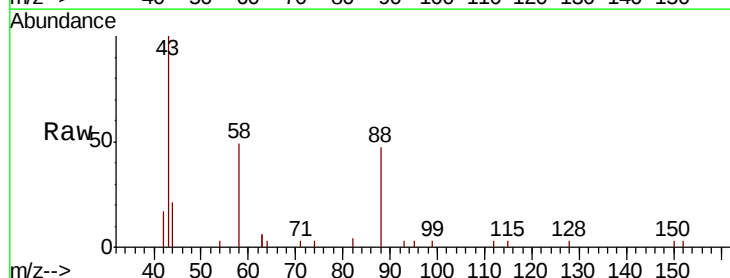
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



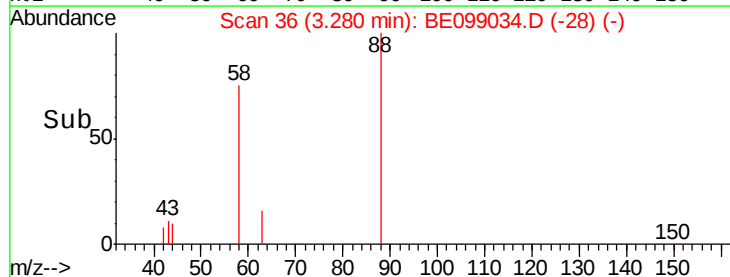
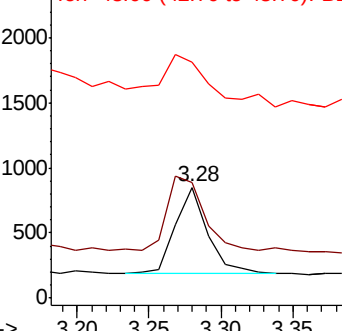
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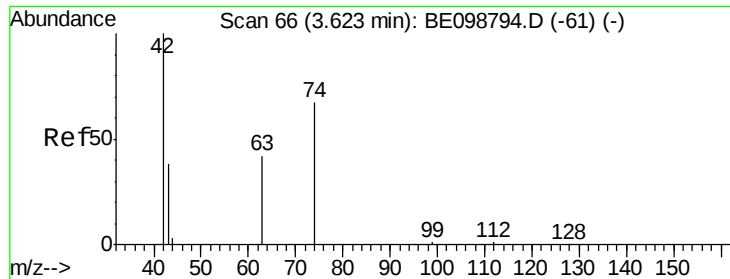
1,4-Dioxane
Concen: 0.743 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099034.D
Acq: 19 Mar 2019 14:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.8	75.8	113.6
43	97.4	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

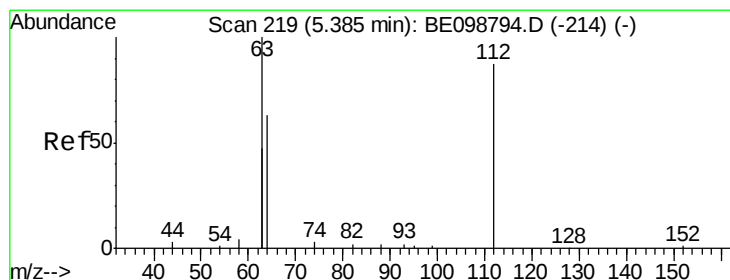
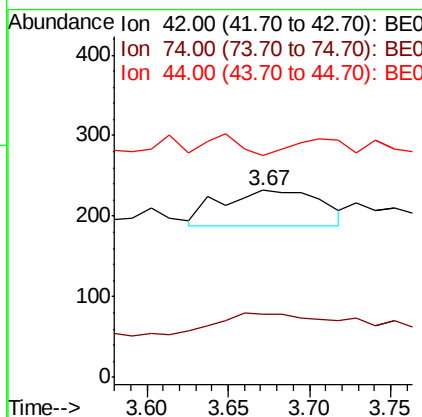
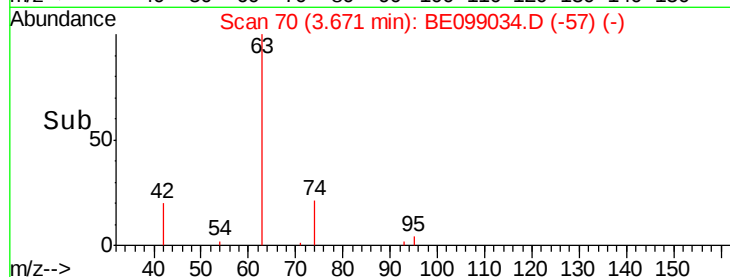
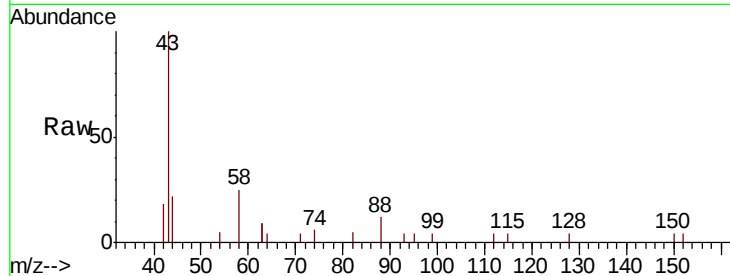
n-Nitrosodimethylamine
 Concen: 0.095 ng/ml
 RT: 3.67 min Scan# 70
 Delta R.T. 0.05 min
 Lab File: BE099034.D
 Acq: 19 Mar 2019 14:19

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

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	10.9	0.0	0.0#

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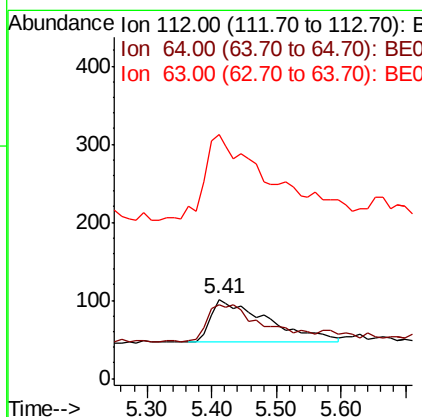
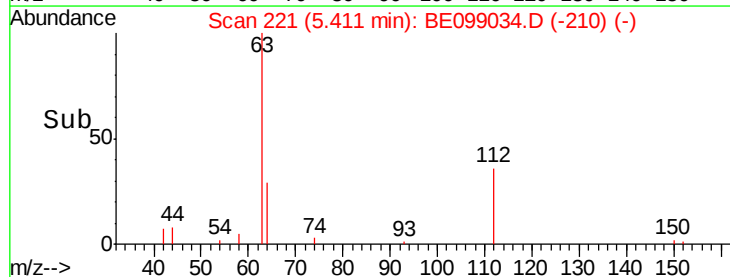
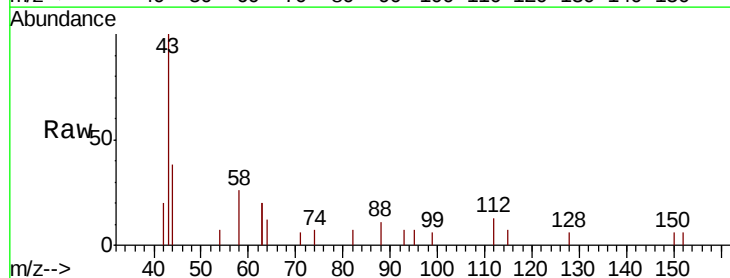
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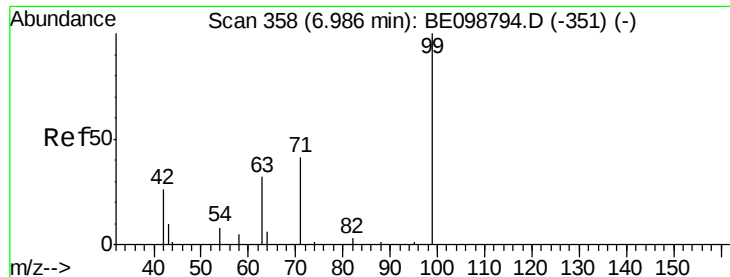


#4

2-Fluorophenol
 Concen: 0.142 ng/ml
 RT: 5.41 min Scan# 221
 Delta R.T. 0.03 min
 Lab File: BE099034.D
 Acq: 19 Mar 2019 14:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	90.3	57.9	86.9#
63	235.2	158.3	237.5





#5

Phenol-d6

Concen: 0.113 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE099034.D

Acq: 19 Mar 2019 14:19

Instrument :

BNA_E

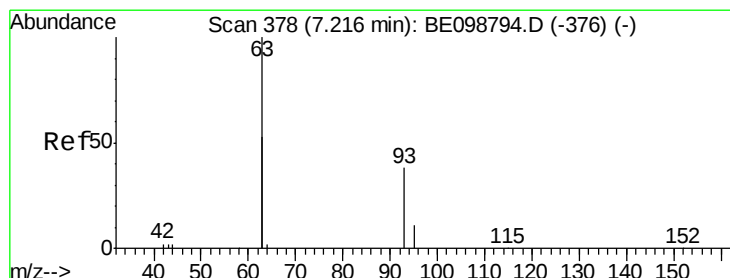
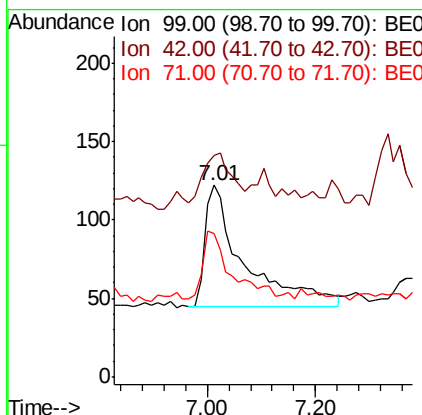
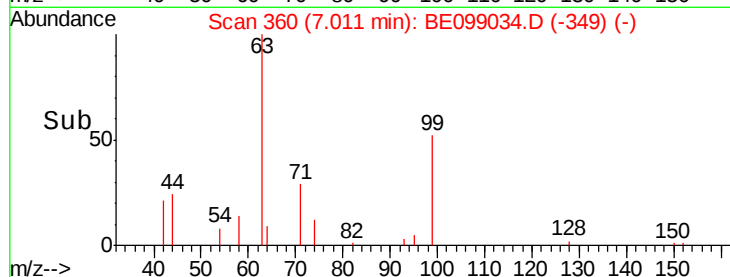
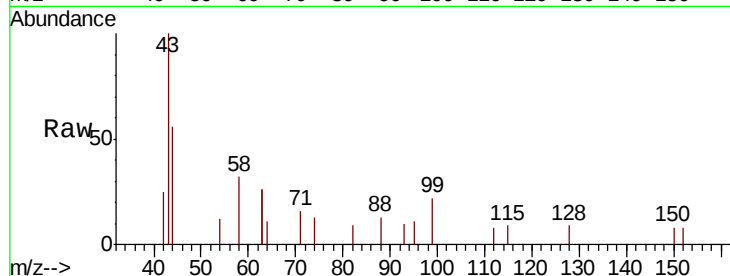
ClientSampleId :

BP-TT-SW4002-20190314MSD

Tot Ion:	99	Resp:	384
Ion Ratio	Lower	Upper	
99	100		
42	0.0	24.2	36.2#
71	39.6	35.7	53.5

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#6

bis(2-Chloroethyl)ether

Concen: 0.403 ng

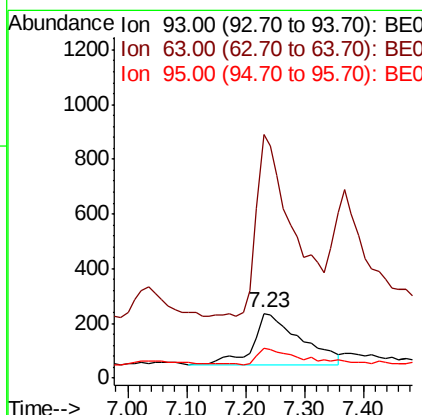
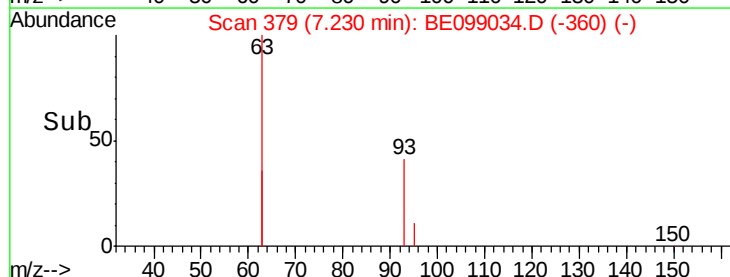
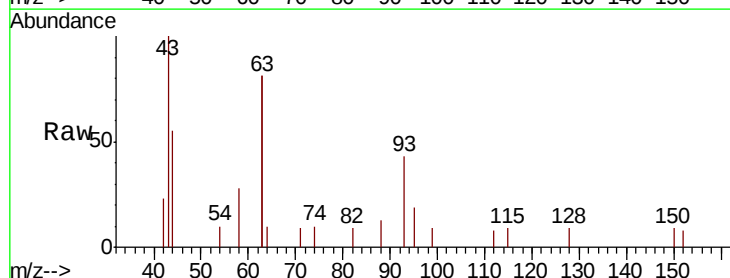
RT: 7.23 min Scan# 379

