

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061219\
 Data File : BE099946.D
 Acq On : 12 Jun 2019 8:32
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:44:33 AM

Quant Time: Jun 13 04:24:54 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 10 14:57:20 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	840	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	3174	0.40	ng	-0.01
13) Acenaphthene-d10	14.44	164	2362	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	7491	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	8231	0.40	ng	-0.04
34) Perylene-d12	23.86	264	9335	0.40	ng	-0.07

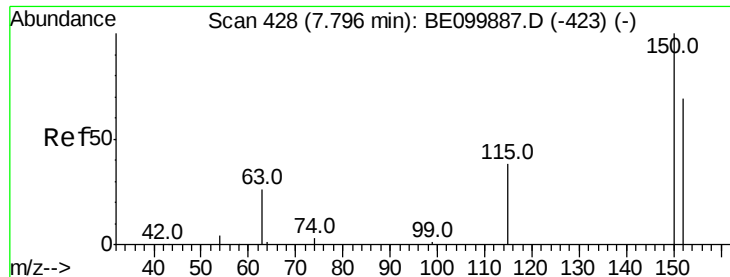
System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	763	0.34	ng	0.00
5) Phenol-d6	6.96	99	1065	0.36	ng	0.00
8) Nitrobenzene-d5	8.95	82	1122	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.18	152	2290	0.41	ng	-0.03
14) 2,4,6-Tribromophenol	15.94	330	443	0.25	ng	-0.03
15) 2-Fluorobiphenyl	13.07	172	3682	0.41	ng	-0.03
25) Fluoranthene-d10	19.21	212	38004	0.35	ng	-0.04
29) Terphenyl-d14	19.82	244	6641	0.45	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	525	0.422	ng	91
3) n-Nitrosodimethylamine	3.63	42	183m	0.255	ng	
6) bis(2-Chloroethyl)ether	7.22	93	914	0.383	ng	# 72
9) Naphthalene	10.63	128	14061	0.410	ng	99
10) Hexachlorobutadiene	10.90	225	1175	0.450	ng	99
12) 2-Methylnaphthalene	12.27	142	2248	0.404	ng	96
16) Acenaphthylene	14.17	152	4757	0.405	ng	99
17) Acenaphthene	14.50	154	2631	0.411	ng	98
18) Fluorene	15.49	166	3905	0.406	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	1761	0.415	ng	96
21) Hexachlorobenzene	16.48	284	1829	0.422	ng	99
22) Pentachlorophenol	16.93	266	100m	0.348	ng	
23) Phenanthrene	17.23	178	7052	0.388	ng	99
24) Anthracene	17.32	178	5841	0.350	ng	98
26) Fluoranthene	19.24	202	10863	0.352	ng	100
28) Pyrene	19.61	202	10834	0.501	ng	100
30) Benzo(a)anthracene	21.34	228	9919	0.403	ng	100
31) Chrysene	21.40	228	11492	0.452	ng	99
32) Bis(2-ethylhexyl)phthalate	21.26	149	11483	0.325	ng	100
33) Indeno(1,2,3-cd)pyrene	26.52	276	11621	0.385	ng	# 95
35) Benzo(b)fluoranthene	23.09	252	9571	0.366	ng	99
36) Benzo(k)fluoranthene	23.14	252	11788	0.431	ng	99
37) Benzo(a)pyrene	23.75	252	10171	0.395	ng	99
38) Dibenzo(a,h)anthracene	26.55	278	8362	0.322	ng	# 92
39) Benzo(g,h,i)perylene	27.33	276	10315	0.385	ng	# 97

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.78 min Scan# 427

Delta R.T. -0.01 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

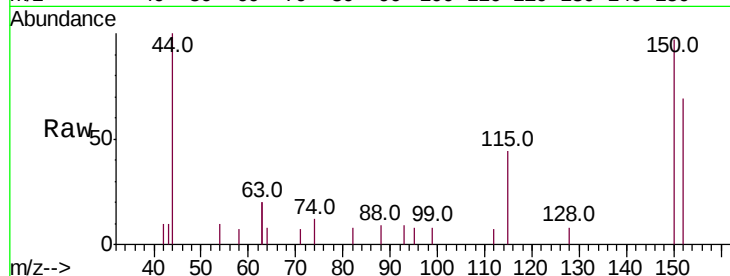
ClientSampleId :

SSTDCCC0.4

Tot Ion:	152	Resp:	840
Ion	Ratio	Lower	Upper
152	100		
150	141.2	111.0	166.6
115	63.8	50.7	76.1

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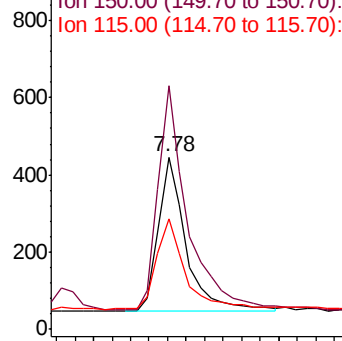


Abundance

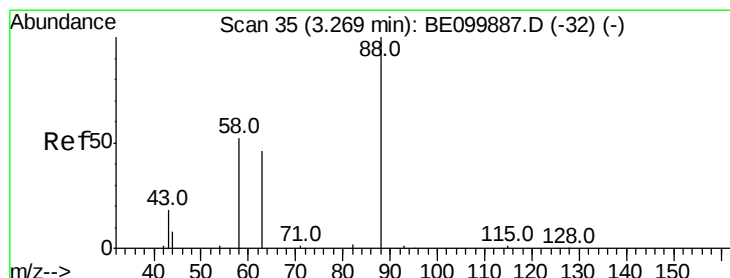
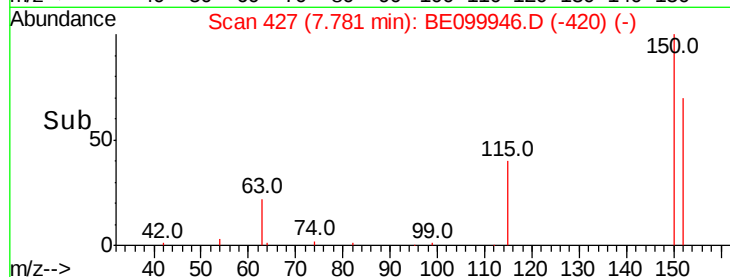
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 0.422 ng

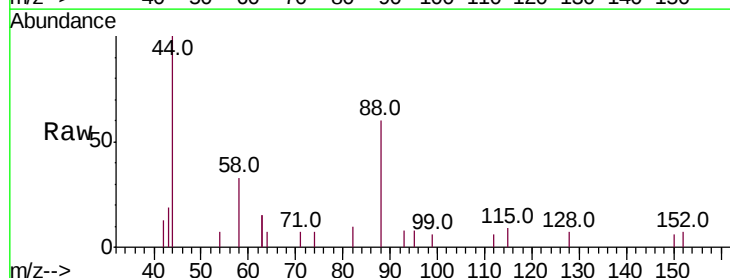
RT: 3.27 min Scan# 35

Delta R.T. -0.00 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Tgt Ion:	88	Resp:	525
Ion	Ratio	Lower	Upper
88	100		
58	52.6	48.8	73.2
43	22.7	19.0	28.6

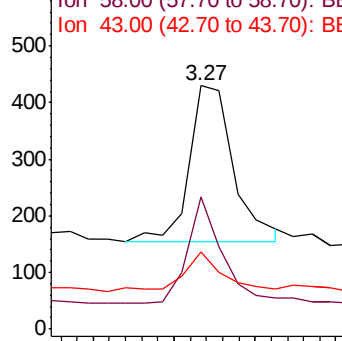


Abundance

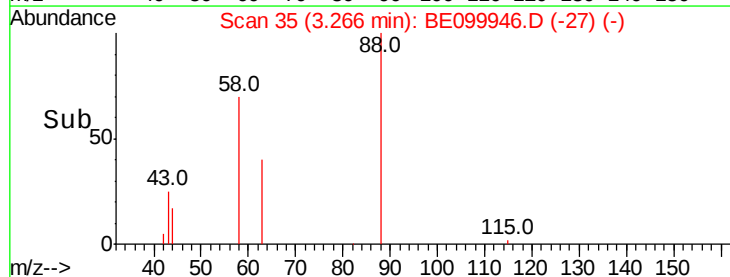
Ion 88.00 (87.70 to 88.70): BE0

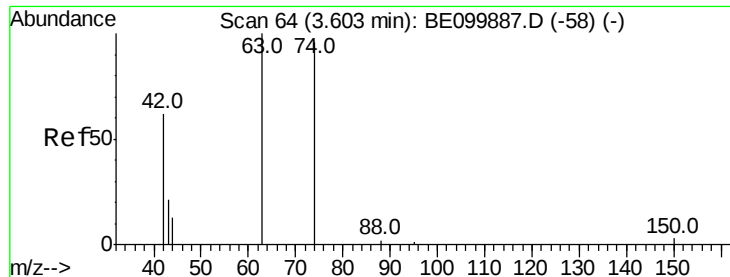
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.255 ng/ml

RT: 3.63 min Scan# 67

Delta R.T. 0.03 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

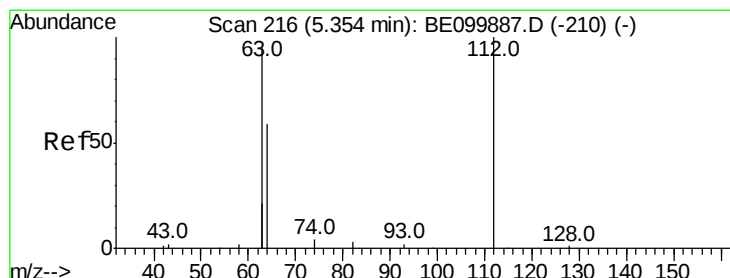
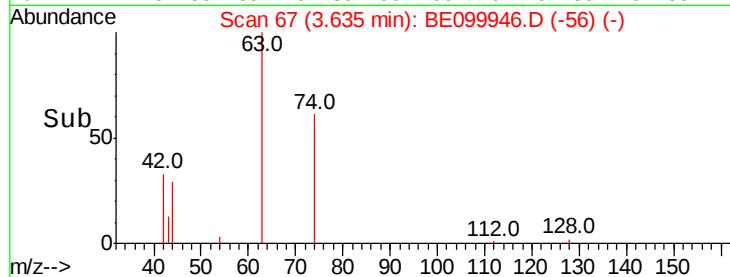
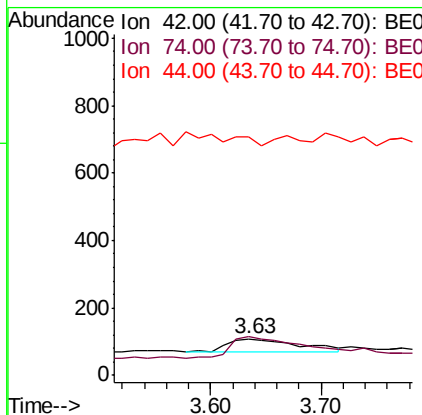
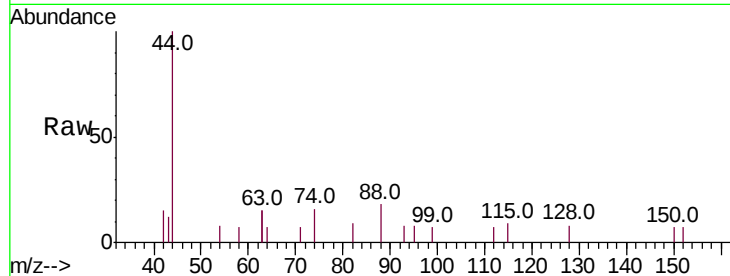
ClientSampleId :

SSTDCCC0.4

Tot Ion:	42	Resp:	183
Ion	Ratio	Lower	Upper
42	100		
74	70.5	0.0	0.0#
44	0.0	0.0	0.0

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#4

2-Fluorophenol

Concen: 0.336 ng/ml

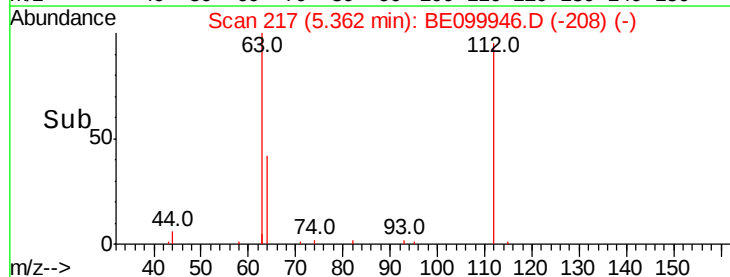
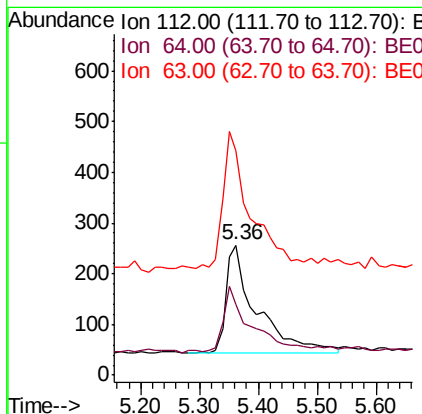
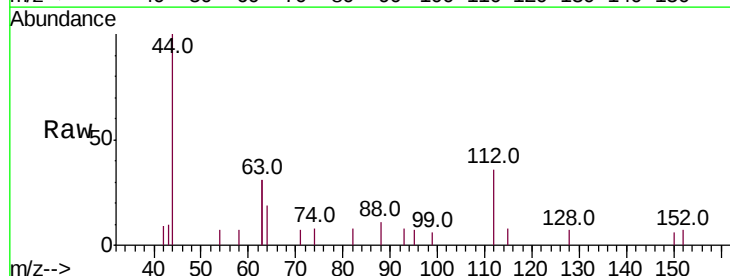
RT: 5.36 min Scan# 217

