

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050119\
 Data File : BE099454.D
 Acq On : 1 May 2019 9:03
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations
 APPROVED

Sohil
 5/2/2019 4:47:09 PM

Quant Time: May 02 07:32:19 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 29 18:36:43 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2556	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	11182	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	8863	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	25524	0.40	ng	0.00
27) Chrysene-d12	21.37	240	28537	0.40	ng	0.00
34) Perylene-d12	23.86	264	33185	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	3010	0.43	ng	0.00
5) Phenol-d6	6.97	99	4677	0.50	ng	0.00
8) Nitrobenzene-d5	8.96	82	4113	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	8595	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	2283	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	13431	0.40	ng	-0.02
25) Fluoranthene-d10	19.22	212	124369	0.36	ng	0.00
29) Terphenyl-d14	19.81	244	25301	0.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	1256	0.357	ng	93
3) n-Nitrosodimethylamine	3.64	42	774	0.365	ng	# 83
6) bis(2-Chloroethyl)ether	7.23	93	3201	0.395	ng	99
9) Naphthalene	10.65	128	50275	0.413	ng	100
10) Hexachlorobutadiene	10.93	225	3350	0.395	ng	100
12) 2-Methylnaphthalene	12.27	142	9168	0.433	ng	96
16) Acenaphthylene	14.18	152	17606	0.406	ng	98
17) Acenaphthene	14.51	154	10123	0.409	ng	99
18) Fluorene	15.49	166	14604	0.400	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	5985	0.403	ng	92
21) Hexachlorobenzene	16.49	284	5962	0.421	ng	98
22) Pentachlorophenol	16.84	266	2548	0.515	ng	98
23) Phenanthrene	17.23	178	26015	0.395	ng	99
24) Anthracene	17.32	178	24598	0.392	ng	99
26) Fluoranthene	19.25	202	36229	0.367	ng	100
28) Pyrene	19.61	202	37159	0.500	ng	100
30) Benzo(a)anthracene	21.34	228	41873	0.461	ng	97
31) Chrysene	21.40	228	40061	0.450	ng	99
32) Bis(2-ethylhexyl)phthalate	21.26	149	63526	0.424	ng	99
33) Indeno(1,2,3-cd)pyrene	26.51	276	47248	0.449	ng	99
35) Benzo(b)fluoranthene	23.09	252	40568m	0.424	ng	
36) Benzo(k)fluoranthene	23.14	252	37952	0.411	ng	100
37) Benzo(a)pyrene	23.75	252	37906	0.419	ng	# 98
38) Dibenzo(a,h)anthracene	26.53	278	38056	0.411	ng	99
39) Benzo(g,h,i)perylene	27.32	276	38663	0.417	ng	99

