

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098936.D
 Acq On : 14 Mar 2019 7:26
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
 APPROVED

Sohil
 3/14/2019 11:09:37 AM

Quant Time: Mar 14 08:01:40 2019

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 06 15:33:24 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	894	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	4099	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2661	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	6800	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	8557	0.40	ng	-0.01
34) Perylene-d12	23.89	264	8428	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.40	112	1005	0.38	ng	0.01
5) Phenol-d6	6.99	99	1663	0.44	ng	0.00
8) Nitrobenzene-d5	8.96	82	1966	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	2730	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	551	0.41	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	5569	0.51	ng	-0.01
25) Fluoranthene-d10	19.24	212	39071	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	10713	0.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	820	0.491	ng	90
3) n-Nitrosodimethylamine	3.66	42	543m	0.241	ng	
6) bis(2-Chloroethyl)ether	7.23	93	975	0.335	ng	# 96
9) Naphthalene	10.63	128	18214	0.388	ng	100
10) Hexachlorobutadiene	10.91	225	1172	0.377	ng	99
12) 2-Methylnaphthalene	12.27	142	2798	0.367	ng	98
16) Acenaphthylene	14.17	152	5198	0.380	ng	97
17) Acenaphthene	14.51	154	3150	0.388	ng	99
18) Fluorene	15.50	166	4475	0.382	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1491m	0.405	ng	
21) Hexachlorobenzene	16.52	284	1748	0.399	ng	95
22) Pentachlorophenol	16.88	266	320	0.479	ng	92
23) Phenanthrene	17.24	178	7483	0.387	ng	98
24) Anthracene	17.35	178	6105	0.370	ng	99
26) Fluoranthene	19.27	202	10140	0.372	ng	99
28) Pyrene	19.63	202	10636	0.406	ng	99
30) Benzo(a)anthracene	21.38	228	9626	0.360	ng	97
31) Chrysene	21.43	228	11120	0.389	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	18194	0.320	ng	99
33) Indeno(1,2,3-cd)pyrene	26.53	276	11640	0.386	ng	98
35) Benzo(b)fluoranthene	23.12	252	10413m	0.376	ng	
36) Benzo(k)fluoranthene	23.17	252	11452	0.395	ng	99
37) Benzo(a)pyrene	23.78	252	10214	0.384	ng	# 92
38) Dibenzo(a,h)anthracene	26.55	278	9024	0.359	ng	98
39) Benzo(g,h,i)perylene	27.33	276	9847	0.375	ng	98

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

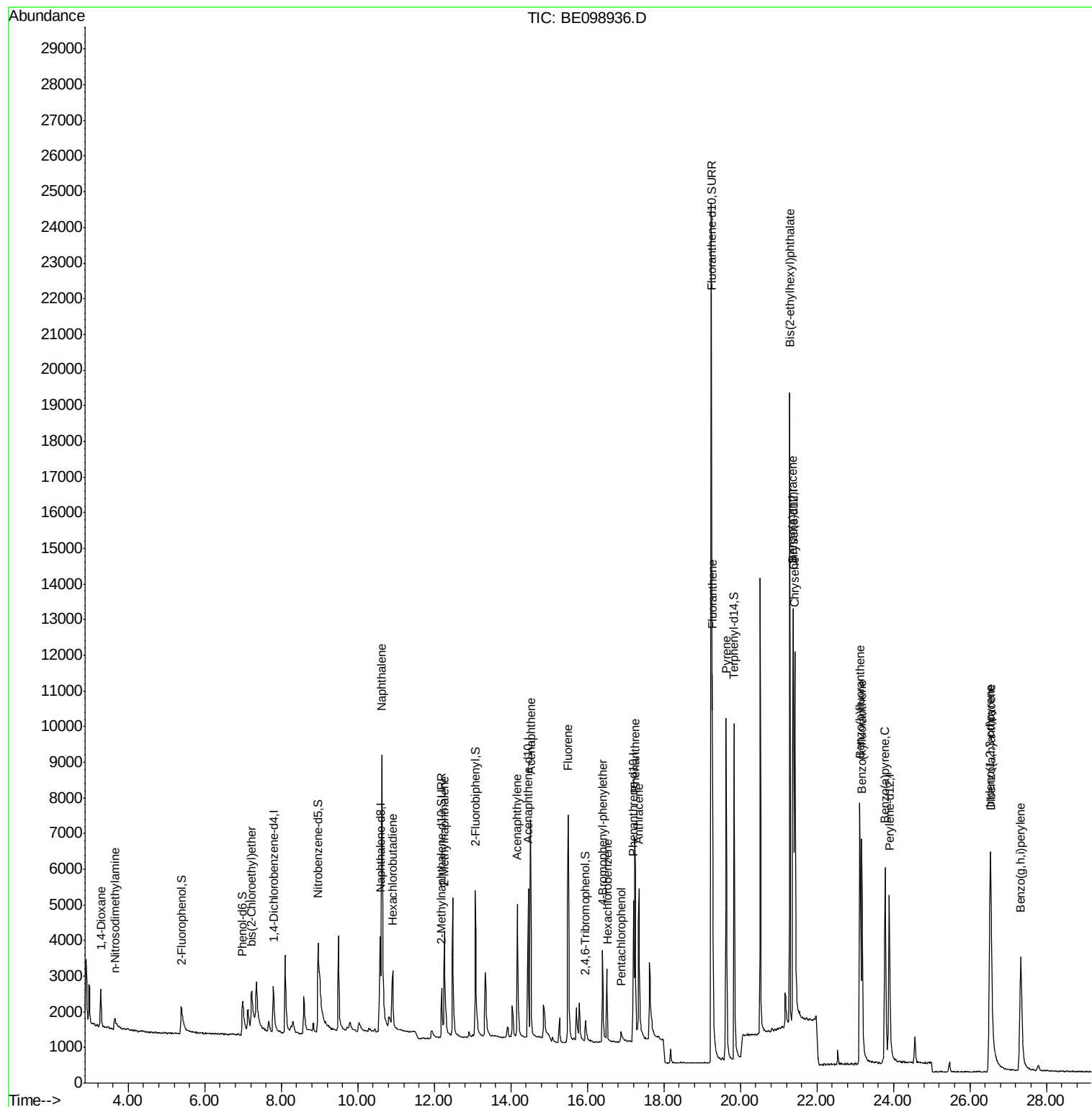
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
Data File : BE098936.D
Acq On : 14 Mar 2019 7:26
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 27 Sample Multiplier: 1

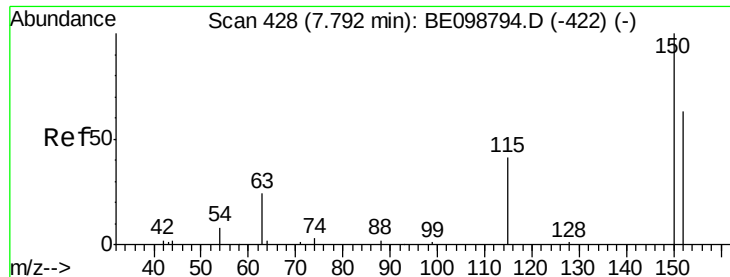
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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#1

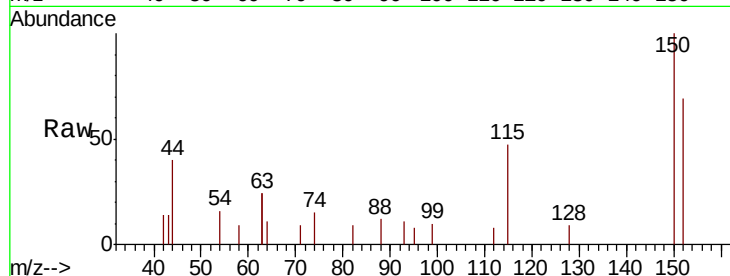
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098936.D
Acq: 14 Mar 2019 7:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

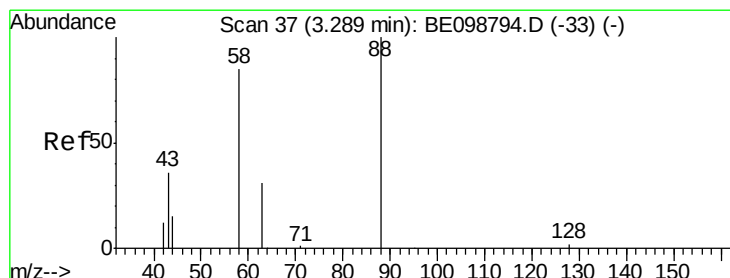
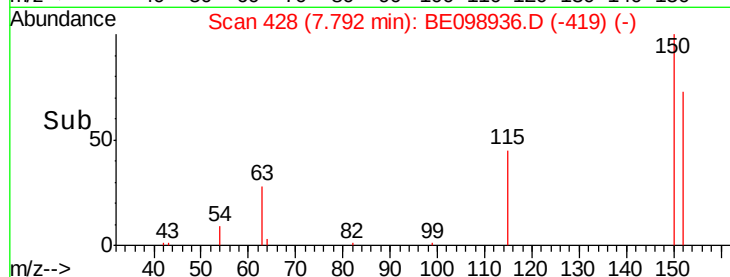
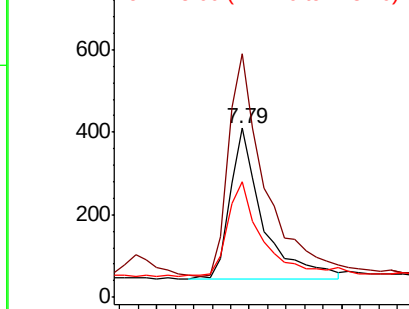
Tot Ion	Ratio	Lower	Upper
152	100		
150	143.9	122.5	183.7
115	68.3	57.4	86.2

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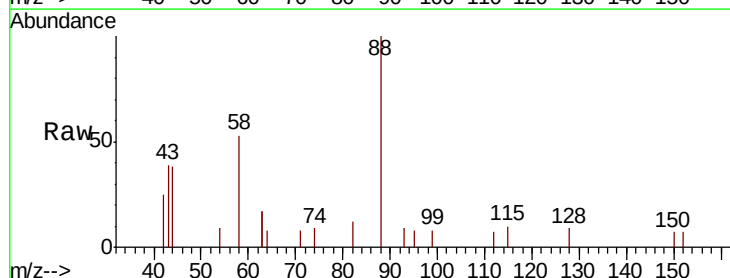
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



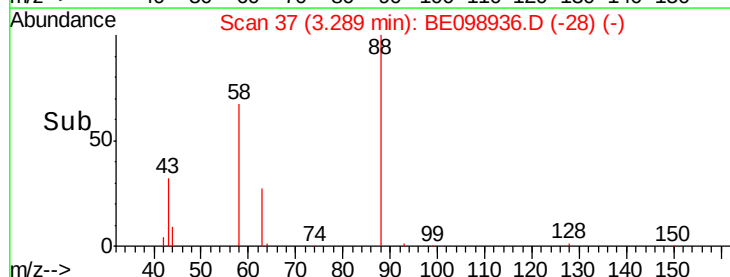
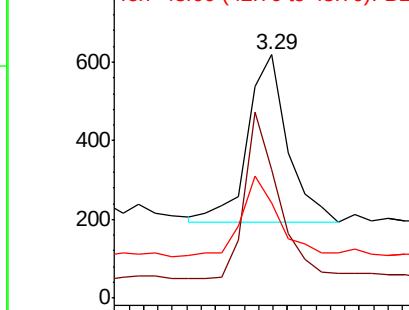
#2

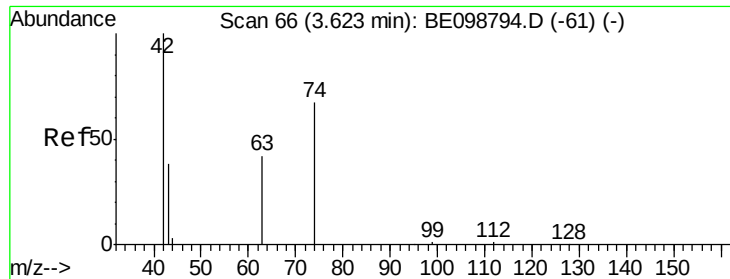
1,4-Dioxane
Concen: 0.491 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098936.D
Acq: 14 Mar 2019 7:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.0	75.8	113.6
43	46.7	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: 0.241 ng/ml

RT: 3.66 min Scan# 69

Delta R.T. 0.03 min

Lab File: BE098936.D

Acq: 14 Mar 2019 7:26

Instrument :

BNA_E

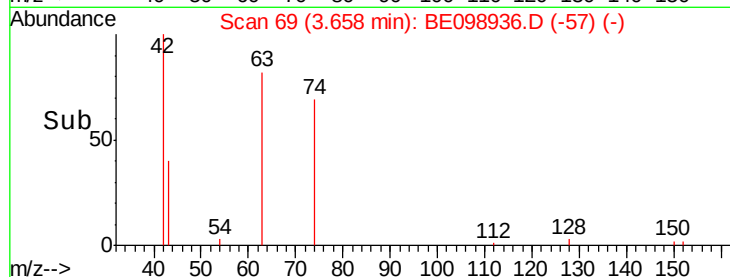
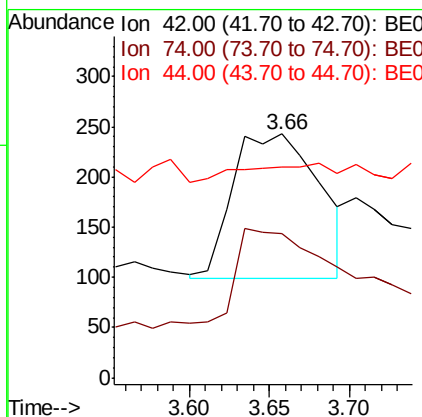
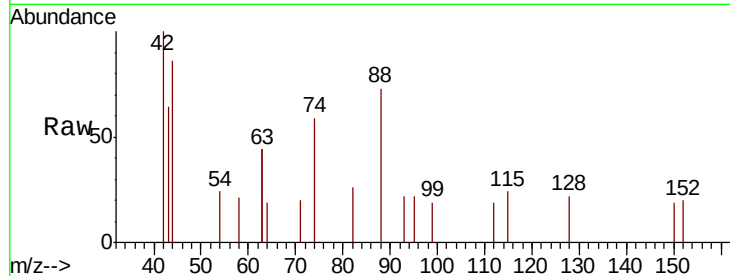
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	42	Resp:	543
Ion Ratio	Lower	Upper	
42	100		
74	0.0	57.0	85.4#
44	2.9	0.0	0.0#