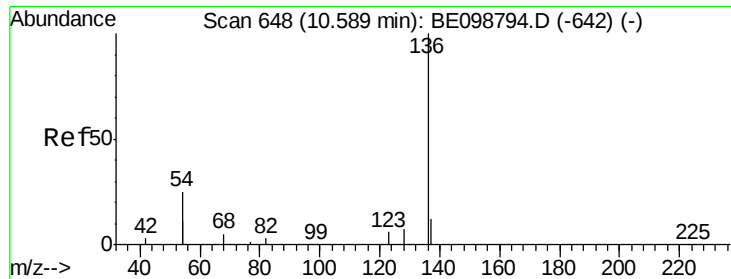
Delta R.T. 0.01 min

Lab File: BE099034.D

Acq: 19 Mar 2019 14:19

Tgt Ion:	93	Resp:	1055
Ion Ratio	Lower	Upper	
93	100		
63	270.6	247.5	371.3
95	26.6	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: BE099034.D

Acq: 19 Mar 2019 14:19

Instrument :

BNA_E

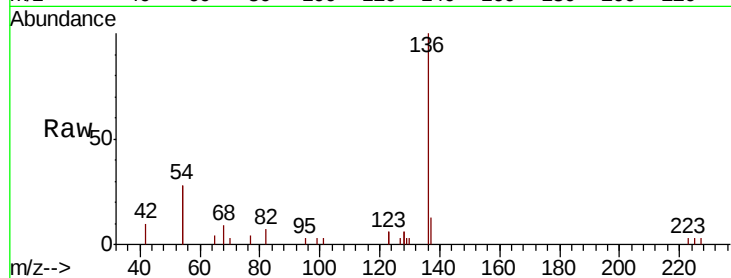
ClientSampleId :

BP-TT-SW4002-20190314MSD

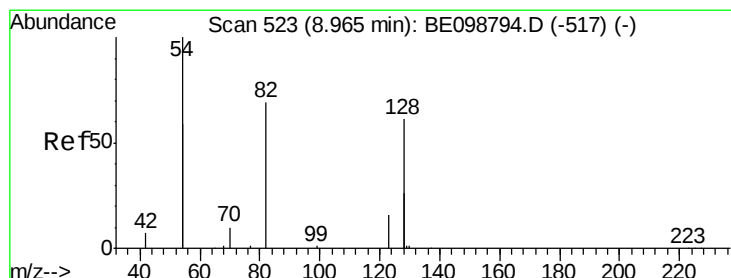
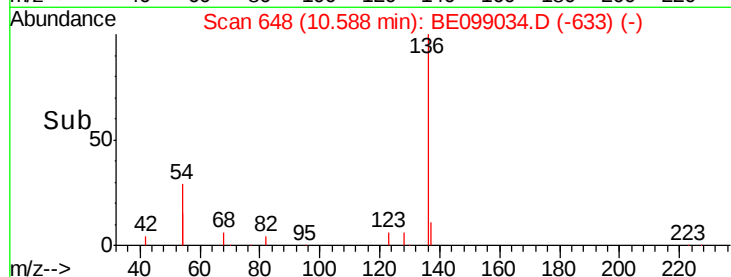
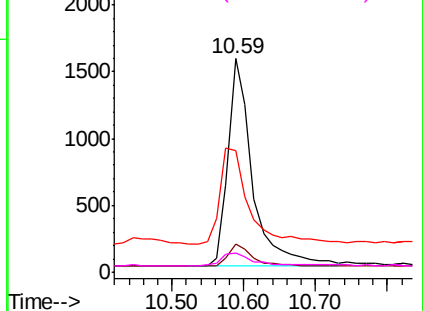
Tot Ion	Ratio	Lower	Upper
136	100		
137	13.0	11.4	17.0
54	56.9	39.3	58.9
68	8.8	6.7	10.1

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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: 0.361 ng

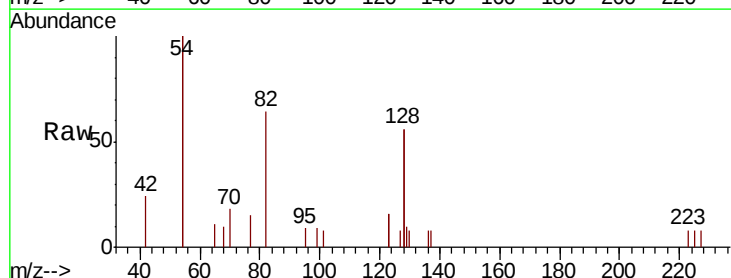
RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

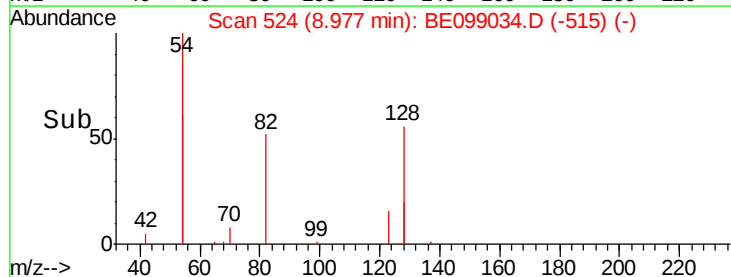
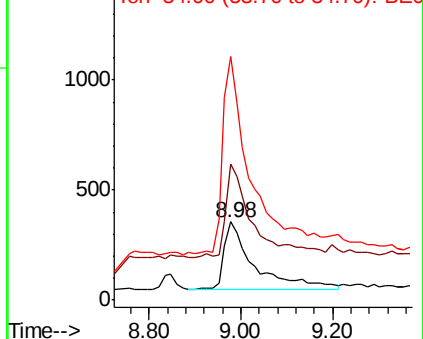
Lab File: BE099034.D

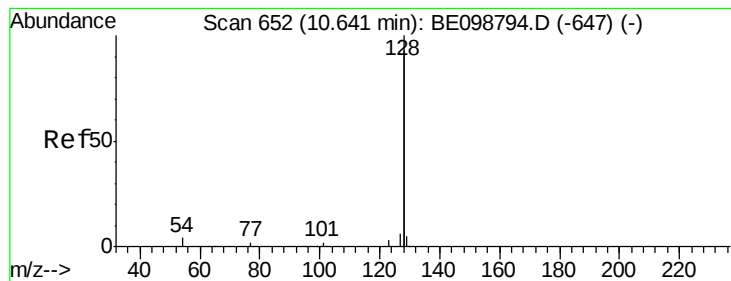
Acq: 19 Mar 2019 14:19

Tgt Ion	Ratio	Lower	Upper
82	100		
128	174.6	123.8	185.8
54	312.4	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: 0.349 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE099034.D

Acq: 19 Mar 2019 14:19

Instrument :

BNA_E

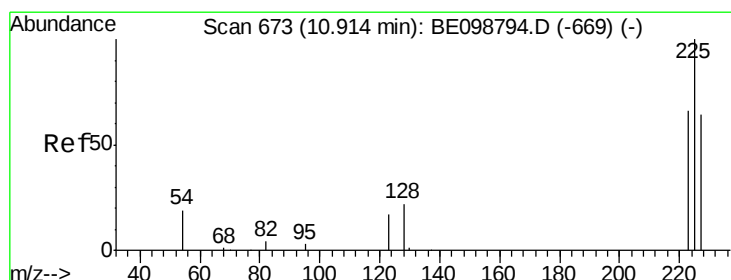
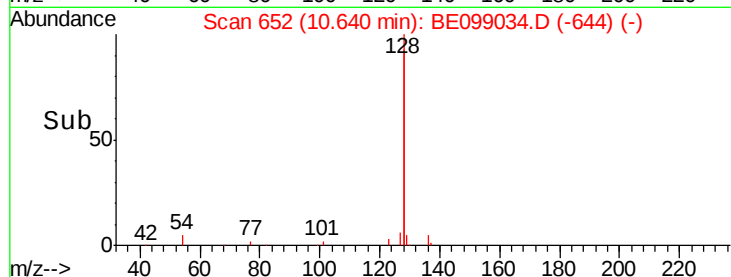
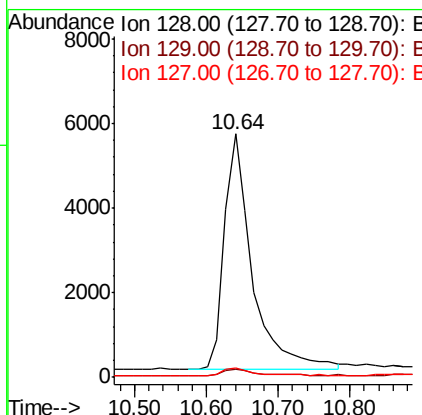
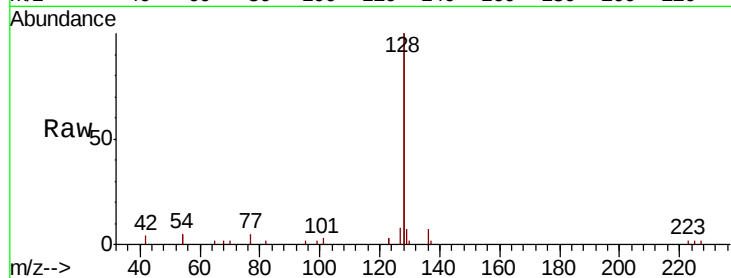
ClientSampleId :

BP-TT-SW4002-20190314MSD

Tot Ion:	128	Resp:	14874
Ion Ratio	Lower	Upper	
128	100		
129	3.4	2.6	4.0
127	4.1	3.1	4.7

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#10

Hexachlorobutadiene

Concen: 0.299 ng

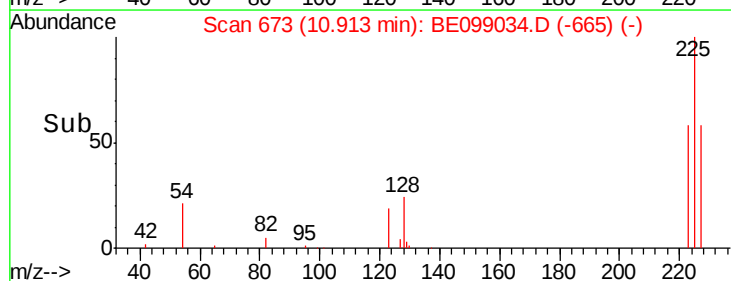
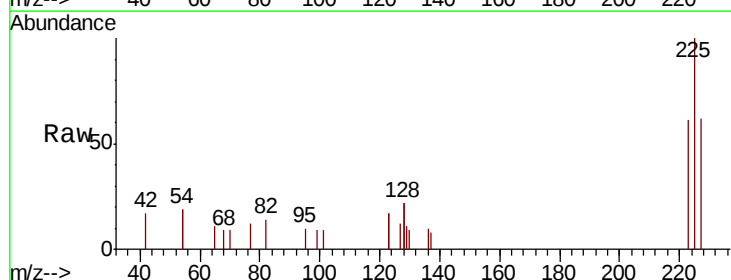
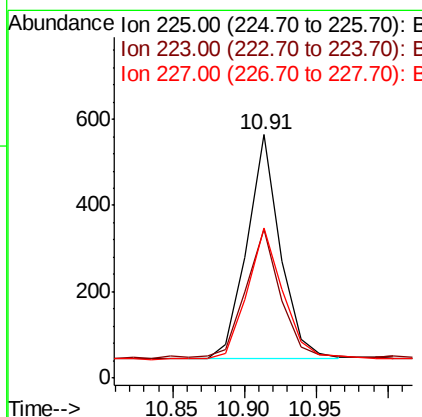
RT: 10.91 min Scan# 673

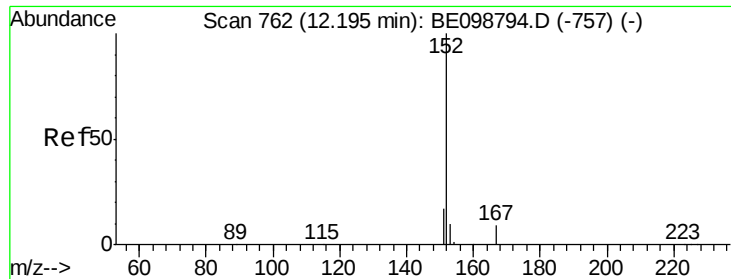
Delta R.T. -0.00 min

Lab File: BE099034.D

Acq: 19 Mar 2019 14:19

Tgt Ion:	225	Resp:	843
Ion Ratio	Lower	Upper	
225	100		
223	60.7	51.1	76.7
227	63.2	51.6	77.4