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

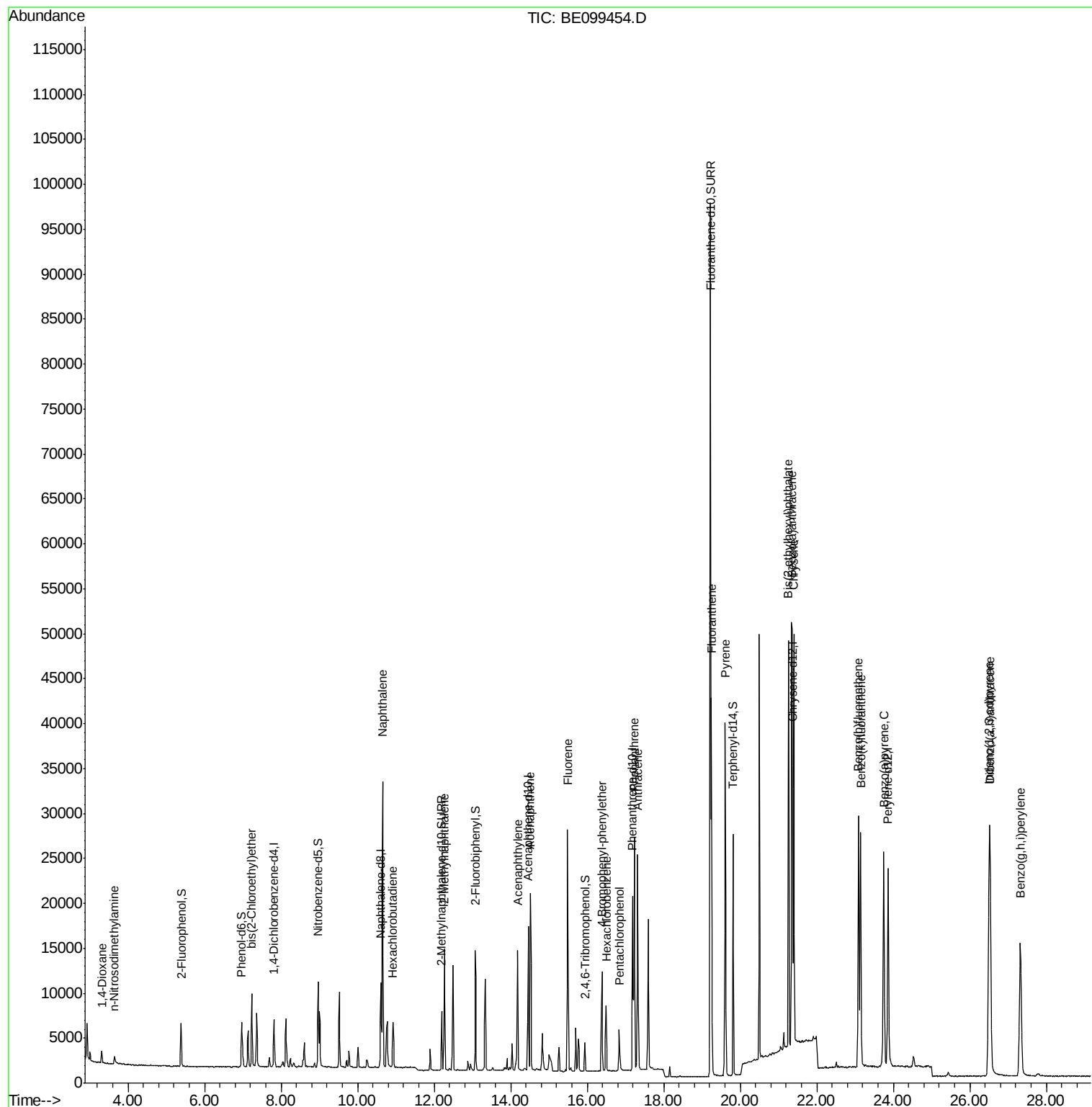
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050119\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

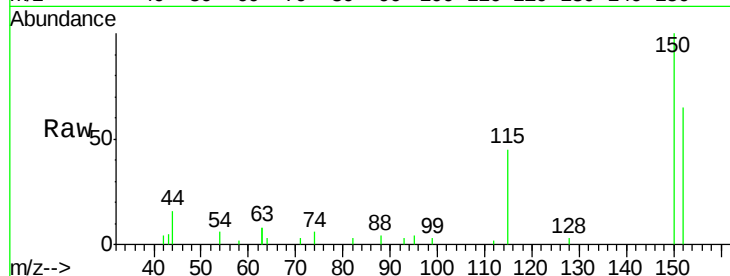
ClientSampleId :