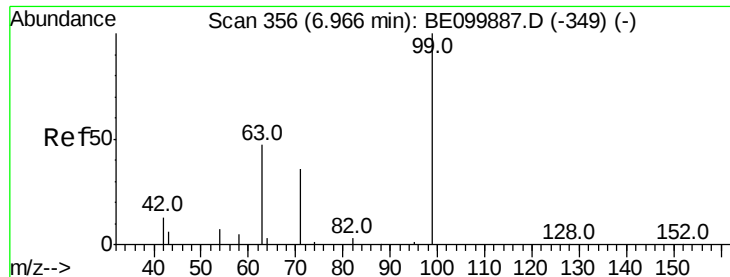
Delta R.T. 0.01 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Tgt Ion:	112	Resp:	763
Ion	Ratio	Lower	Upper
112	100		
64	59.9	44.1	66.1
63	114.5	87.8	131.6





#5

Phenol-d6

Concen: 0.365 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

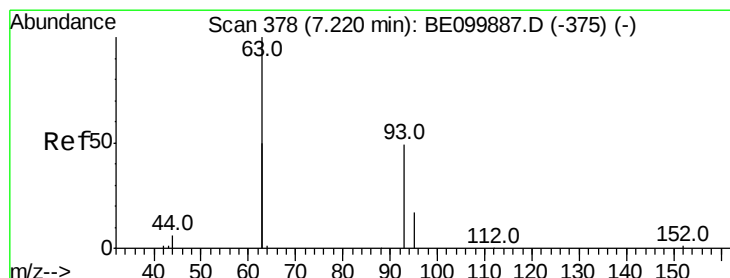
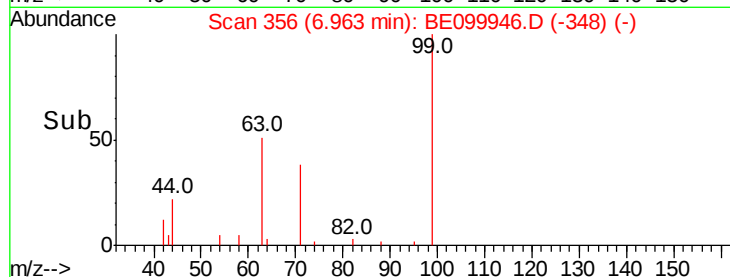
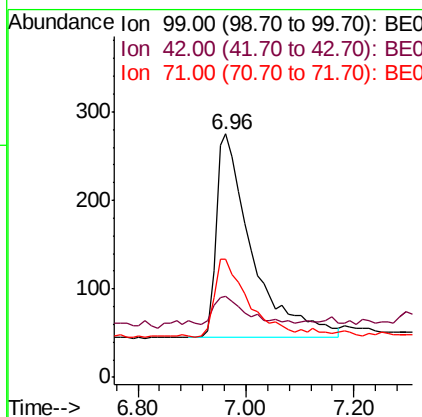
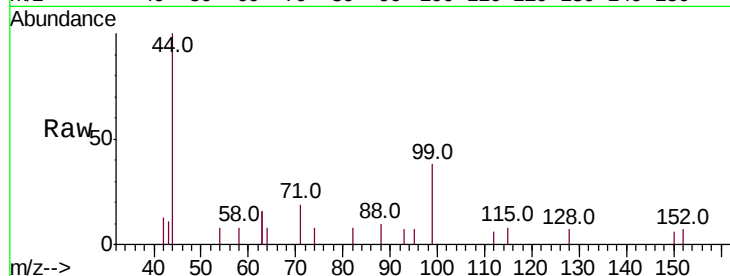
ClientSampleId :

SSTDCCC0.4

Tot Ion:	99	Resp:	1065
Ion	Ratio	Lower	Upper
99	100		
42	12.5	15.9	23.9#
71	36.8	34.6	52.0

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#6

bis(2-Chloroethyl)ether

Concen: 0.383 ng

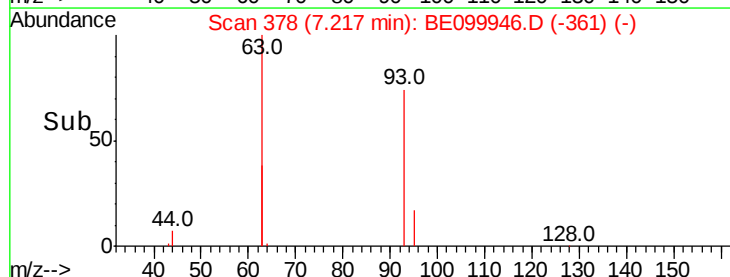
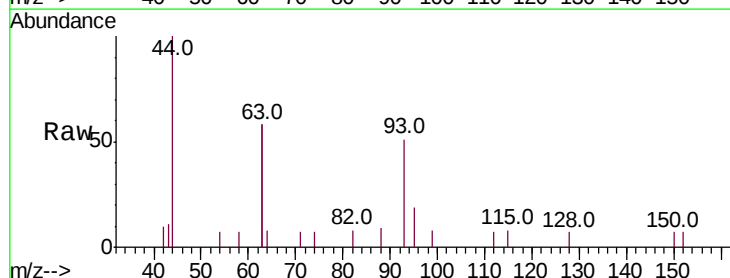
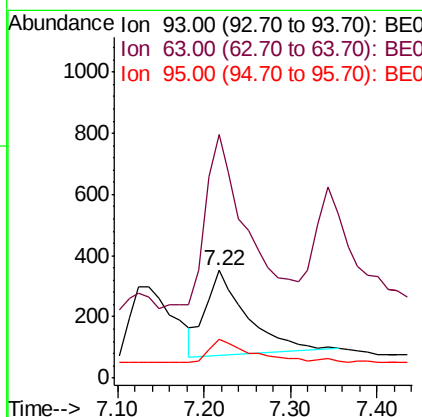
RT: 7.22 min Scan# 378

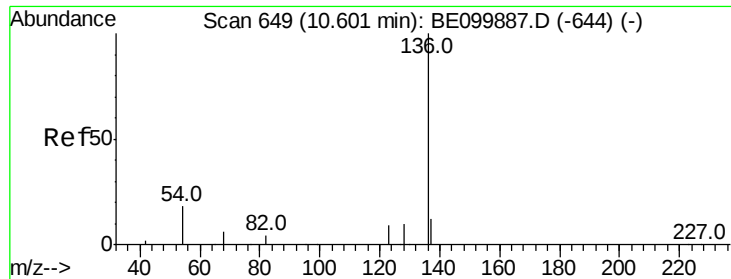
Delta R.T. -0.00 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Tgt Ion:	93	Resp:	914
Ion	Ratio	Lower	Upper
93	100		
63	197.8	202.8	304.2#
95	28.9	23.7	35.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

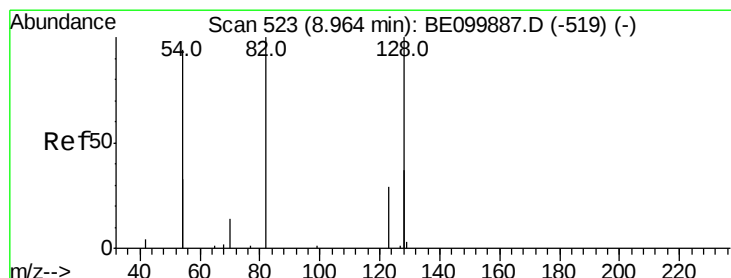
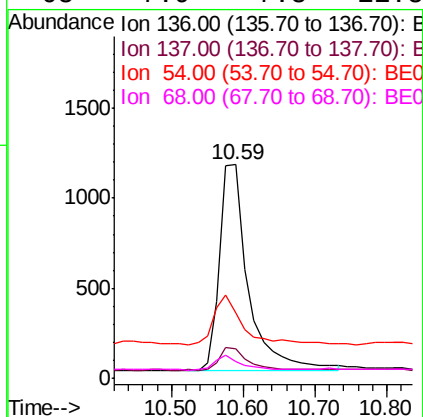
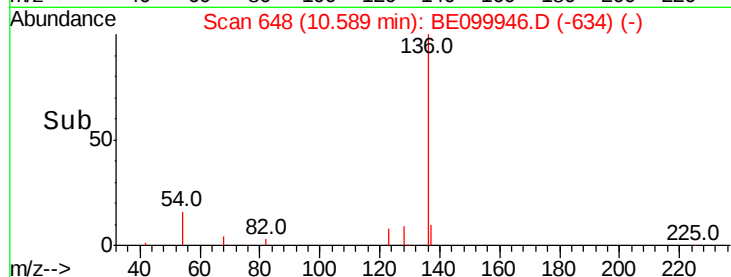
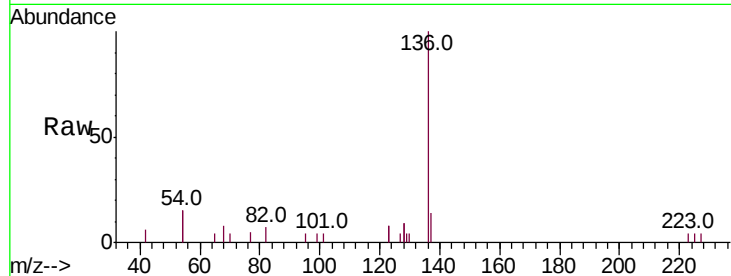
ClientSampleId :

SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
136	100		
137	13.7	12.3	18.5
54	30.3	28.2	42.4
68	7.9	7.8	11.8

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#8

Nitrobenzene-d5

Concen: 0.373 ng

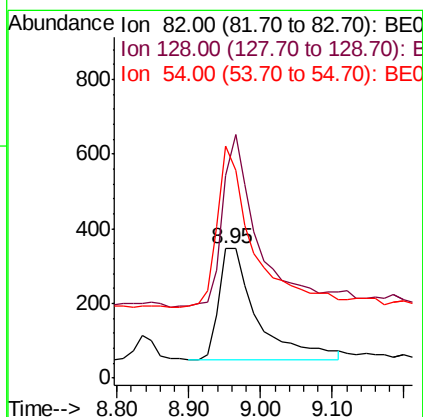
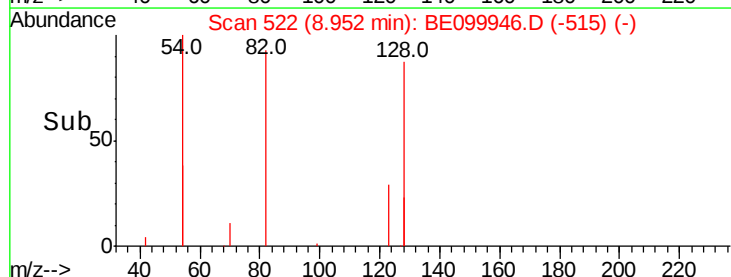
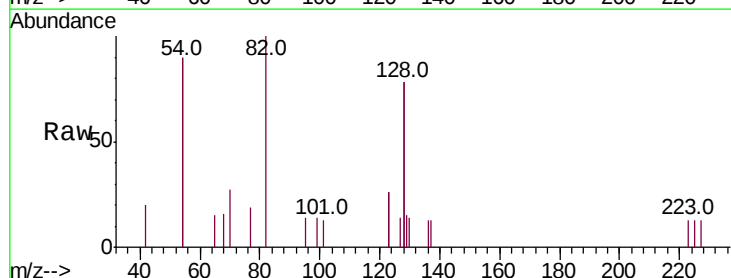
RT: 8.95 min Scan# 522

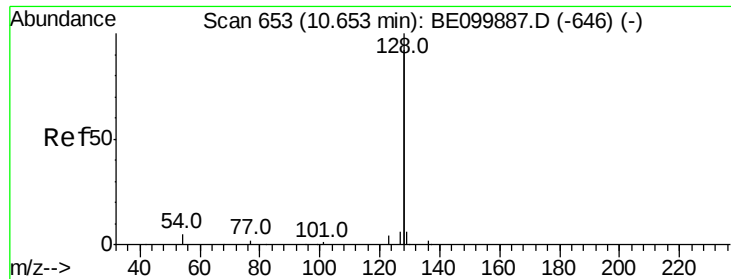
Delta R.T. -0.01 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Tgt Ion	Ratio	Lower	Upper
82	100		
128	156.2	137.3	205.9
54	179.3	129.7	194.5





#9

Naphthalene

Concen: 0.410 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.03 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

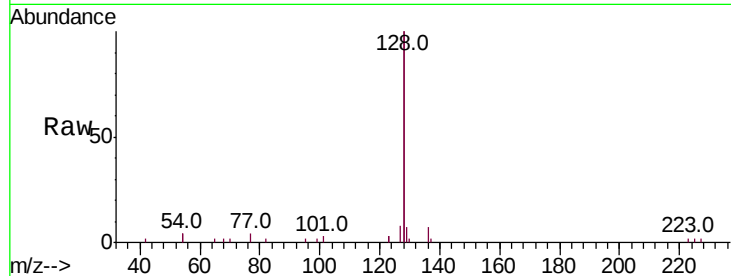
ClientSampleId :

SSTDCCC0.4

Tot Ion:	128	Resp:	14061
Ion Ratio	Lower	Upper	
128	100		
129	3.3	3.0	4.6
127	3.9	3.4	5.0

