

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092518\
 Data File : BE097671.D
 Acq On : 25 Sep 2018 23:24
 Operator : SJ/JU
 Sample : J5033-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4004-20180918

Manual Integrations
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Sohil
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Quant Time: Sep 26 08:36:00 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 24 18:40:34 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	849	0.40	ng	-0.01
7) Naphthalene-d8	10.12	136	4570	0.40	ng	-0.01
13) Acenaphthene-d10	13.99	164	3375	0.40	ng	-0.01
19) Phenanthrene-d10	16.74	188	9639	0.40	ng	-0.01
27) Chrysene-d12	20.96	240	11059	0.40	ng	-0.01
34) Perylene-d12	23.19	264	9998	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.05	112	517	0.23	ng	0.00
5) Phenol-d6	6.58	99	496	0.16	ng	-0.04
8) Nitrobenzene-d5	8.51	82	1614	0.55	ng	-0.04
11) 2-Methylnaphthalene-d10	11.70	152	2996	0.44	ng	-0.02
14) 2,4,6-Tribromophenol	15.49	330	934	0.64	ng	-0.04
15) 2-Fluorobiphenyl	12.61	172	5098	0.46	ng	-0.02
25) Fluoranthene-d10	18.79	212	48497	0.46	ng	-0.02
29) Terphenyl-d14	19.41	244	9071	0.42	ng	-0.01

Target Compounds

						Qvalue
16) Acenaphthylene	13.70	152	473	0.035	ng	# 64
22) Pentachlorophenol	16.42	266	278	0.306	ng	# 81
23) Phenanthrene	16.79	178	23445	1.028	ng	97
24) Anthracene	16.88	178	6457	0.341	ng	# 71
26) Fluoranthene	18.82	202	37408	1.368	ng	98
28) Pyrene	19.18	202	40969	1.419	ng	97
30) Benzo(a)anthracene	20.94	228	4482m	0.172	ng	
31) Chrysene	20.99	228	26205m	0.857	ng	
32) Bis(2-ethylhexyl)phthalate	20.89	149	20763	0.696	ng	# 100
33) Indeno(1,2,3-cd)pyrene	25.48	276	7359	0.228	ng	# 91
35) Benzo(b)fluoranthene	22.52	252	20875	0.817	ng	# 94
36) Benzo(k)fluoranthene	22.56	252	5601m	0.185	ng	
37) Benzo(a)pyrene	23.09	252	4442	0.176	ng	# 61
39) Benzo(g,h,i)perylene	26.18	276	11723	0.444	ng	# 91

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

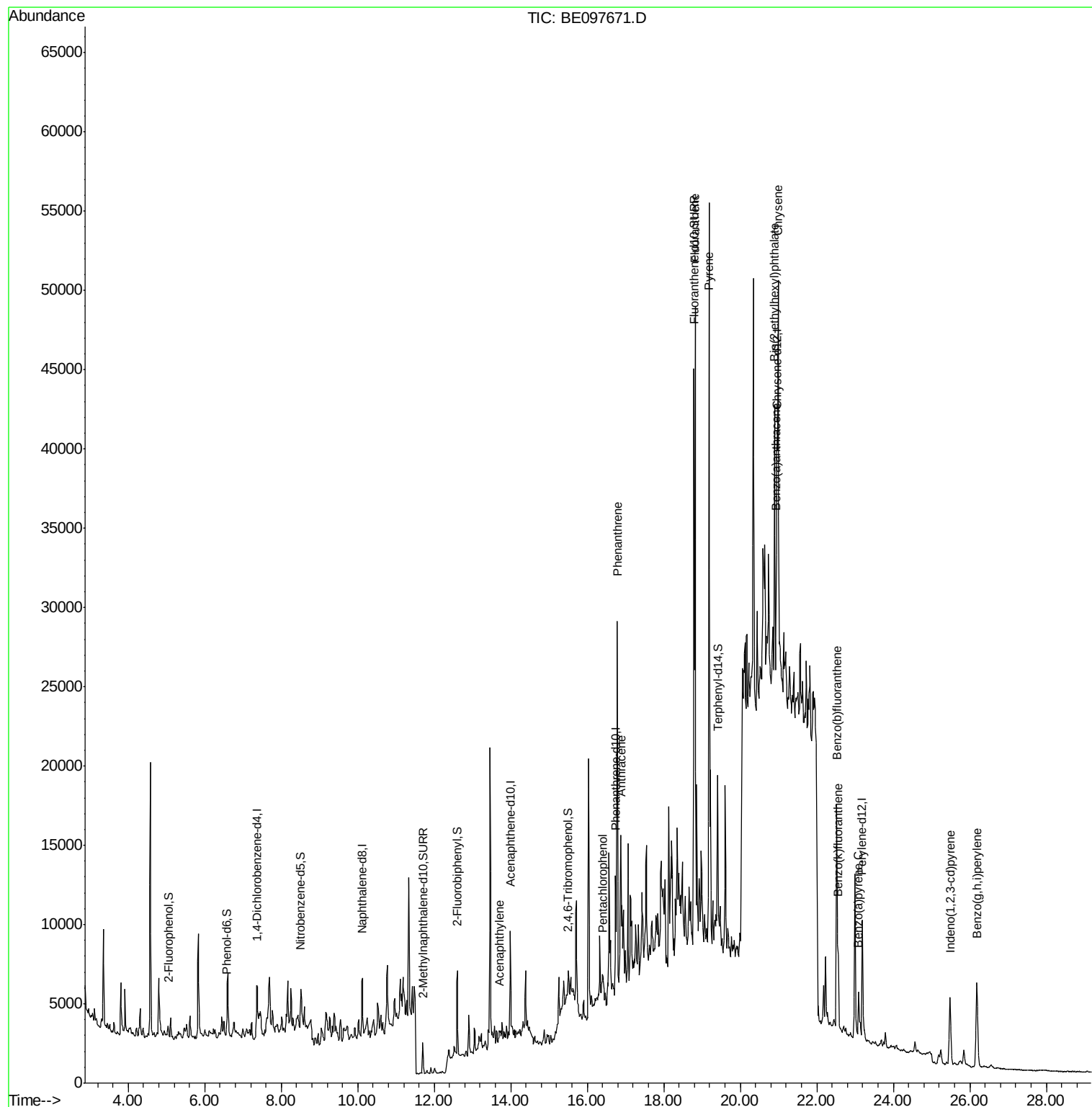
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092518\
Data File : BE097671.D
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Sample : J5033-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

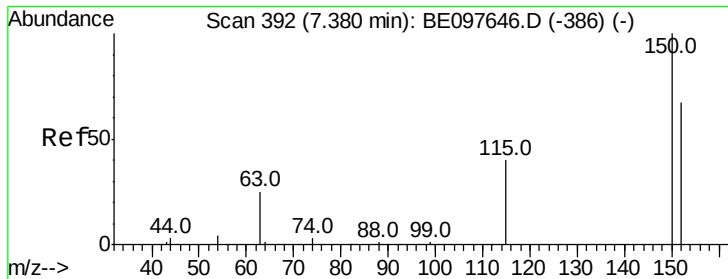
Instrument :
BNA_E
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BP-TT-SW4004-20180918

Quant Time: Sep 26 08:36:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

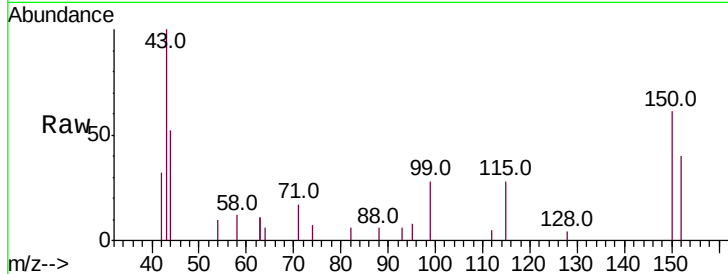
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4004-20180918

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	117.2	175.8
115	70.2	57.0	85.6

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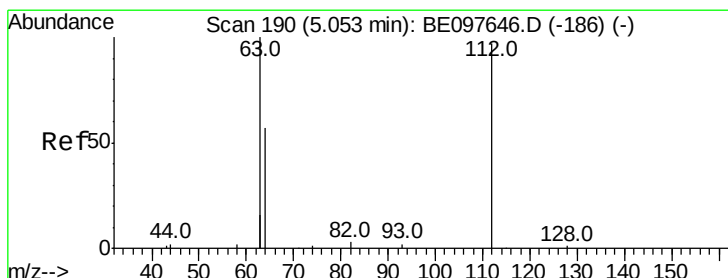
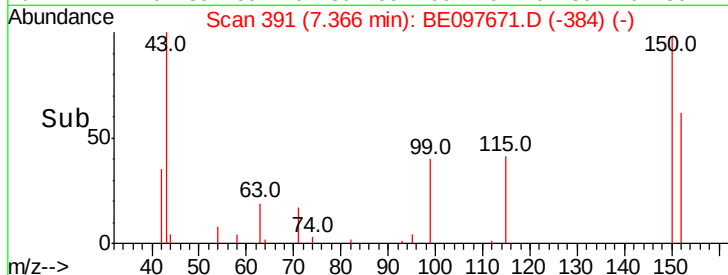
Abundance

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

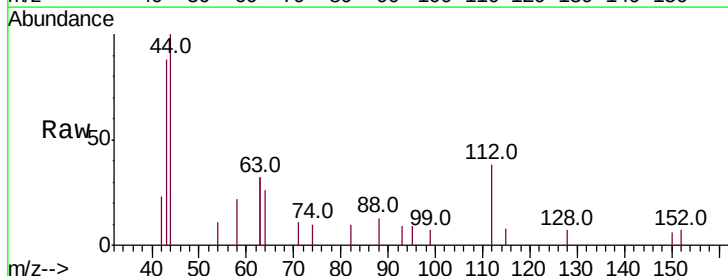
Time-->



#4

2-Fluorophenol
Concen: 0.231 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	60.1	90.1
63	158.8	116.8	175.2