SSTDCCC0.4

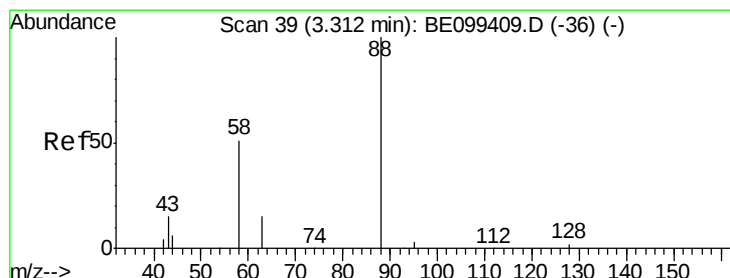
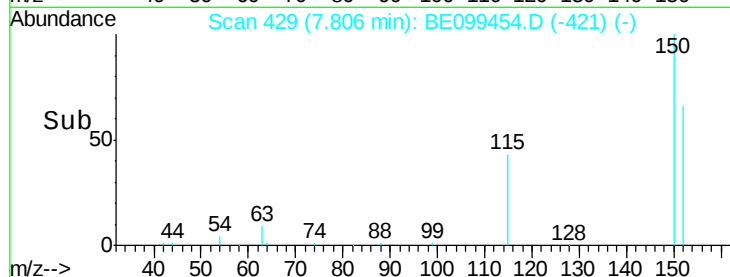
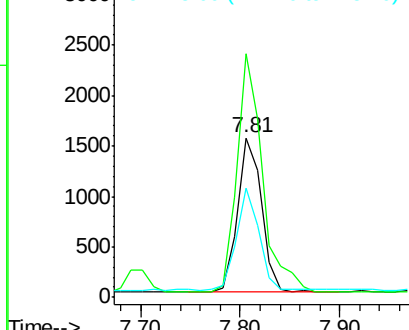
Tgt Ion:	152	Resp:	2556
Ion Ratio	Lower	Upper	
152	100		
150	152.8	104.8	157.2
115	68.5	46.6	69.8

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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: 0.357 ng

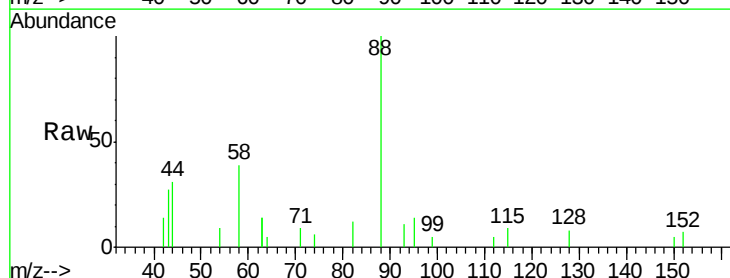
RT: 3.31 min Scan# 39

Delta R.T. 0.00 min

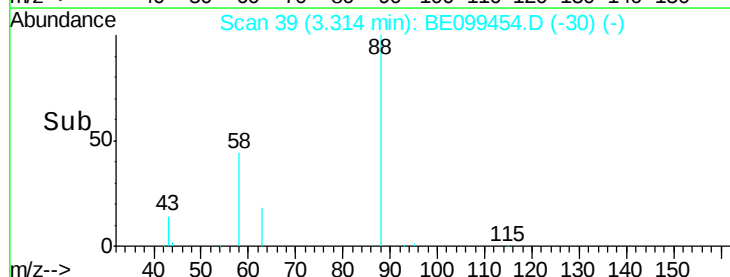
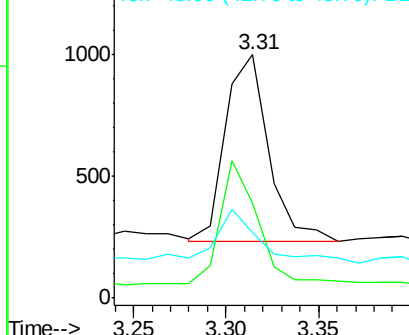
Lab File: BE099454.D