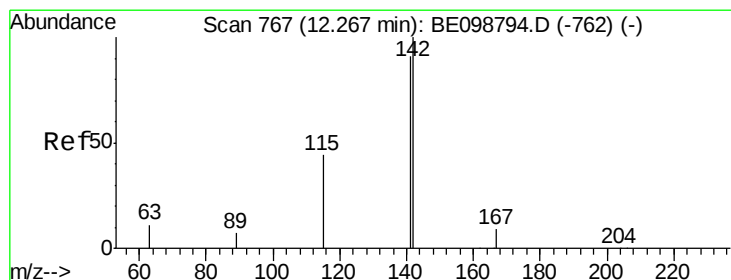
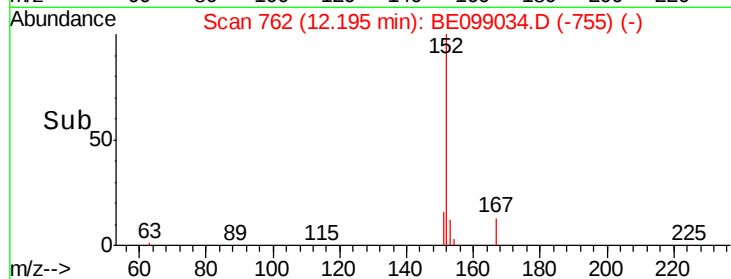
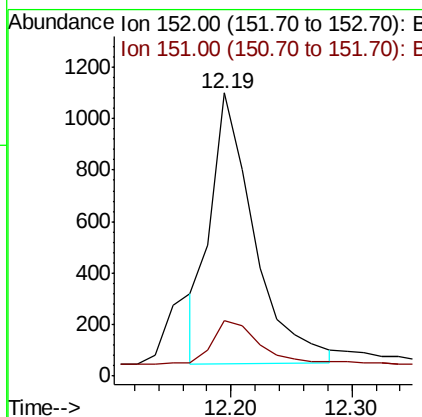
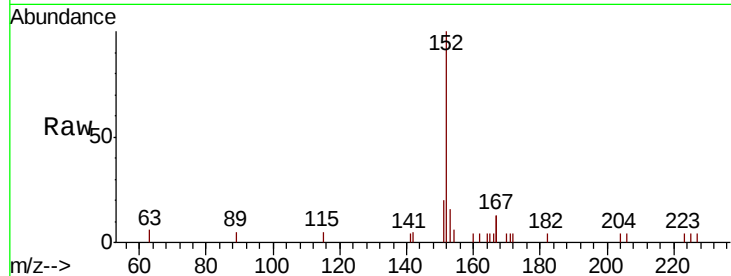
#11
2-Methylnaphthalene-d10
Concen: 0.384 ng m
RT: 12.19 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE099034.D
Acq: 19 Mar 2019 14:19

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

Tot Ion:152 Resp: 2639
Ion Ratio Lower Upper
152 100
151 18.8 16.5 24.7

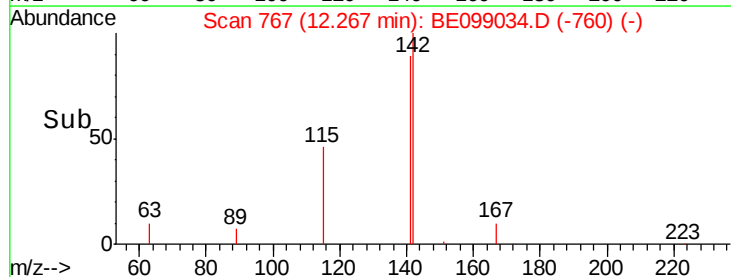
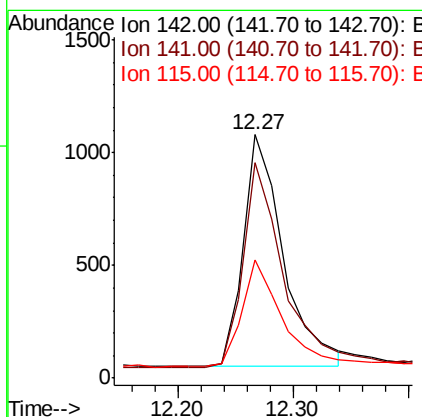
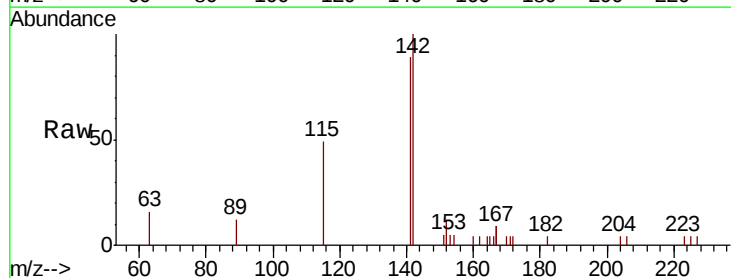
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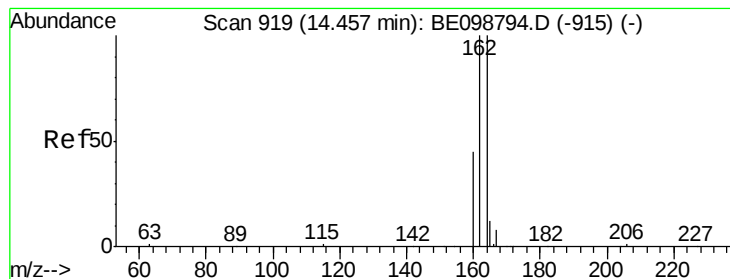
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#12
2-Methylnaphthalene
Concen: 0.361 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE099034.D
Acq: 19 Mar 2019 14:19

Tgt Ion:142 Resp: 2494
Ion Ratio Lower Upper
142 100
141 88.7 72.6 108.8
115 48.7 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: BE099034.D

Acq: 19 Mar 2019 14:19

Instrument :

BNA_E

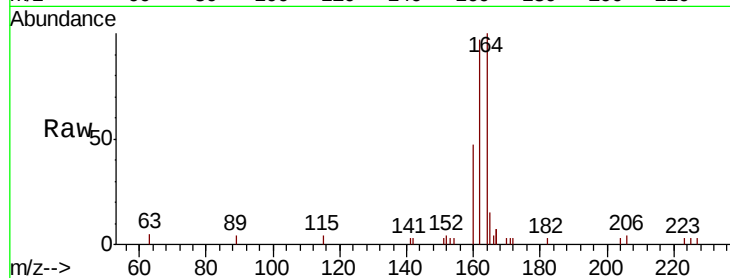
ClientSampleId :

BP-TT-SW4002-20190314MSD

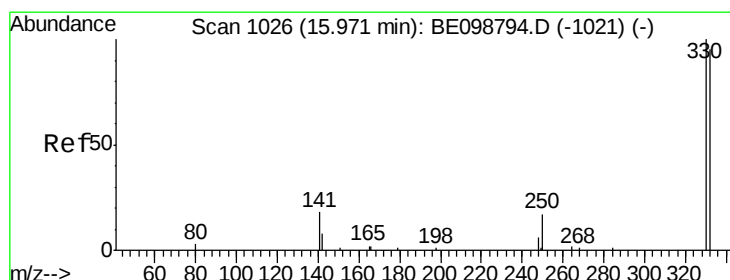
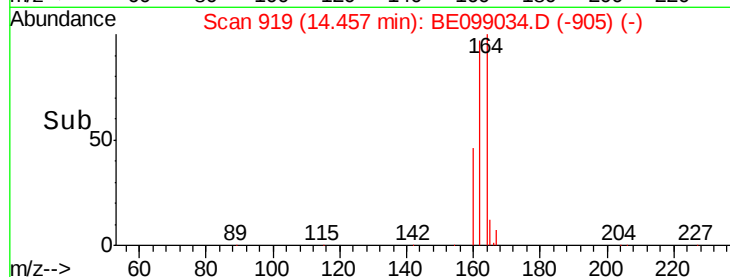
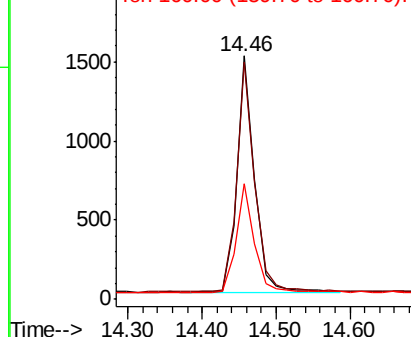
Tot Ion:	164	Resp:	2468
Ion Ratio	Lower	Upper	
164	100		
162	97.3	80.2	120.2
160	47.2	37.8	56.8

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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: 0.395 ng

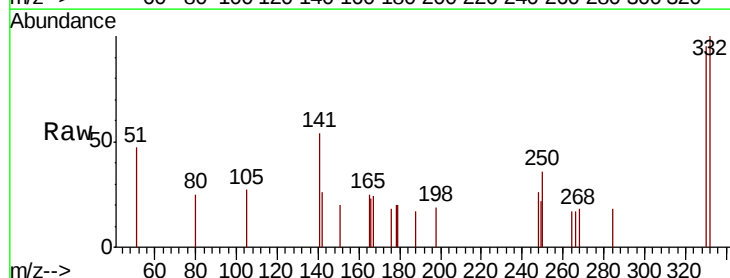
RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

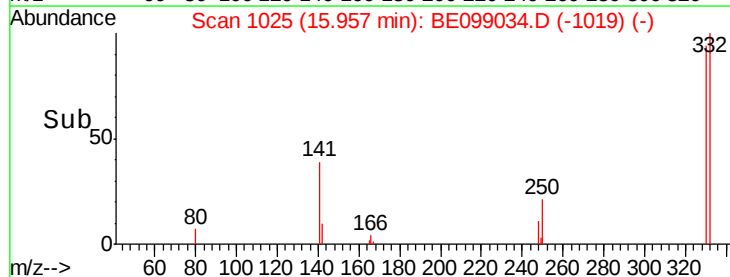
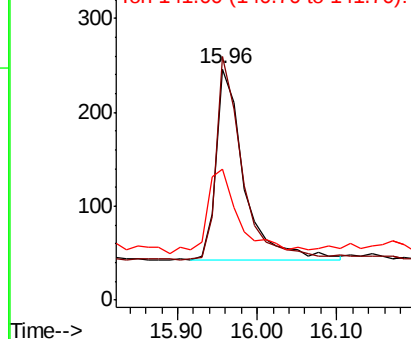
Lab File: BE099034.D

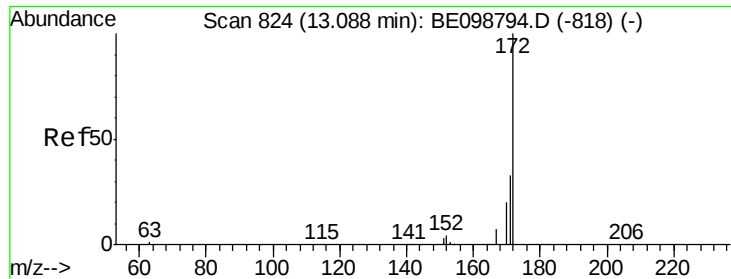
Acq: 19 Mar 2019 14:19

Tgt Ion:	330	Resp:	492
Ion Ratio	Lower	Upper	
330	100		
332	99.4	77.6	116.4
141	44.1	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





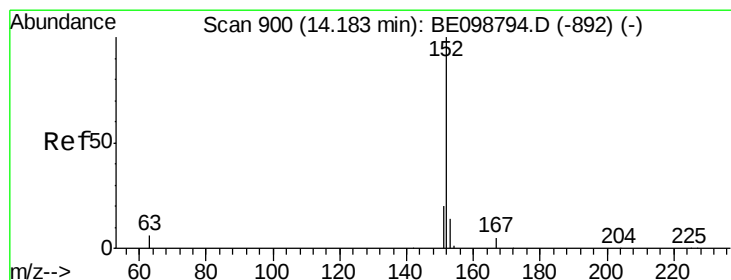
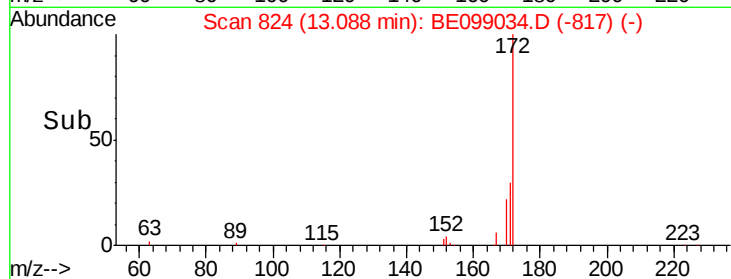
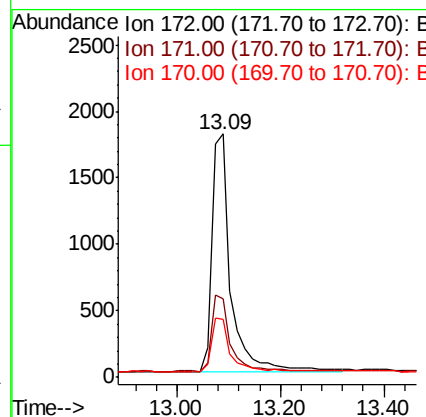
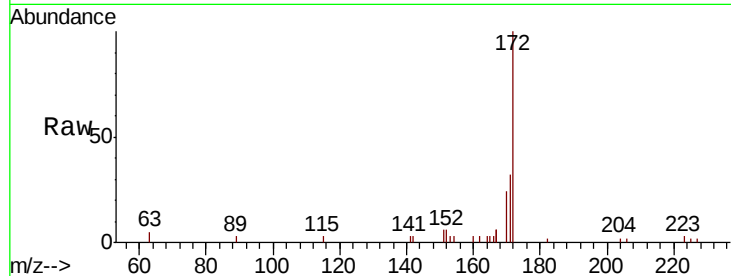
#15
2-Fluorobiphenyl
Concen: 0.442 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099034.D
Acq: 19 Mar 2019 14:19