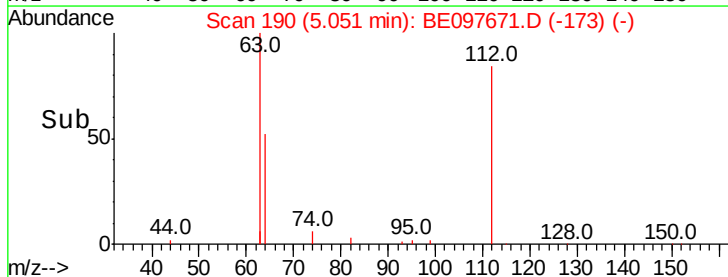
Abundance

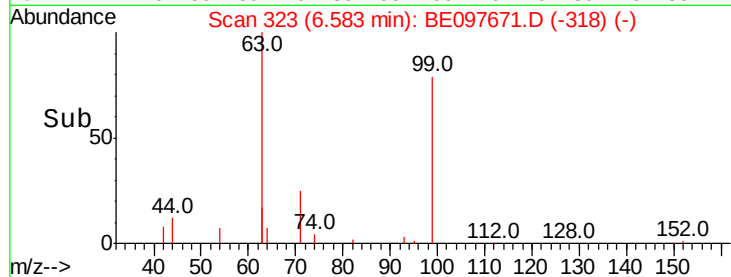
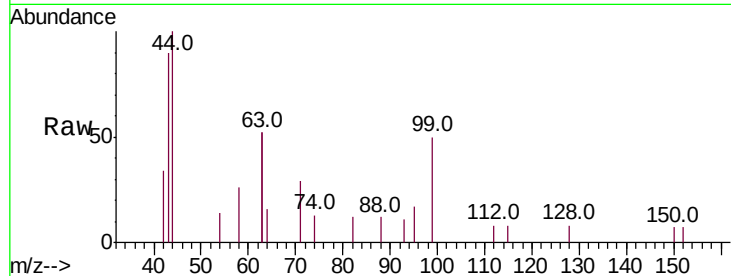
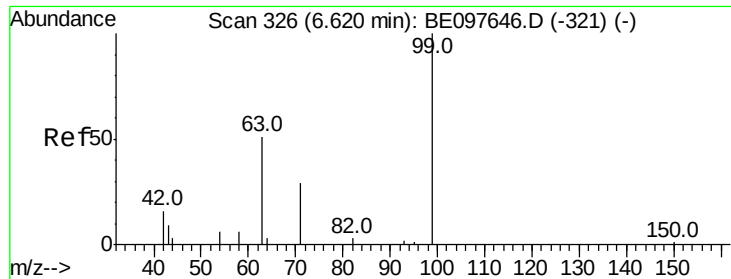
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->





#5

Phenol-d6

Concen: 0.157 ng

RT: 6.58 min Scan# 323

Delta R.T. -0.04 min

Lab File: BE097671.D

Acq: 25 Sep 2018 23:24

Tot Ion	Ratio	Lower	Upper
99	100		
42	52.0	20.2	30.2#
71	43.1	28.4	42.6#

Instrument :

BNA_E

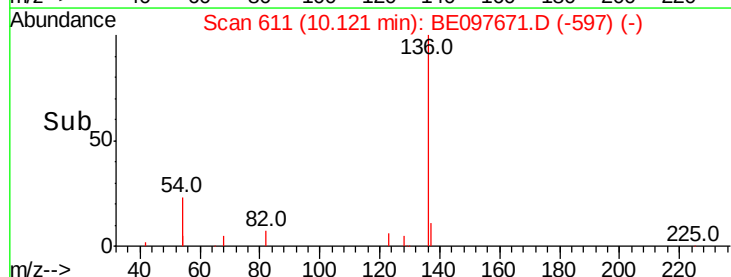
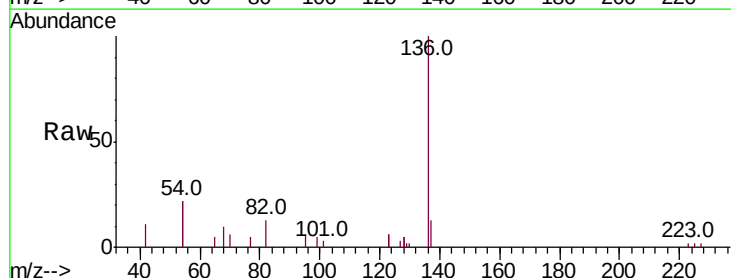
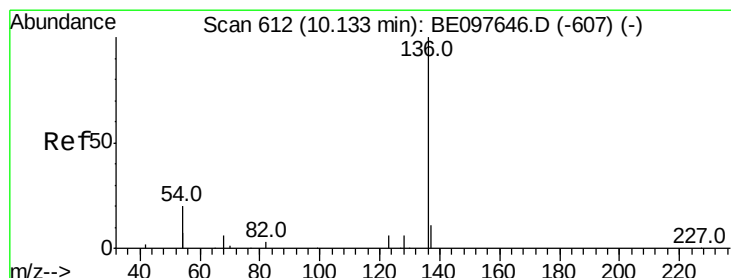
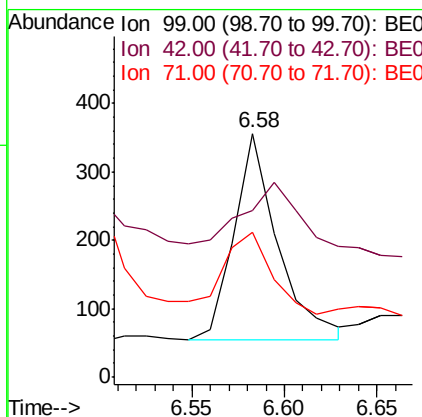
ClientSampleId :

BP-TT-SW4004-20180918

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#7

Naphthalene-d8

Concen: 0.400 ng

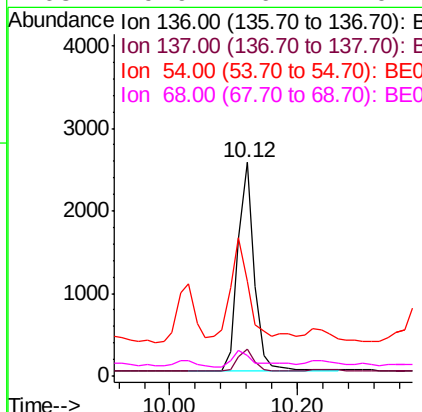
RT: 10.12 min Scan# 611

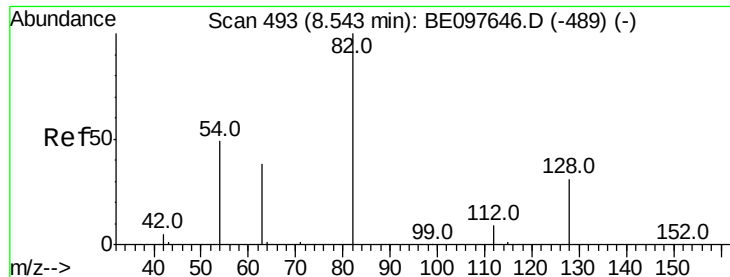
Delta R.T. -0.01 min

Lab File: BE097671.D

Acq: 25 Sep 2018 23:24

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.5	14.3
54	44.2	29.1	43.7#
68	9.9	6.2	9.2#





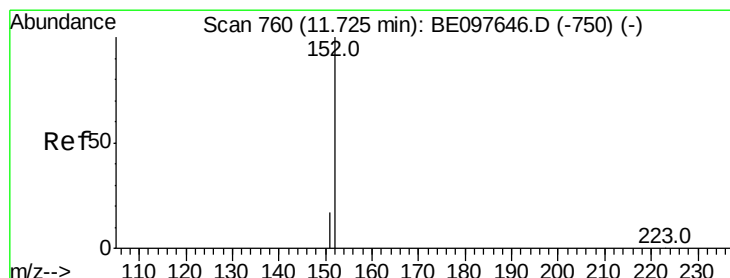
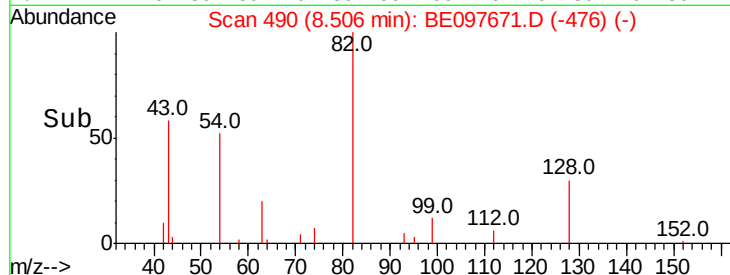
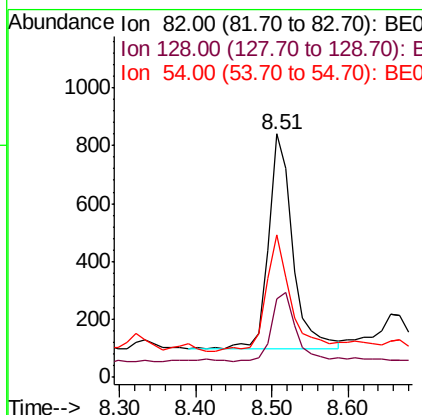
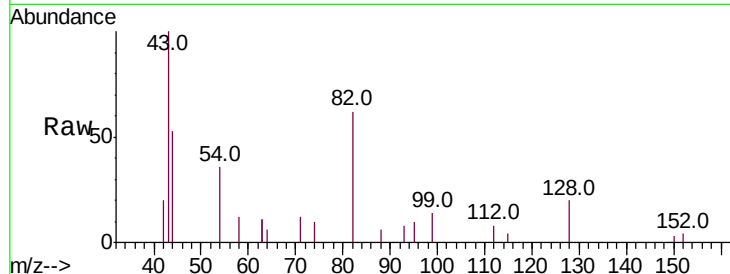
#8
 Nitrobenzene-d5
 Concen: 0.550 ng
 RT: 8.51 min Scan# 490
 Delta R.T. -0.04 min
 Lab File: BE097671.D
 Acq: 25 Sep 2018 23:24

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4004-20180918

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.5	24.0	36.0
54	58.6	40.0	60.0