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#4

2-Fluorophenol

Concen: 0.376 ng/ml

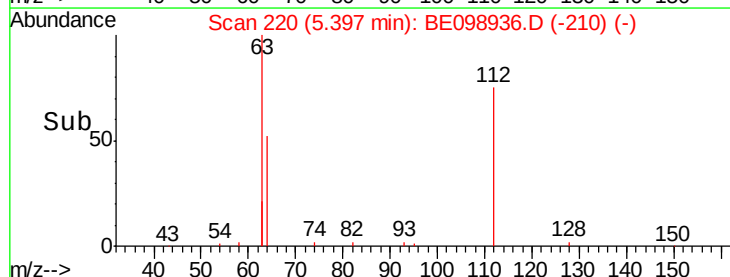
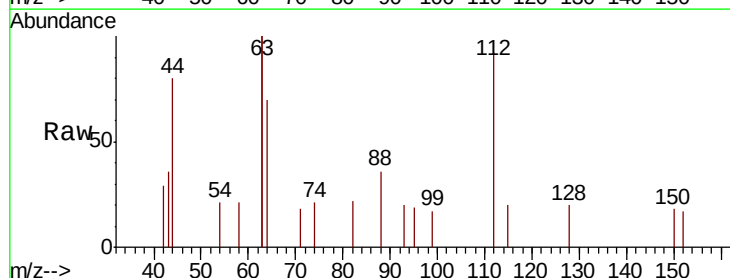
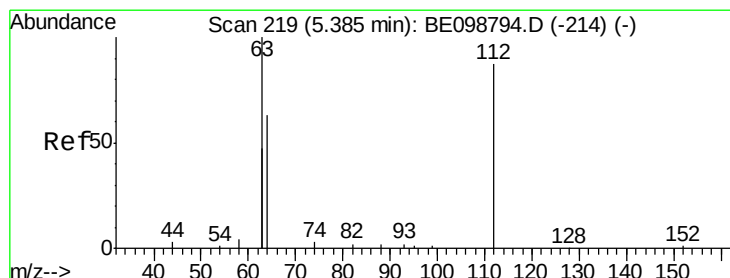
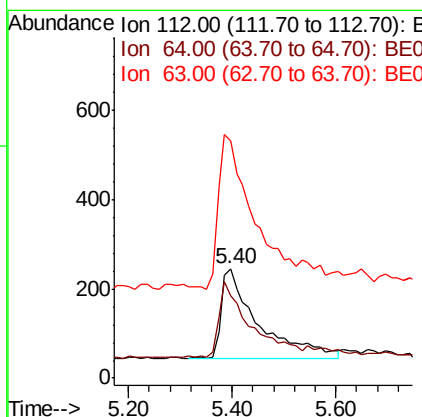
RT: 5.40 min Scan# 220

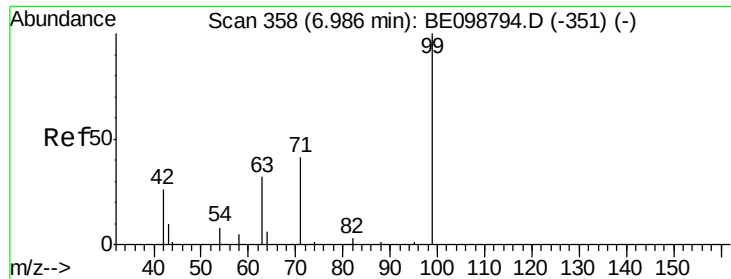
Delta R.T. 0.01 min

Lab File: BE098936.D

Acq: 14 Mar 2019 7:26

Tgt Ion:	112	Resp:	1005
Ion Ratio	Lower	Upper	
112	100		
64	72.6	57.9	86.9
63	158.4	158.3	237.5





#5

Phenol-d6

Concen: 0.440 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098936.D

Acq: 14 Mar 2019 7:26

Instrument :

BNA_E

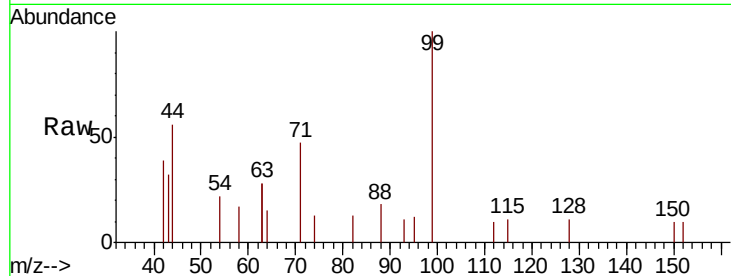
ClientSampleId :

SSTDCCC0.4EC

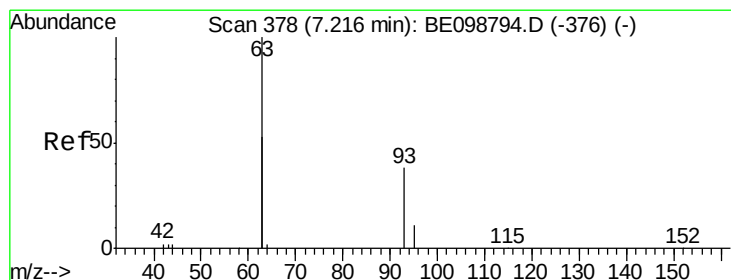
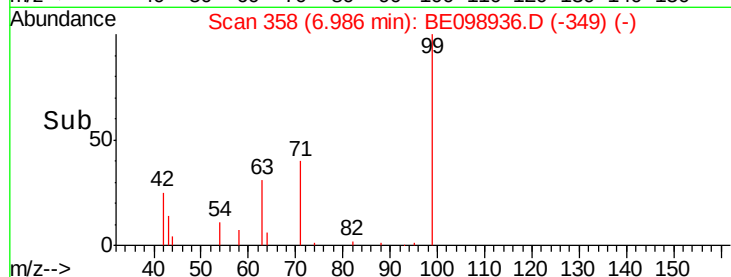
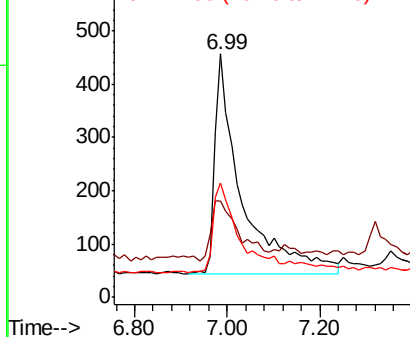
Tot Ion:	99	Resp:	1663
Ion	Ratio	Lower	Upper
99	100		
42	28.5	24.2	36.2
71	39.4	35.7	53.5

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Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.335 ng

RT: 7.23 min Scan# 379

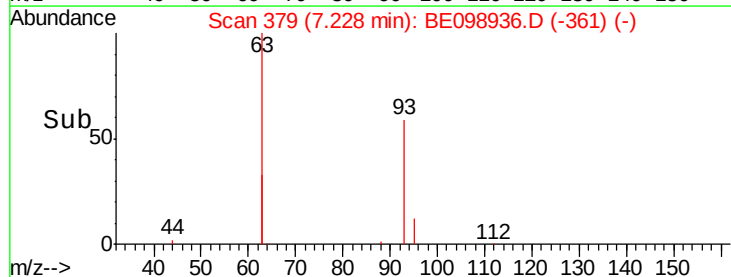
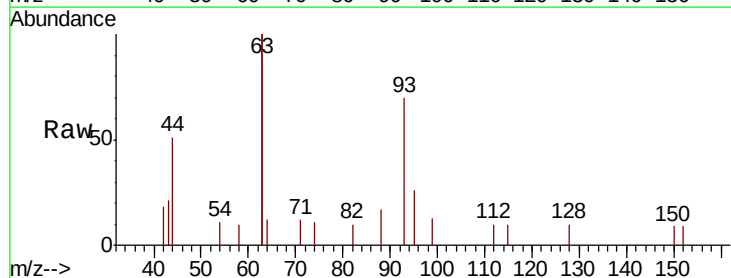
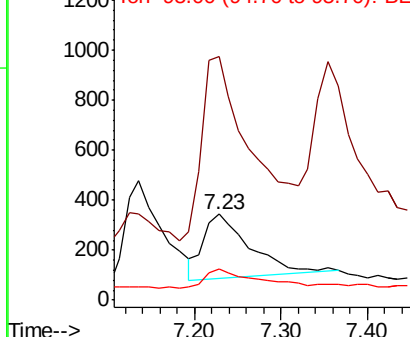
Delta R.T. 0.01 min

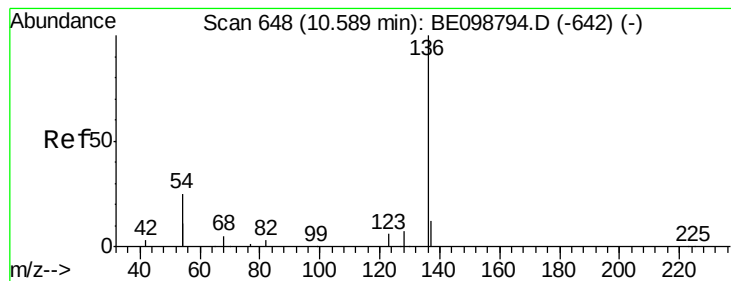
Lab File: BE098936.D

Acq: 14 Mar 2019 7:26

Tgt Ion:	93	Resp:	975
Ion	Ratio	Lower	Upper
93	100		
63	315.3	247.5	371.3
95	33.6	21.8	32.8#

Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098936.D

Acq: 14 Mar 2019 7:26

Instrument :

BNA_E

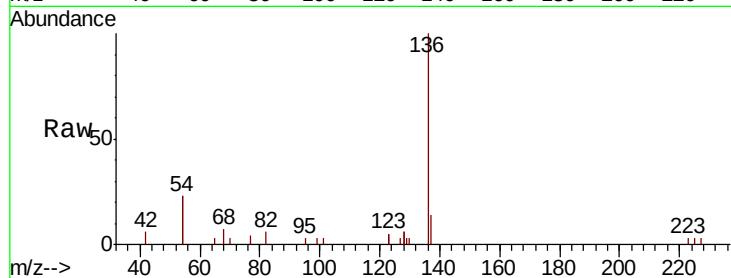
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
136	100		
137	13.8	11.4	17.0
54	46.0	39.3	58.9
68	7.4	6.7	10.1

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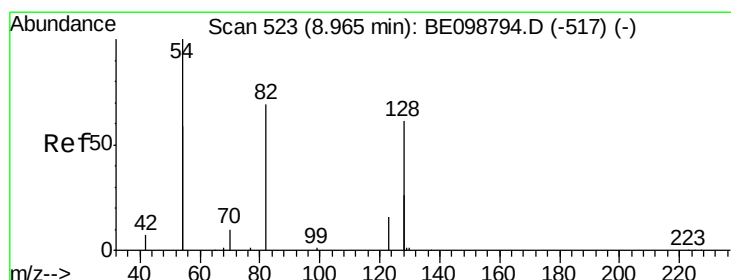
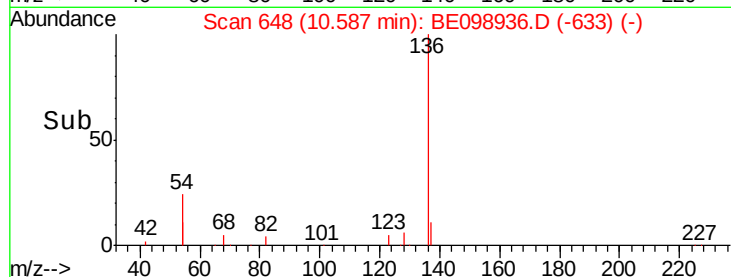
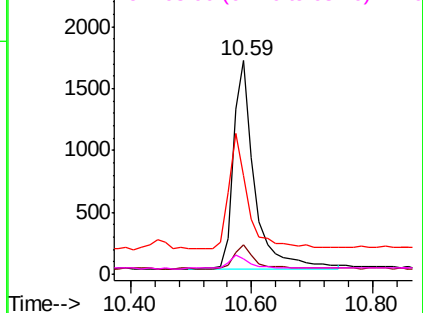
Abundance

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: 0.457 ng

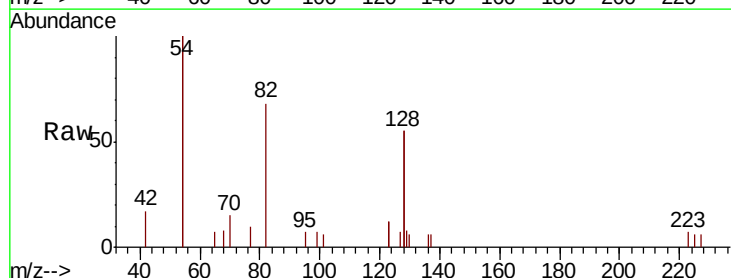
RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098936.D