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	32.0	28.0	42.0
170	23.6	17.7	26.5

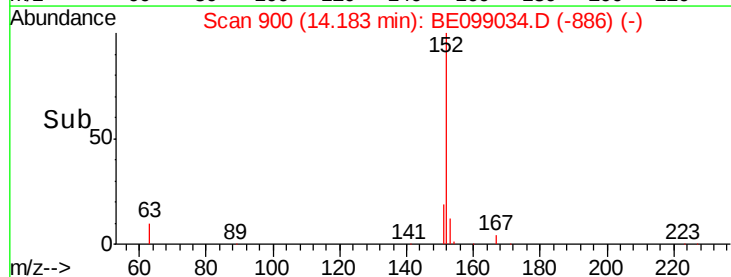
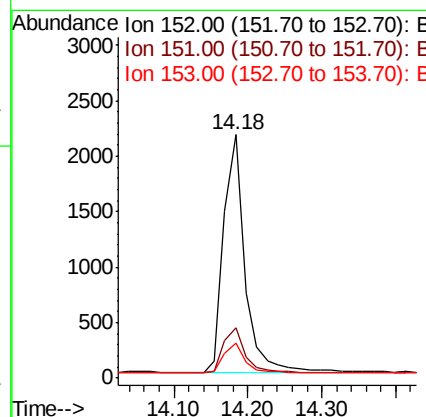
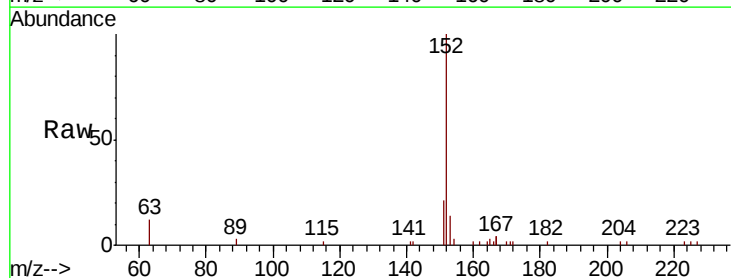
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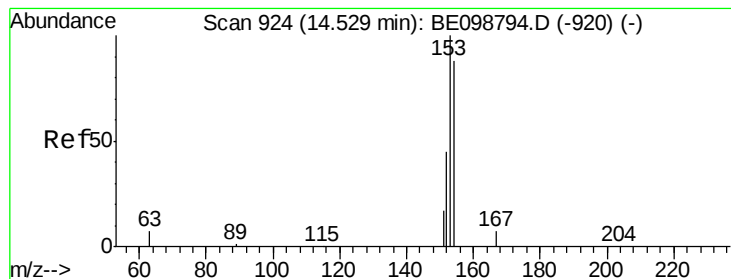
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#16
Acenaphthylene
Concen: 0.339 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099034.D
Acq: 19 Mar 2019 14:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	17.0	25.6
153	13.0	11.2	16.8





#17

Acenaphthene

Concen: 0.349 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE099034.D

Acq: 19 Mar 2019 14:19

Instrument :

BNA_E

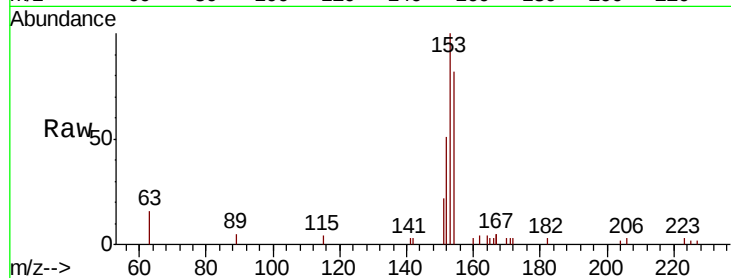
ClientSampleId :

BP-TT-SW4002-20190314MSD

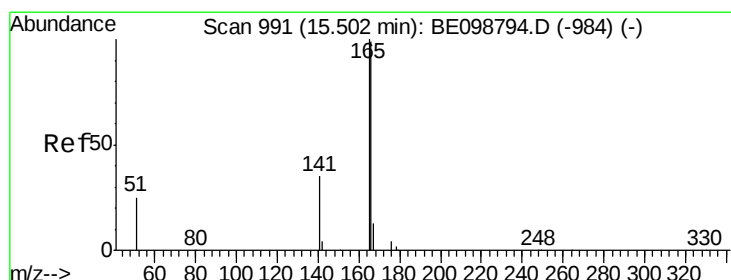
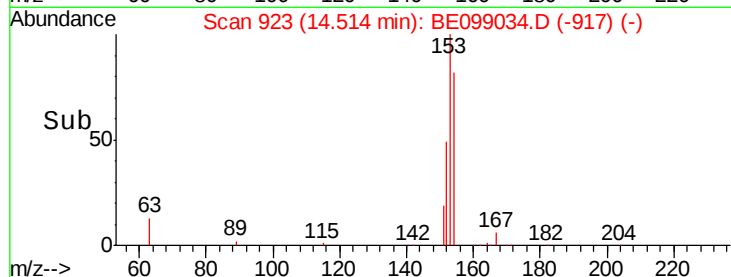
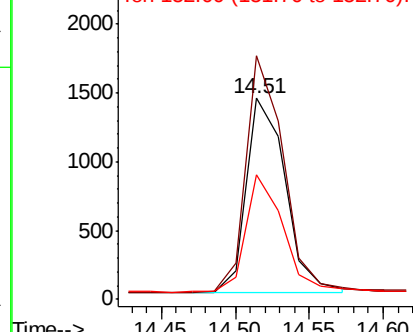
Tot Ion:	154	Resp:	2626
Ion	Ratio	Lower	Upper
154	100		
153	117.2	94.2	141.4
152	57.8	45.0	67.4

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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: 0.342 ng

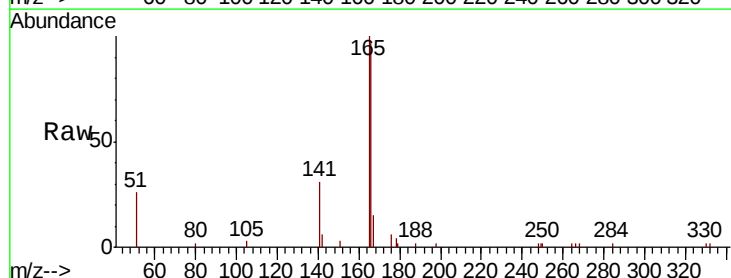
RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

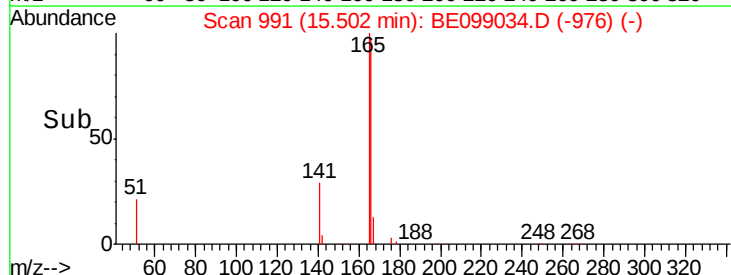
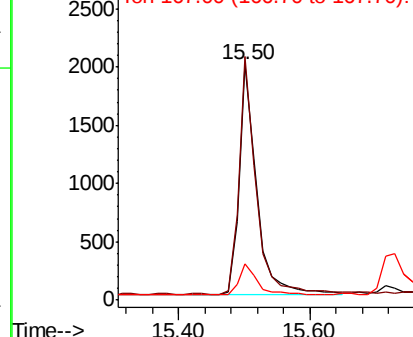
Lab File: BE099034.D

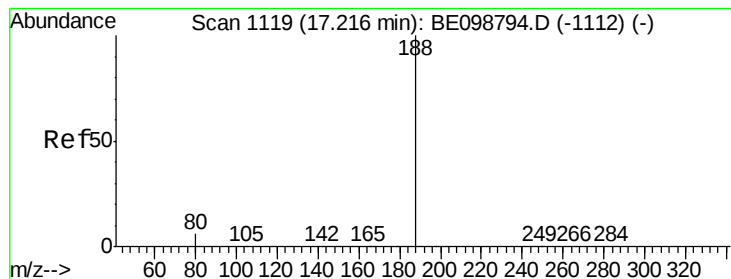
Acq: 19 Mar 2019 14:19

Tgt Ion:	166	Resp:	3716
Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.3	118.9
167	14.5	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: BE099034.D

Acq: 19 Mar 2019 14:19

Instrument :

BNA_E

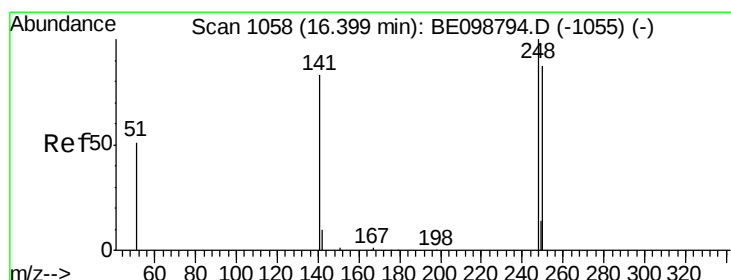
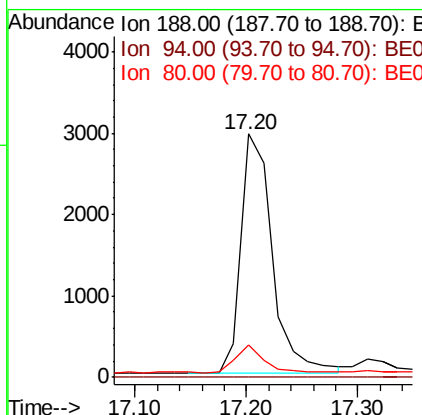
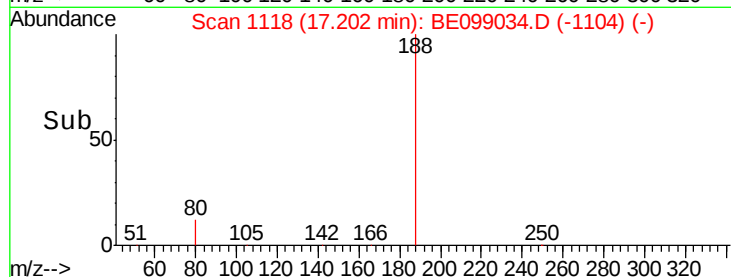
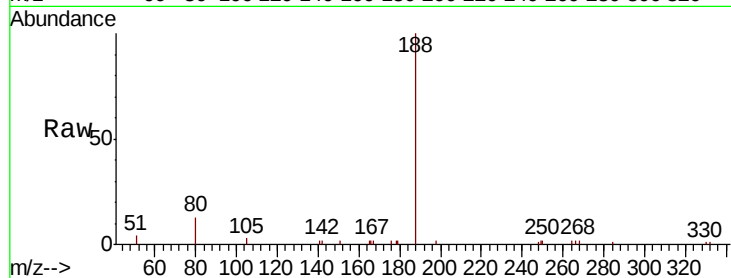
ClientSampleId :

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Tot Ion:	188	Resp:	5786
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.4	6.3	9.5#

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#20

4-Bromophenyl-phenylether

Concen: 0.382 ng

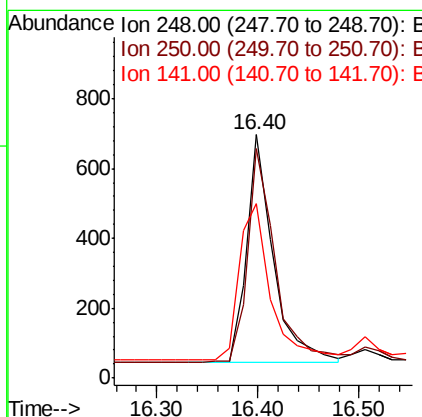
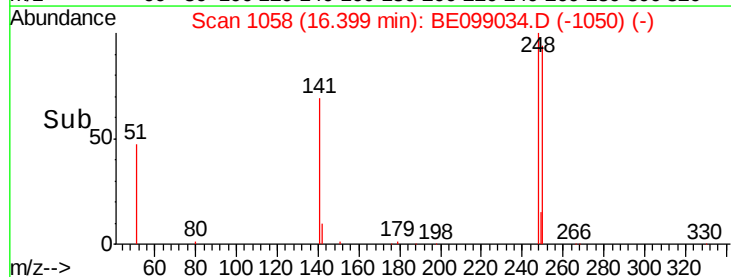
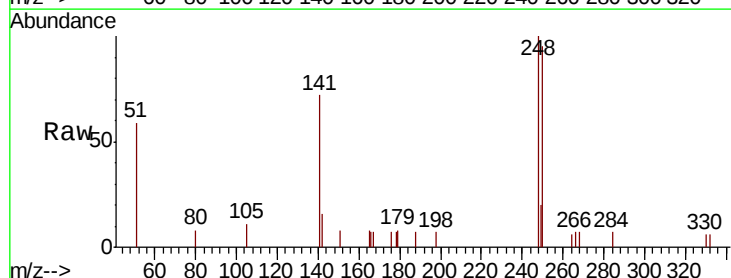
RT: 16.40 min Scan# 1058