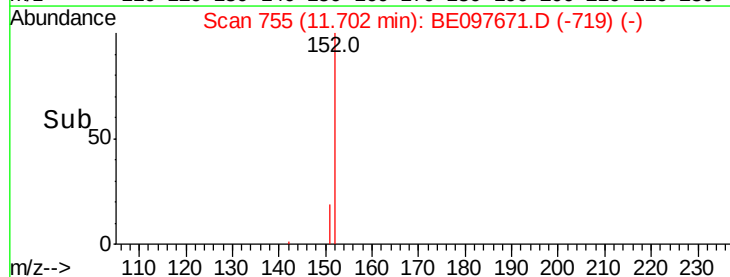
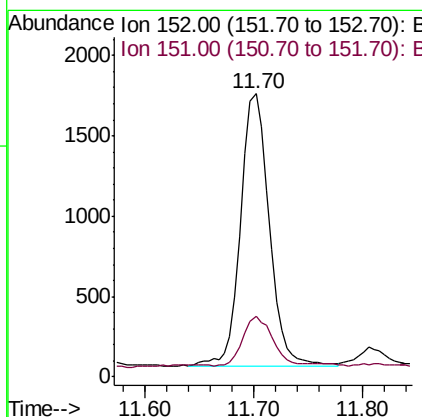
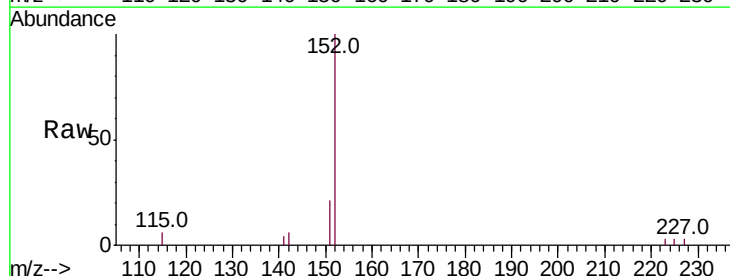
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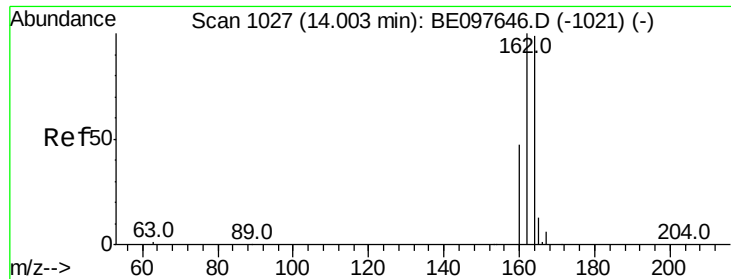
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#11
 2-Methylnaphthalene-d10
 Concen: 0.443 ng
 RT: 11.70 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BE097671.D
 Acq: 25 Sep 2018 23:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.4	23.0





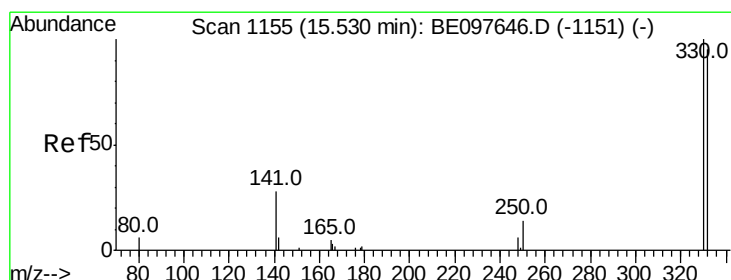
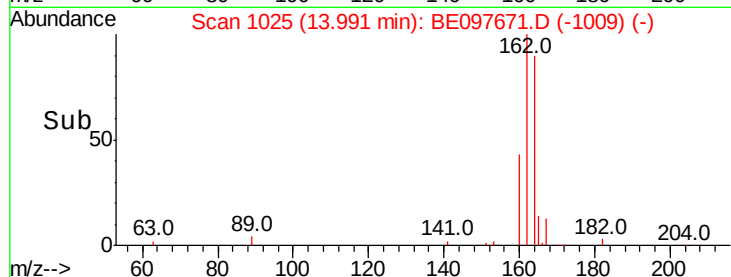
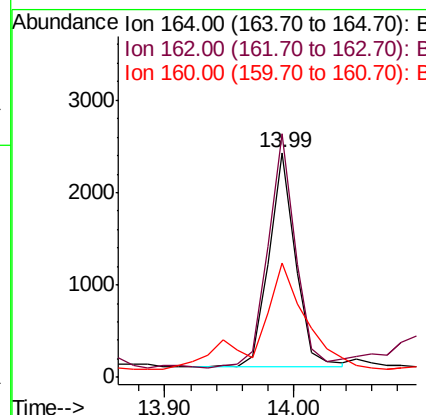
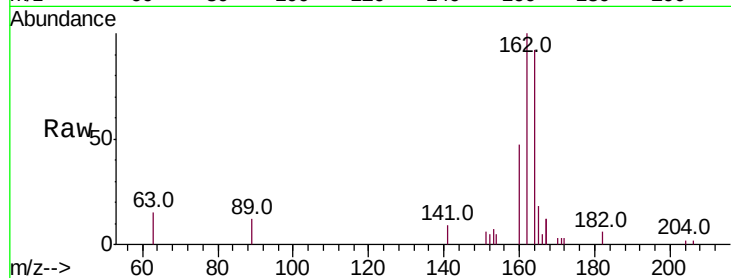
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 13.99 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE097671.D
 Acq: 25 Sep 2018 23:24

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4004-20180918

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.5	83.1	124.7
160	50.7	37.1	55.7

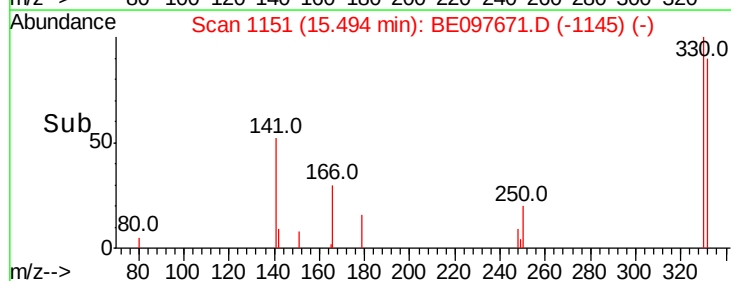
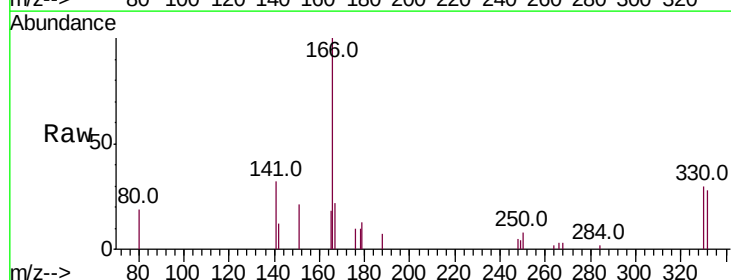
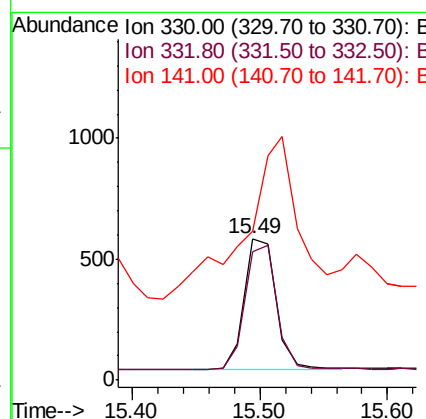
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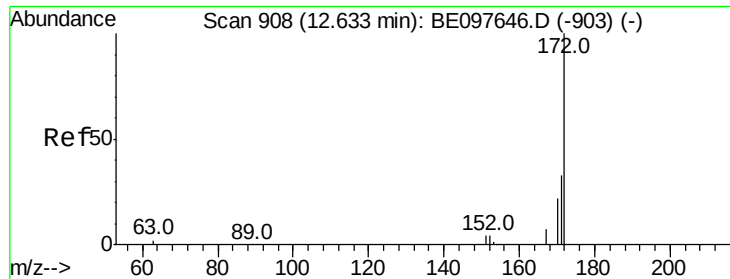
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#14
 2,4,6-Tribromophenol
 Concen: 0.637 ng
 RT: 15.49 min Scan# 1151
 Delta R.T. -0.04 min
 Lab File: BE097671.D
 Acq: 25 Sep 2018 23:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	152.7	229.1#
141	0.0	33.7	50.5#





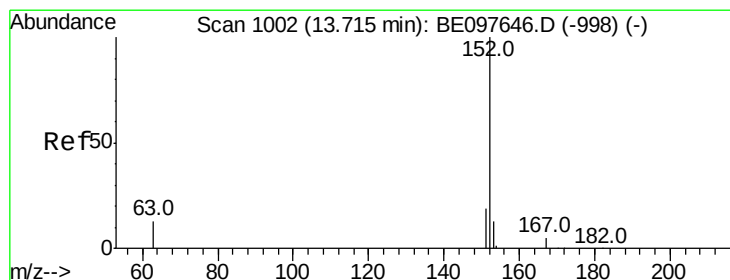
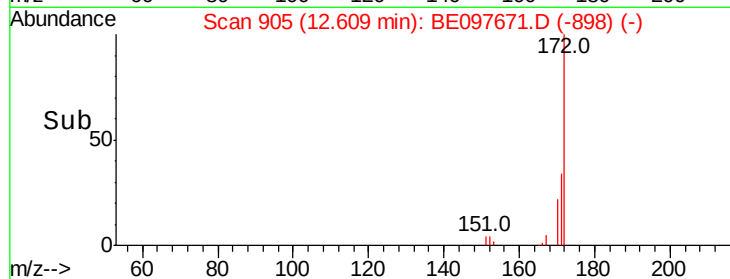
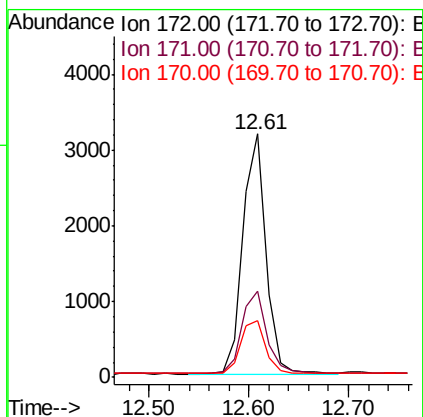
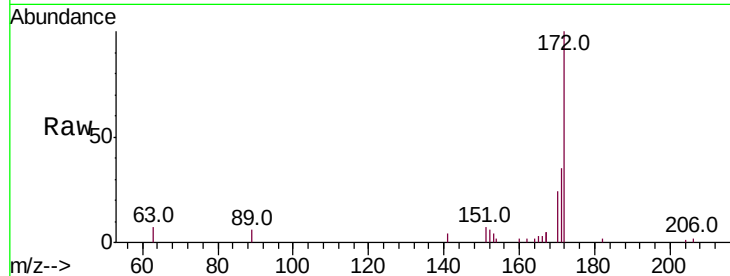
#15
2-Fluorobiphenyl
Concen: 0.463 ng
RT: 12.61 min Scan# 905
Delta R.T. -0.02 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4004-20180918