Acq: 14 Mar 2019 7:26

Tgt Ion	Ratio	Lower	Upper
82	100		
128	161.7	123.8	185.8
54	294.5	203.4	305.2

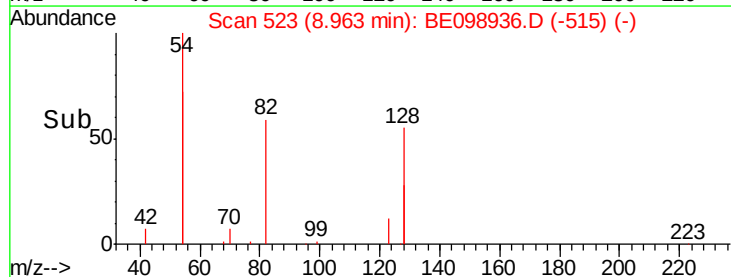
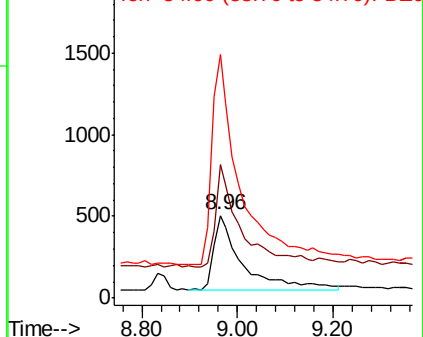


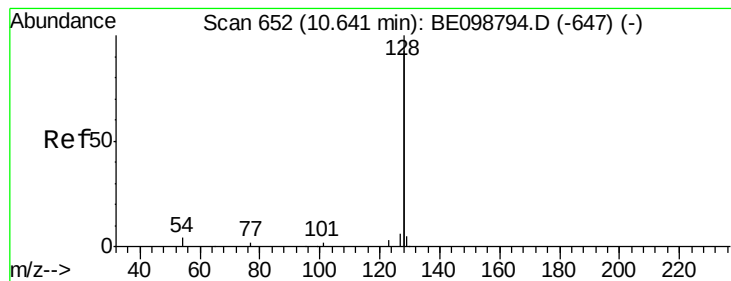
Abundance

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: 0.388 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE098936.D

Acq: 14 Mar 2019 7:26

Instrument :

BNA_E

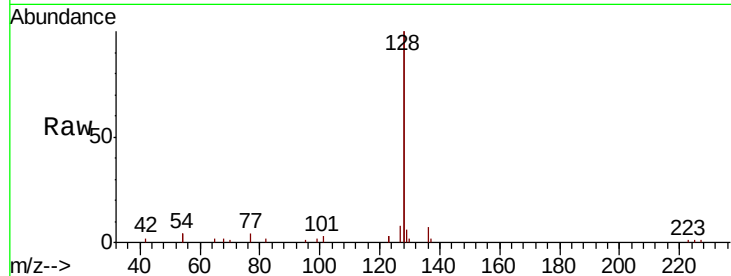
ClientSampleId :

SSTDCCC0.4EC

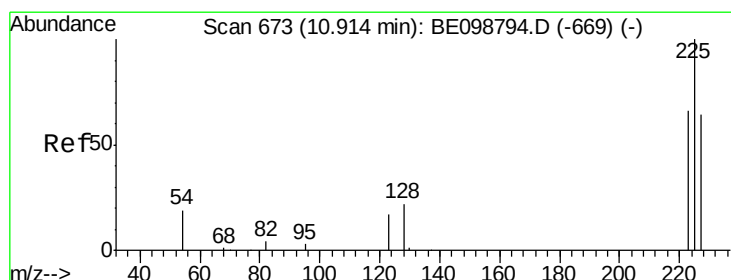
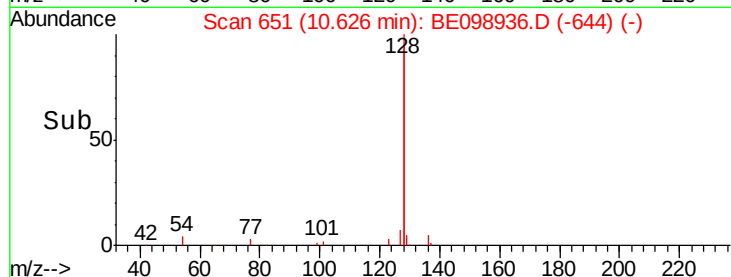
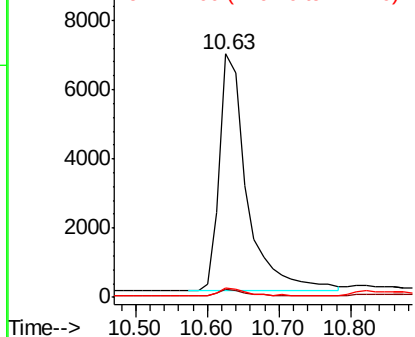
Tot Ion:	128	Resp:	18214
Ion Ratio	Lower	Upper	
128	100		
129	3.2	2.6	4.0
127	4.0	3.1	4.7

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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: 0.377 ng

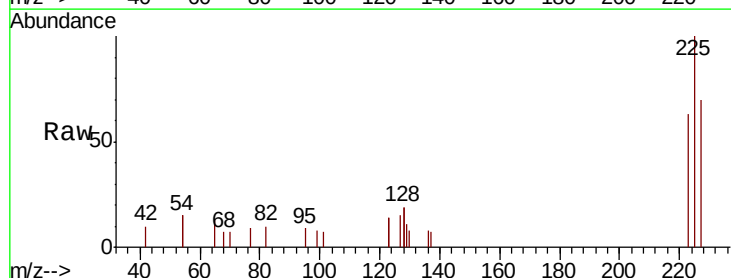
RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

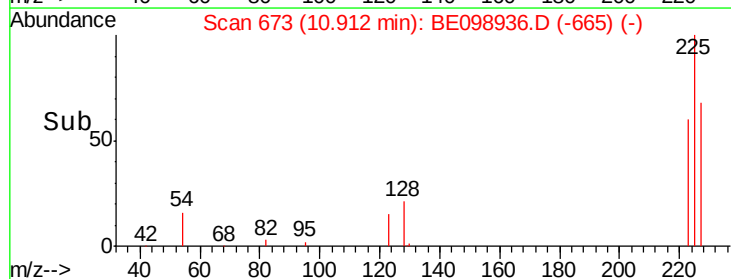
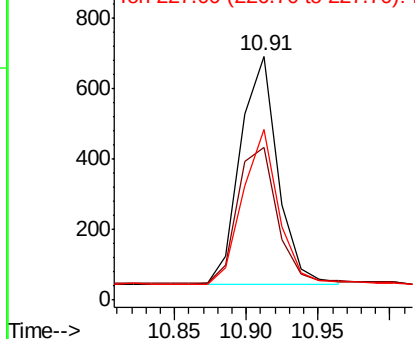
Lab File: BE098936.D

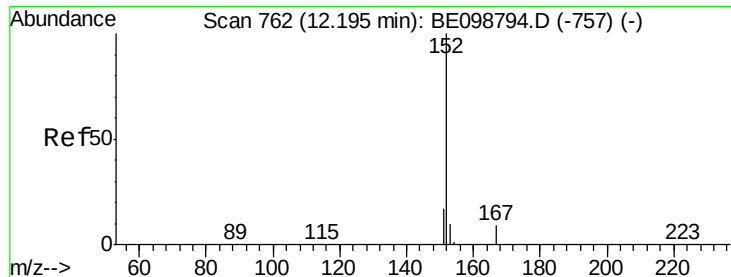
Acq: 14 Mar 2019 7:26

Tgt Ion:	225	Resp:	1172
Ion Ratio	Lower	Upper	
225	100		
223	63.1	51.1	76.7
227	65.4	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





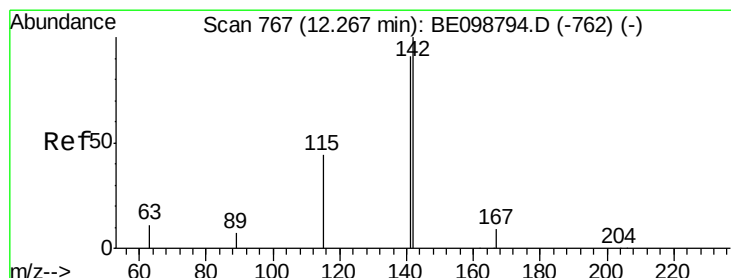
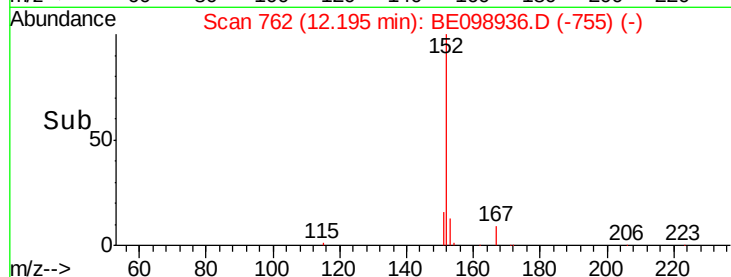
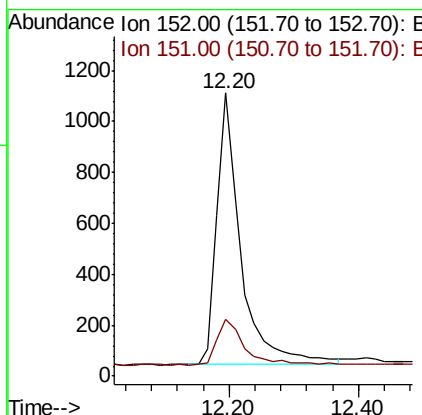
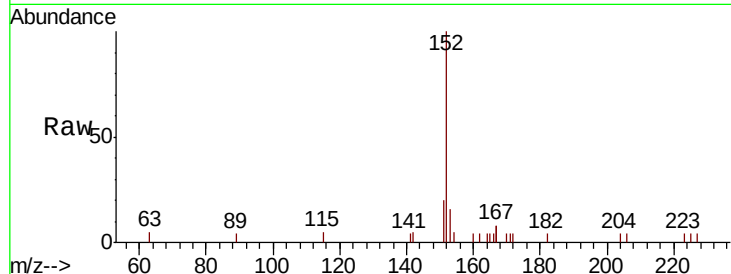
#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098936.D
Acq: 14 Mar 2019 7:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.5	24.7

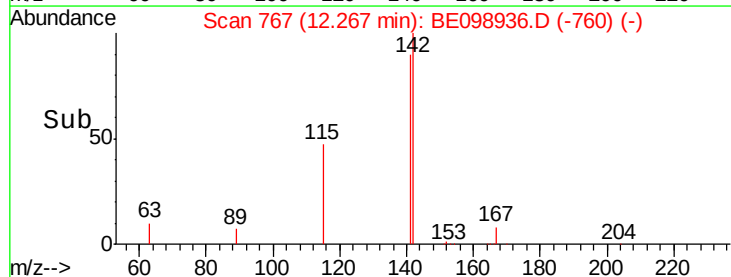
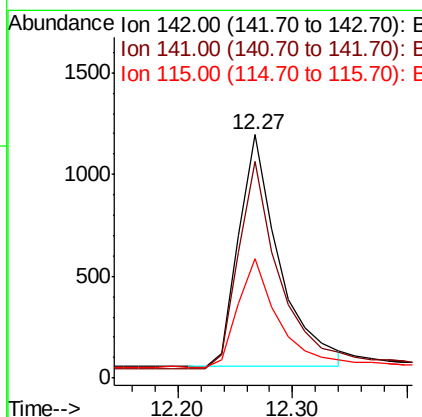
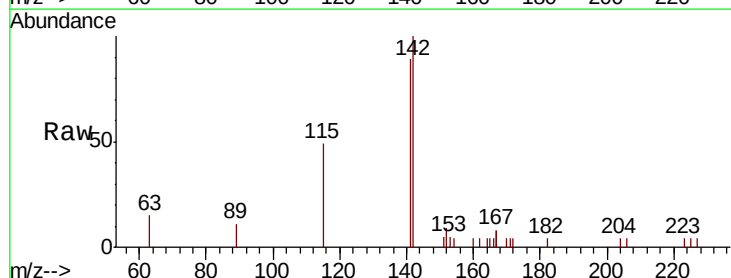
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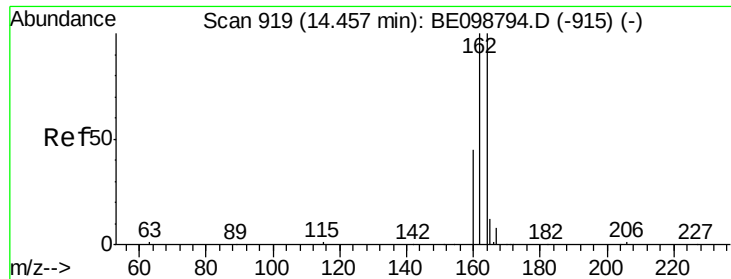
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#12
2-Methylnaphthalene
Concen: 0.367 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098936.D
Acq: 14 Mar 2019 7:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.6	108.8
115	49.2	37.4	56.2





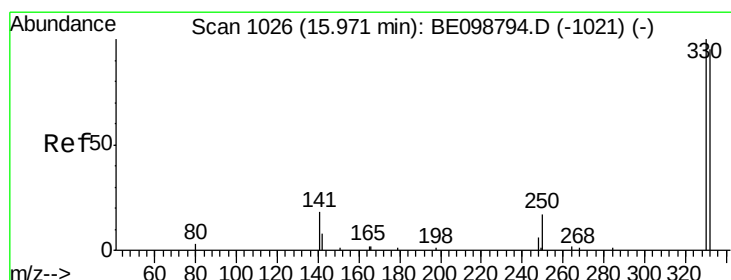
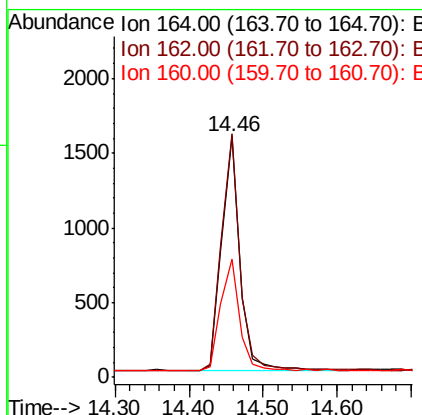
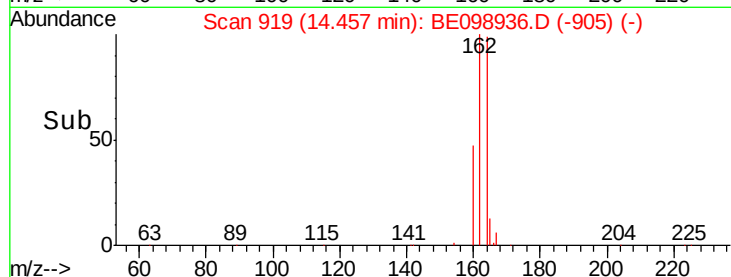
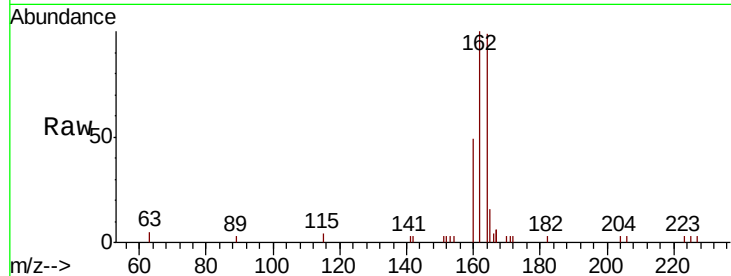
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098936.D
Acq: 14 Mar 2019 7:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.2	120.2
160	49.3	37.8	56.8