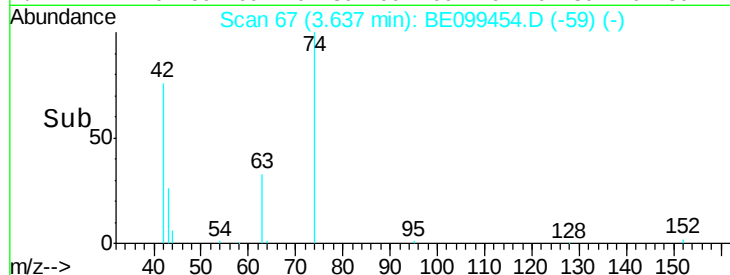
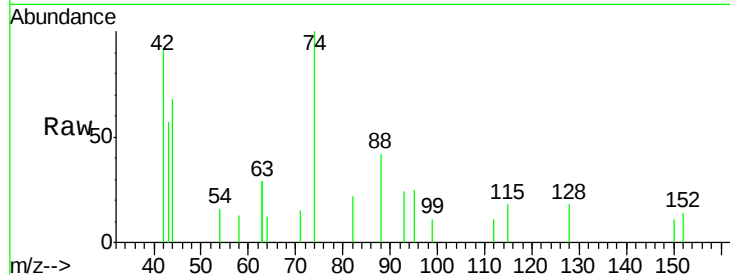
Acq: 1 May 2019 9:03

Tgt Ion:	88	Resp:	1256
Ion Ratio	Lower	Upper	
88	100		
58	58.4	51.0	76.6
43	22.9	20.6	30.8



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





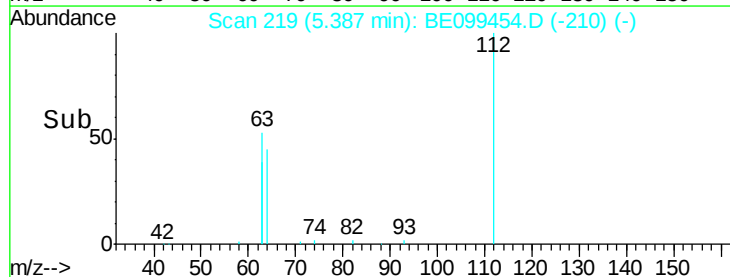
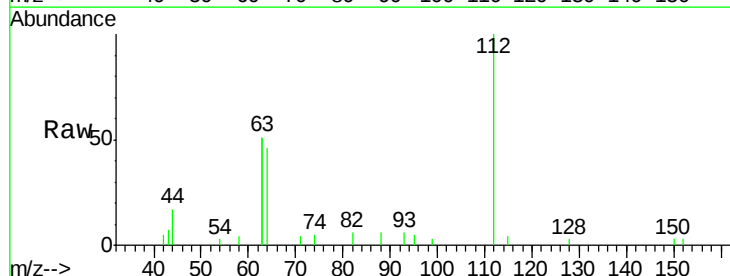
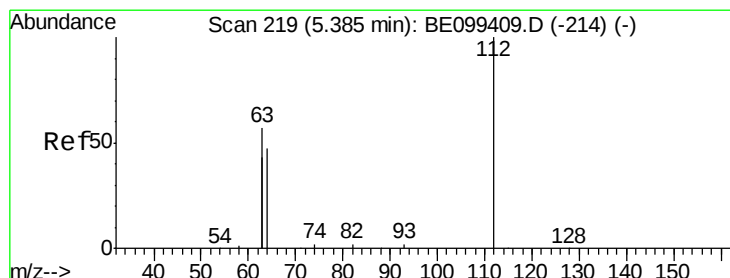
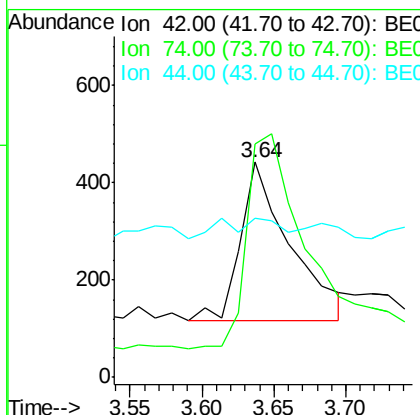
#3
n-Nitrosodimethylamine
Concen: 0.365 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion:	42	Resp:	774
Ion	Ratio	Lower	Upper
42	100		
74	153.1	141.6	212.4
44	0.0	0.0	0.0