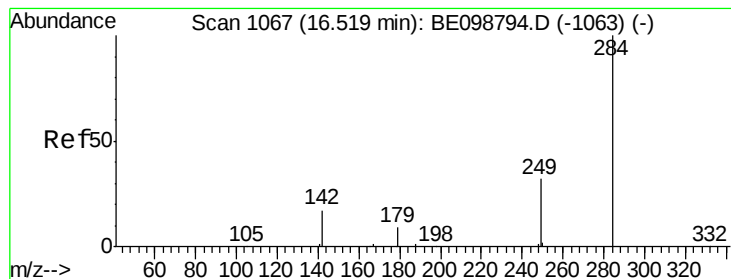
Delta R.T. 0.00 min

Lab File: BE099034.D

Acq: 19 Mar 2019 14:19

Tgt Ion:	248	Resp:	1198
Ion Ratio	Lower	Upper	
248	100		
250	94.5	70.6	105.8
141	71.9	68.6	102.8





#21

Hexachlorobenzene

Concen: 0.353 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE099034.D

Acq: 19 Mar 2019 14:19

Instrument :

BNA_E

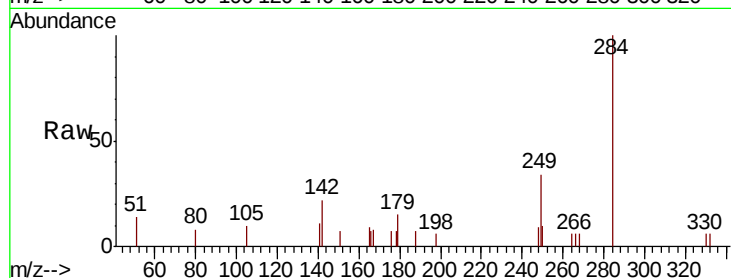
ClientSampleId :

BP-TT-SW4002-20190314MSD

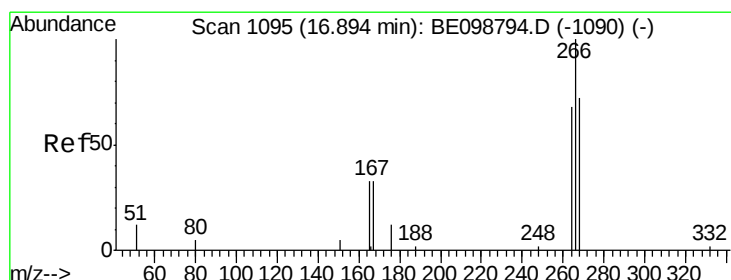
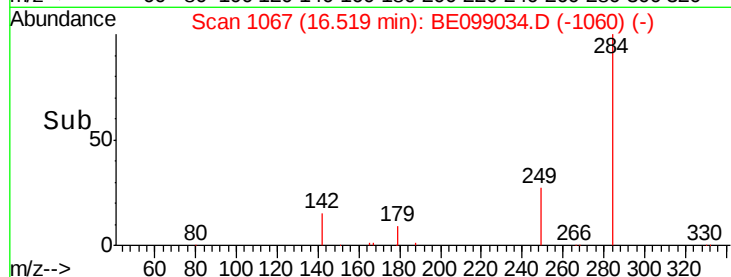
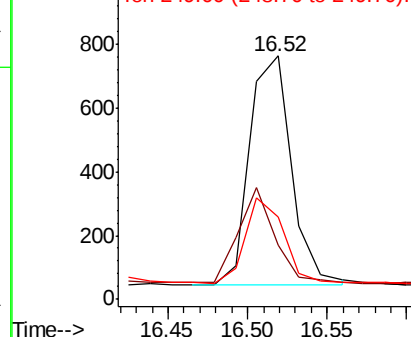
Tot Ion:	284	Resp:	1315
Ion Ratio	Lower	Upper	
284	100		
142	35.9	28.7	43.1
249	34.1	29.6	44.4

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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: 0.843 ng

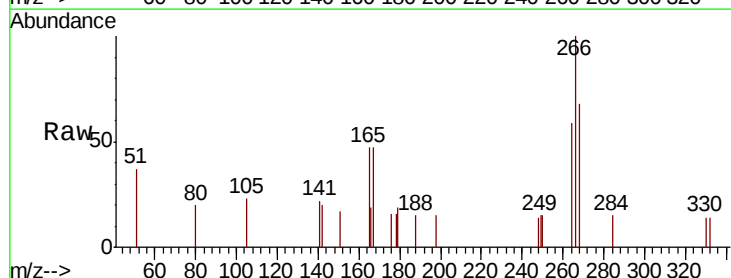
RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

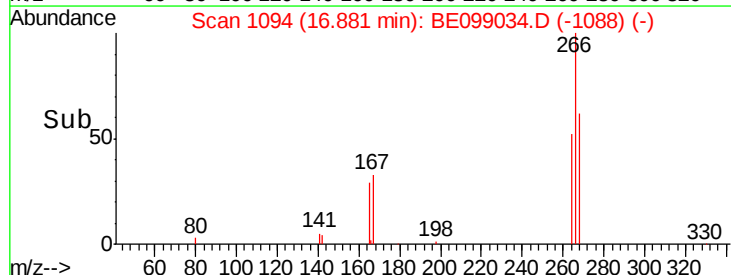
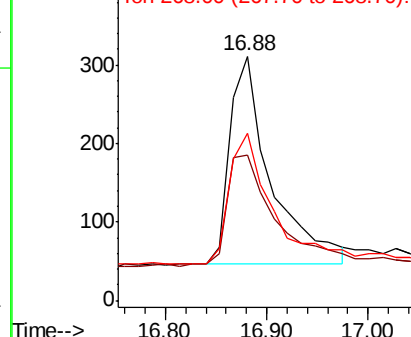
Lab File: BE099034.D

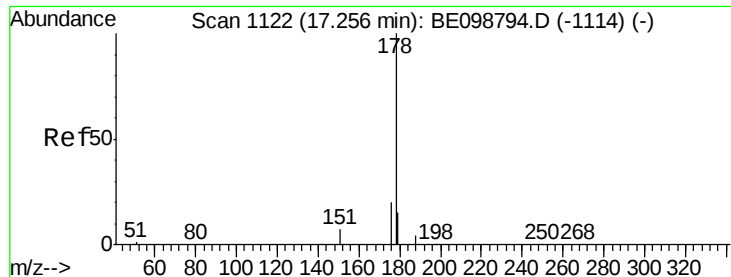
Acq: 19 Mar 2019 14:19

Tgt Ion:	266	Resp:	735
Ion Ratio	Lower	Upper	
266	100		
264	59.5	66.6	100.0#
268	68.5	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





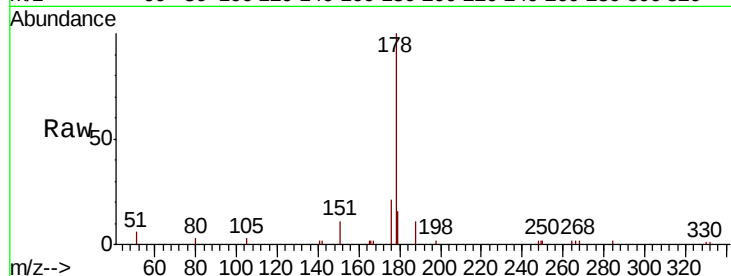
#23
Phenanthrene
Concen: 0.379 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099034.D
Acq: 19 Mar 2019 14:19

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	15.5	12.1	18.1

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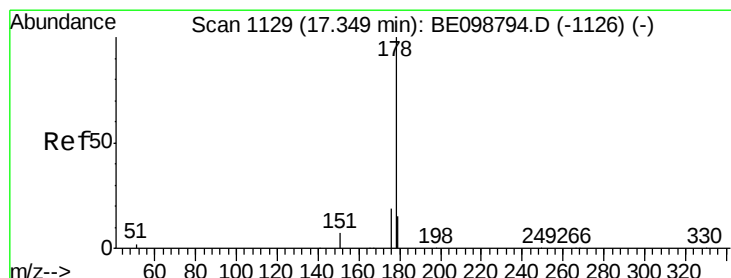
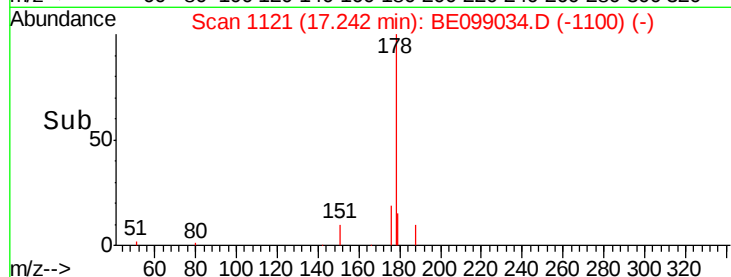
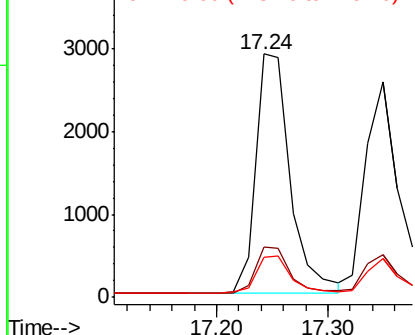


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24
Anthracene
Concen: 0.351 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE099034.D
Acq: 19 Mar 2019 14:19

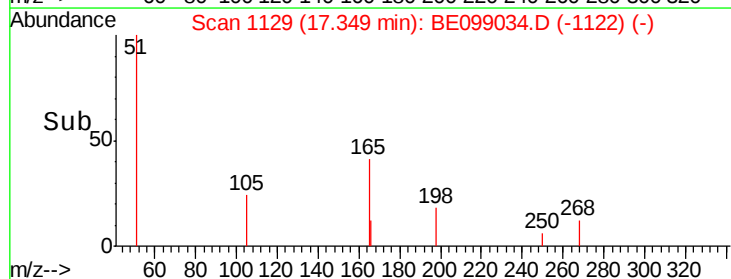
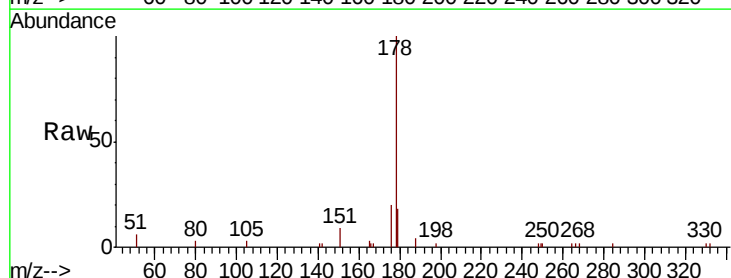
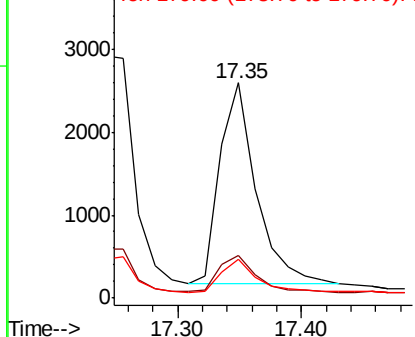
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.8	12.2	18.4

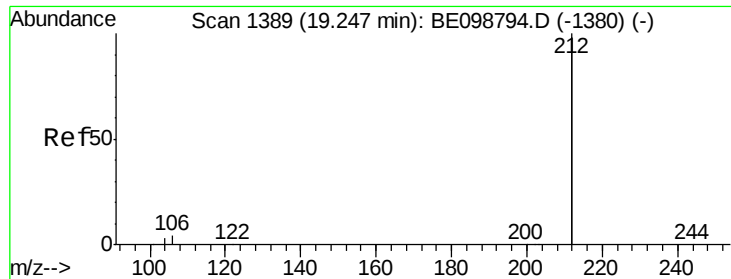
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.365 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099034.D

Acq: 19 Mar 2019 14:19

Instrument :

BNA_E

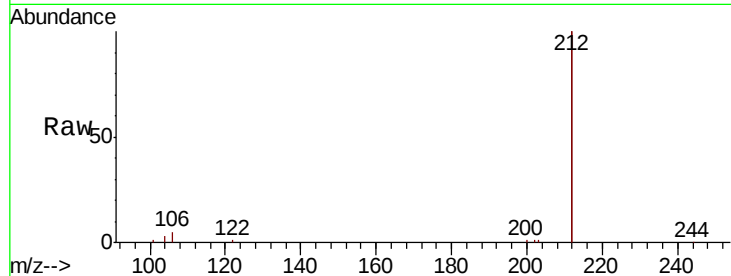
ClientSampleId :