Manual Integrations
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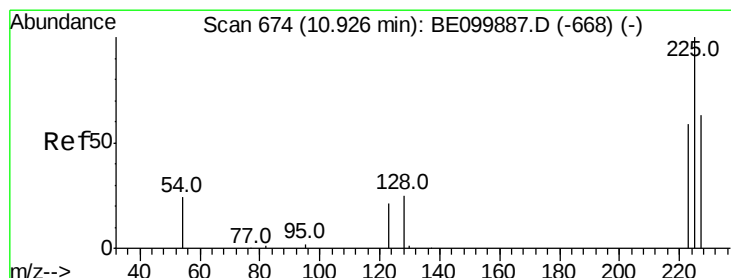
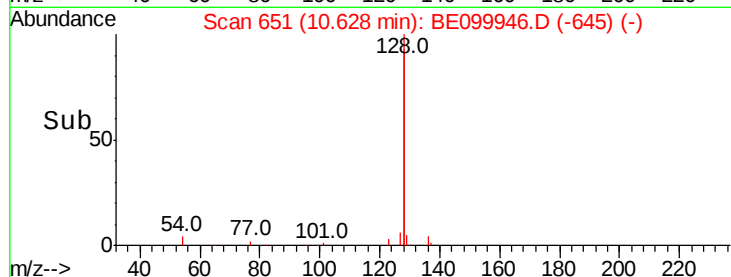
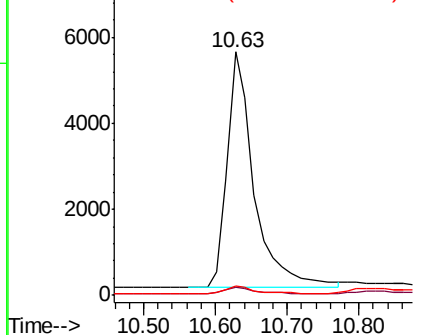
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.450 ng

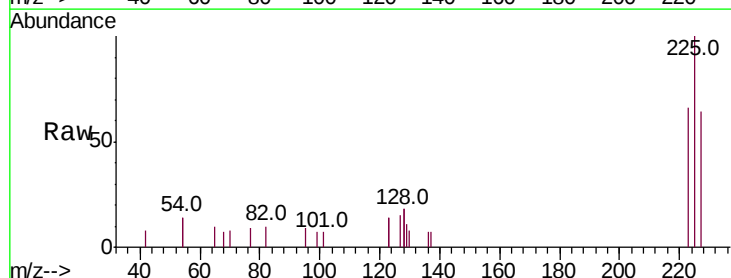
RT: 10.90 min Scan# 672

Delta R.T. -0.03 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

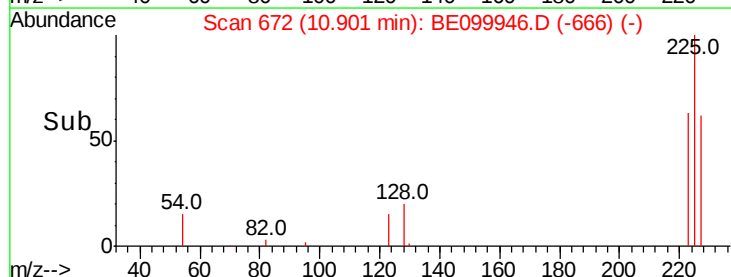
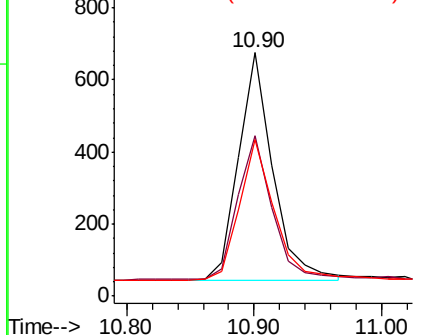
Tgt Ion:	225	Resp:	1175
Ion Ratio	Lower	Upper	
225	100		
223	63.6	51.6	77.4
227	63.3	50.6	76.0

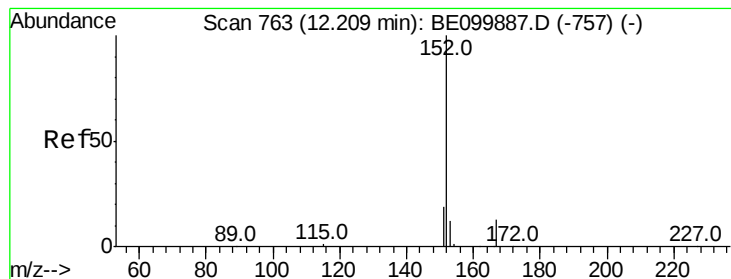


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





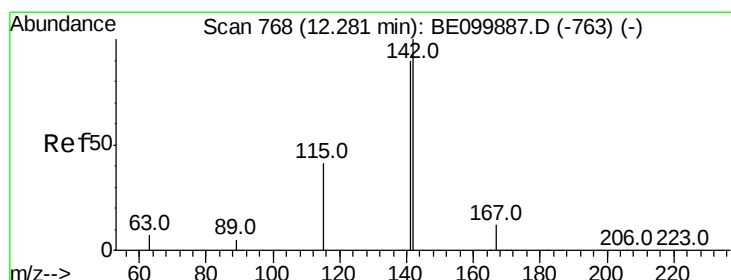
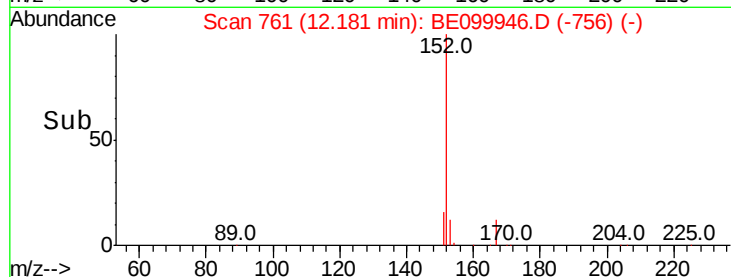
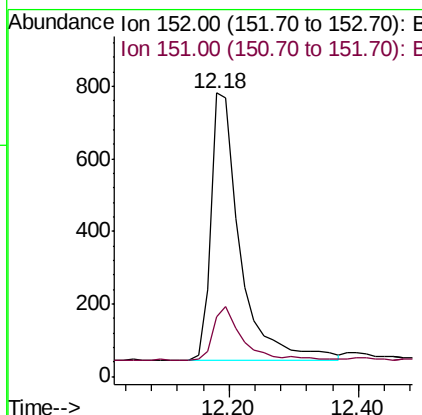
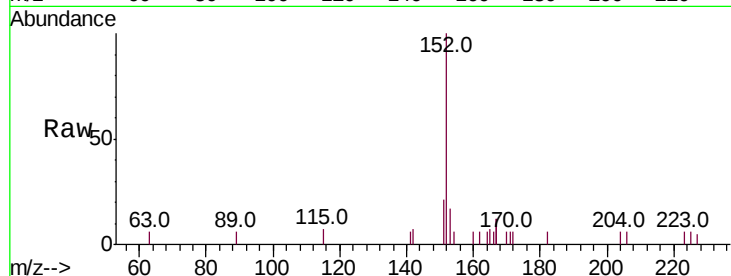
#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.2	22.8

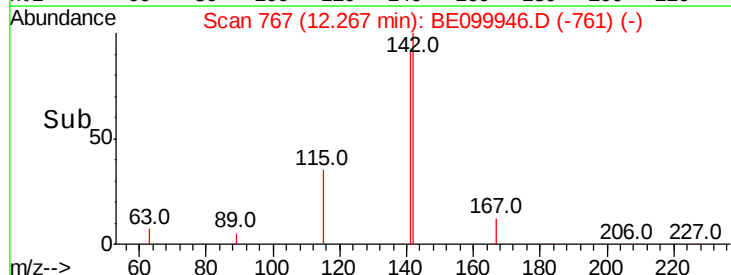
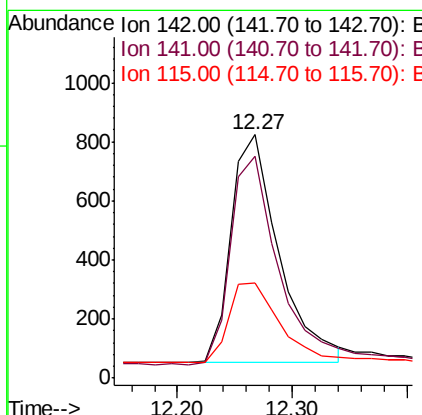
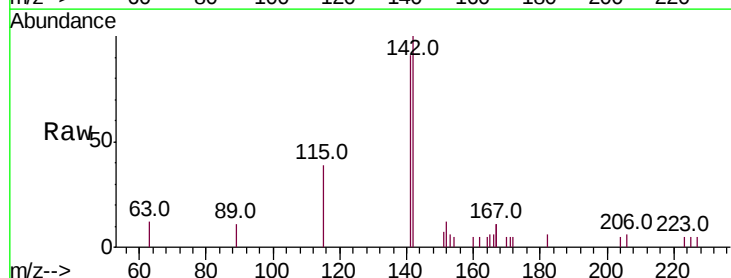
Manual Integrations
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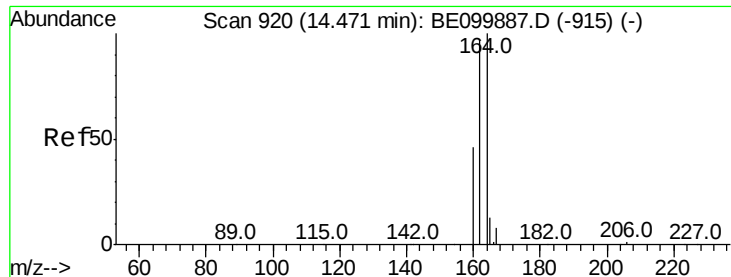
mohammad
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#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.01 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.3	108.5
115	39.2	36.4	54.6





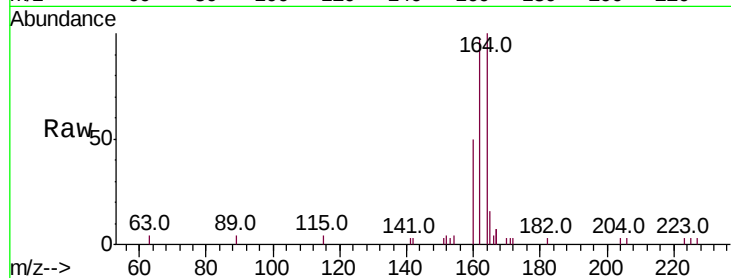
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

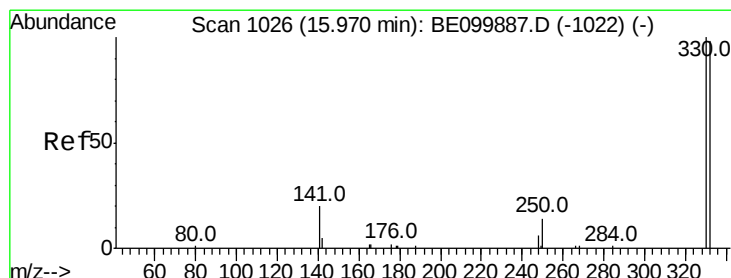
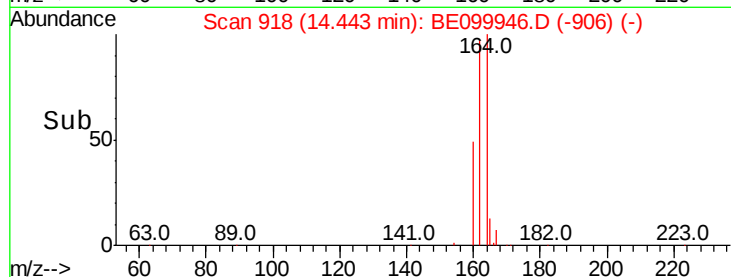
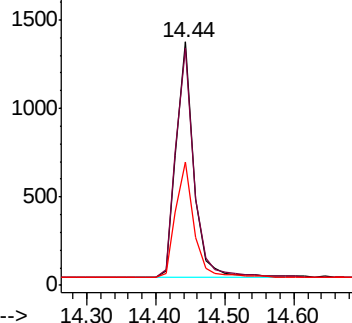
Tot Ion	Ratio	Lower	Upper
164	100		
162	97.2	77.8	116.8
160	50.4	38.2	57.4

Manual Integrations
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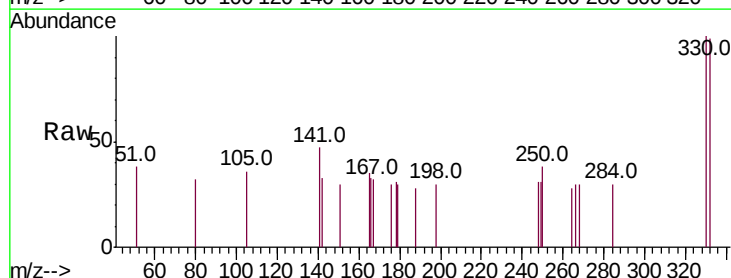