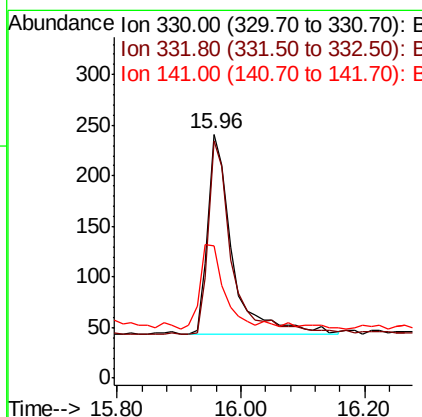
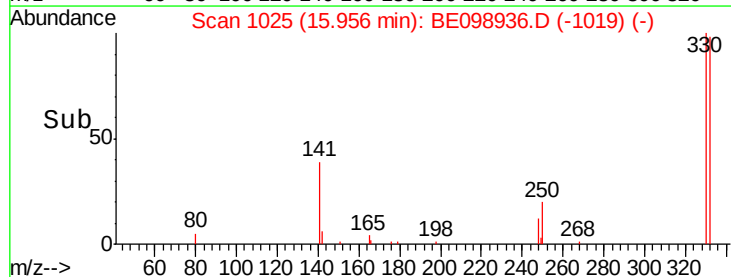
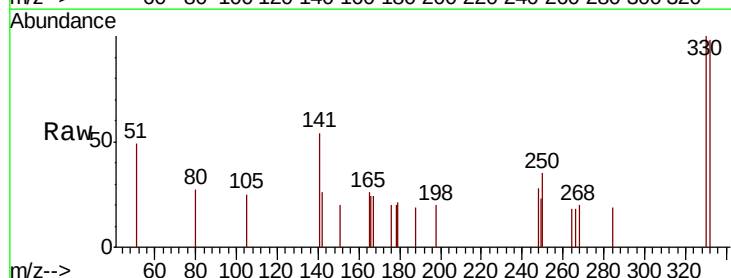
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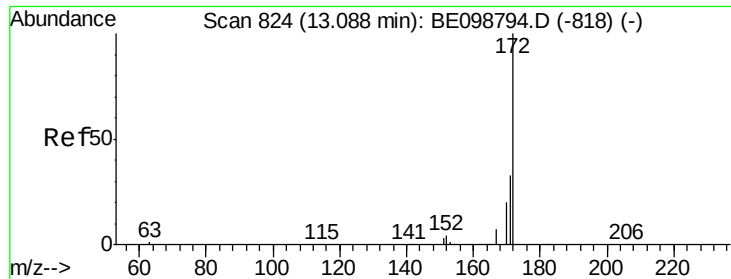
Sohil
3/14/2019 11:09:37 AM



#14
2,4,6-Tribromophenol
Concen: 0.410 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE098936.D
Acq: 14 Mar 2019 7:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	90.2	77.6	116.4
141	42.5	31.0	46.4





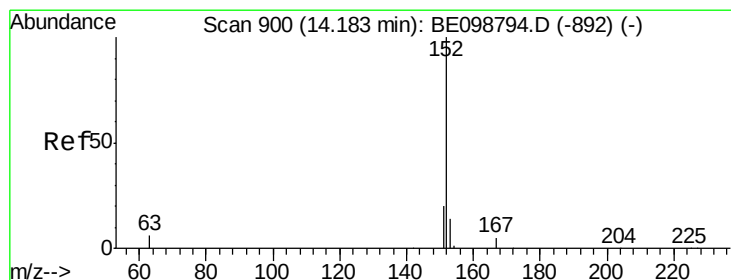
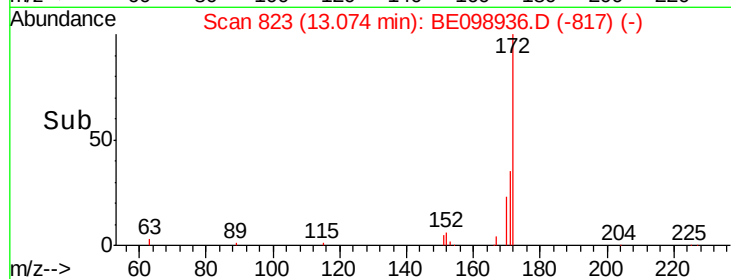
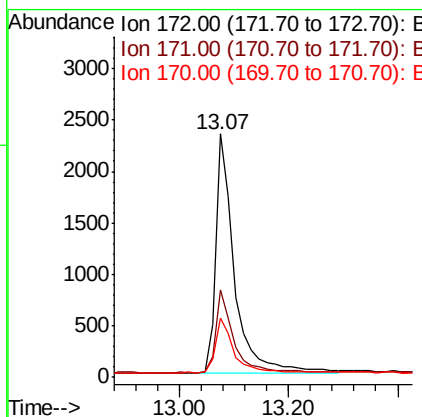
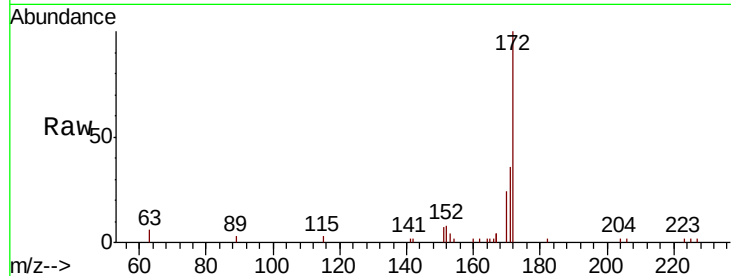
#15
2-Fluorobiphenyl
Concen: 0.505 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098936.D
Acq: 14 Mar 2019 7:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.0	42.0
170	24.4	17.7	26.5

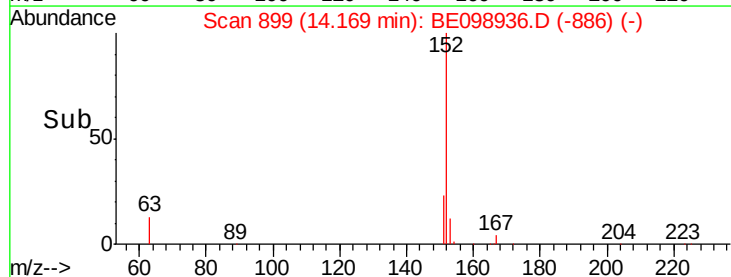
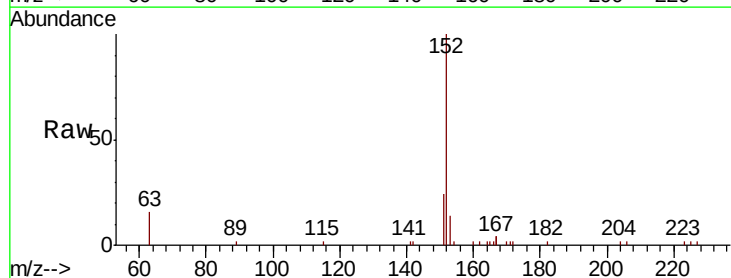
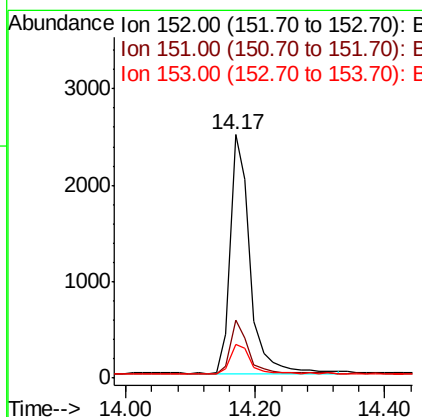
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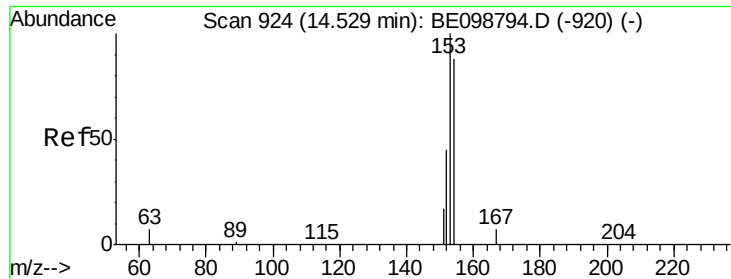
Sohil
3/14/2019 11:09:37 AM



#16
Acenaphthylene
Concen: 0.380 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE098936.D
Acq: 14 Mar 2019 7:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.0	25.6
153	12.1	11.2	16.8





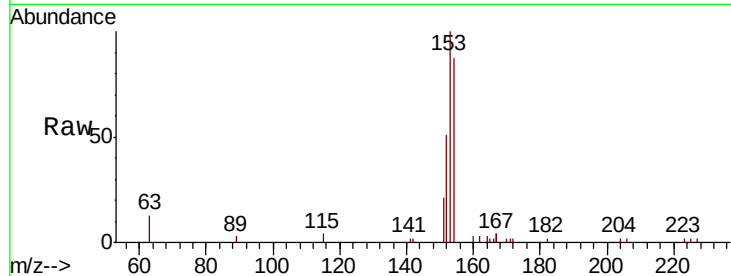
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098936.D
Acq: 14 Mar 2019 7:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.6	94.2	141.4
152	57.8	45.0	67.4

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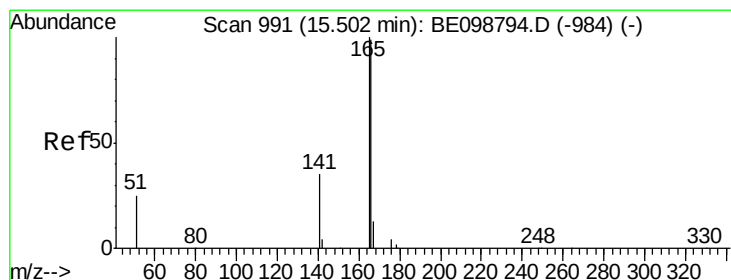
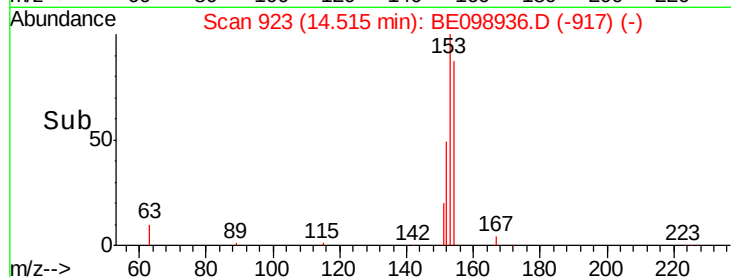
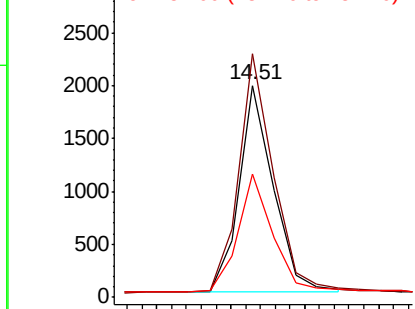


Abundance

Ion 154.00 (153.70 to 154.70): E

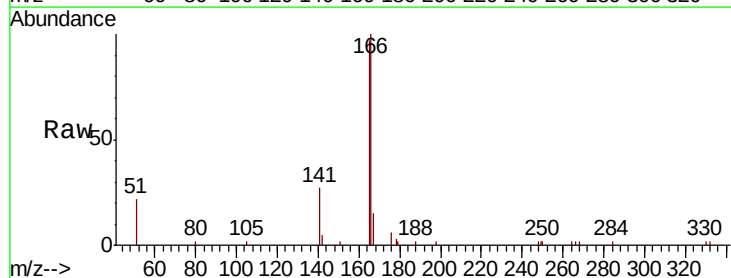
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.382 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098936.D
Acq: 14 Mar 2019 7:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.3	118.9
167	13.9	10.5	15.7

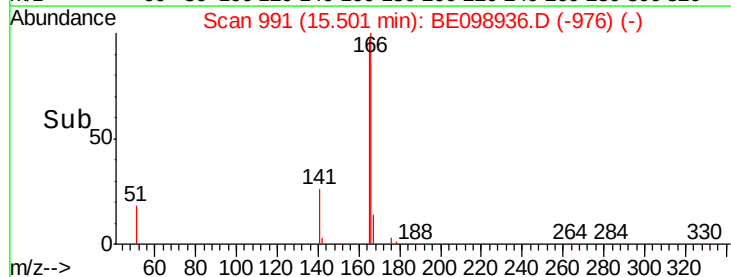
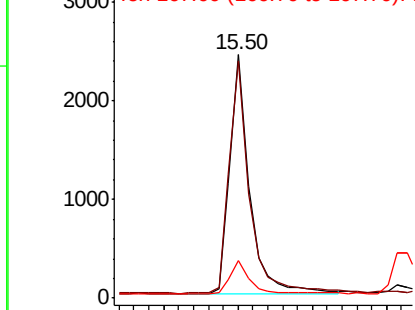