BP-TT-SW4002-20190314MSD

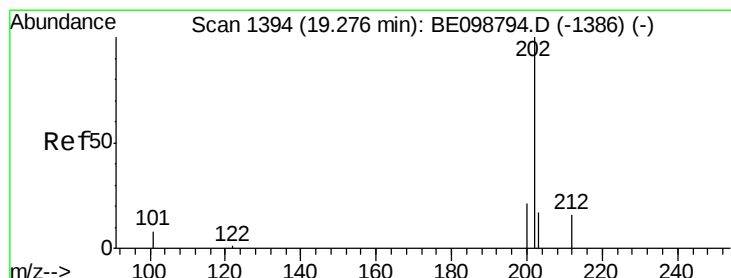
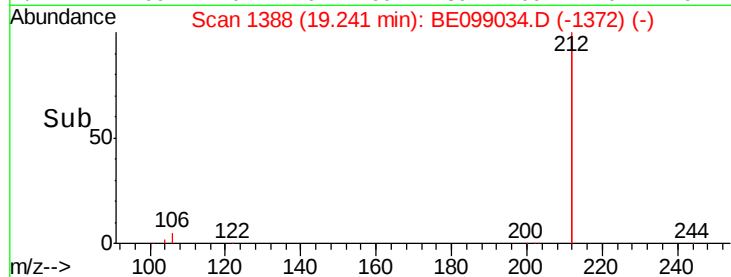
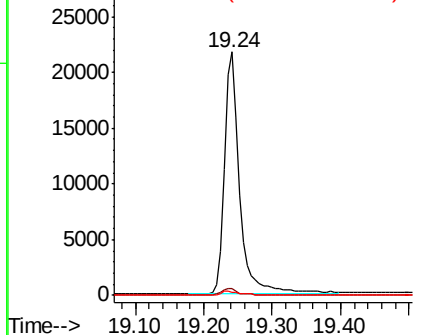
Tot Ion:	212	Resp:	33723
Ion Ratio	Lower	Upper	
212	100		
106	2.4	1.8	2.8
104	1.5	1.0	1.6

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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: 0.347 ng

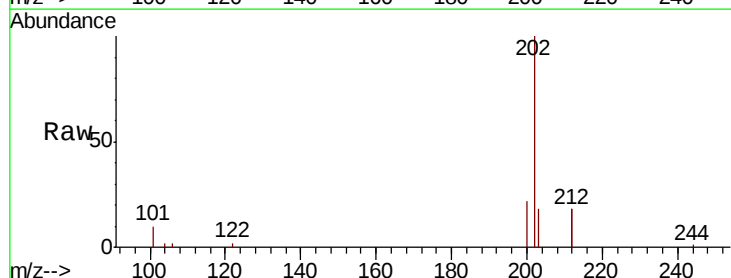
RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

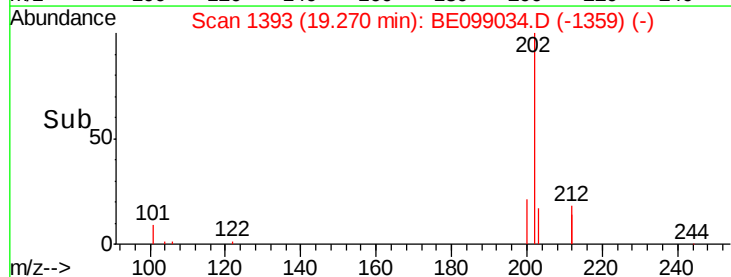
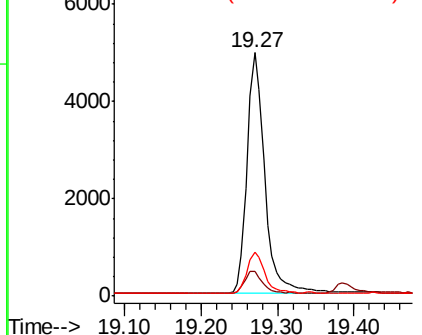
Lab File: BE099034.D

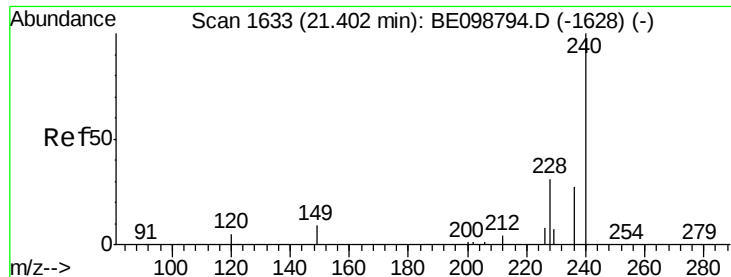
Acq: 19 Mar 2019 14:19

Tgt Ion:	202	Resp:	8052
Ion Ratio	Lower	Upper	
202	100		
101	9.3	7.3	10.9
203	16.9	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





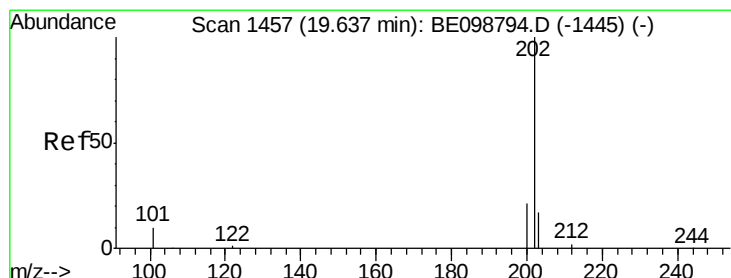
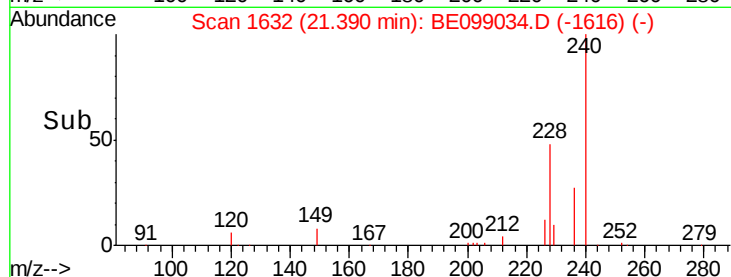
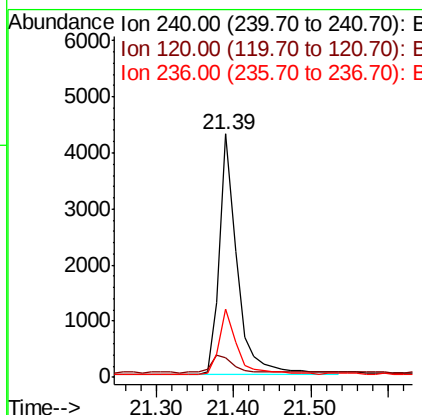
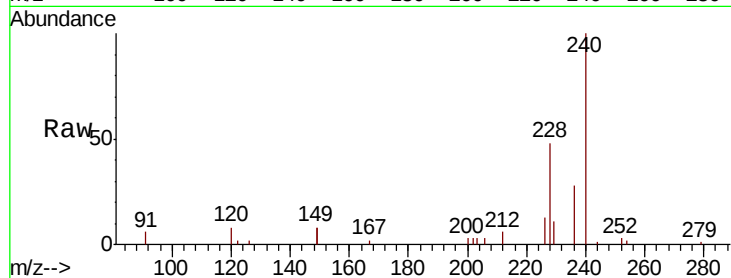
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099034.D
Acq: 19 Mar 2019 14:19

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.1	5.0	7.4#
236	28.0	22.7	34.1

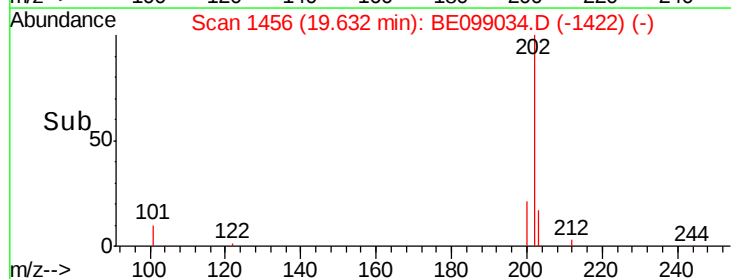
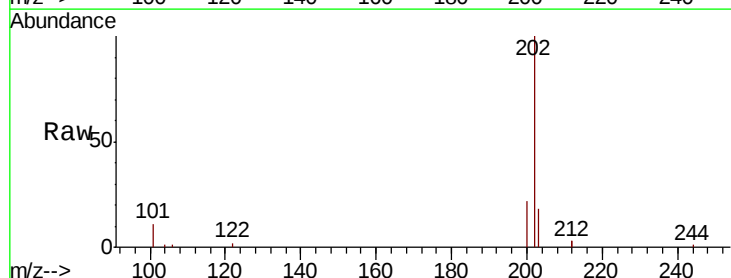
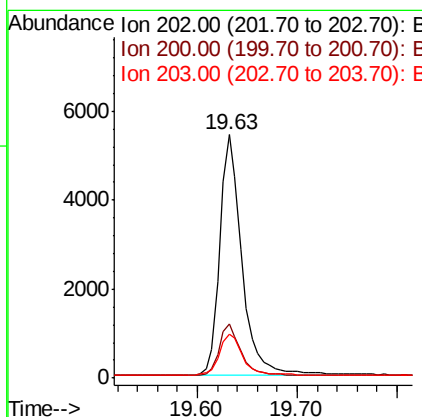
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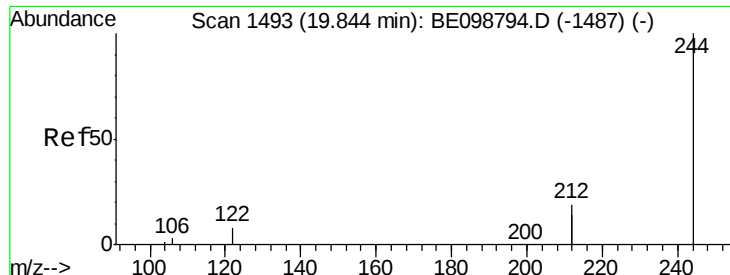
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#28
Pyrene
Concen: 0.396 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE099034.D
Acq: 19 Mar 2019 14:19

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.6
203	17.9	14.2	21.2





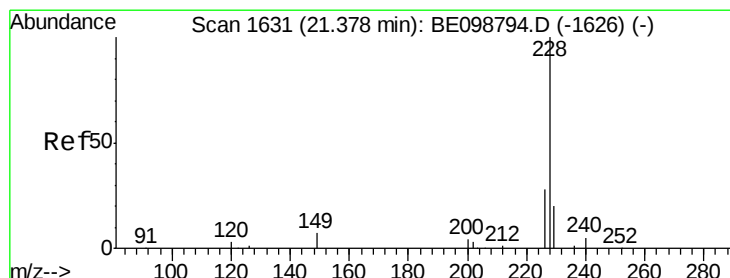
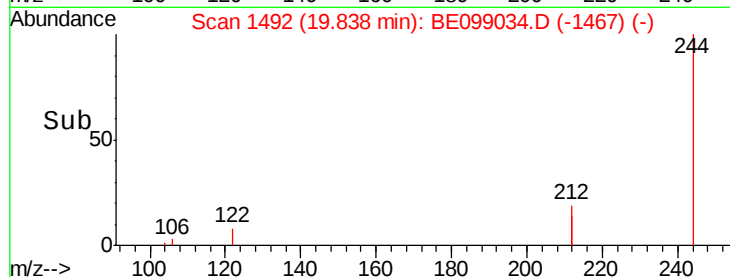
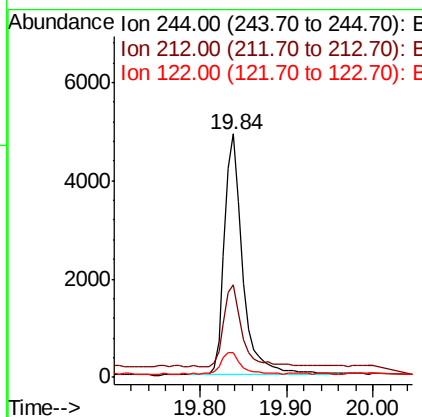
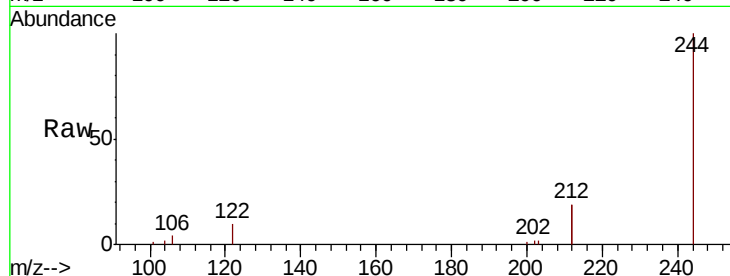
#29
 Terphenyl-d14
 Concen: 0.435 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE099034.D
 Acq: 19 Mar 2019 14:19