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

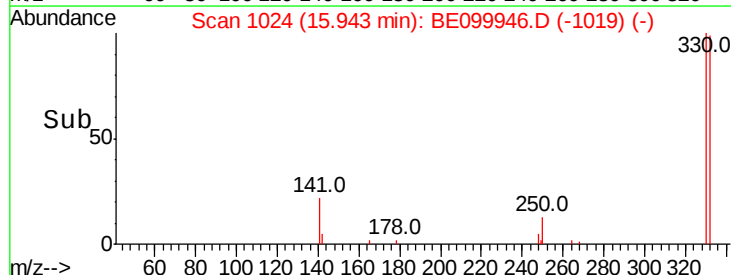
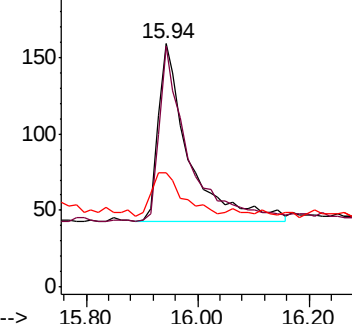


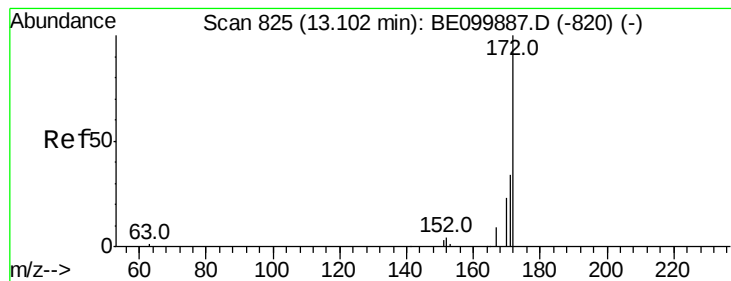
#14
2,4,6-Tribromophenol
Concen: 0.254 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.7	115.1
141	26.2	21.0	31.6



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





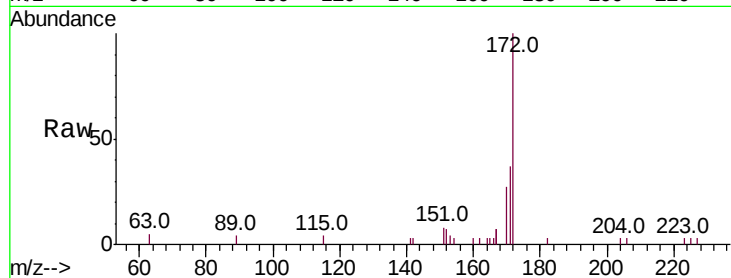
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.2	43.8
170	26.8	21.2	31.8

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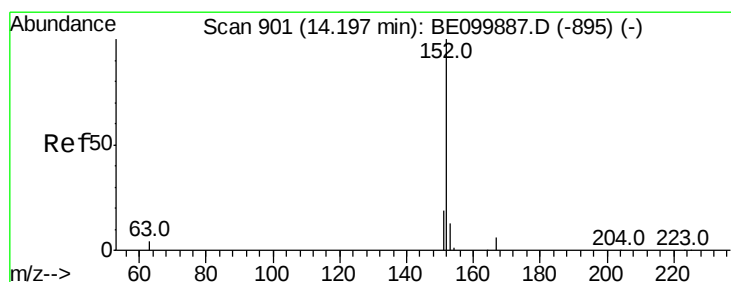
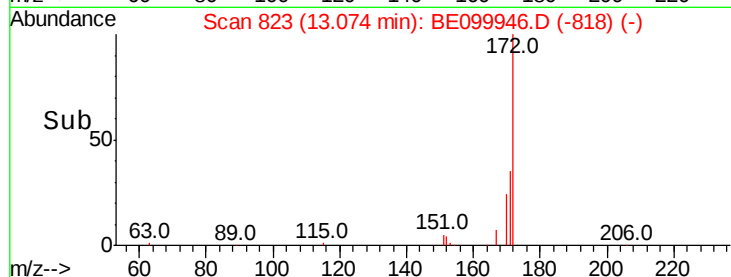
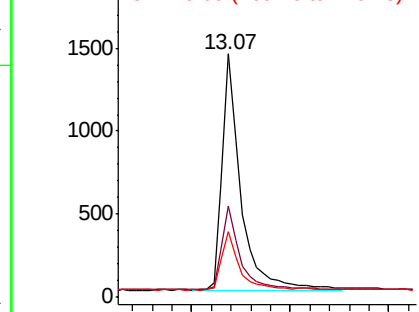


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.405 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

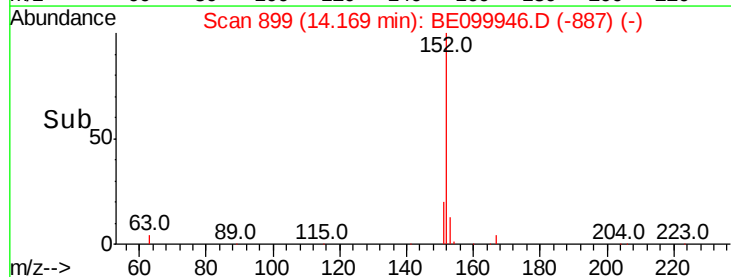
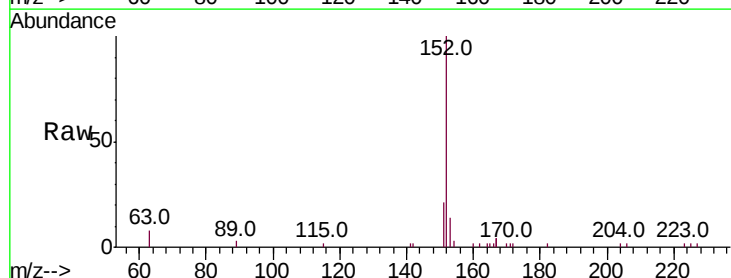
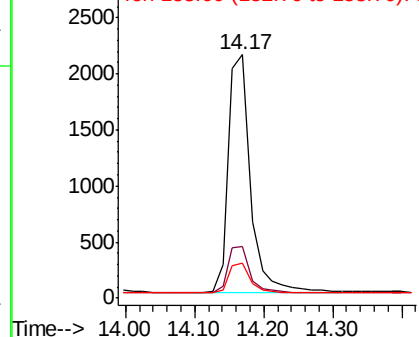
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.5	23.3
153	12.5	10.2	15.2

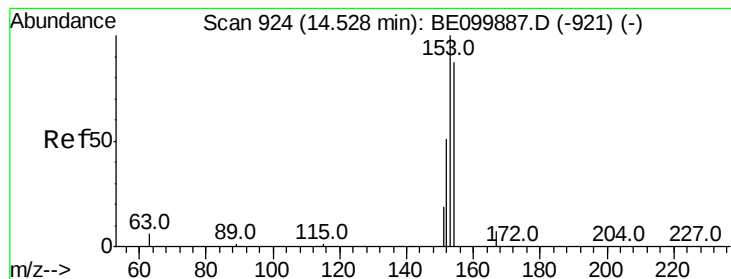
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.411 ng

RT: 14.50 min Scan# 922

Delta R.T. -0.03 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

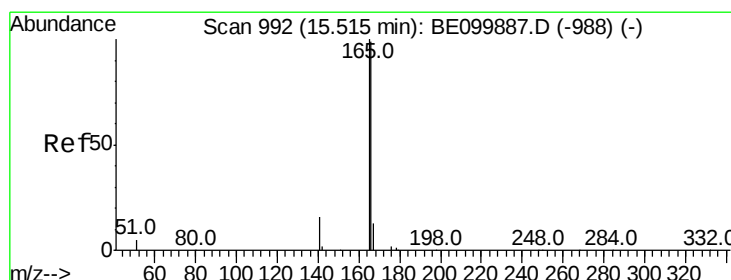
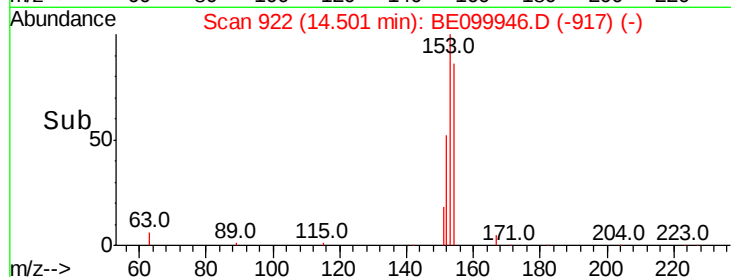
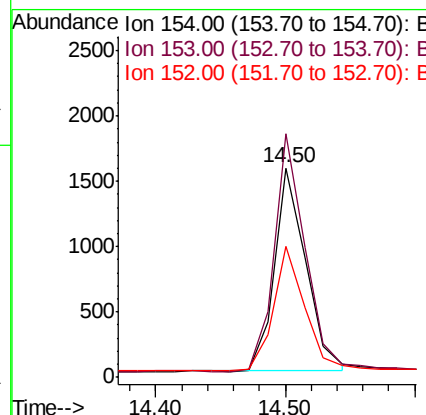
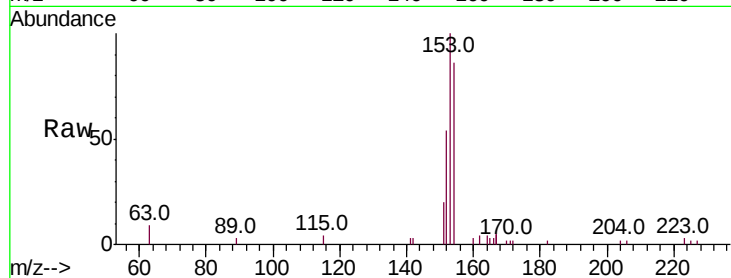
ClientSampleId :

SSTDCCC0.4

Tot Ion:	154	Resp:	2631
Ion Ratio	Lower	Upper	
154	100		
153	115.0	93.1	139.7
152	61.2	47.0	70.4

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#18

Fluorene

Concen: 0.406 ng

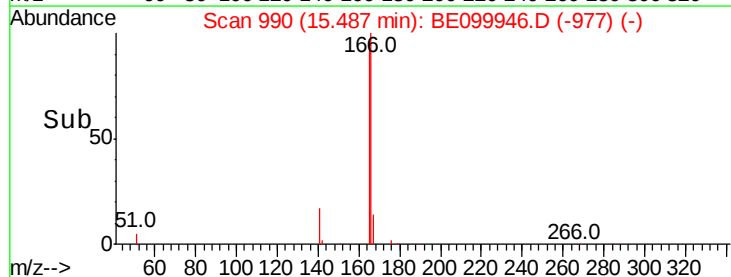
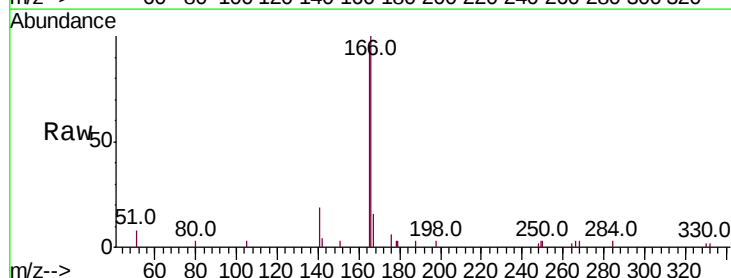
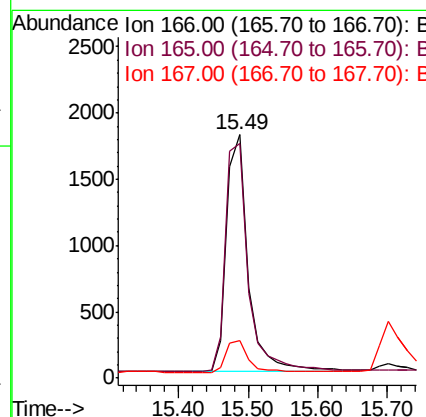
RT: 15.49 min Scan# 990

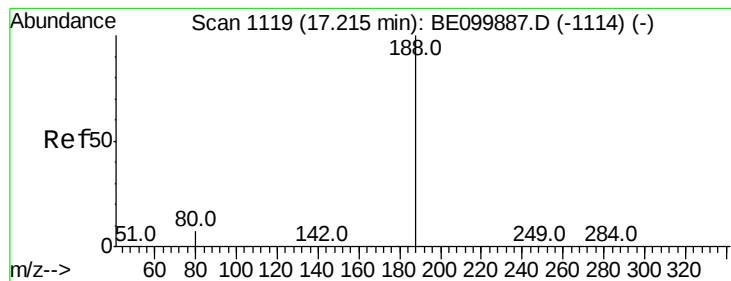
Delta R.T. -0.03 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Tgt Ion:	166	Resp:	3905
Ion Ratio	Lower	Upper	
166	100		
165	100.9	81.8	122.8
167	13.9	11.2	16.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