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

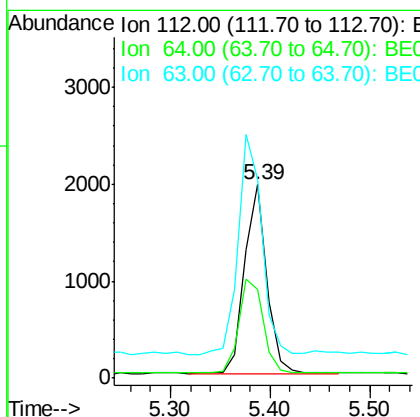
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#4
2-Fluorophenol
Concen: 0.426 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion:	112	Resp:	3010
Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.4	71.0
63	123.9	104.3	156.5





#5

Phenol-d6

Concen: 0.498 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

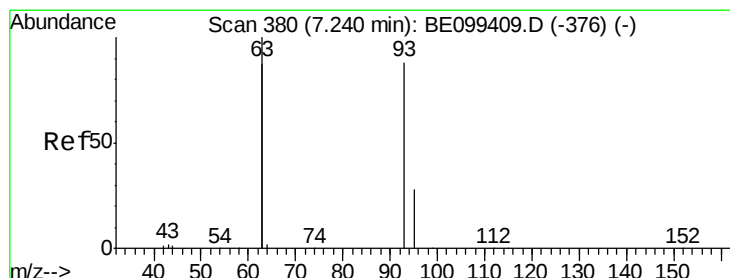
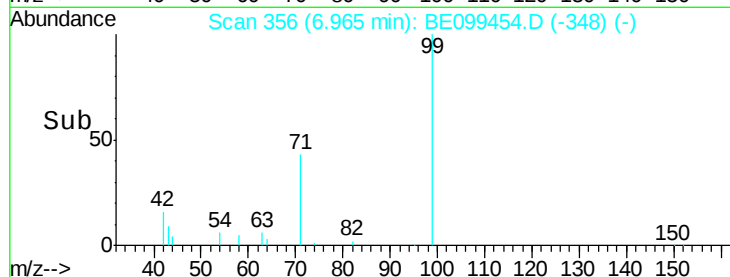
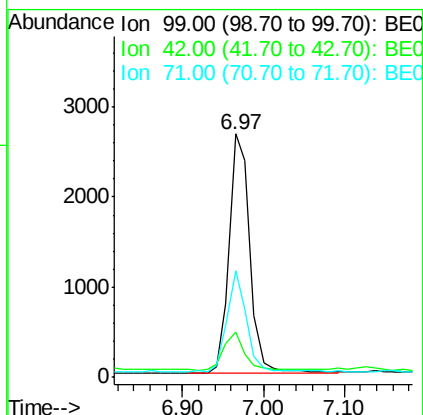
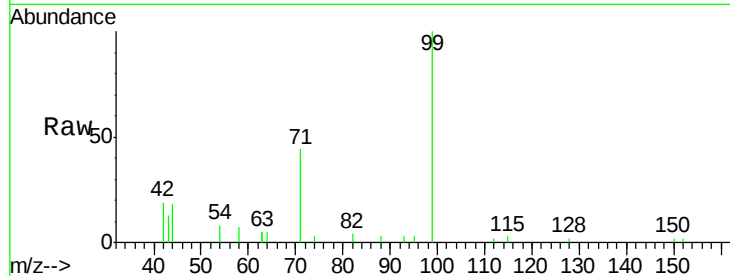
ClientSampleId :

SSTDCCC0.4

Tgt Ion:	99	Resp:	4677
Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.9	22.3
71	39.4	33.0	49.6