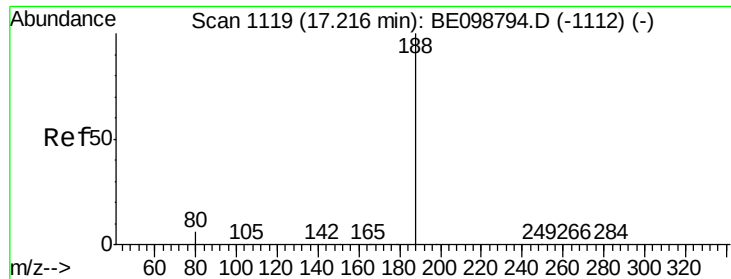
Abundance

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





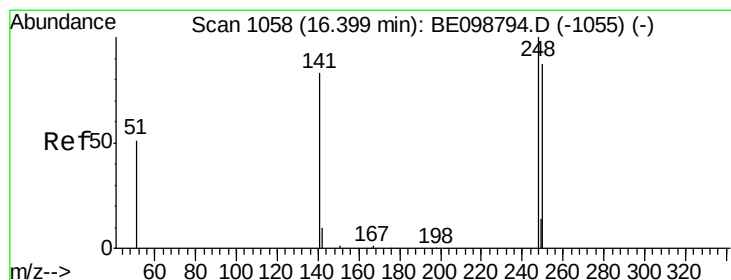
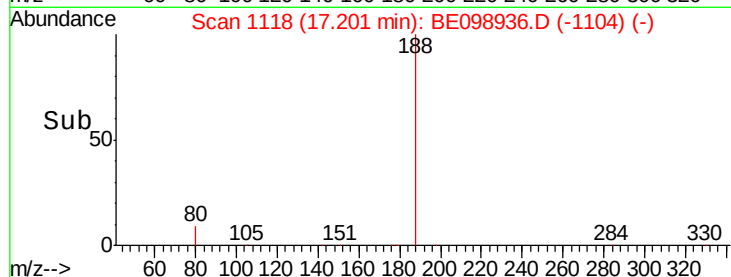
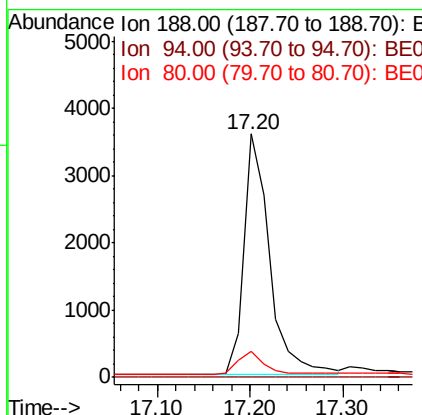
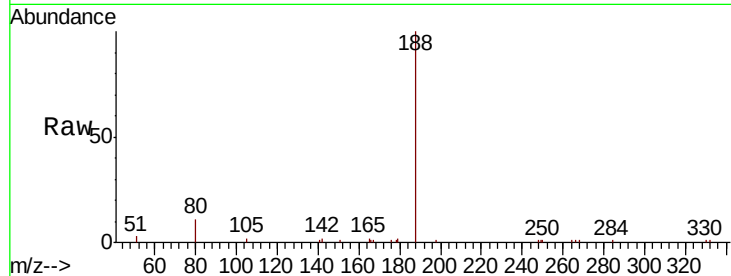
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE098936.D
Acq: 14 Mar 2019 7:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	6.3	9.5#

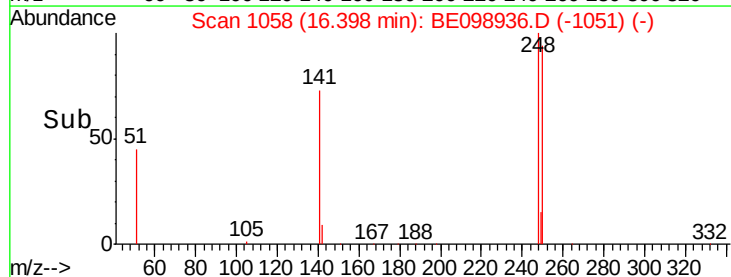
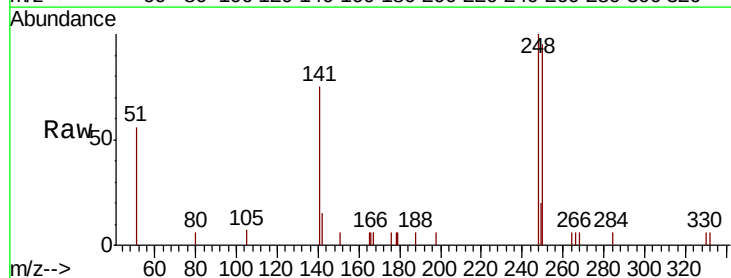
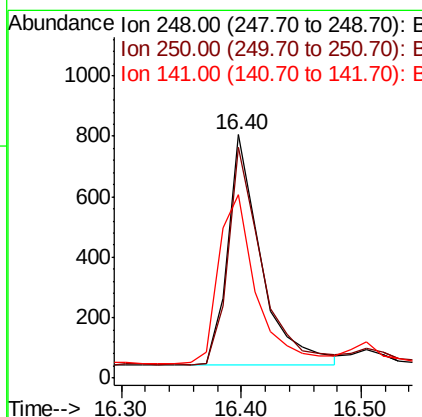
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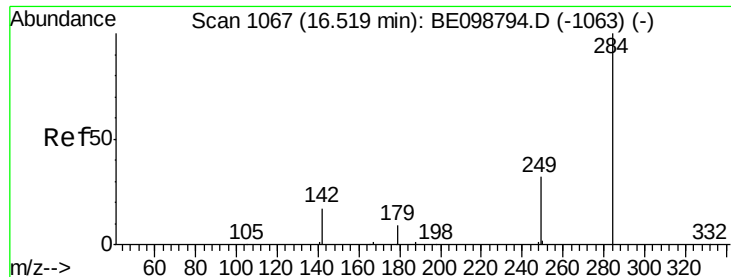
Sohil
3/14/2019 11:09:37 AM



#20
4-Bromophenyl-phenylether
Concen: 0.405 ng m
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098936.D
Acq: 14 Mar 2019 7:26

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	94.8	70.6	105.8
141	75.4	68.6	102.8





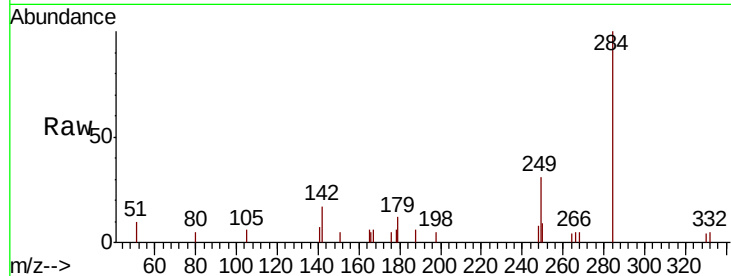
#21
Hexachlorobenzene
Concen: 0.399 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098936.D
Acq: 14 Mar 2019 7:26

Instrument :
BNA_E
ClientSampled :
SSTDCCC0.4EC

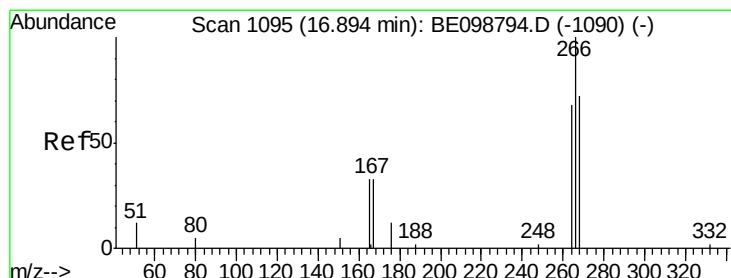
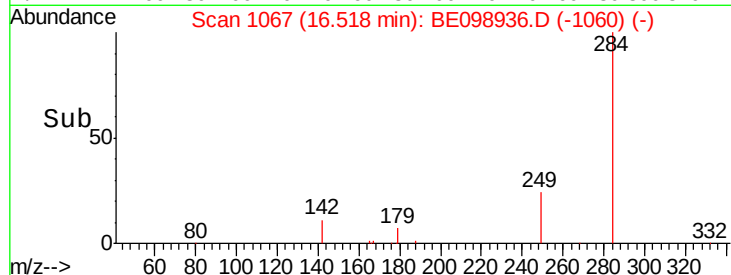
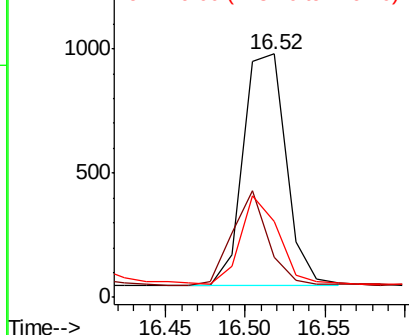
Tot Ion:284	Resp:	1748
Ion Ratio	Lower	Upper
284	100	
142	34.7	28.7 43.1
249	32.2	29.6 44.4

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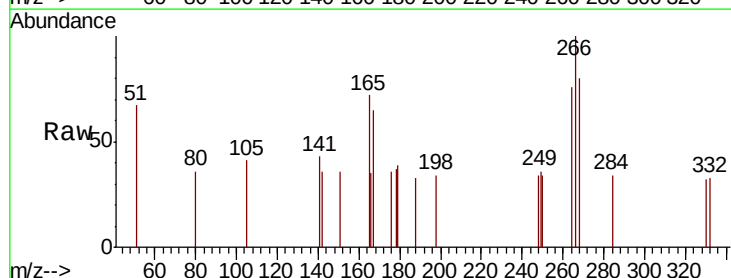


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

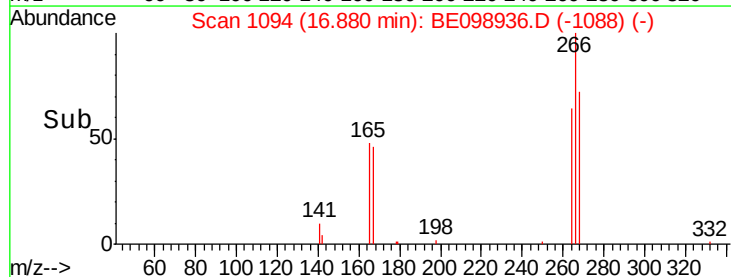
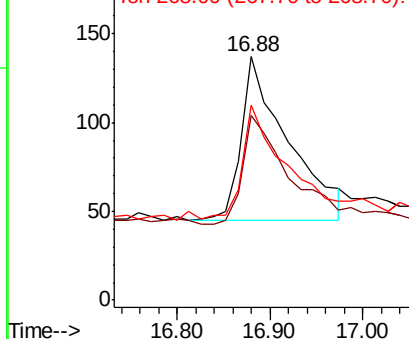


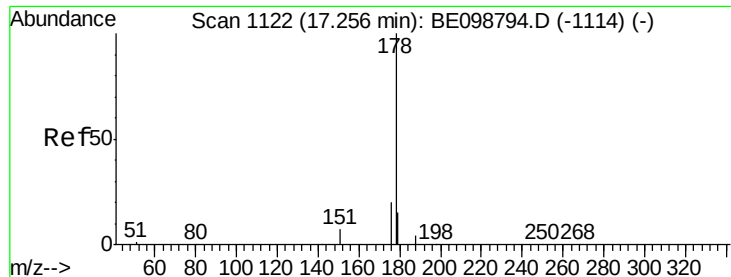
#22
Pentachlorophenol
Concen: 0.479 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE098936.D
Acq: 14 Mar 2019 7:26

Tgt Ion:266	Resp:	320
Ion Ratio	Lower	Upper
266	100	
264	75.9	66.6 100.0
268	80.3	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: 0.387 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE098936.D

Acq: 14 Mar 2019 7:26

Instrument :

BNA_E

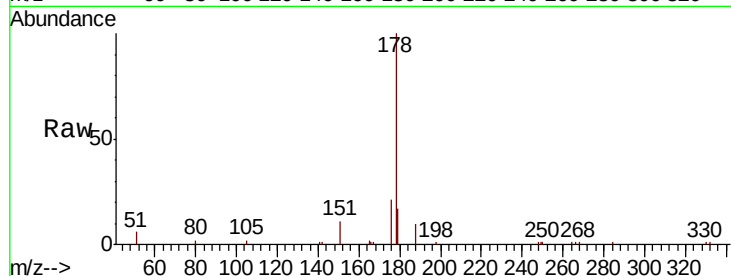
ClientSampleId :

SSTDCCC0.4EC

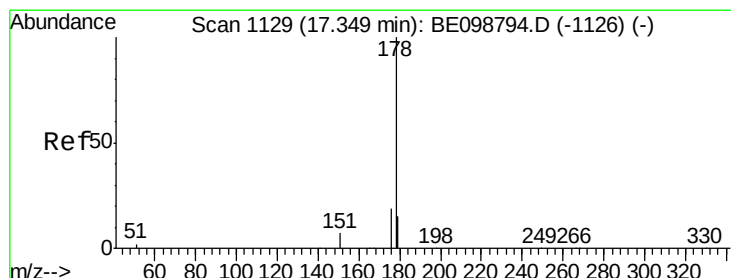
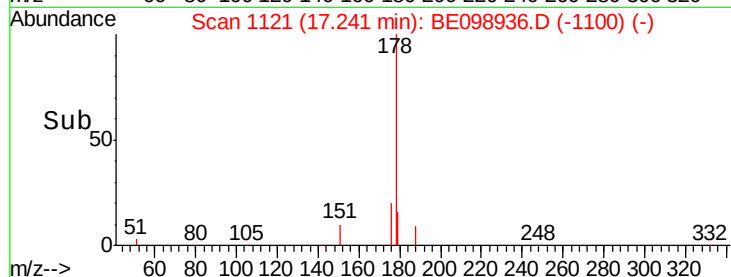
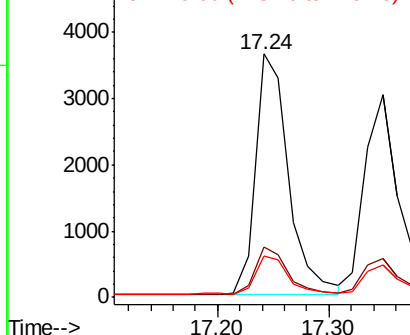
Tot Ion:178	Resp:	7483
Ion Ratio	Lower	Upper
178	100	
176	19.3	16.0 24.0
179	15.8	12.1 18.1