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.9	44.9
170	23.5	21.8	32.8

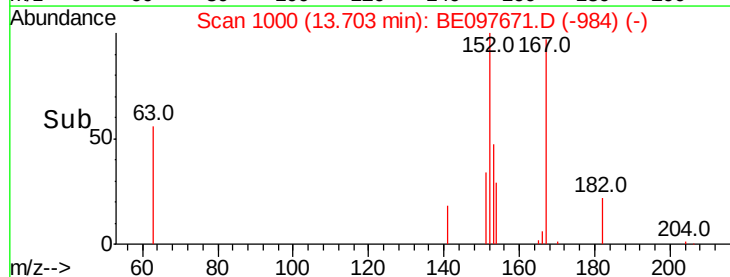
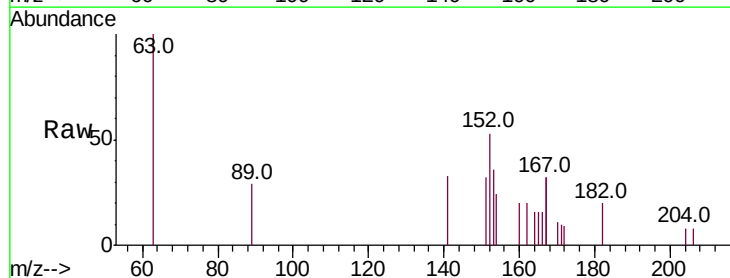
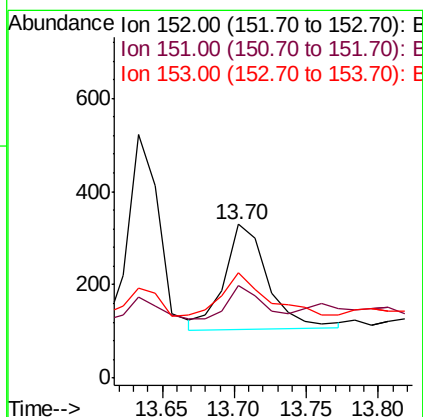
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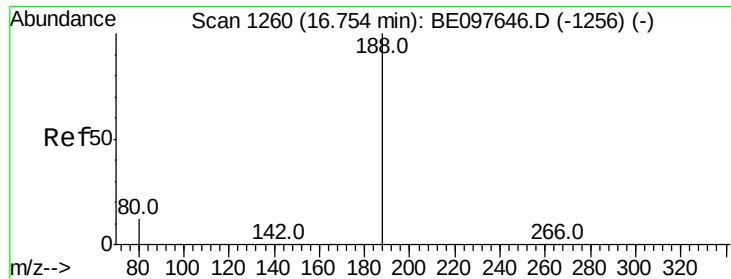
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#16
Acenaphthylene
Concen: 0.035 ng
RT: 13.70 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.5	15.7	23.5#
153	42.7	10.5	15.7#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.74 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BE097671.D

Acq: 25 Sep 2018 23:24

Instrument :

BNA_E

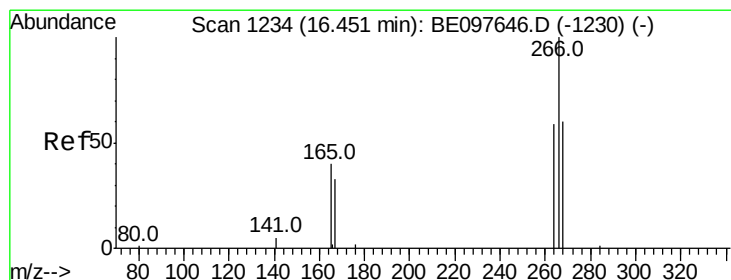
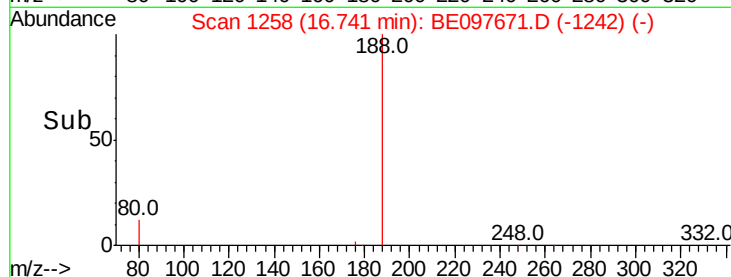
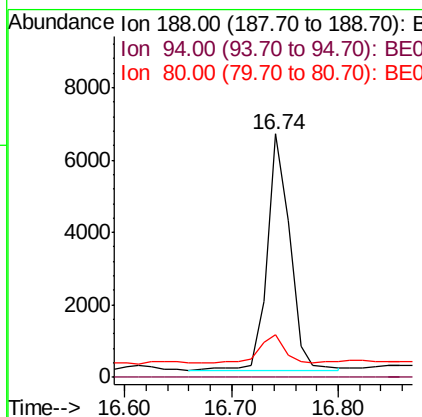
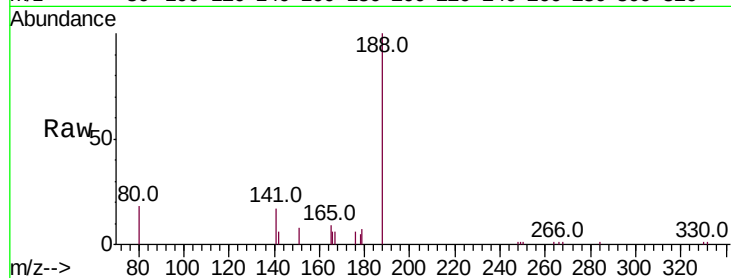
ClientSampleId :

BP-TT-SW4004-20180918

Tot Ion:	188	Resp:	9639
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	17.7	3.6	5.4#

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#22

Pentachlorophenol

Concen: 0.306 ng

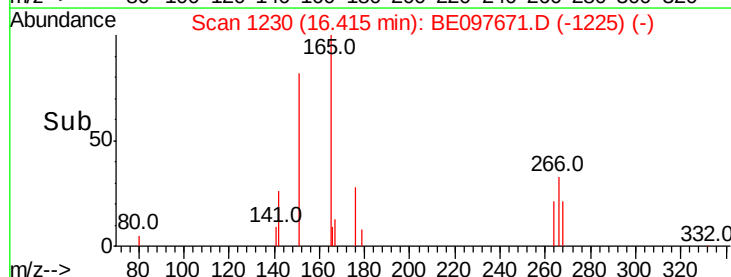
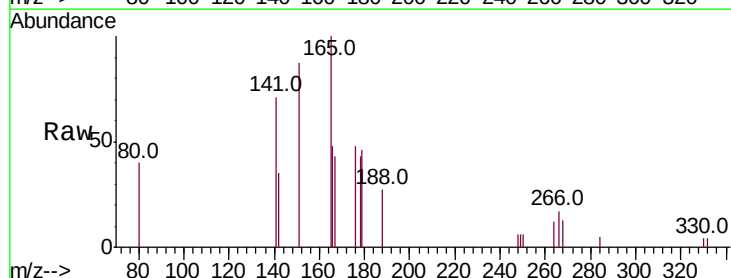
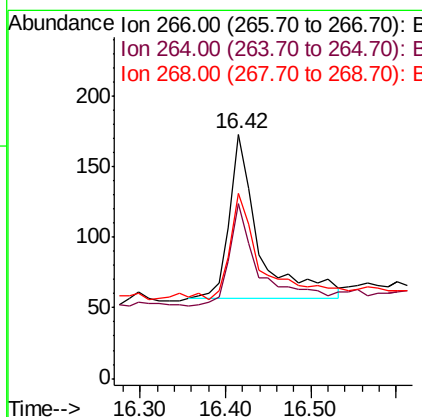
RT: 16.42 min Scan# 1230

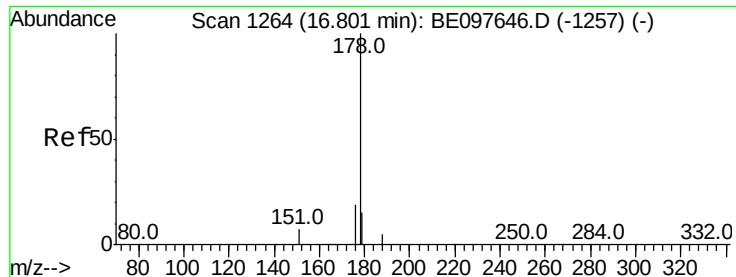
Delta R.T. -0.04 min

Lab File: BE097671.D

Acq: 25 Sep 2018 23:24

Tgt Ion:	266	Resp:	278
Ion Ratio	Lower	Upper	
266	100		
264	71.7	72.5	108.7#
268	75.7	73.8	110.6





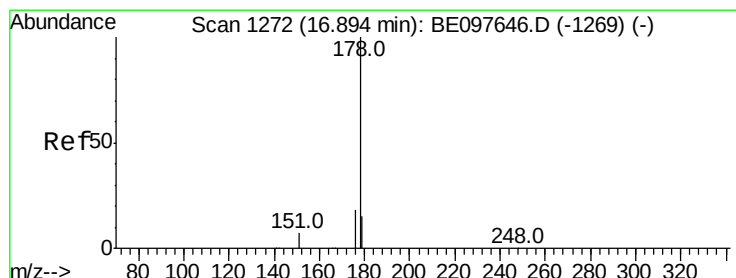
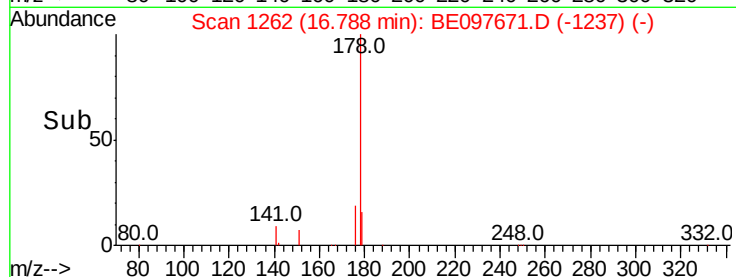
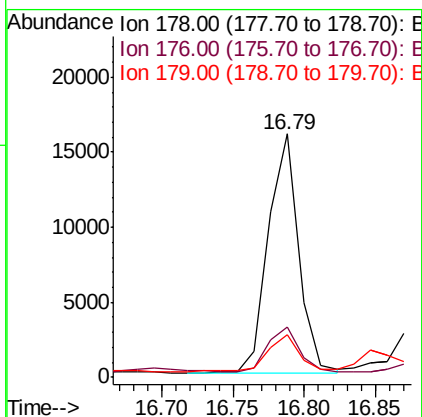
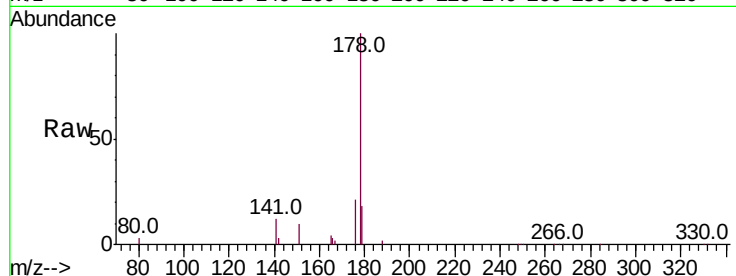
#23
Phenanthrene
Concen: 1.028 ng
RT: 16.79 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4004-20180918