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#6

bis(2-Chloroethyl)ether

Concen: 0.395 ng

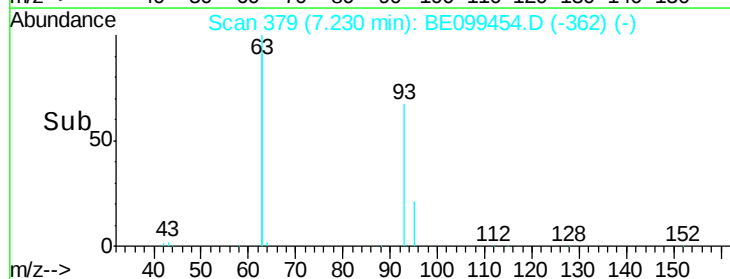
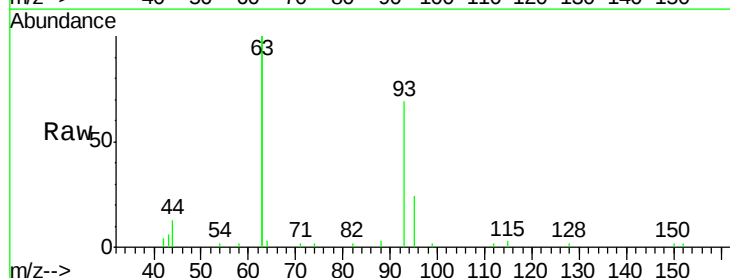
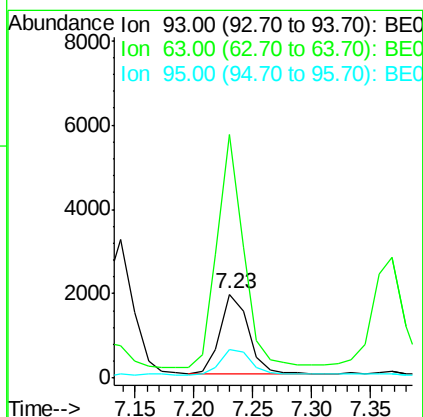
RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Tgt Ion:	93	Resp:	3201
Ion	Ratio	Lower	Upper
93	100		
63	270.2	215.6	323.4
95	33.6	26.2	39.2





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

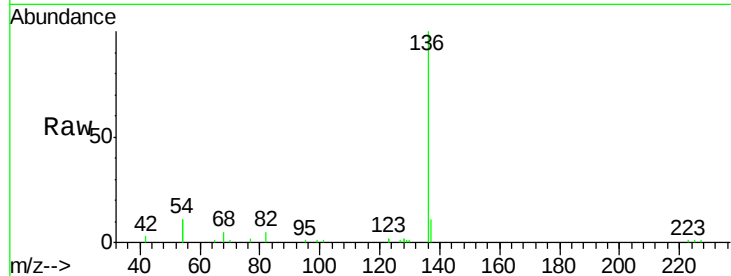
ClientSampleId :

SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	22.2	18.5	27.7
68	5.5	4.7	7.1

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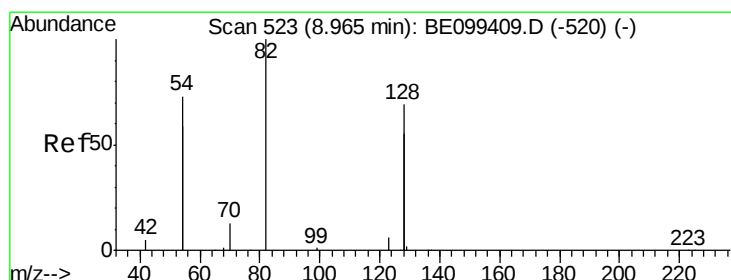
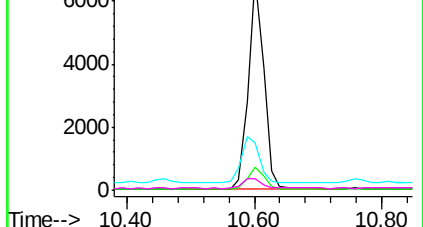
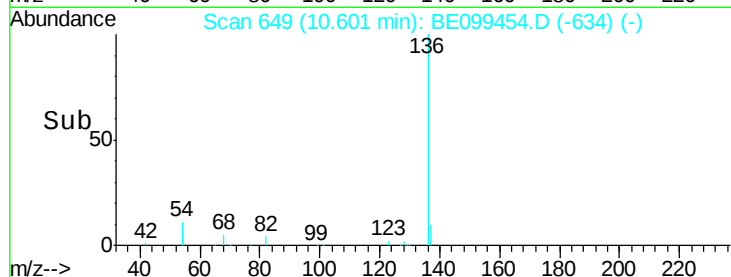