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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: 0.370 ng

RT: 17.35 min Scan# 1129

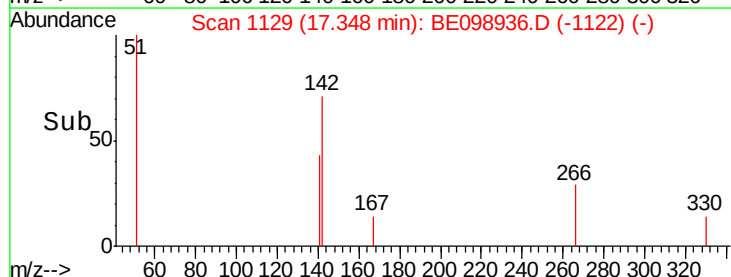
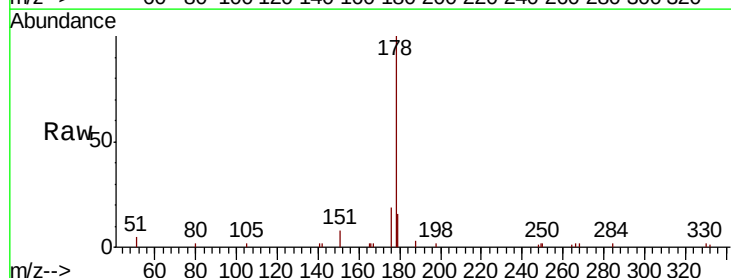
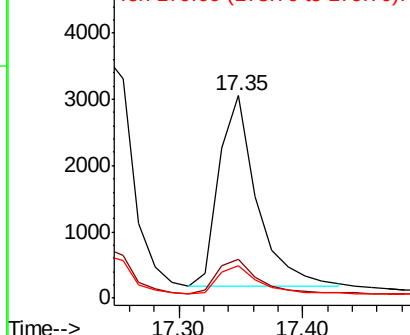
Delta R.T. -0.00 min

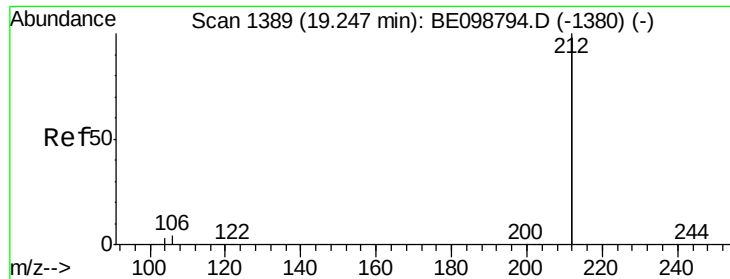
Lab File: BE098936.D

Acq: 14 Mar 2019 7:26

Tgt Ion:178	Resp:	6105
Ion Ratio	Lower	Upper
178	100	
176	18.5	15.4 23.0
179	15.3	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: 0.360 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098936.D

Acq: 14 Mar 2019 7:26

Instrument :

BNA_E

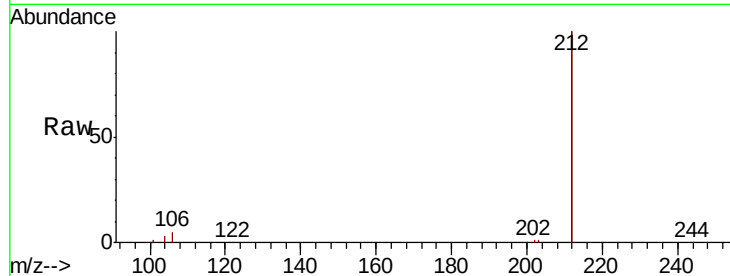
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.3	1.0	1.6

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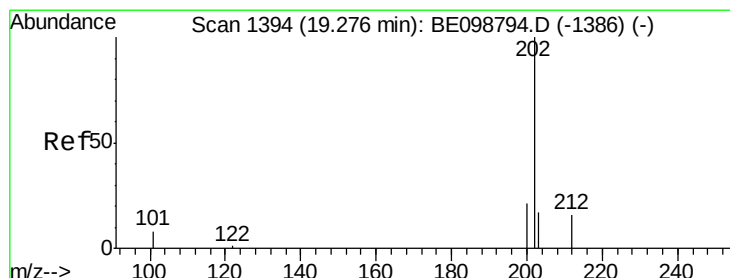
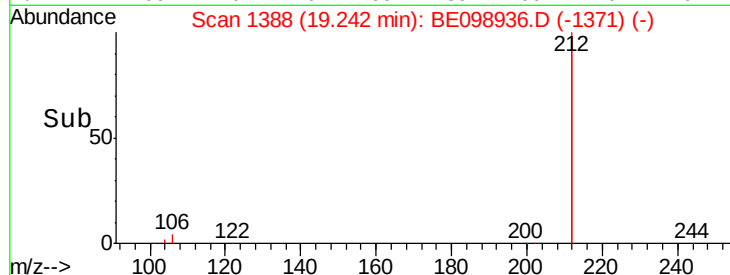
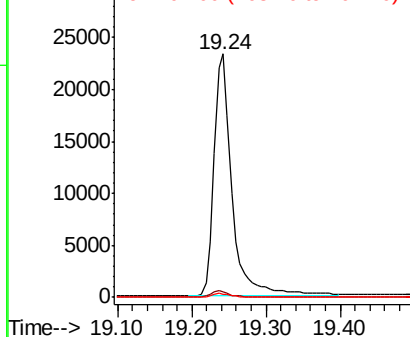


Abundance

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: 0.372 ng

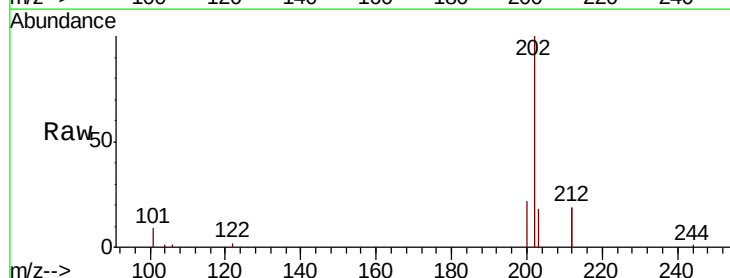
RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE098936.D

Acq: 14 Mar 2019 7:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.3	10.9
203	17.0	13.4	20.2

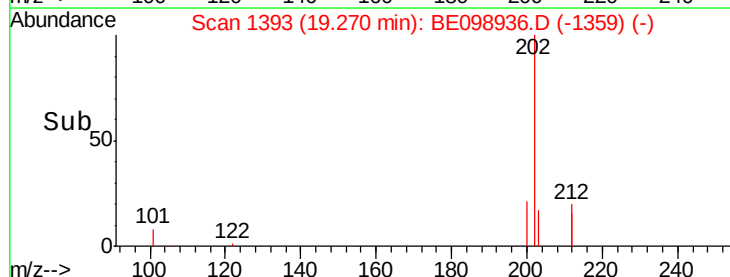
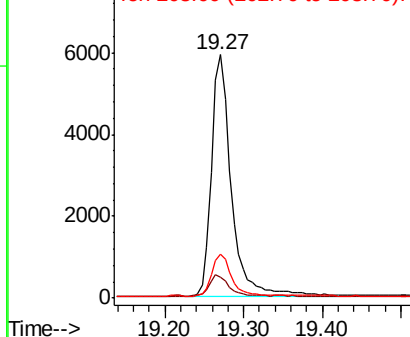


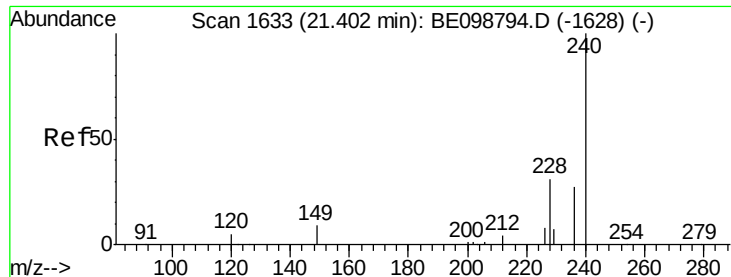
Abundance

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: BE098936.D

Acq: 14 Mar 2019 7:26

Instrument :

BNA_E

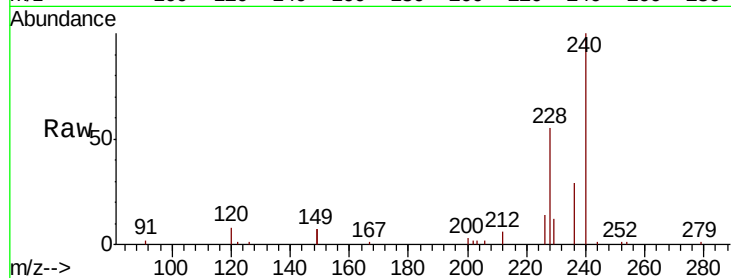
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.0	7.4#
236	28.7	22.7	34.1

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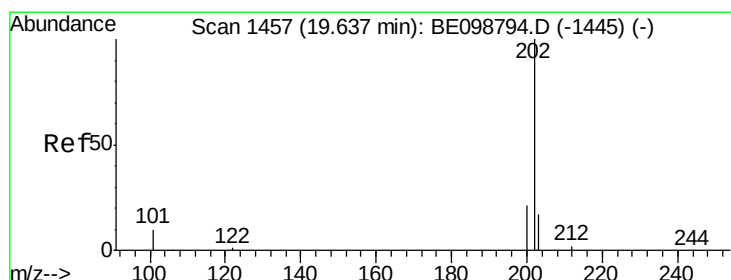
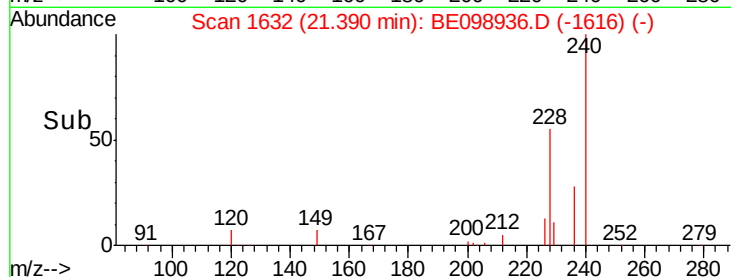
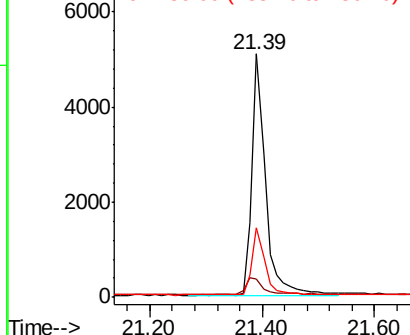


Abundance

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: 0.406 ng

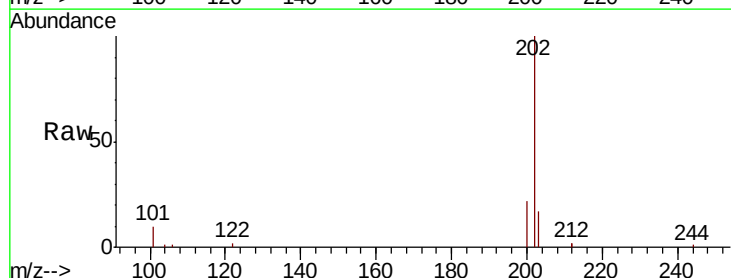
RT: 19.63 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BE098936.D

Acq: 14 Mar 2019 7:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.6
203	16.8	14.2	21.2

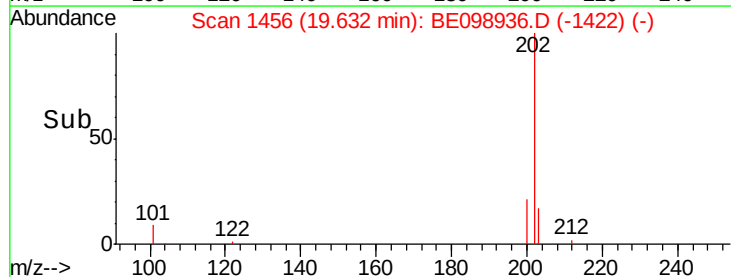
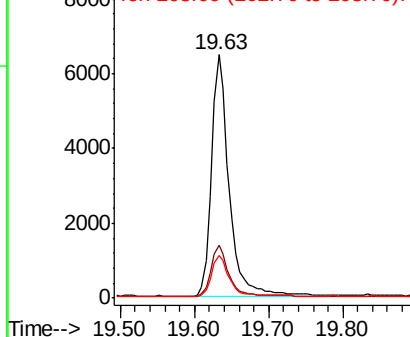


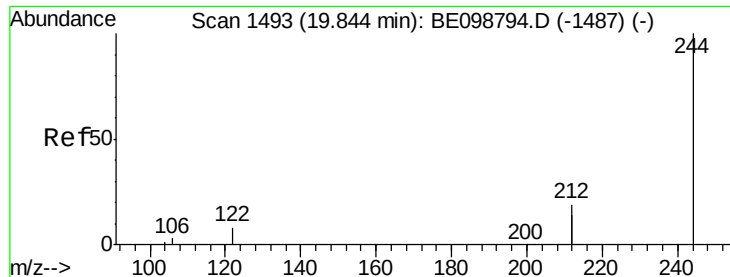
Abundance

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: 0.515 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098936.D

Acq: 14 Mar 2019 7:26

Instrument :