Instrument :
 BNA_E
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	37.9	29.4	44.2
122	9.9	7.1	10.7

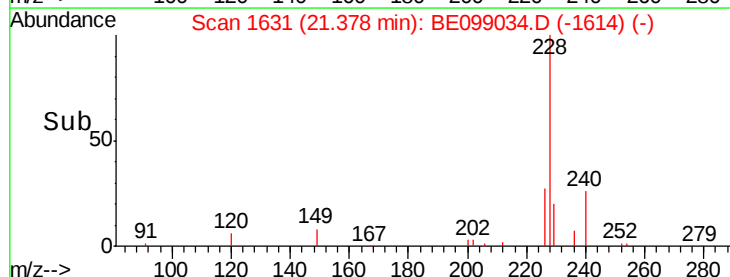
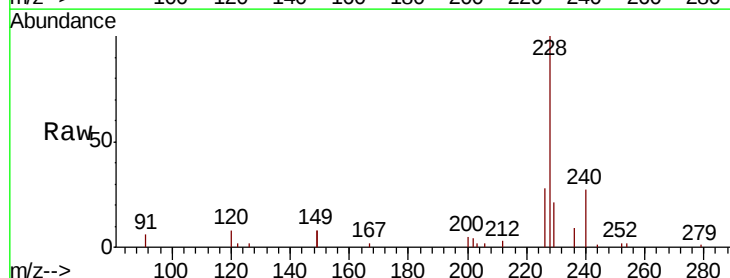
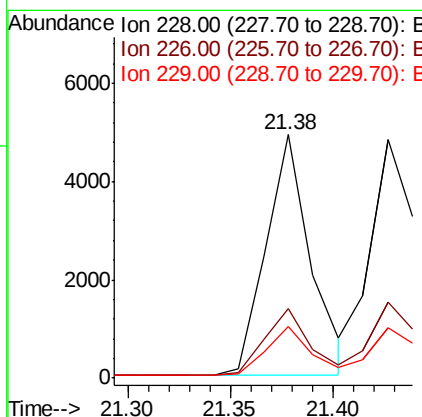
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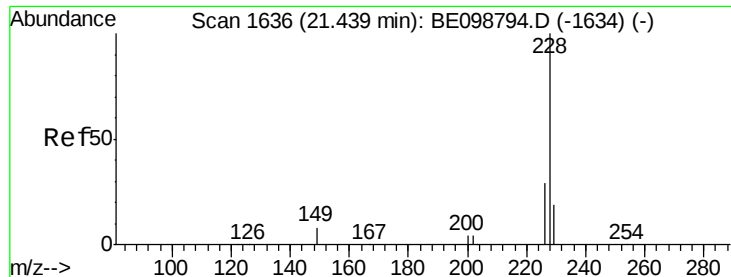
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#30
 Benzo(a)anthracene
 Concen: 0.346 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BE099034.D
 Acq: 19 Mar 2019 14:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.4
229	21.3	16.5	24.7





#31

Chrysene

Concen: 0.355 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE099034.D

Acq: 19 Mar 2019 14:19

Instrument :

BNA_E

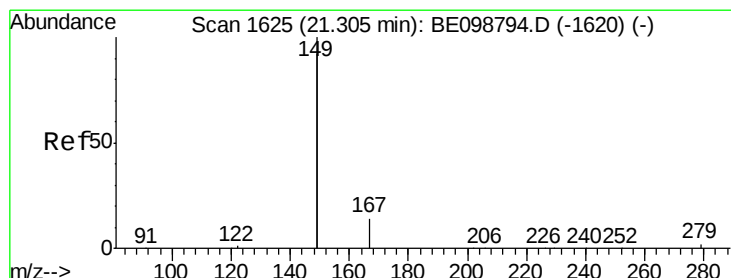
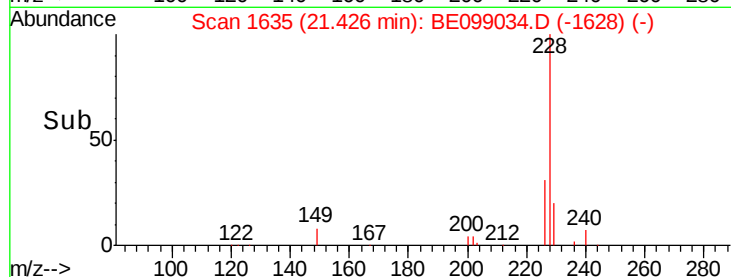
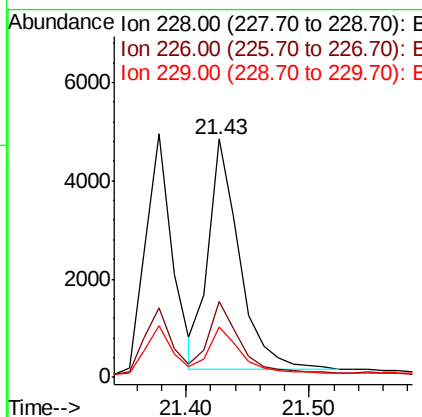
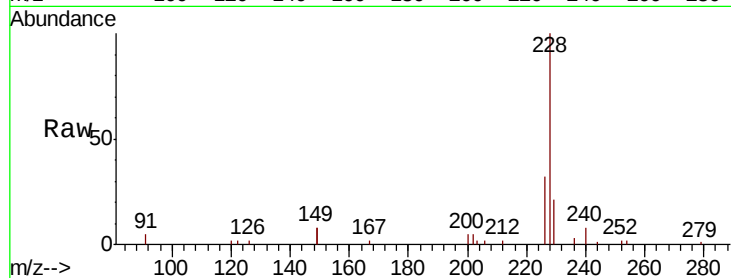
ClientSampleId :

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Tot Ion:	228	Resp:	8174
Ion Ratio	Lower	Upper	
228	100		
226	31.8	23.7	35.5
229	21.3	16.1	24.1

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.476 ng

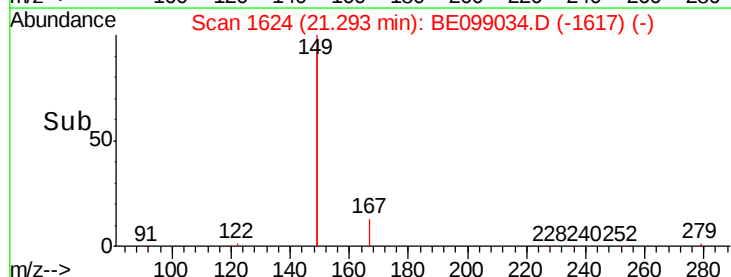
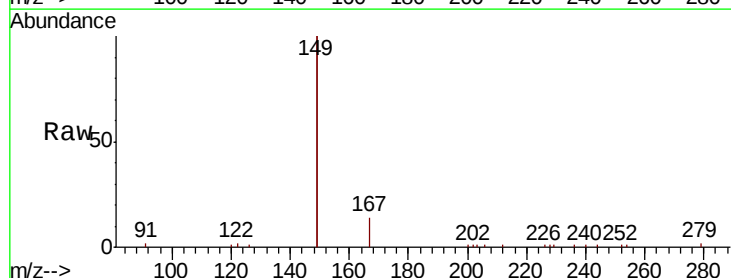
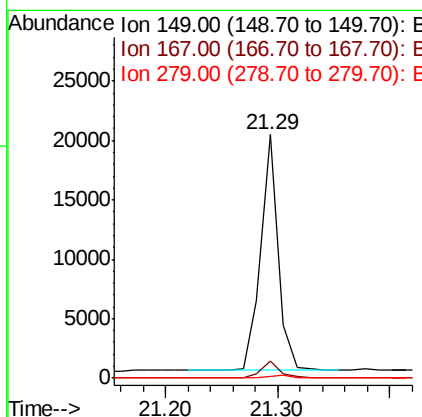
RT: 21.29 min Scan# 1624

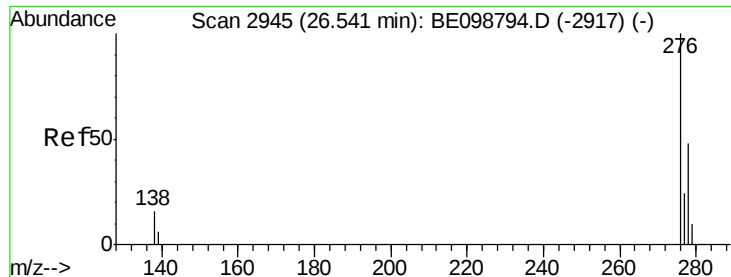
Delta R.T. -0.01 min

Lab File: BE099034.D

Acq: 19 Mar 2019 14:19

Tgt Ion:	149	Resp:	21802
Ion Ratio	Lower	Upper	
149	100		
167	6.9	5.4	8.0
279	1.0	1.0	1.4





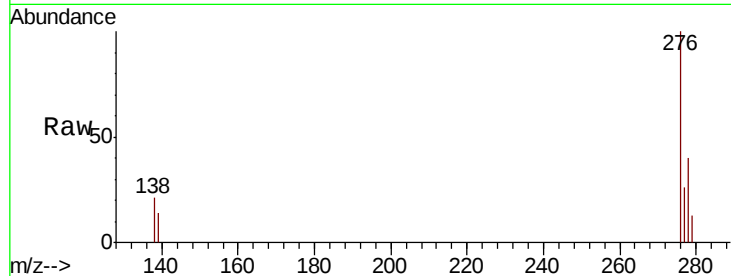
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.305 ng
 RT: 26.53 min Scan# 2942
 Delta R.T. -0.01 min
 Lab File: BE099034.D
 Acq: 19 Mar 2019 14:19

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

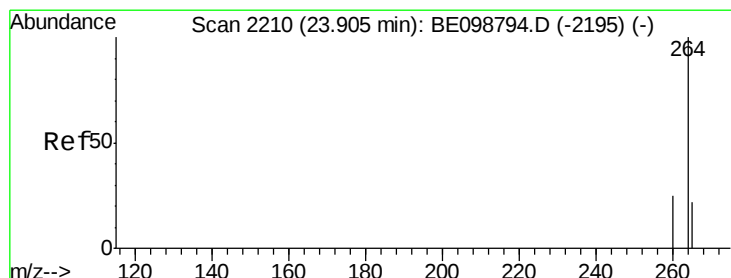
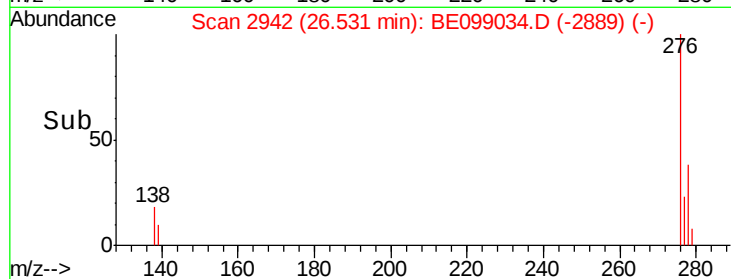
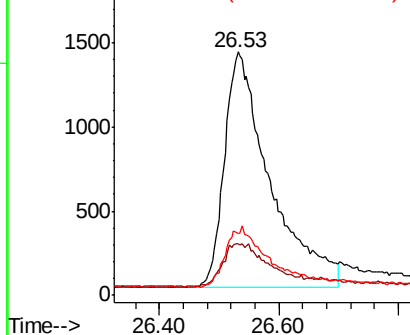
Tot Ion:	276	Resp:	7404
Ion Ratio	Lower	Upper	
276	100		
138	18.1	13.8	20.8
277	23.4	19.5	29.3

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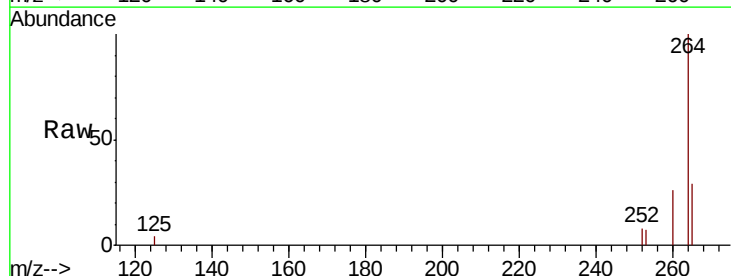


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

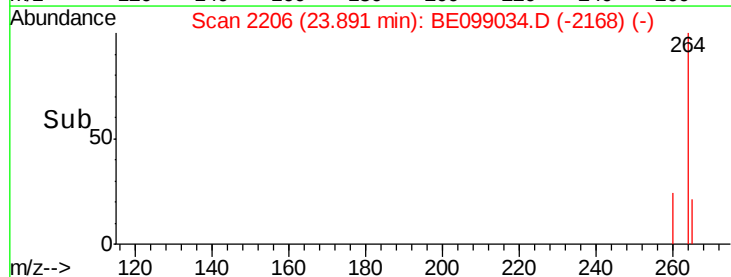
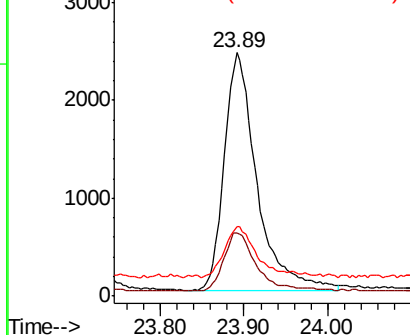