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	16.2	11.8	17.6

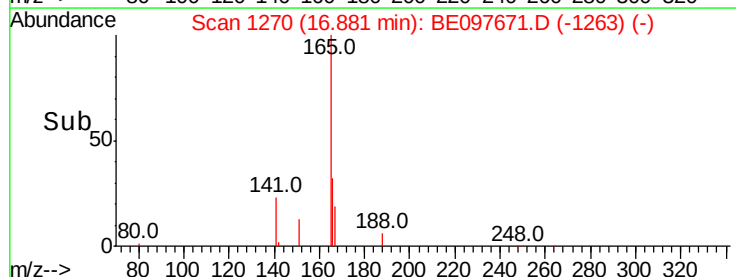
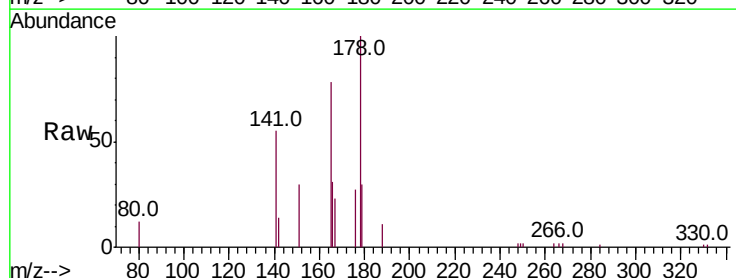
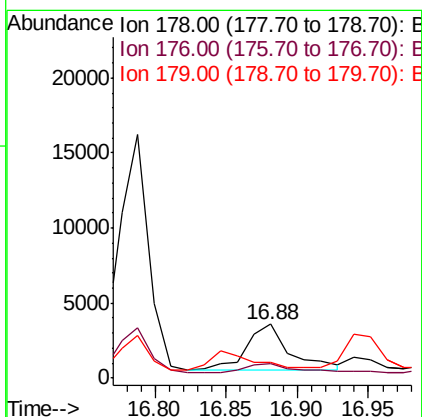
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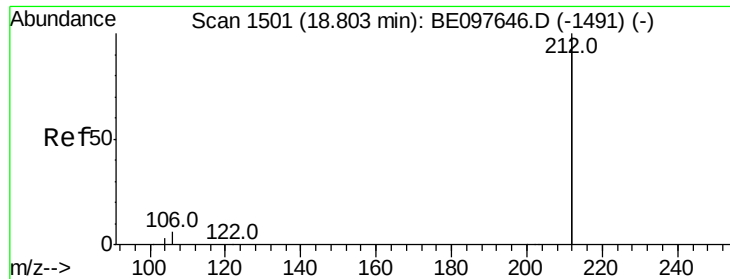
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#24
Anthracene
Concen: 0.341 ng
RT: 16.88 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.9	12.8	19.2#
179	0.0	13.0	19.6#





#25

Fluoranthene-d10

Concen: 0.461 ng

RT: 18.79 min Scan# 1498

Delta R.T. -0.02 min

Lab File: BE097671.D

Acq: 25 Sep 2018 23:24

Instrument :

BNA_E

ClientSampleId :

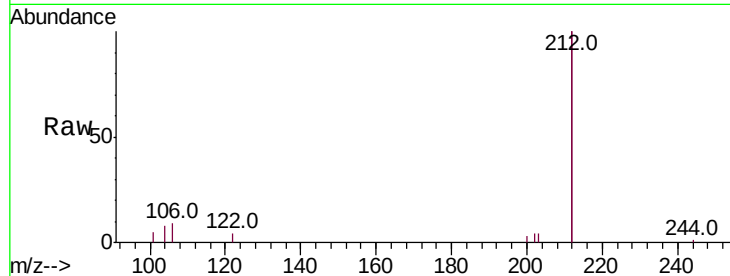
BP-TT-SW4004-20180918

Tot Ion:	212	Resp:	48497
Ion Ratio	Lower	Upper	
212	100		
106	3.6	2.8	4.2
104	3.1	1.6	2.4

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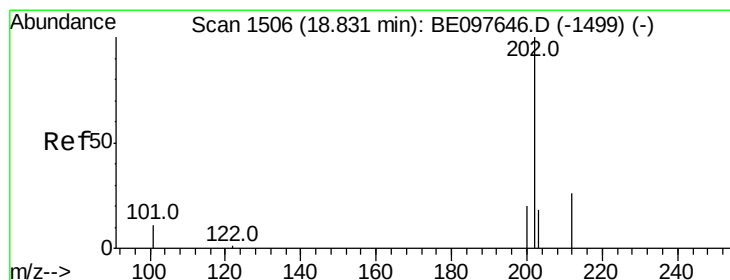
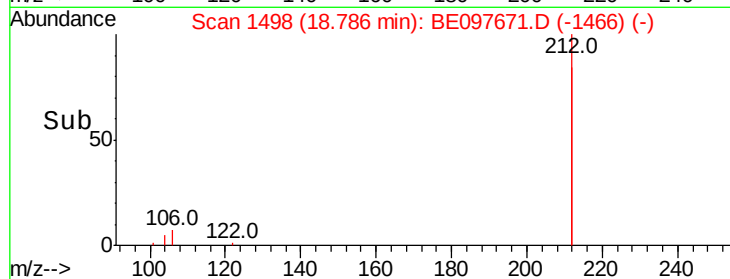
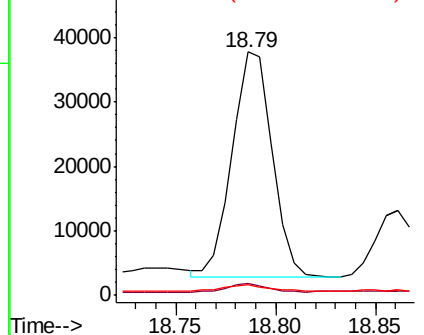
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Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 1.368 ng

RT: 18.82 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BE097671.D

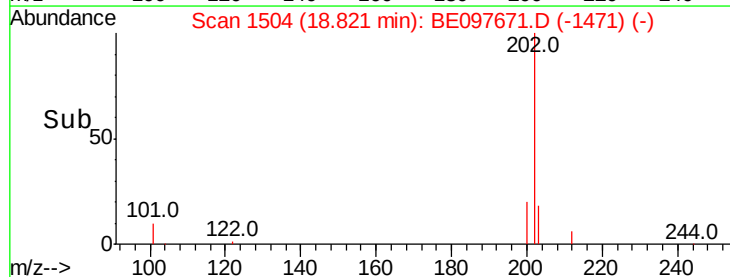
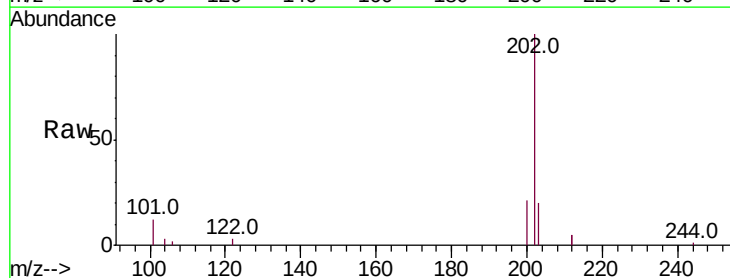
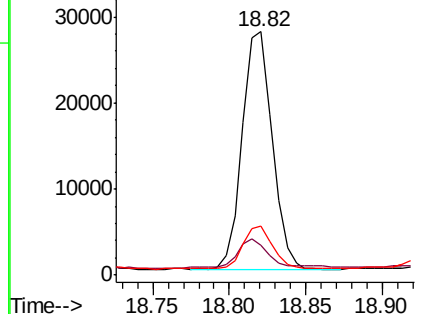
Acq: 25 Sep 2018 23:24

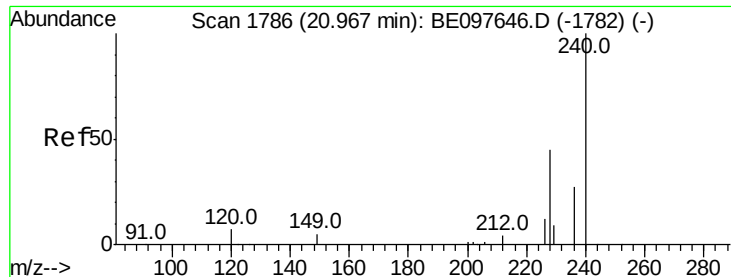
Tgt Ion:	202	Resp:	37408
Ion Ratio	Lower	Upper	
202	100		
101	13.1	9.8	14.8
203	17.6	13.7	20.5

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: 20.96 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BE097671.D

Acq: 25 Sep 2018 23:24

Instrument :

BNA_E

ClientSampleId :