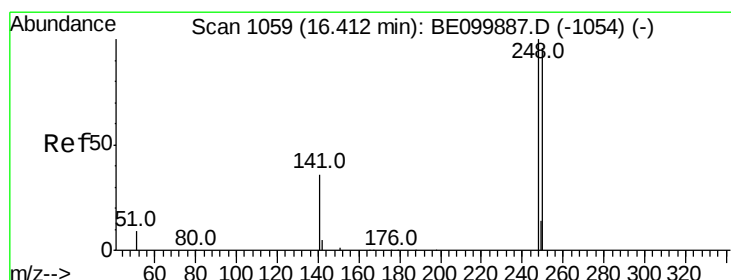
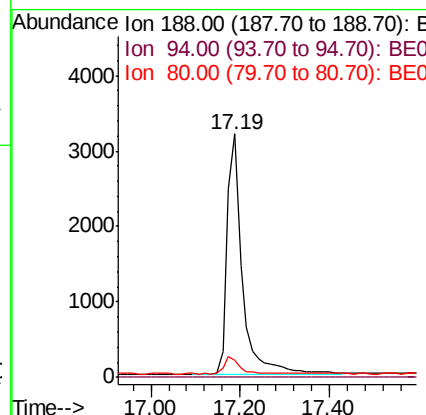
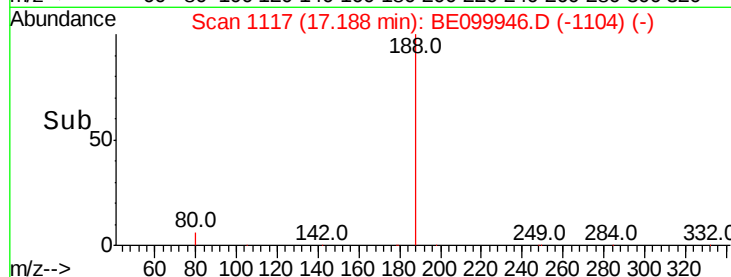
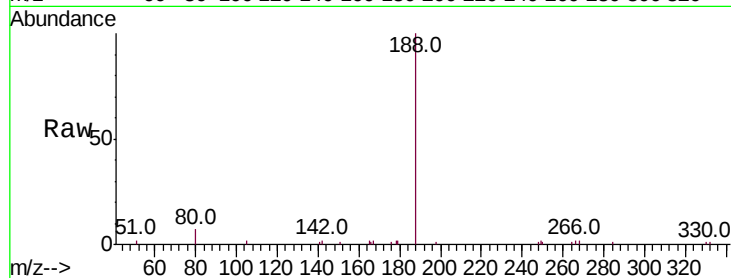
ClientSampleId :

SSTDCCC0.4

Tot Ion:	188	Resp:	7491
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.9	6.4	9.6

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#20

4-Bromophenyl-phenylether

Concen: 0.415 ng

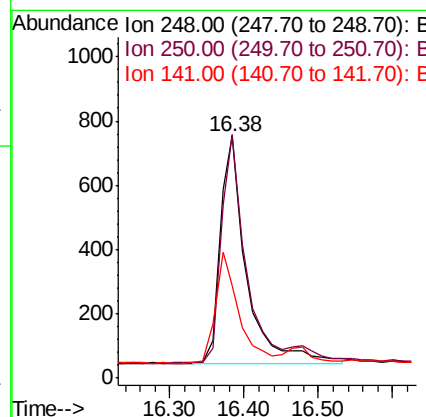
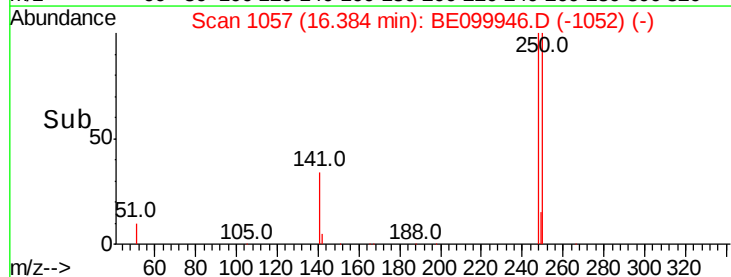
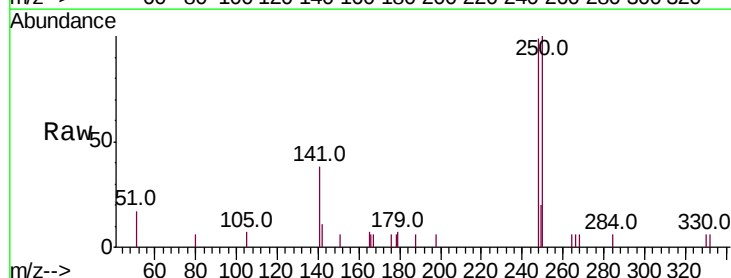
RT: 16.38 min Scan# 1057

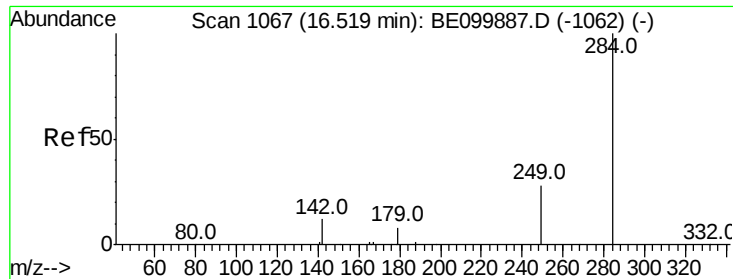
Delta R.T. -0.03 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Tgt Ion:	248	Resp:	1761
Ion Ratio	Lower	Upper	
248	100		
250	100.5	77.5	116.3
141	37.9	31.8	47.8





#21

Hexachlorobenzene

Concen: 0.422 ng

RT: 16.48 min Scan# 1064

Delta R.T. -0.04 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

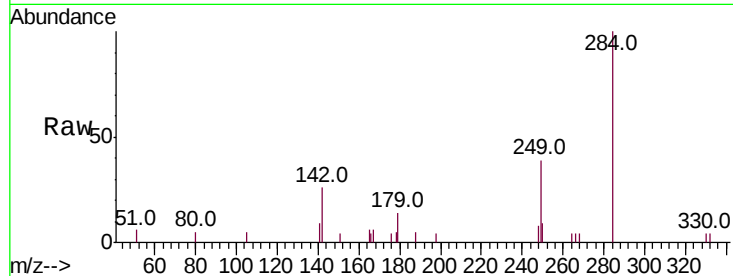
ClientSampled :

SSTDCCC0.4

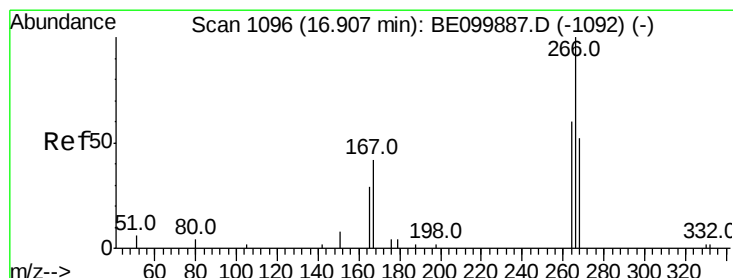
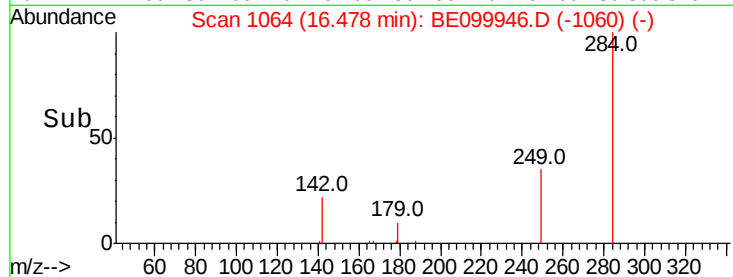
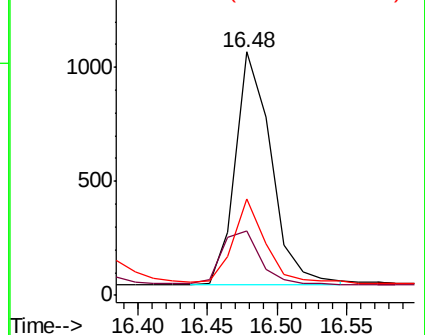
Tot Ion:	284	Resp:	1829
Ion Ratio	Lower	Upper	
284	100		
142	24.1	18.2	27.4
249	31.2	24.6	37.0

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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: 0.348 ng m

RT: 16.93 min Scan# 1098

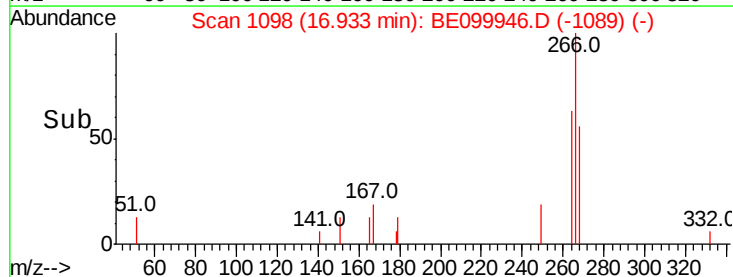
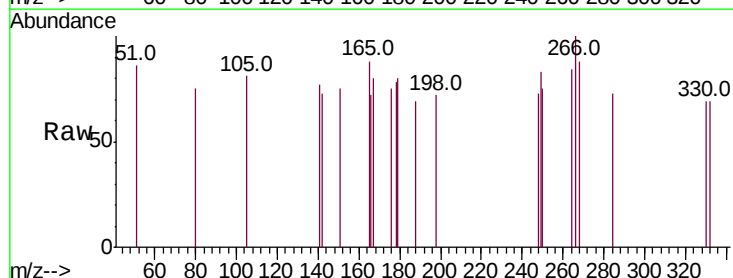
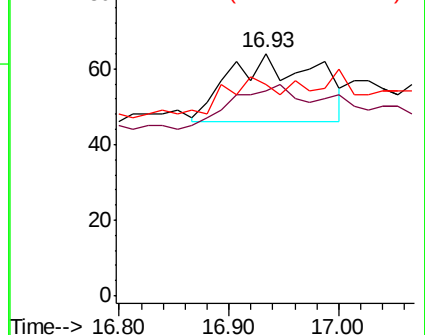
Delta R.T. 0.03 min

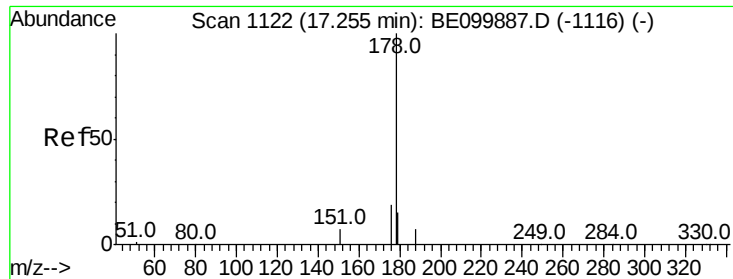
Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Tgt Ion:	266	Resp:	100
Ion Ratio	Lower	Upper	
266	100		
264	84.4	62.2	93.2
268	87.5	65.5	98.3

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: 0.388 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

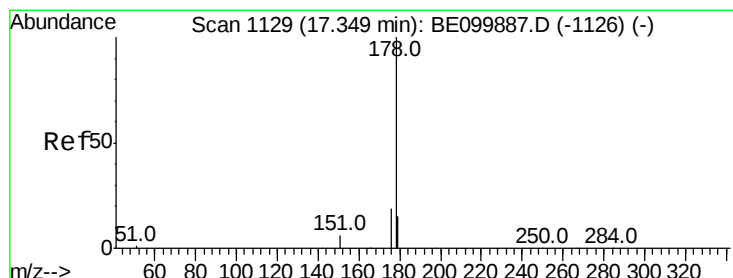
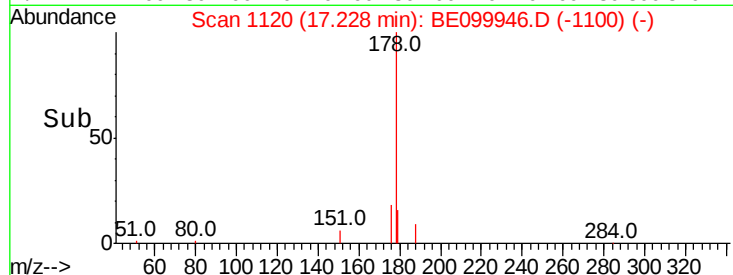
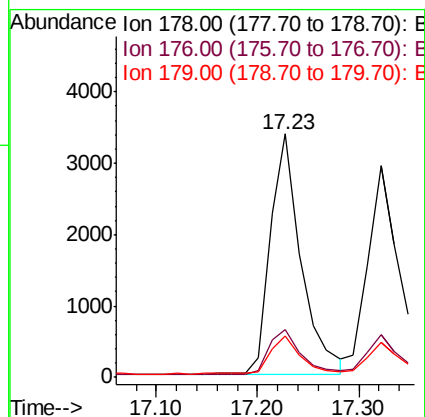
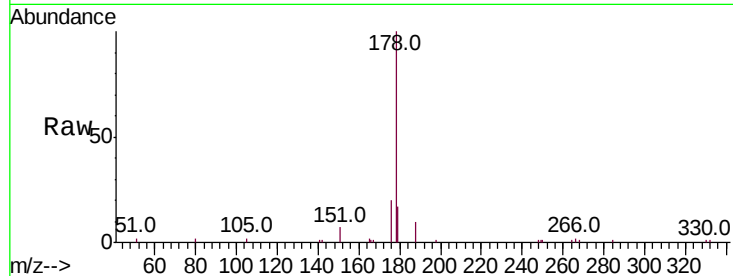
ClientSampleId :

SSTDCCC0.4

Tot Ion:	178	Resp:	7052
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.4	12.4	18.6