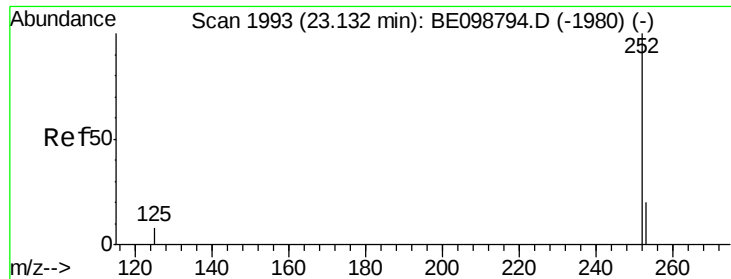
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BE099034.D
 Acq: 19 Mar 2019 14:19

Tgt Ion:	264	Resp:	6567
Ion Ratio	Lower	Upper	
264	100		
260	25.9	21.2	31.8
265	28.7	24.6	36.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.353 ng m

RT: 23.13 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BE099034.D

Acq: 19 Mar 2019 14:19

Instrument :

BNA_E

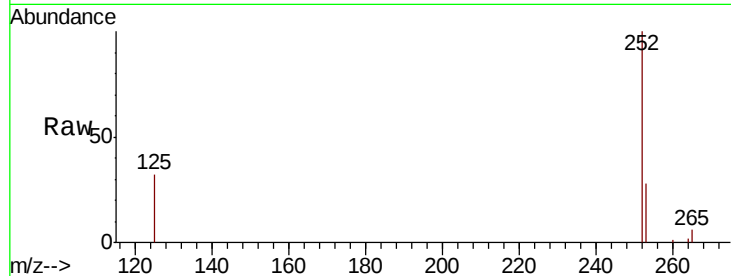
ClientSampleId :

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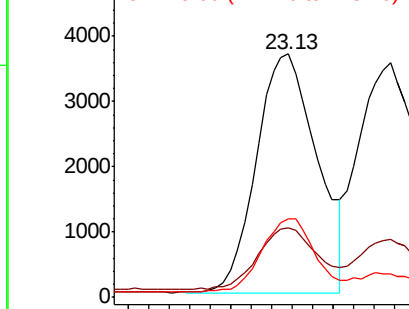
Tot Ion:252	Resp:	7612
Ion Ratio	Lower	Upper
252	100	
253	28.4	18.2 27.2#
125	32.3	7.3 10.9#

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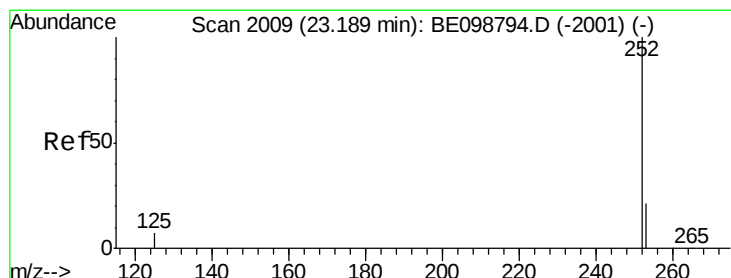
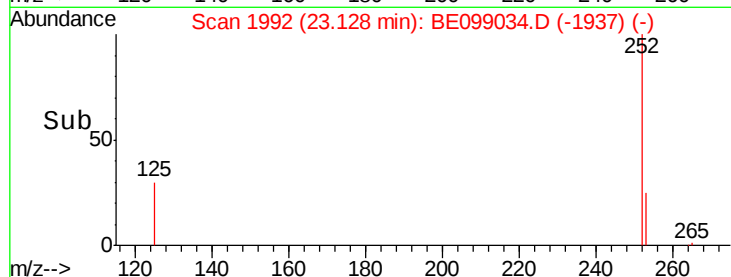
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#36

Benzo(k)fluoranthene

Concen: 0.386 ng

RT: 23.18 min Scan# 2006

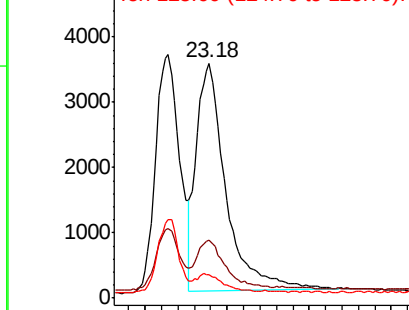
Delta R.T. -0.01 min

Lab File: BE099034.D

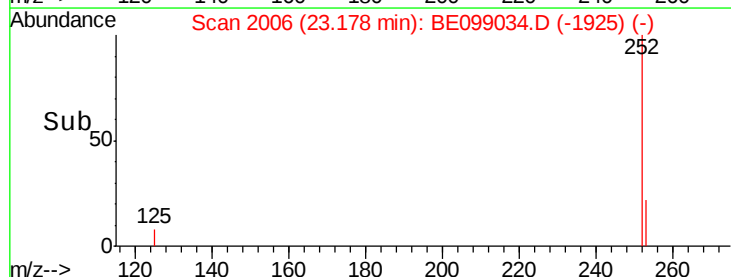
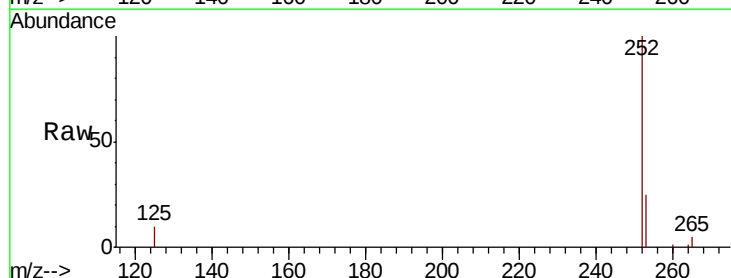
Acq: 19 Mar 2019 14:19

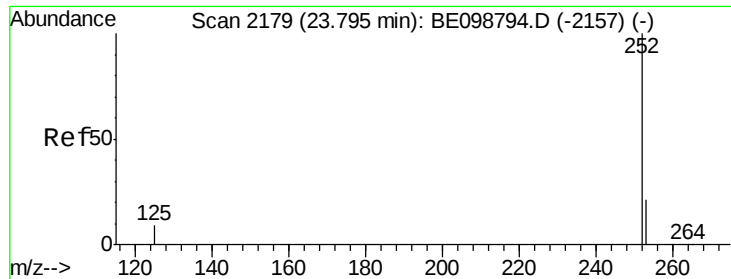
Tgt Ion:252	Resp:	8725
Ion Ratio	Lower	Upper
252	100	
253	24.6	19.3 28.9
125	9.9	7.5 11.3

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



Time-->





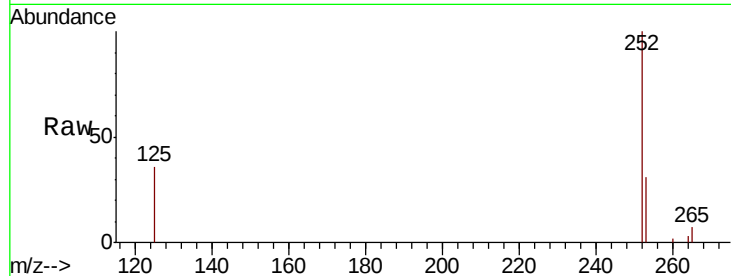
#37
Benzo(a)pyrene
Concen: 0.382 ng
RT: 23.78 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BE099034.D
Acq: 19 Mar 2019 14:19

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	30.5	19.9	29.9#
125	35.9	9.0	13.4#

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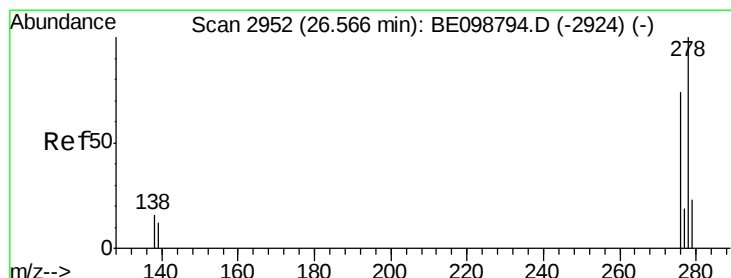
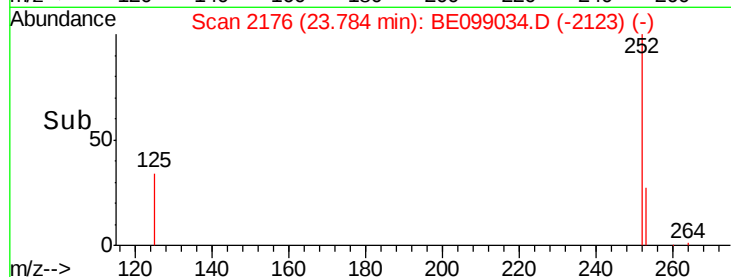
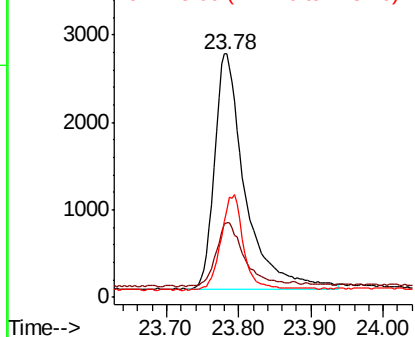


Abundance

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: 0.277 ng
RT: 26.56 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BE099034.D
Acq: 19 Mar 2019 14:19

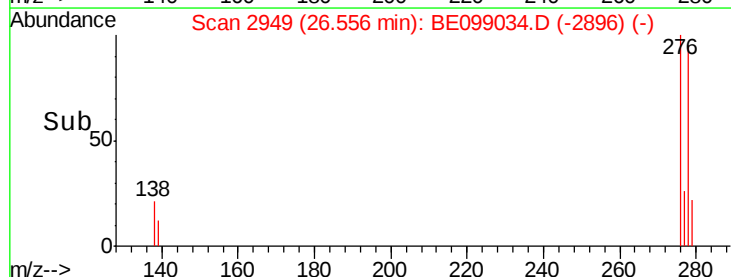
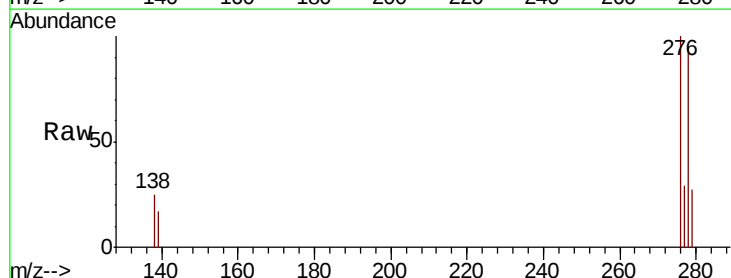
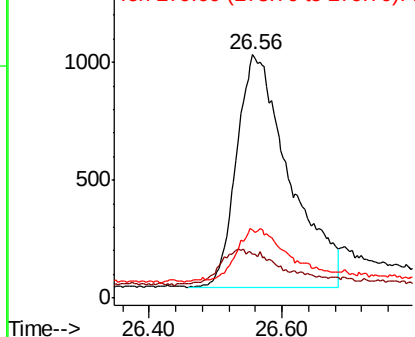
Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	11.8	17.6#
279	28.1	21.1	31.7

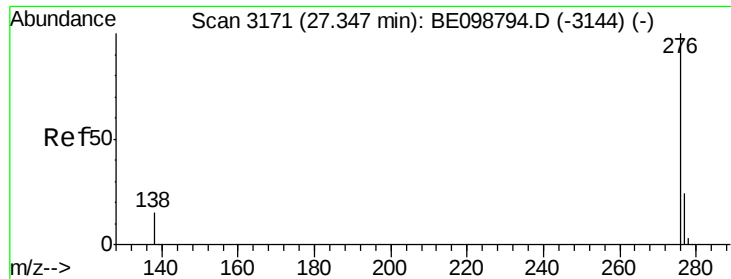
Abundance

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: 0.326 ng

RT: 27.34 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BE099034.D

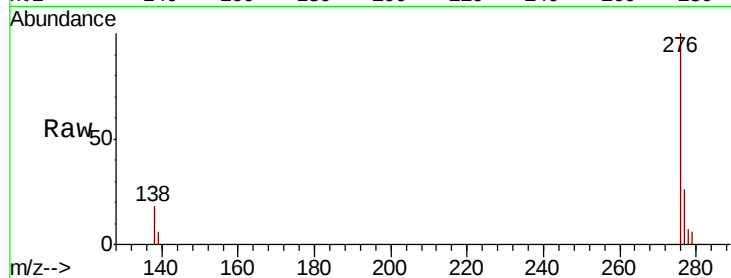
Acq: 19 Mar 2019 14:19

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20190314MSD



Tot Ion:	276	Resp:	6673
Ion Ratio	Lower	Upper	
276	100		
277	26.0	20.4	30.6
138	18.5	13.6	20.4

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