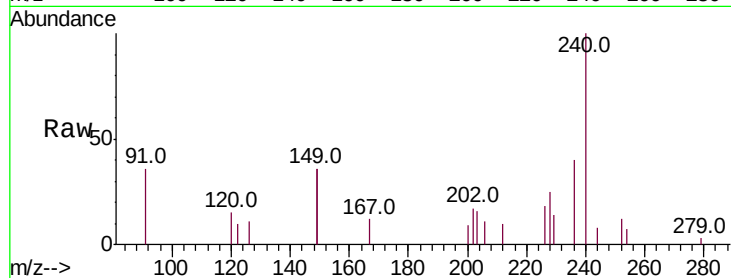
BP-TT-SW4004-20180918

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.5	8.3#
236	40.0	20.7	31.1#

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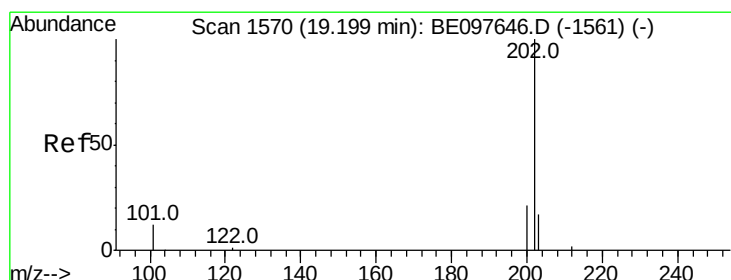
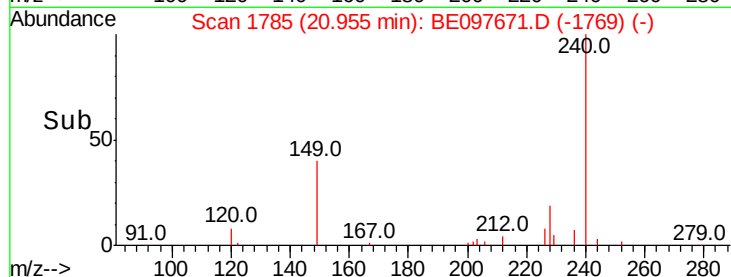
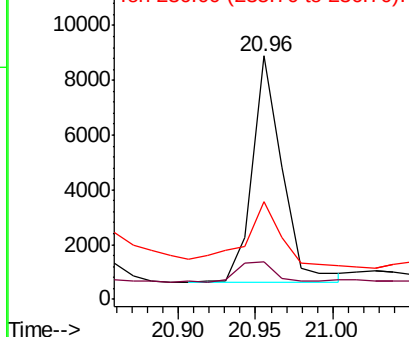


Abundance

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: 1.419 ng

RT: 19.18 min Scan# 1567

Delta R.T. -0.02 min

Lab File: BE097671.D

Acq: 25 Sep 2018 23:24

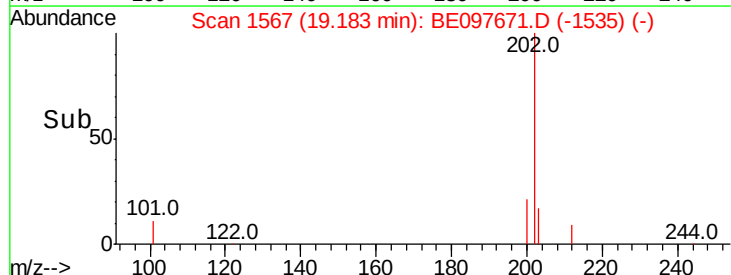
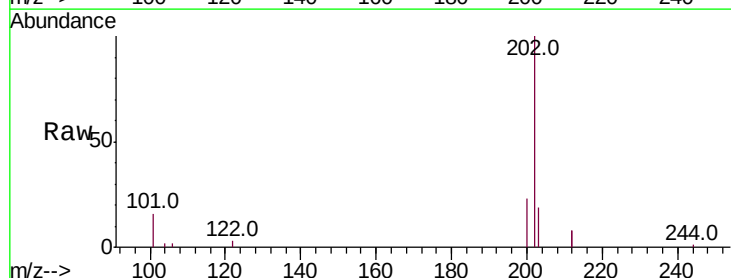
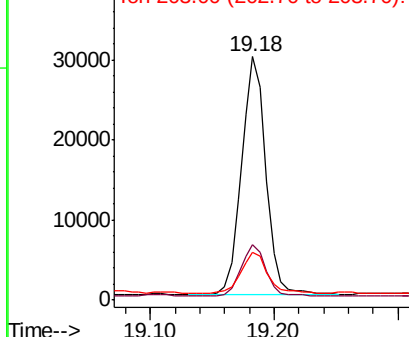
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.6	25.0
203	19.3	13.8	20.8

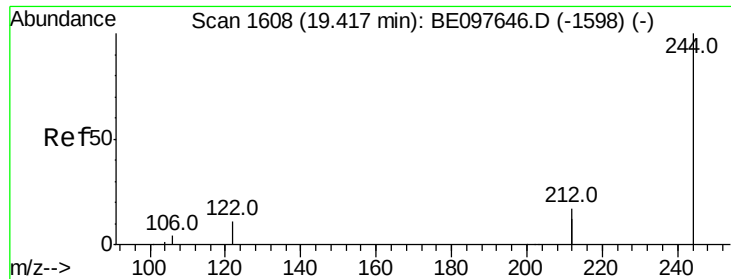
Abundance

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





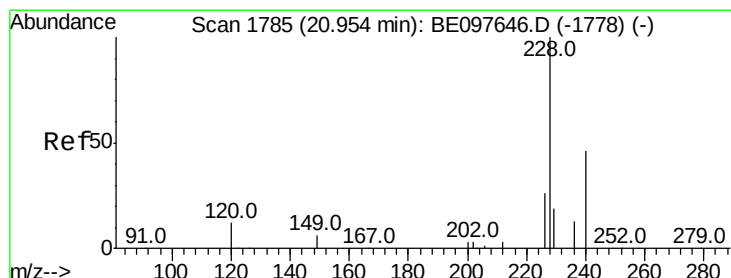
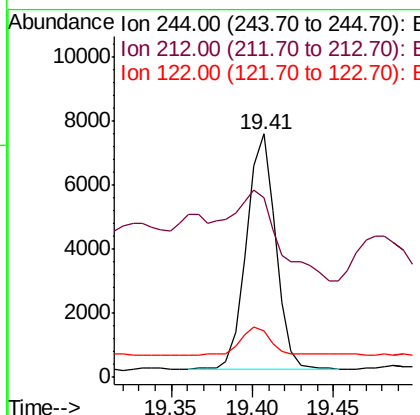
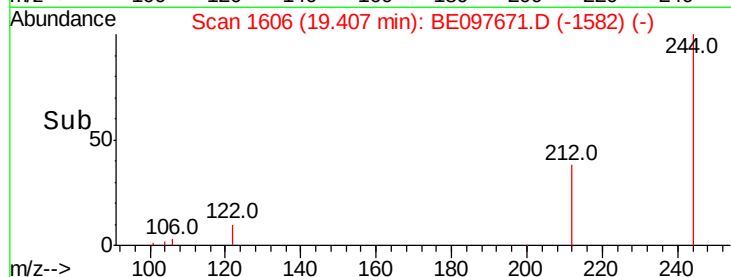
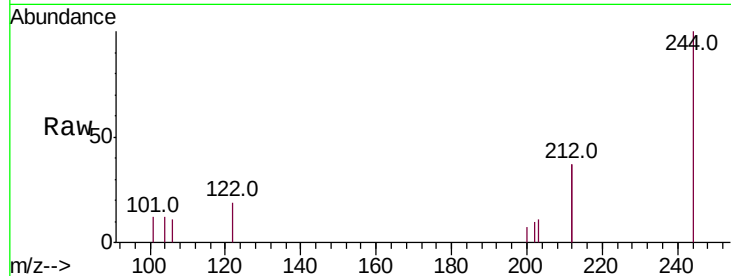
#29
 Terphenyl-d14
 Concen: 0.417 ng
 RT: 19.41 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BE097671.D
 Acq: 25 Sep 2018 23:24

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4004-20180918

Tot Ion	Ratio	Lower	Upper
244	100		
212	73.7	25.4	38.0#
122	18.9	8.1	12.1#

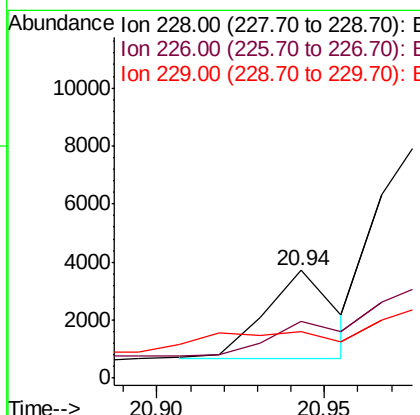
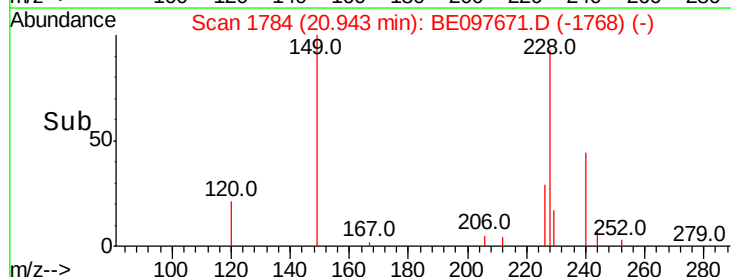
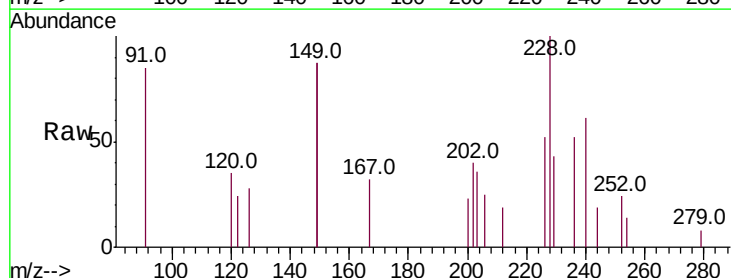
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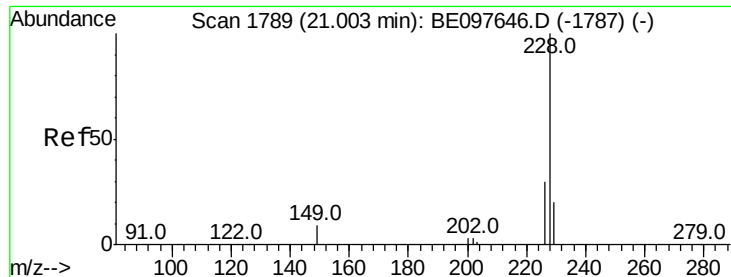
Sohil
 9/26/2018 6:00:23 PM