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#24

Anthracene

Concen: 0.350 ng

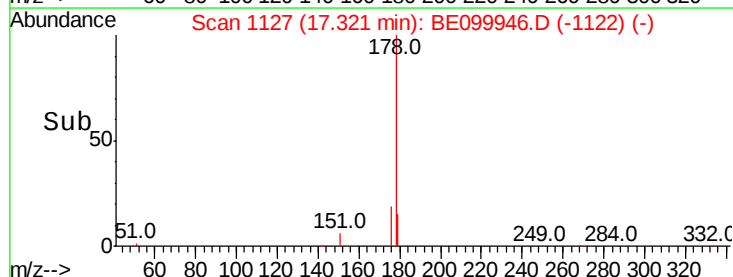
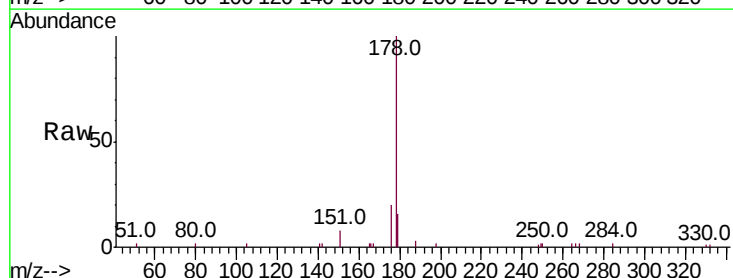
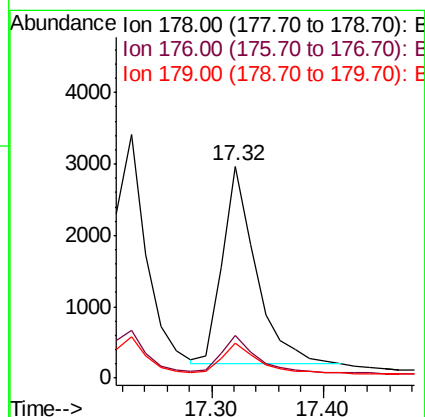
RT: 17.32 min Scan# 1127

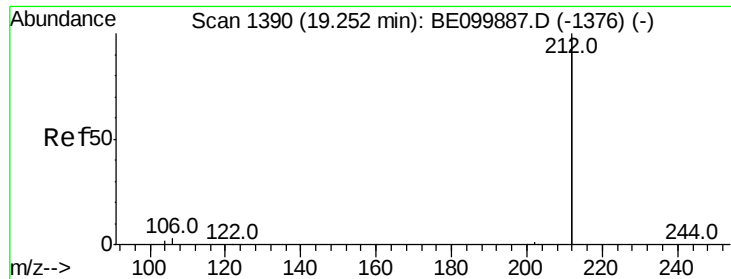
Delta R.T. -0.03 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Tgt Ion:	178	Resp:	5841
Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.6	22.0
179	15.2	12.3	18.5





#25

Fluoranthene-d10

Concen: 0.348 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.04 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

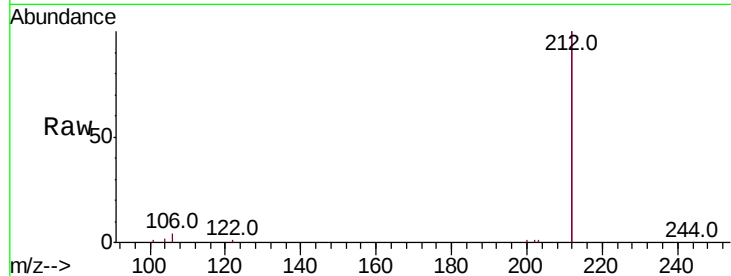
ClientSampleId :

SSTDCCC0.4

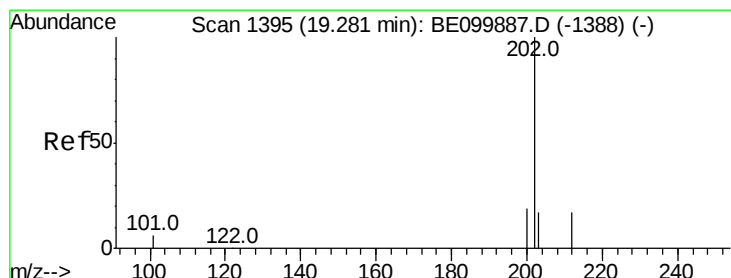
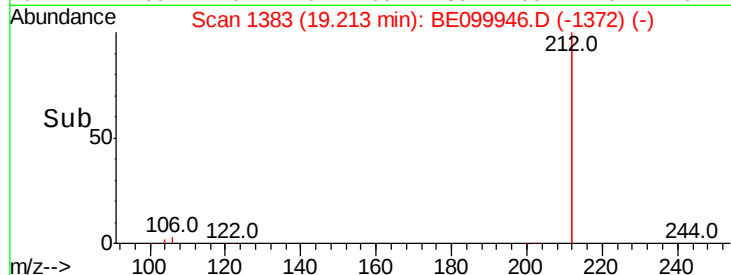
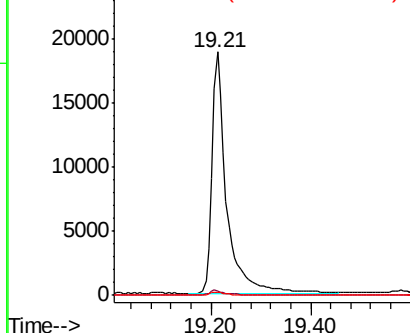
Tot Ion:	212	Resp:	38004
Ion Ratio	Lower	Upper	
212	100		
106	1.8	1.4	2.2
104	1.0	0.9	1.3

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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: 0.352 ng

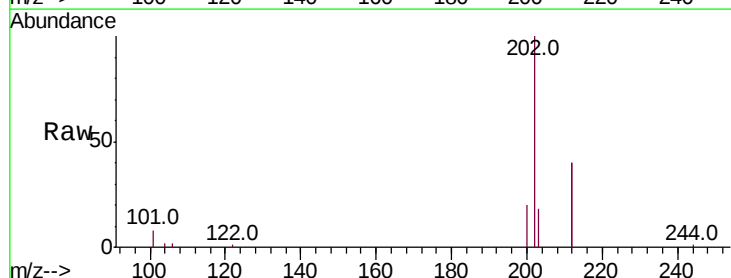
RT: 19.24 min Scan# 1388

Delta R.T. -0.04 min

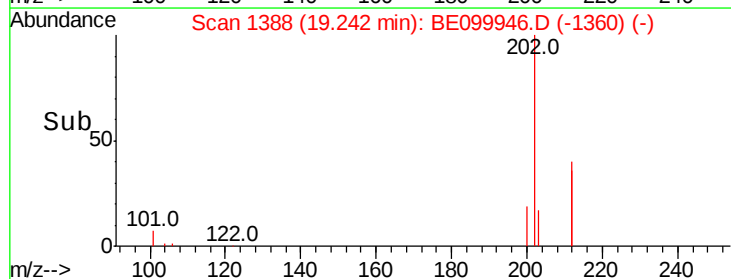
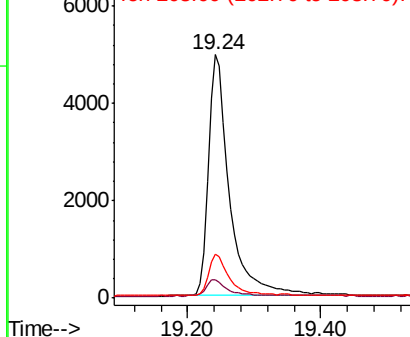
Lab File: BE099946.D

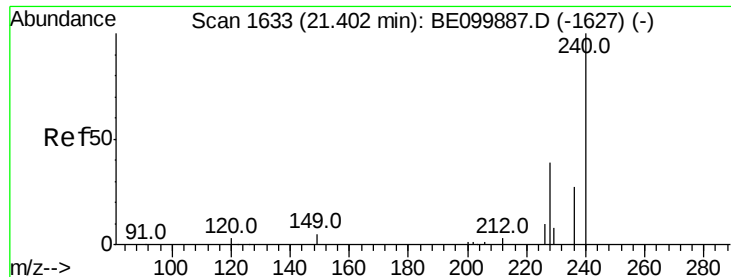
Acq: 12 Jun 2019 8:32

Tgt Ion:	202	Resp:	10863
Ion Ratio	Lower	Upper	
202	100		
101	6.8	5.4	8.0
203	16.7	13.2	19.8



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





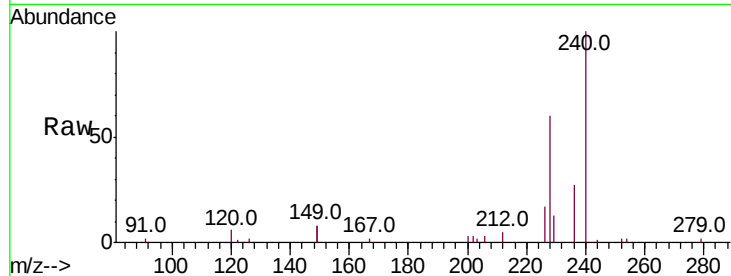
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.04 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

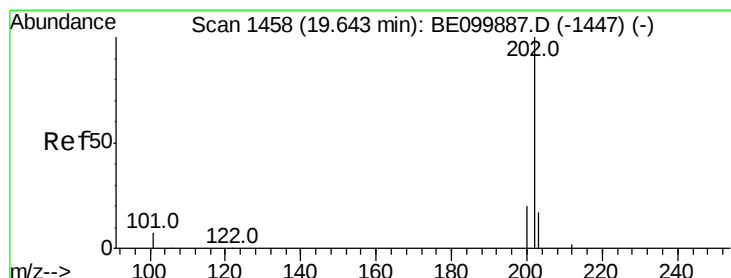
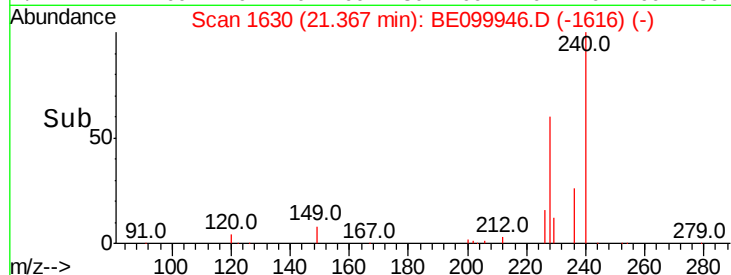
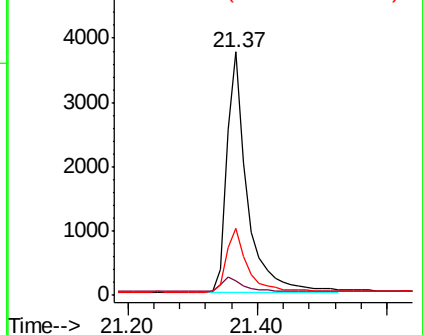
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.1	3.8	5.6#
236	27.3	22.0	33.0

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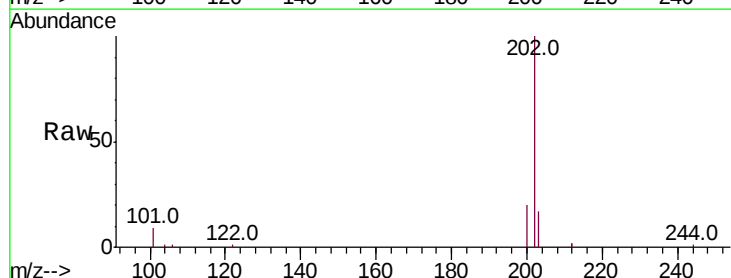


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

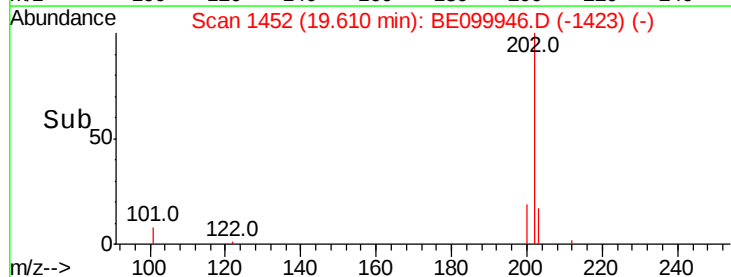
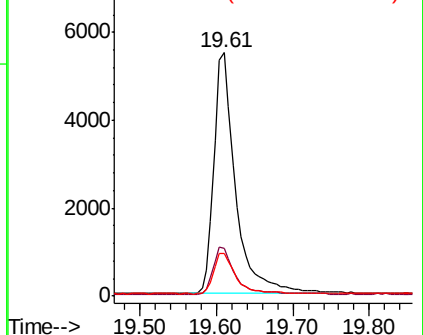


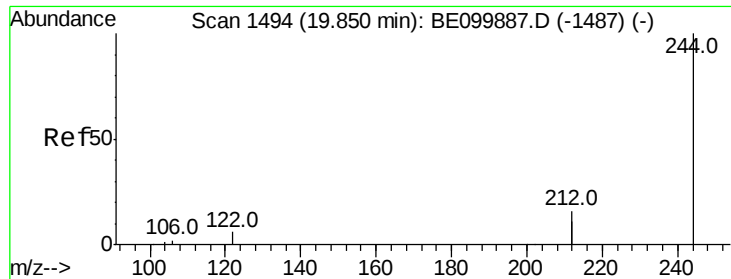
#28
Pyrene
Concen: 0.501 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.5	23.3
203	17.4	14.0	21.0



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: 0.448 ng

RT: 19.82 min Scan# 1489

Delta R.T. -0.03 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

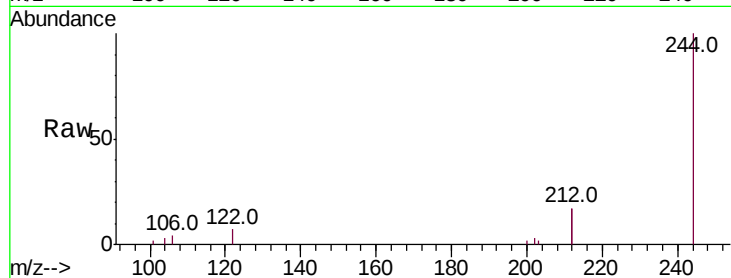
ClientSampleId :