BNA_E

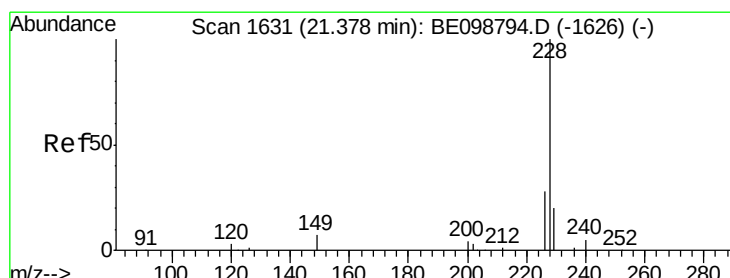
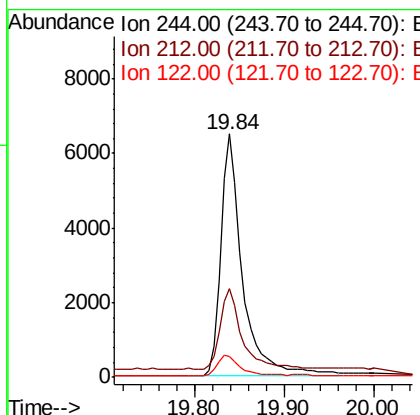
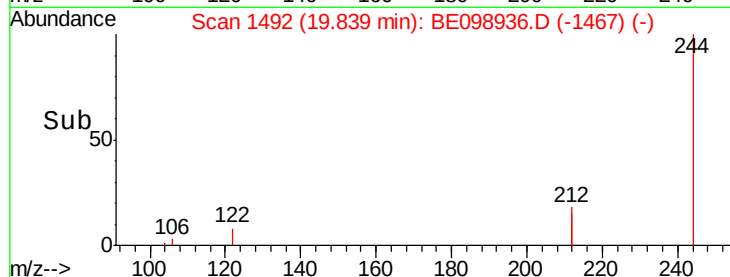
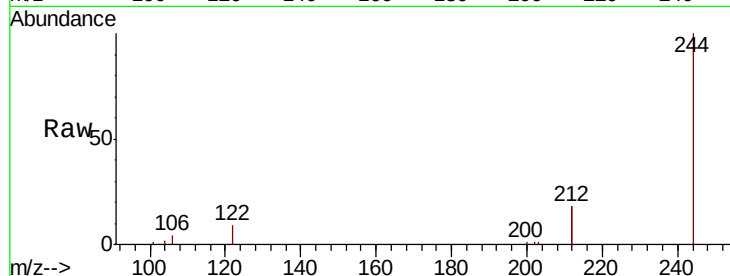
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	244	Resp:	10713
Ion Ratio	Lower	Upper	
244	100		
212	36.2	29.4	44.2
122	8.8	7.1	10.7

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#30

Benzo(a)anthracene

Concen: 0.360 ng

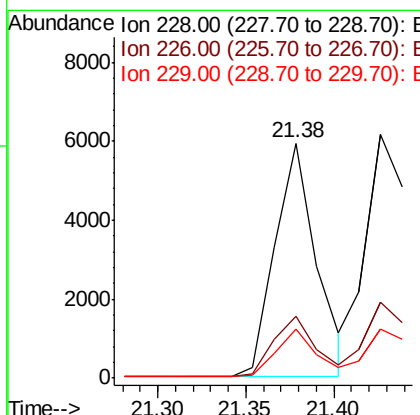
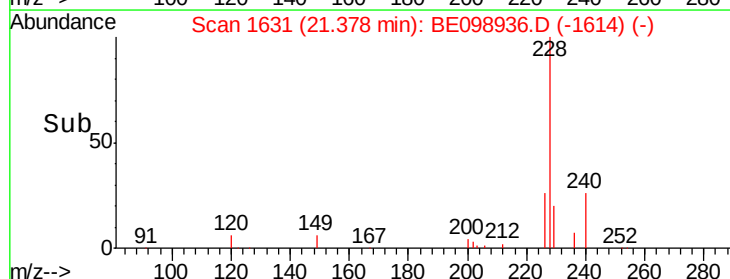
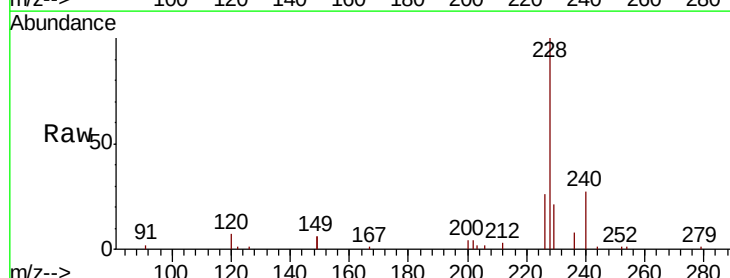
RT: 21.38 min Scan# 1631

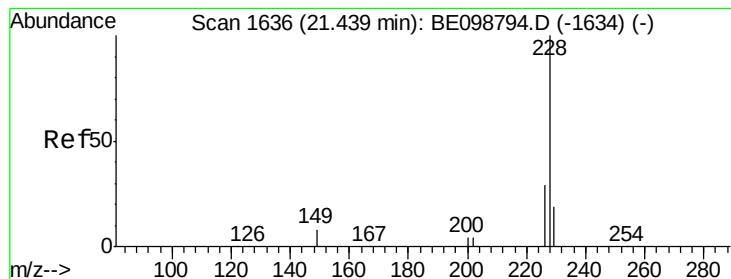
Delta R.T. 0.00 min

Lab File: BE098936.D

Acq: 14 Mar 2019 7:26

Tgt Ion:	228	Resp:	9626
Ion Ratio	Lower	Upper	
228	100		
226	26.4	23.0	34.4
229	20.8	16.5	24.7





#31

Chrysene

Concen: 0.389 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE098936.D

Acq: 14 Mar 2019 7:26

Instrument :

BNA_E

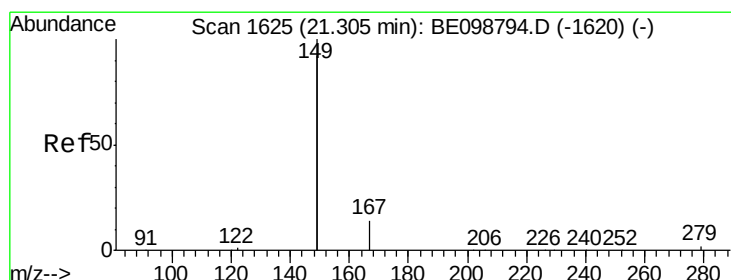
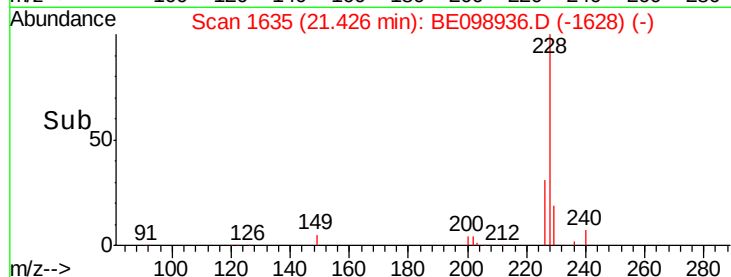
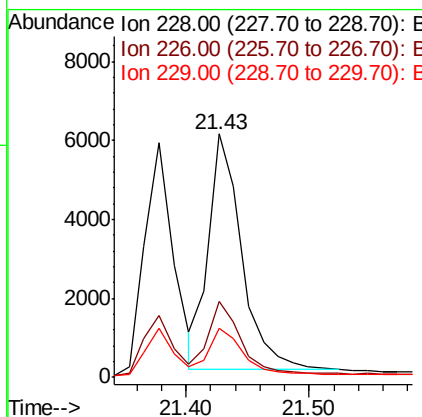
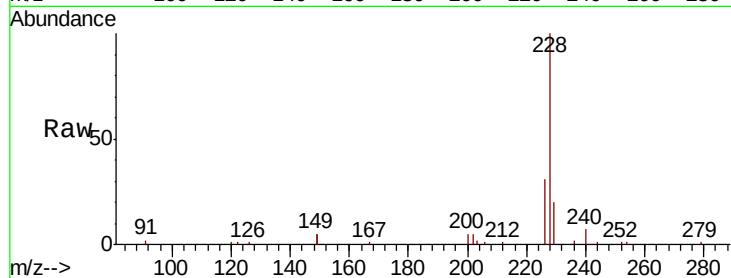
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	228	Resp:	11120
Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.7	35.5
229	19.9	16.1	24.1

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.320 ng

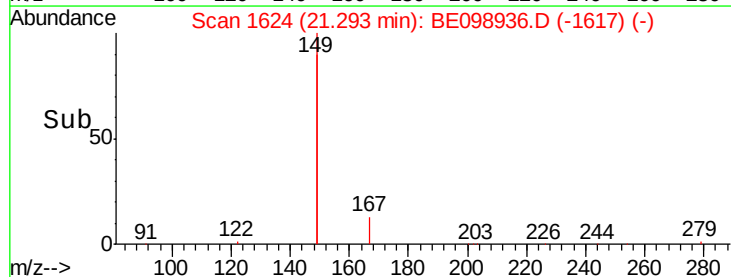
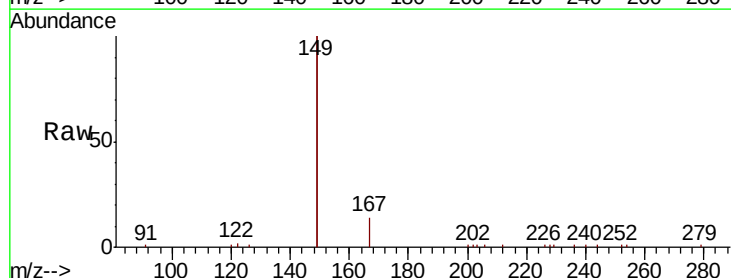
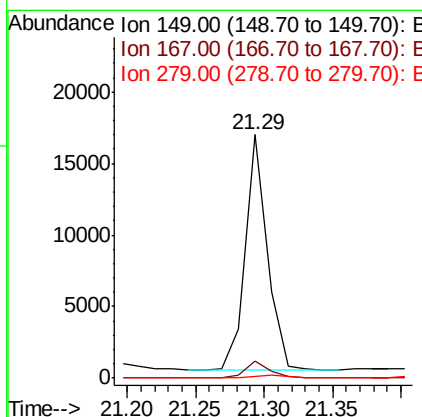
RT: 21.29 min Scan# 1624

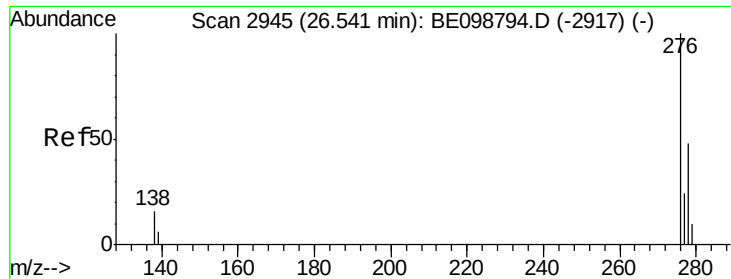
Delta R.T. -0.01 min

Lab File: BE098936.D

Acq: 14 Mar 2019 7:26

Tgt Ion:	149	Resp:	18194
Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	1.2	1.0	1.4





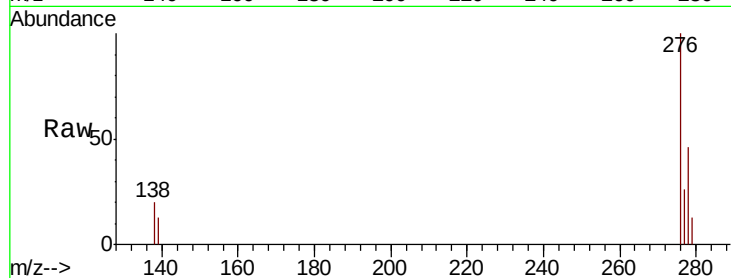
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.386 ng
RT: 26.53 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BE098936.D
Acq: 14 Mar 2019 7:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.0	13.8	20.8
277	23.3	19.5	29.3

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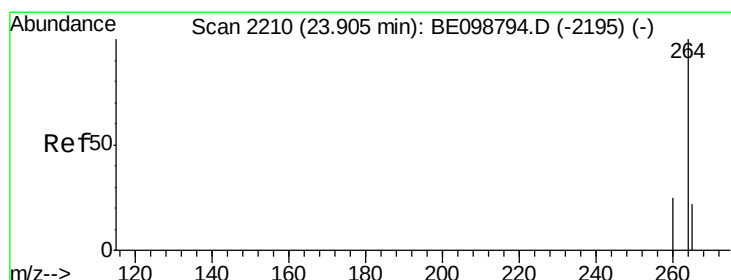
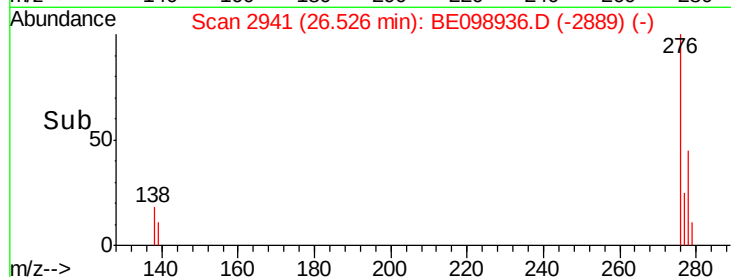
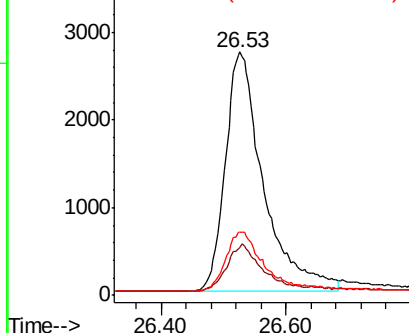


Abundance

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# 2207
Delta R.T. -0.01 min
Lab File: BE098936.D
Acq: 14 Mar 2019 7:26