#30
 Benzo(a)anthracene
 Concen: 0.172 ng m
 RT: 20.94 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BE097671.D
 Acq: 25 Sep 2018 23:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	52.5	24.0	36.0#
229	43.4	16.0	24.0#





#31

Chrysene

Concen: 0.857 ng/mL

RT: 20.99 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BE097671.D

Acq: 25 Sep 2018 23:24

Instrument :

BNA_E

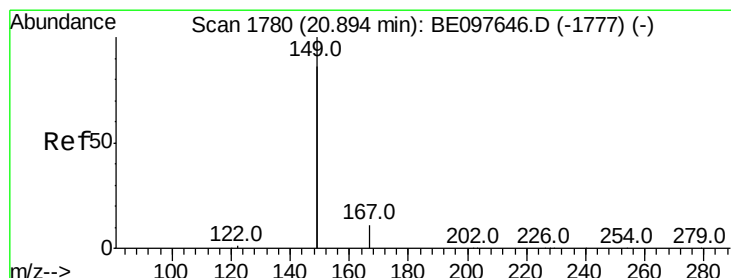
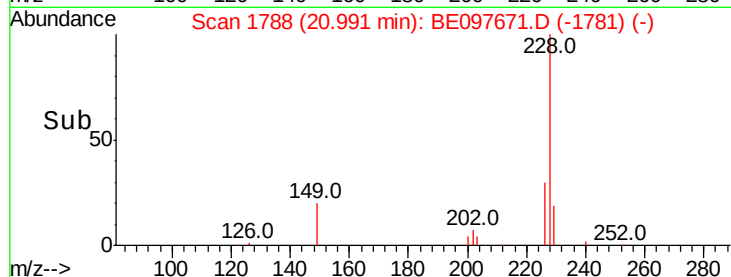
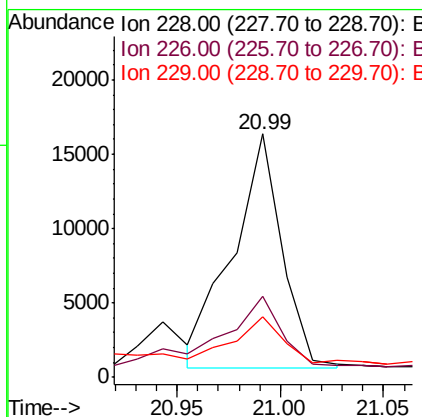
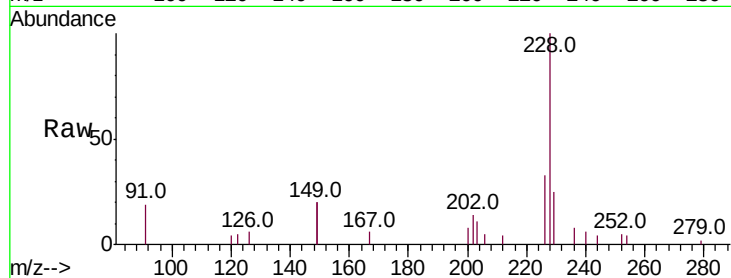
ClientSampleId :

BP-TT-SW4004-20180918

Tot Ion:	228	Resp:	26205
Ion Ratio	Lower	Upper	
228	100		
226	33.2	24.0	36.0
229	25.1	16.0	24.0

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.696 ng/mL

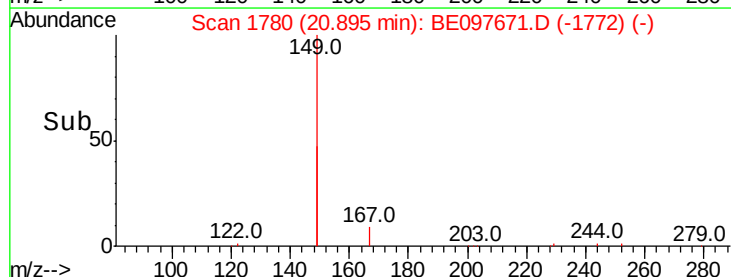
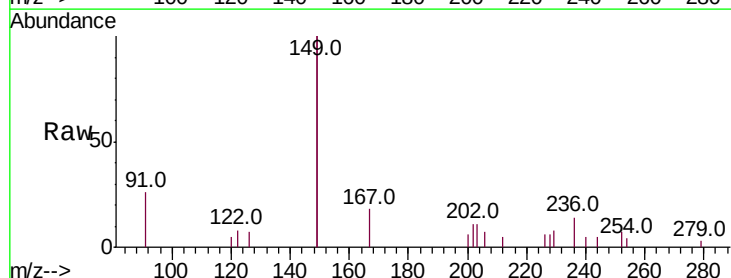
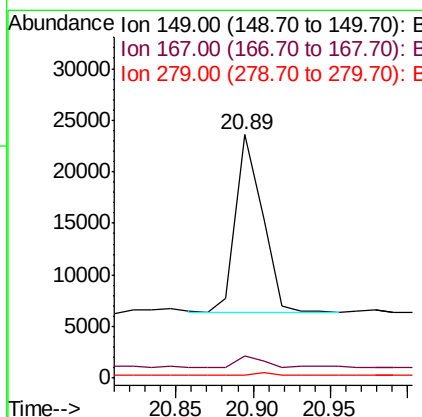
RT: 20.89 min Scan# 1780

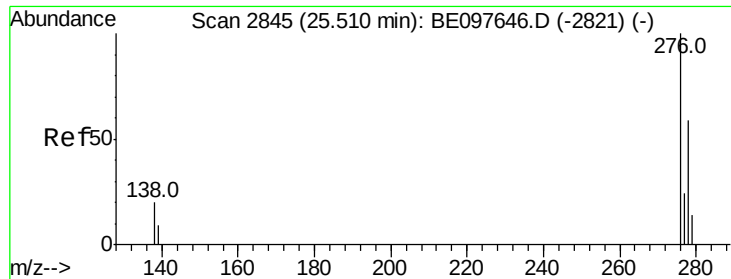
Delta R.T. 0.00 min

Lab File: BE097671.D

Acq: 25 Sep 2018 23:24

Tgt Ion:	149	Resp:	20763
Ion Ratio	Lower	Upper	
149	100		
167	6.7	5.4	8.0
279	1.5	0.7	1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.228 ng

RT: 25.48 min Scan# 2837

Delta R.T. -0.03 min

Lab File: BE097671.D

Acq: 25 Sep 2018 23:24

Instrument :

BNA_E

ClientSampleId :

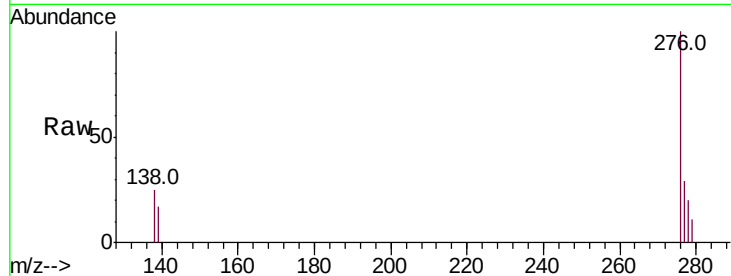
BP-TT-SW4004-20180918

Tot Ion:	276	Resp:	7359
Ion Ratio	Lower	Upper	
276	100		
138	19.8	22.5	33.7#
277	25.4	19.9	29.9

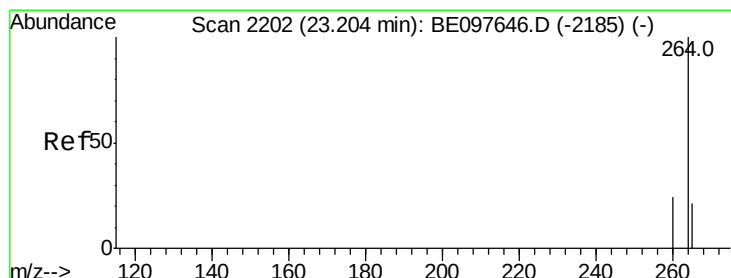
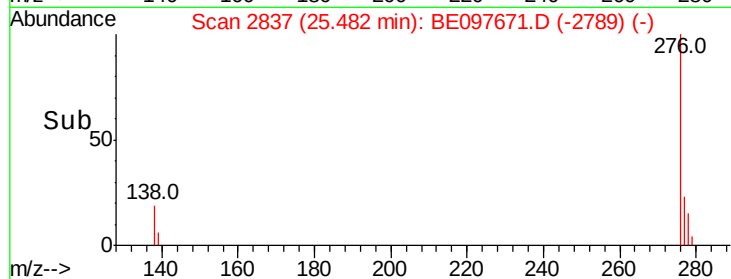
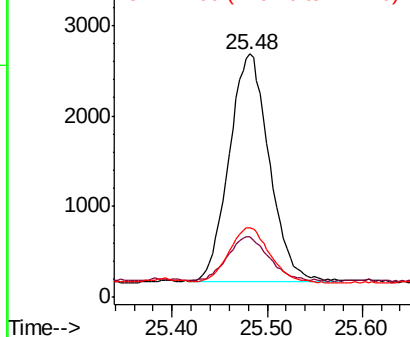
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.19 min Scan# 2198

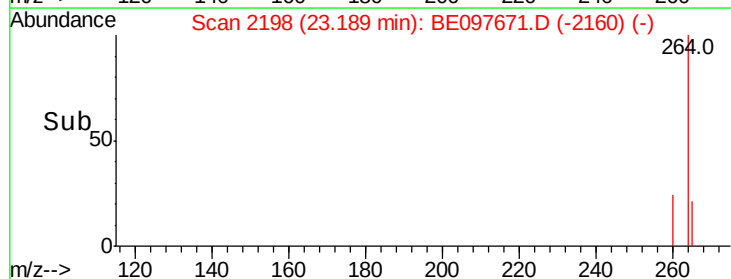
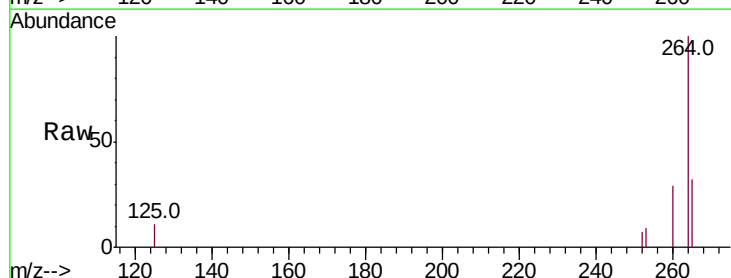
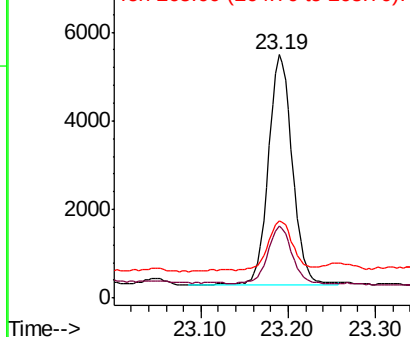
Delta R.T. -0.01 min