SSTDCCC0.4

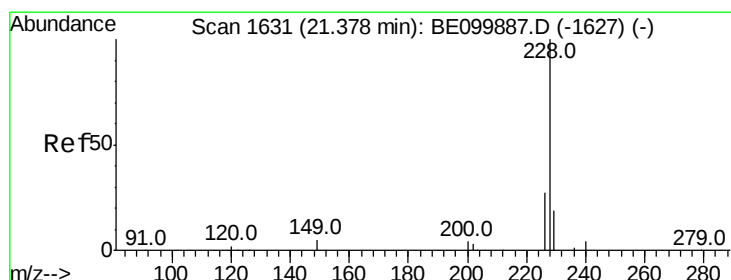
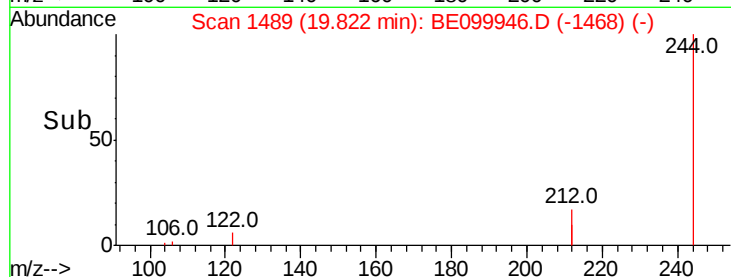
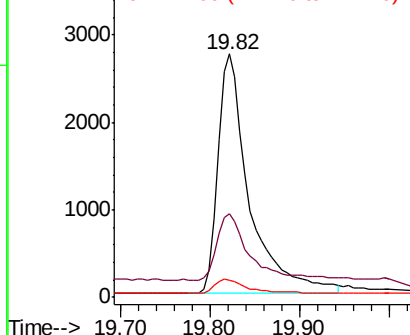
Tot Ion:	244	Resp:	6641
Ion Ratio	Lower	Upper	
244	100		
212	34.4	25.7	38.5
122	7.3	5.5	8.3

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.403 ng

RT: 21.34 min Scan# 1628

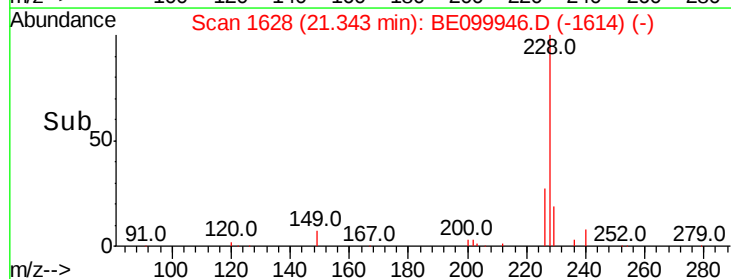
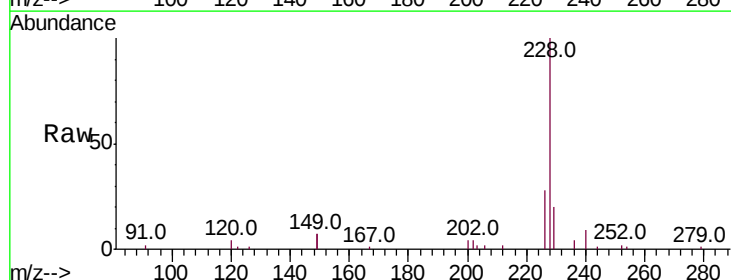
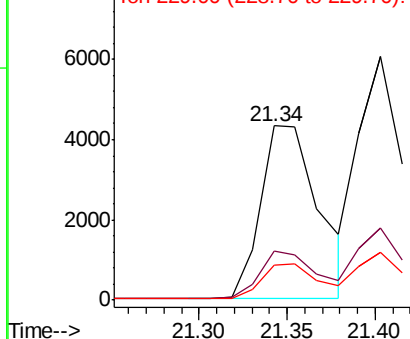
Delta R.T. -0.04 min

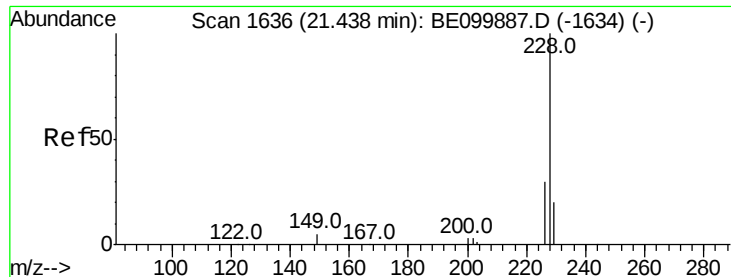
Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Tgt Ion:	228	Resp:	9919
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.5	33.7
229	19.7	15.9	23.9

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





#31

Chrysene

Concen: 0.452 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.04 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

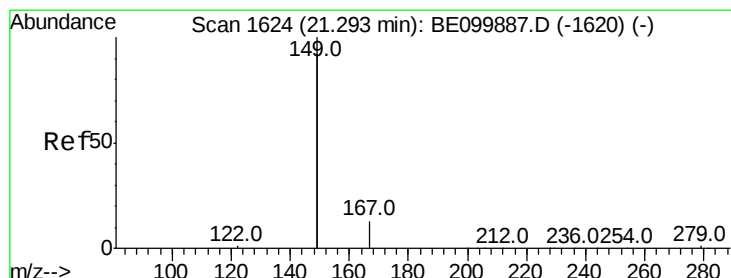
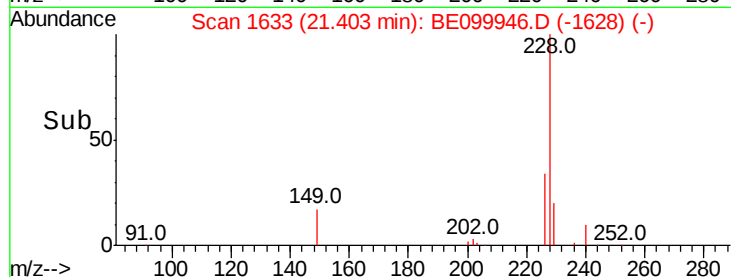
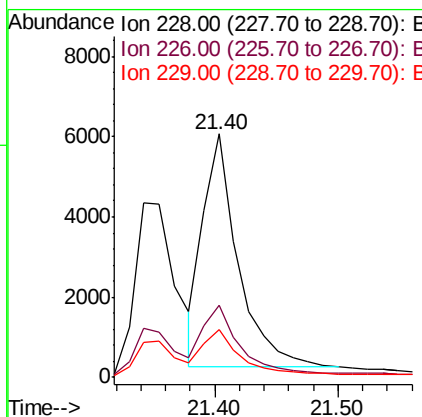
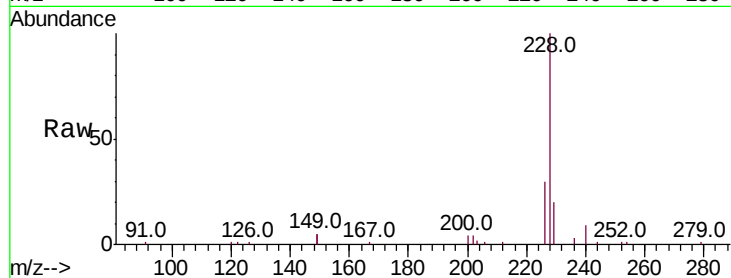
ClientSampleId :

SSTDCCC0.4

Tot Ion:	228	Resp:	11492
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.1	36.1
229	19.9	16.1	24.1

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.325 ng

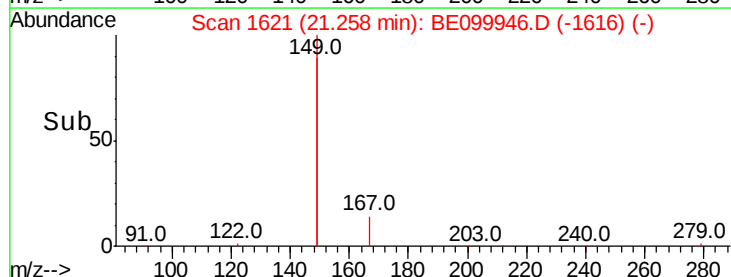
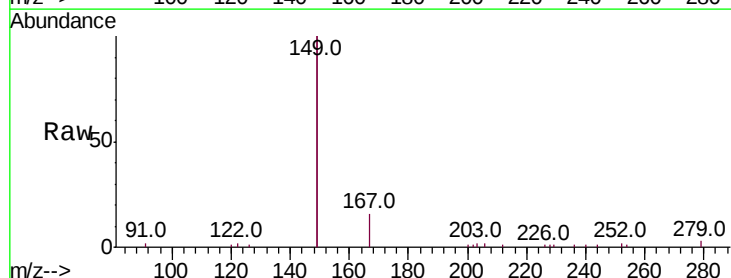
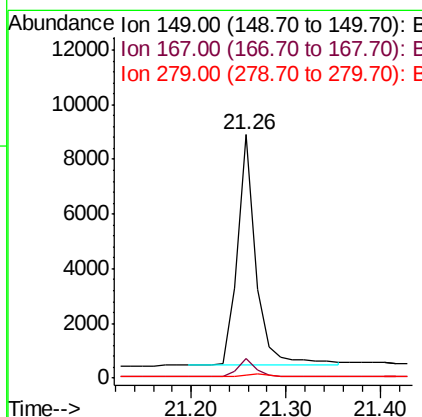
RT: 21.26 min Scan# 1621

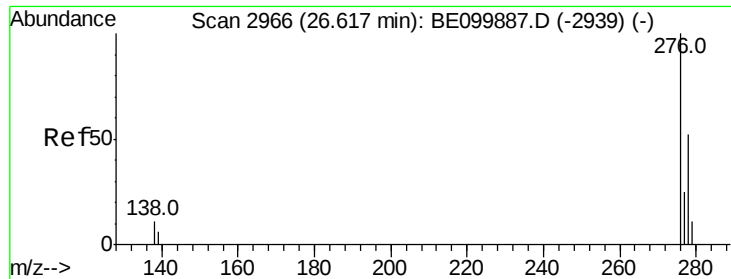
Delta R.T. -0.04 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Tgt Ion:	149	Resp:	11483
Ion Ratio	Lower	Upper	
149	100		
167	7.4	5.9	8.9
279	1.3	1.2	1.8





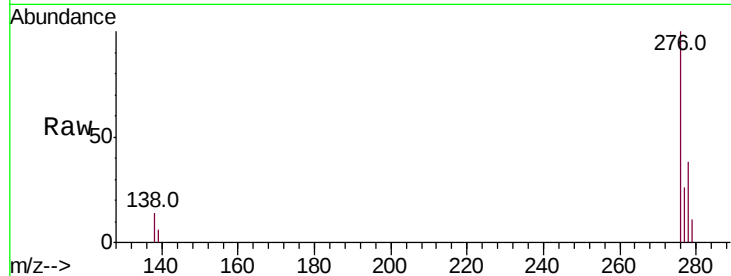
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng
RT: 26.52 min Scan# 2939
Delta R.T. -0.10 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.5	10.1	15.1#
277	23.1	19.1	28.7

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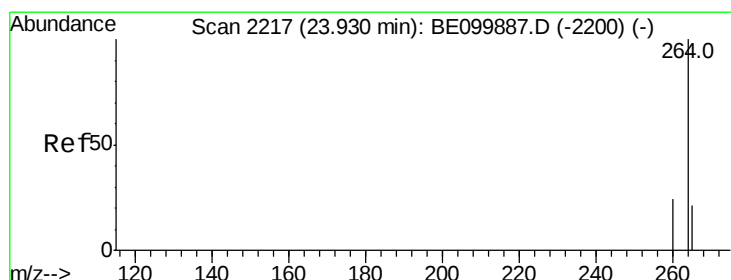
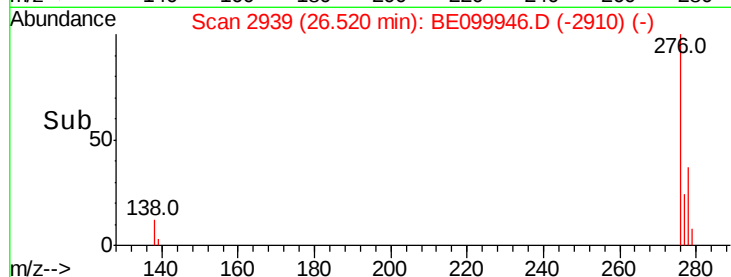
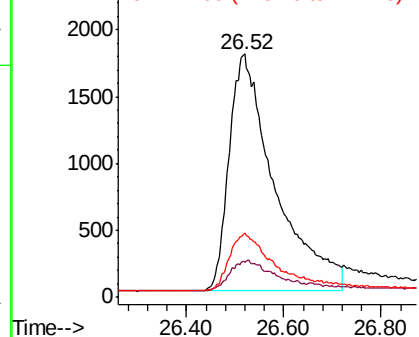


Abundance

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: 23.86 min Scan# 2197
Delta R.T. -0.07 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