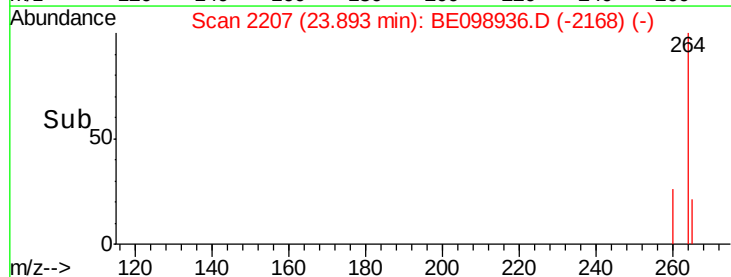
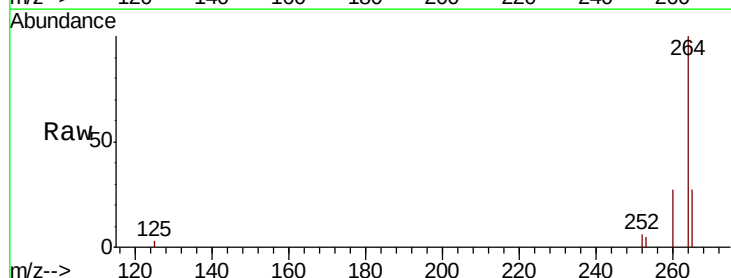
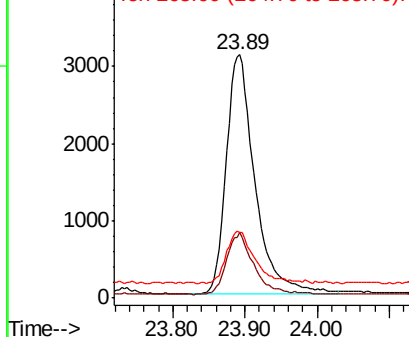
Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.2	31.8
265	27.0	24.6	36.8

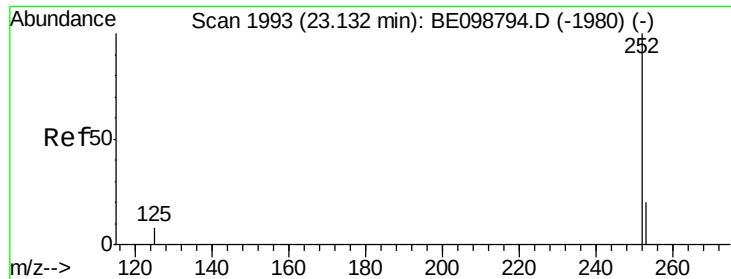
Abundance

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





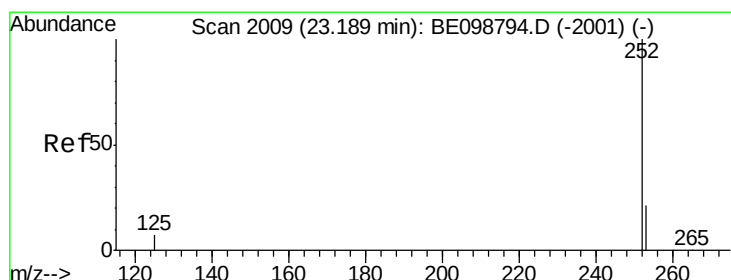
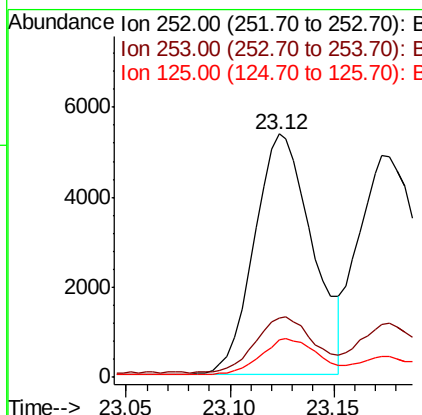
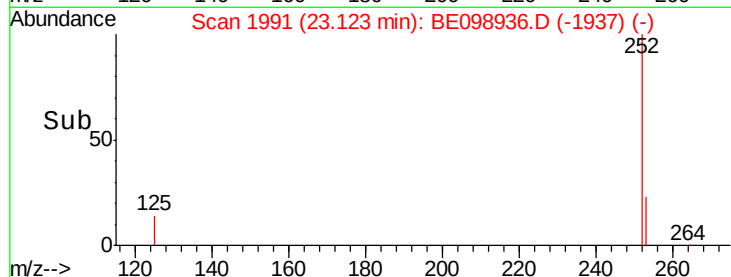
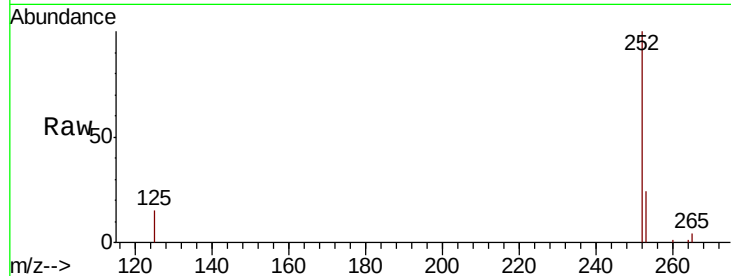
#35
Benzo(b)fluoranthene
Concen: 0.376 ng m
RT: 23.12 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BE098936.D
Acq: 14 Mar 2019 7:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.2
125	15.5	7.3	10.9

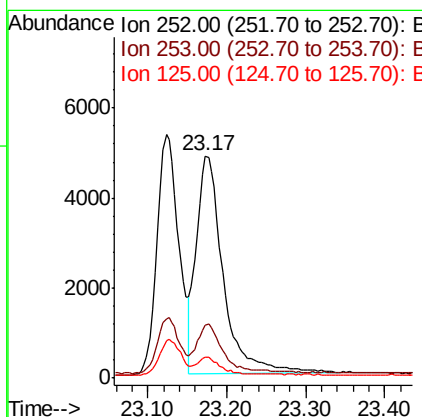
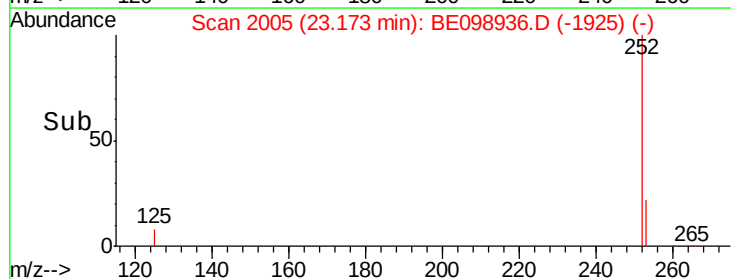
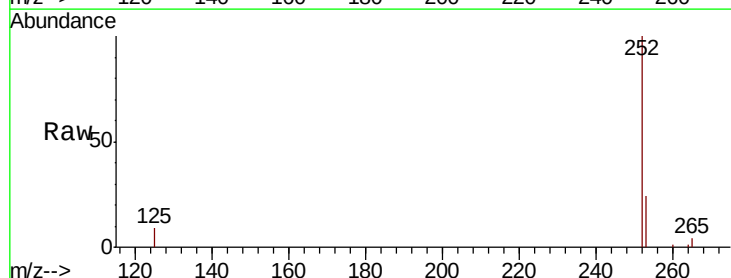
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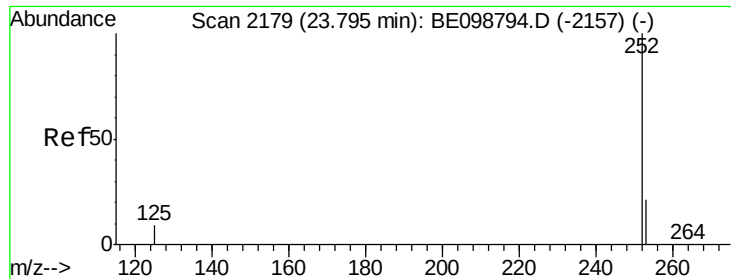
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#36
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 23.17 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BE098936.D
Acq: 14 Mar 2019 7:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.3	28.9
125	9.4	7.5	11.3





#37

Benzo(a)pyrene

Concen: 0.384 ng

RT: 23.78 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BE098936.D

Acq: 14 Mar 2019 7:26

Instrument :

BNA_E

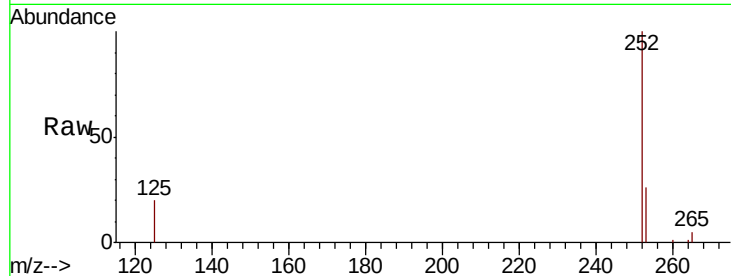
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	252	Resp:	10214
Ion Ratio	Lower	Upper	
252	100		
253	25.9	19.9	29.9
125	19.7	9.0	13.4

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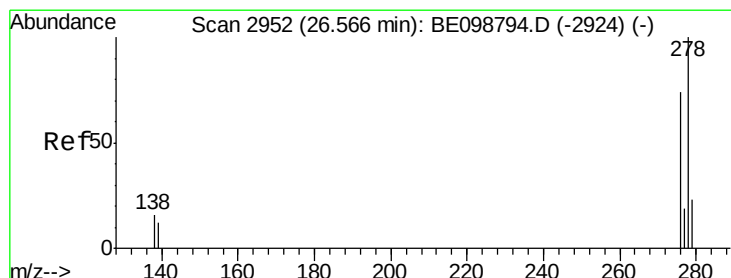
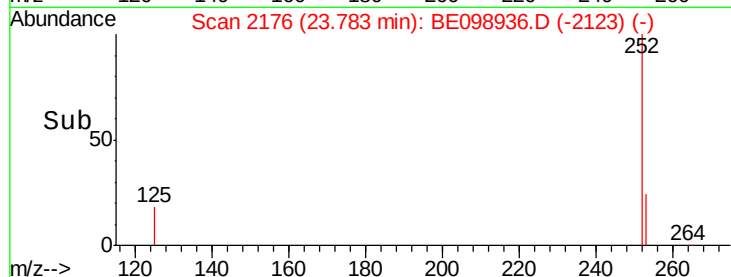
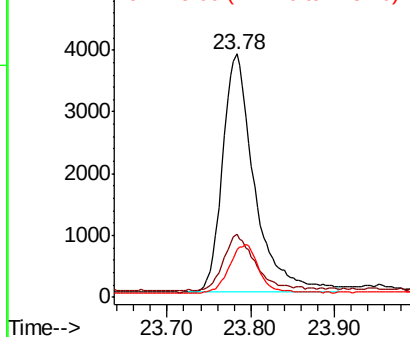


Abundance

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: 0.359 ng

RT: 26.55 min Scan# 2947

Delta R.T. -0.02 min

Lab File: BE098936.D

Acq: 14 Mar 2019 7:26

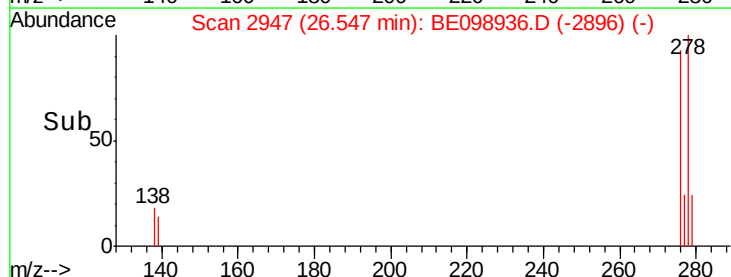
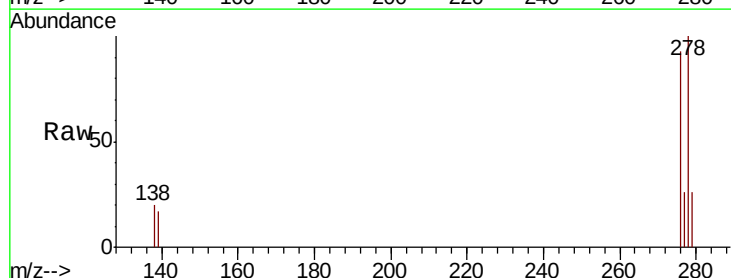
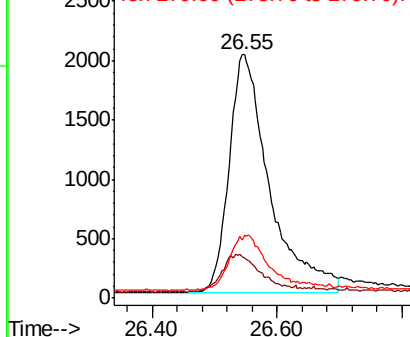
Tgt Ion:	278	Resp:	9024
Ion Ratio	Lower	Upper	
278	100		
139	16.6	11.8	17.6
279	26.0	21.1	31.7

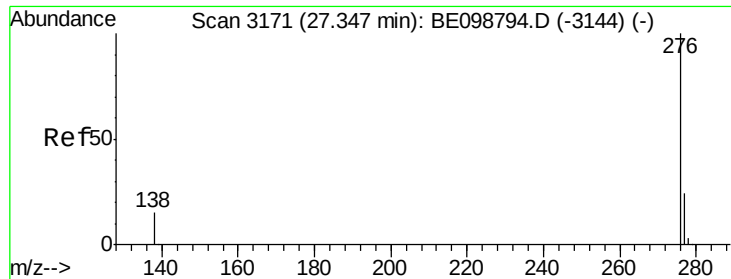
Abundance

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: 0.375 ng
 RT: 27.33 min Scan# 3166
 Delta R.T. -0.02 min
 Lab File: BE098936.D
 Acq: 14 Mar 2019 7:26

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.4	30.6
138	17.9	13.6	20.4

Manual Integrations
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