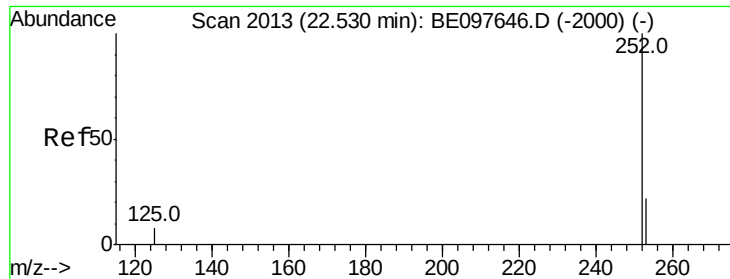
Lab File: BE097671.D

Acq: 25 Sep 2018 23:24

Tgt Ion:	264	Resp:	9998
Ion Ratio	Lower	Upper	
264	100		
260	29.3	20.5	30.7
265	31.9	22.8	34.2

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: 0.817 ng

RT: 22.52 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BE097671.D

Acq: 25 Sep 2018 23:24

Instrument :

BNA_E

ClientSampleId :

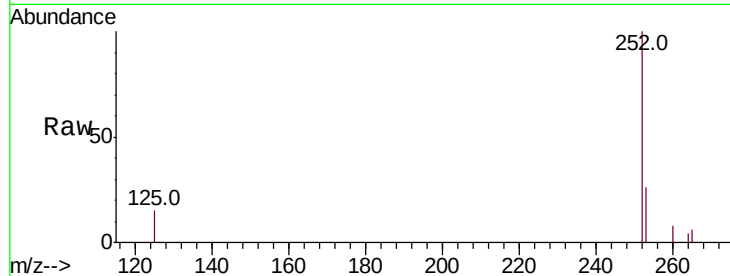
BP-TT-SW4004-20180918

Tot Ion:	252	Resp:	20875
Ion Ratio	Lower	Upper	
252	100		
253	26.0	20.0	30.0
125	15.3	16.0	24.0#

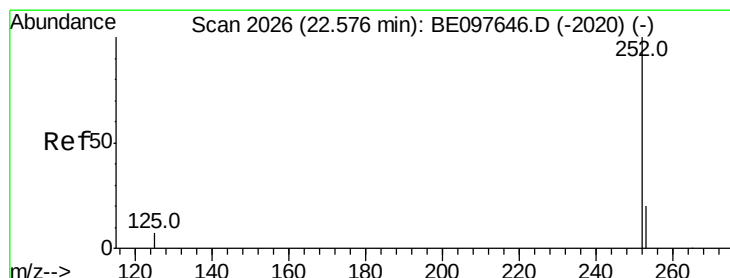
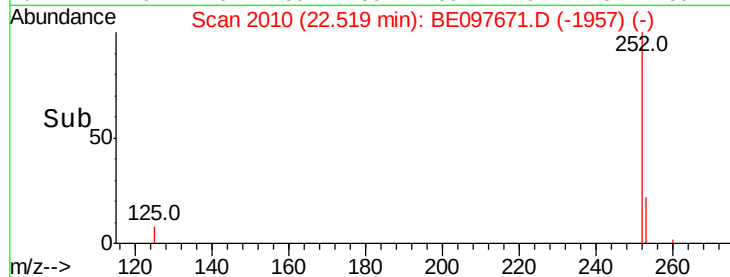
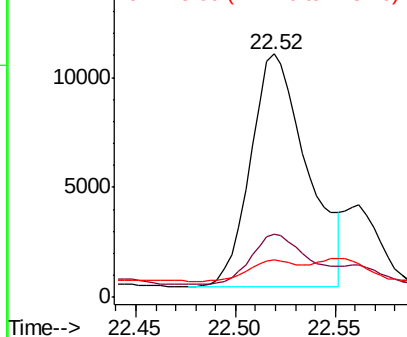
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.185 ng m

RT: 22.56 min Scan# 2022

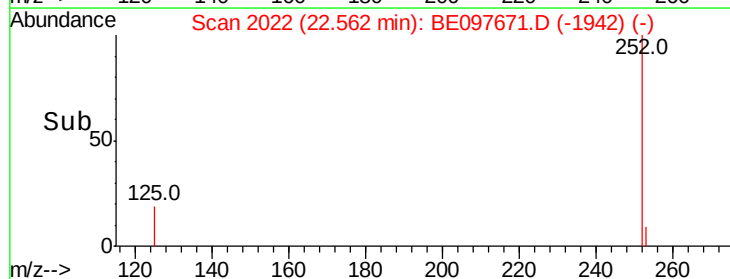
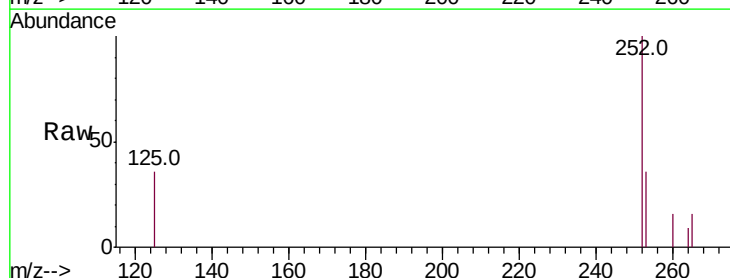
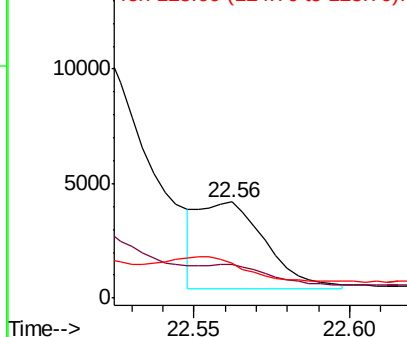
Delta R.T. -0.01 min

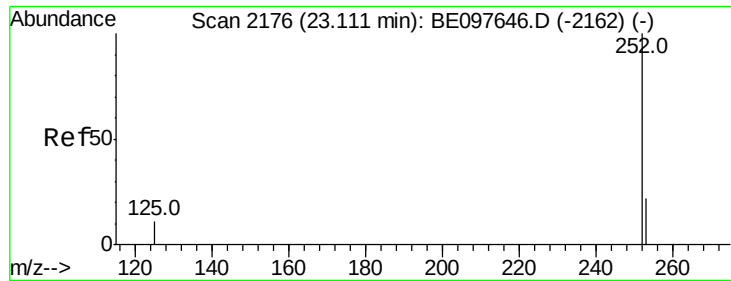
Lab File: BE097671.D

Acq: 25 Sep 2018 23:24

Tgt Ion:	252	Resp:	5601
Ion Ratio	Lower	Upper	
252	100		
253	35.5	16.0	24.0#
125	36.2	8.0	12.0#

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





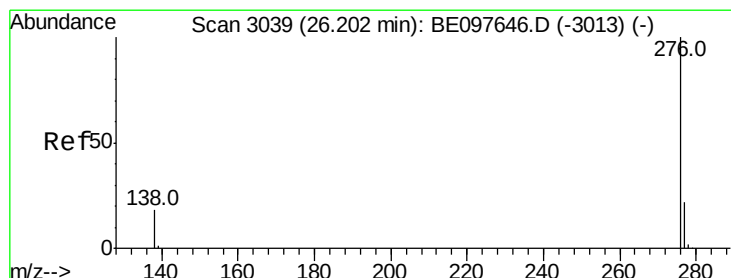
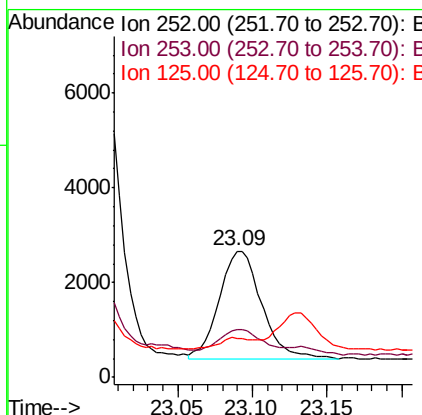
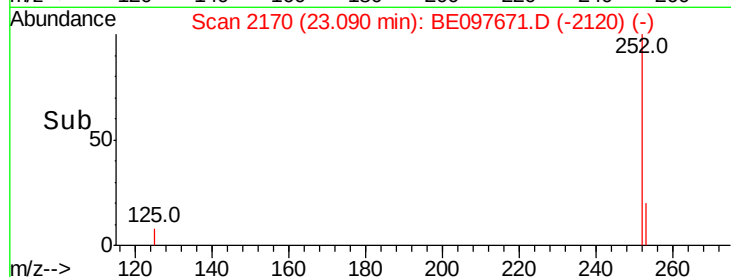
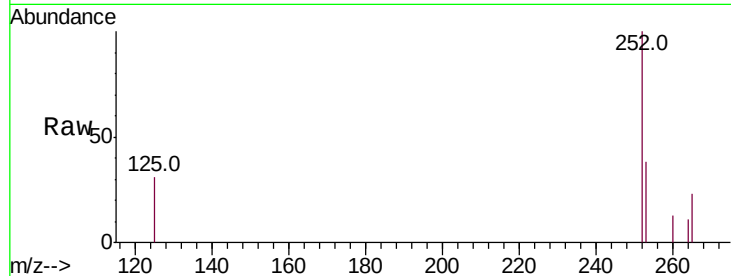
#37
Benzo(a)pyrene
Concen: 0.176 ng
RT: 23.09 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4004-20180918

Tot Ion	Ratio	Lower	Upper
252	100		
253	38.3	16.0	24.0#
125	31.2	12.0	18.0#

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#39
Benzo(g,h,i)perylene
Concen: 0.444 ng
RT: 26.18 min Scan# 3034
Delta R.T. -0.02 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.7	16.0	24.0#
138	22.7	20.0	30.0