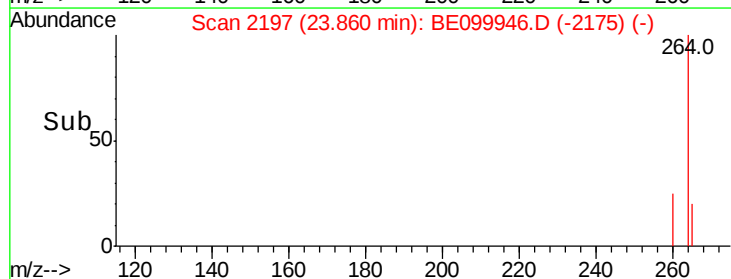
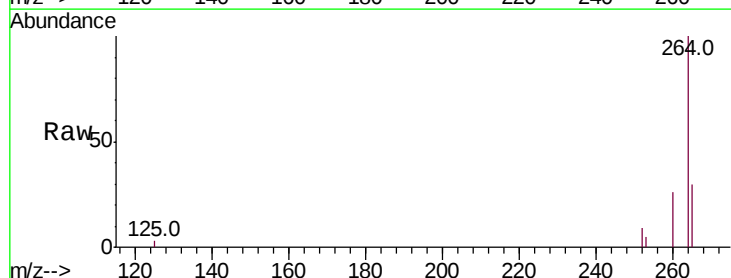
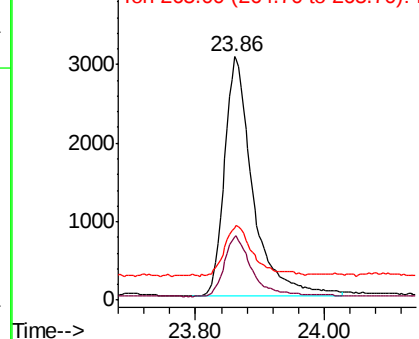
Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.2	30.2
265	29.7	22.0	33.0

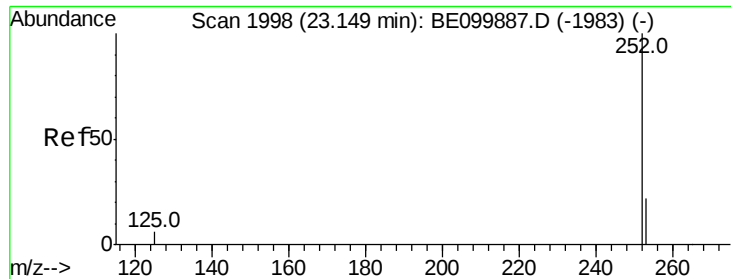
Abundance

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





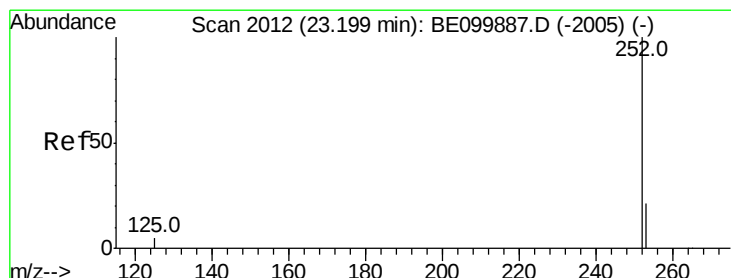
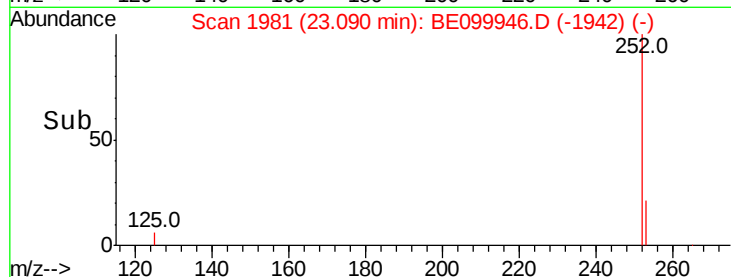
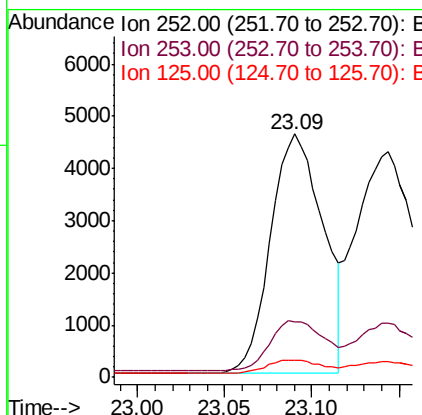
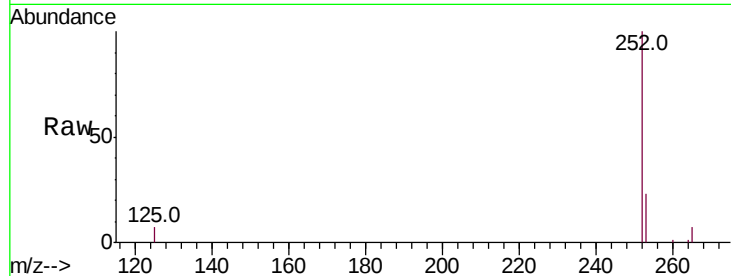
#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.06 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 9571
Ion Ratio Lower Upper
252 100
253 22.9 18.7 28.1
125 7.1 5.7 8.5

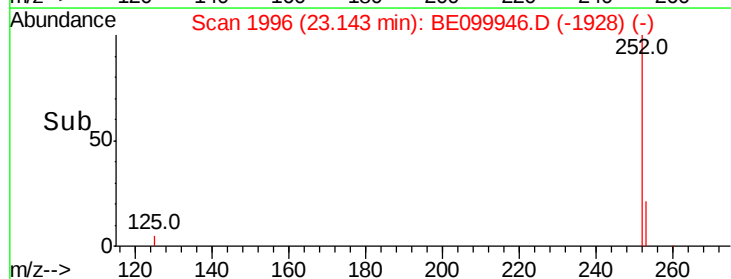
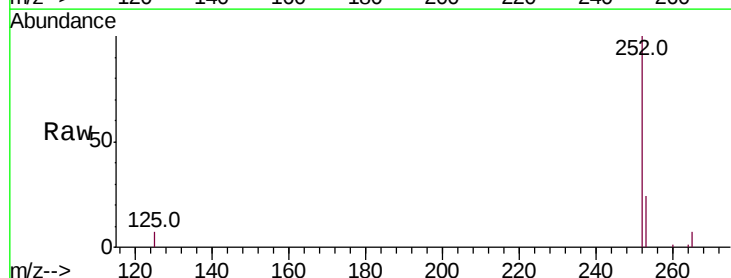
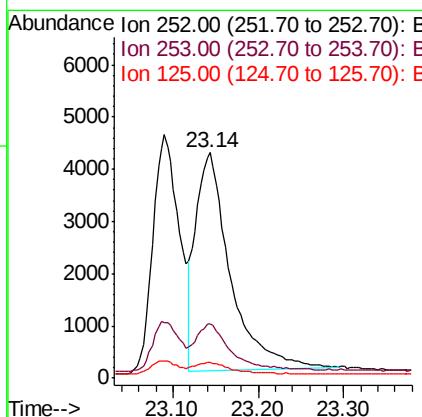
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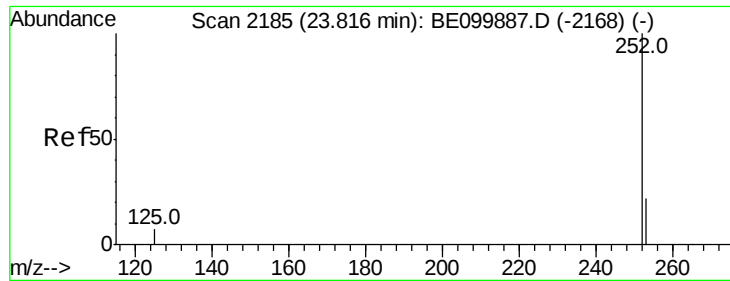
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#36
Benzo(k)fluoranthene
Concen: 0.431 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.06 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:252 Resp: 11788
Ion Ratio Lower Upper
252 100
253 24.1 18.6 28.0
125 6.9 5.4 8.0





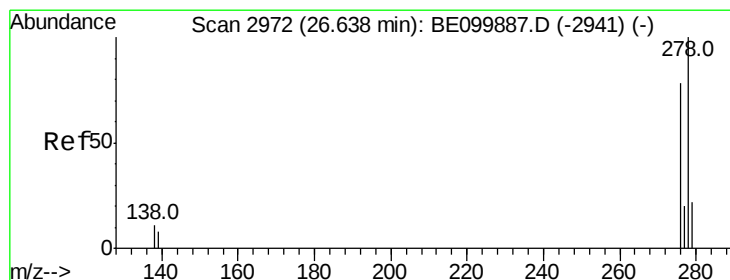
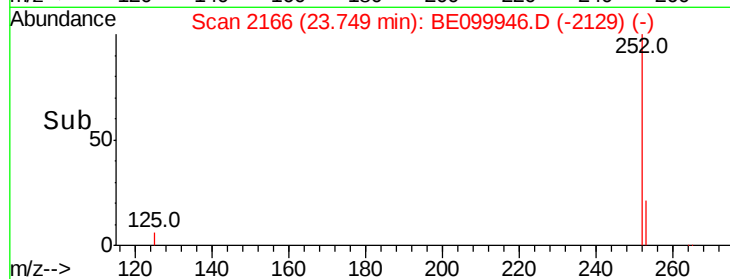
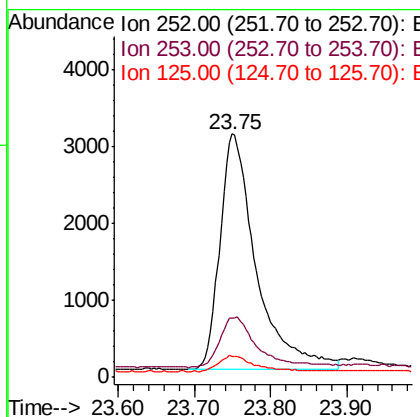
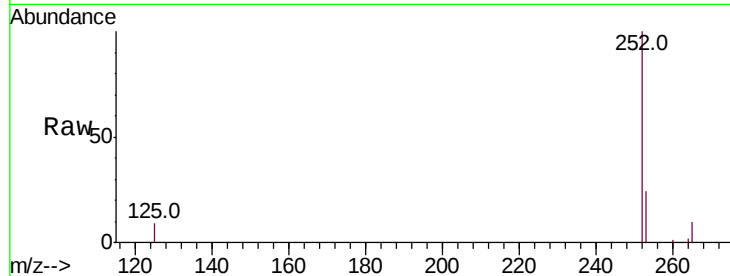
#37
Benzo(a)pyrene
Concen: 0.395 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.07 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.6	29.4
125	8.5	6.6	10.0

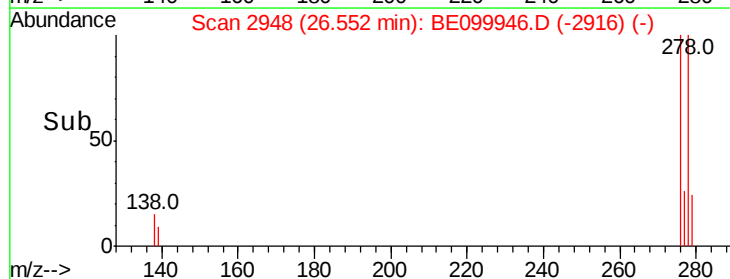
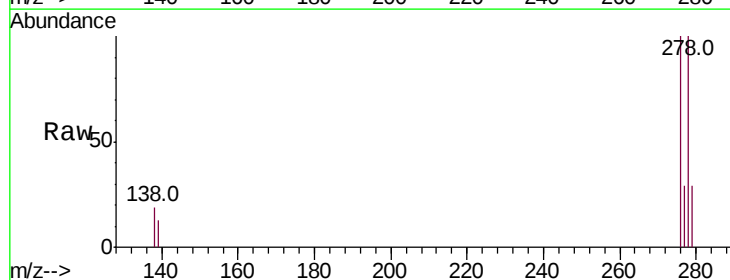
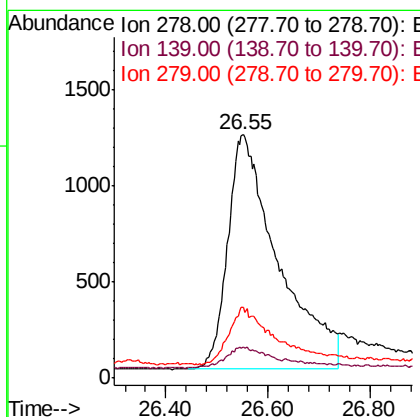
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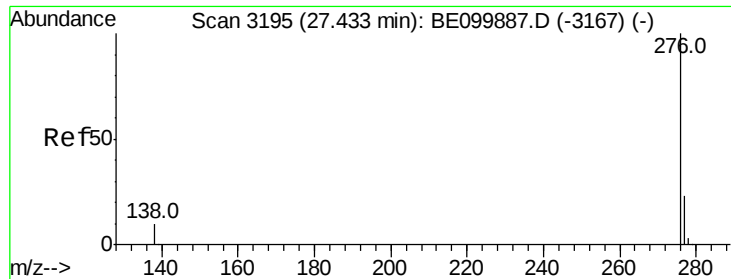
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#38
Dibenzo(a,h)anthracene
Concen: 0.322 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.09 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.0	7.8	11.8#
279	29.0	20.0	30.0





#39

Benzo(a,h,i)perylene

Concen: 0.385 ng

RT: 27.33 min Scan# 3165

Delta R.T. -0.11 min

Lab File: BE099946.D

Acq: 12 Jun 2019 8:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.5	29.3
138	15.0	9.5	14.3

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