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.392 ng

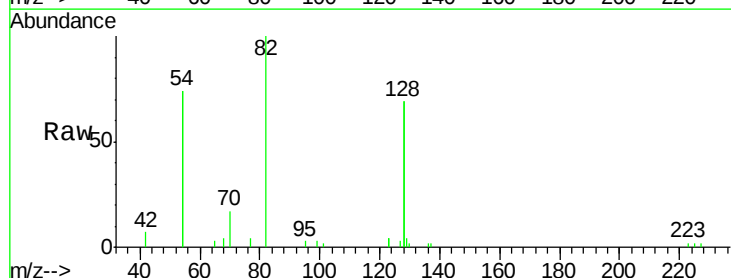
RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

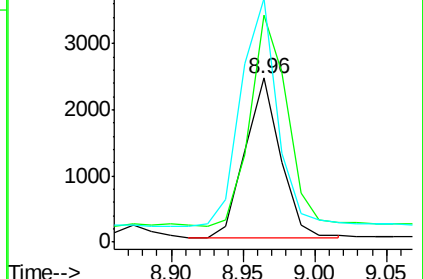
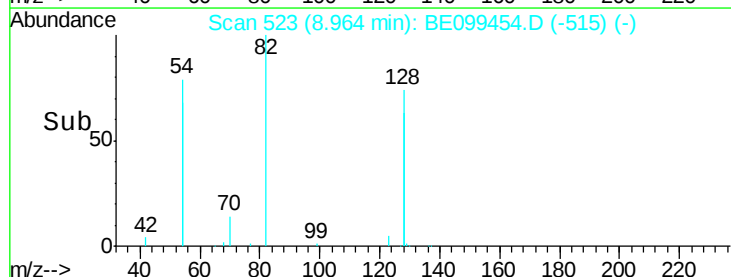
Tgt Ion	Ratio	Lower	Upper
82	100		
128	138.5	107.0	160.4
54	148.4	113.1	169.7

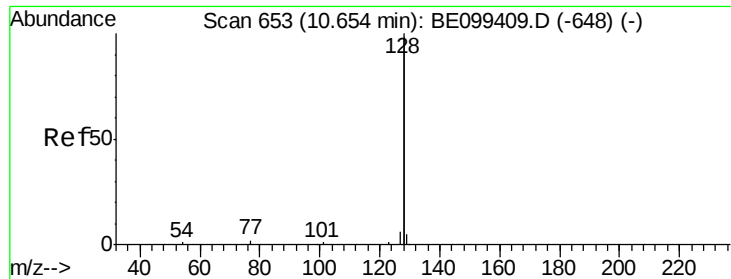


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.413 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

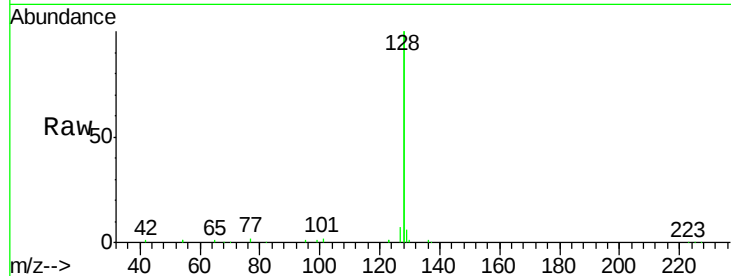
ClientSampleId :

SSTDCCC0.4

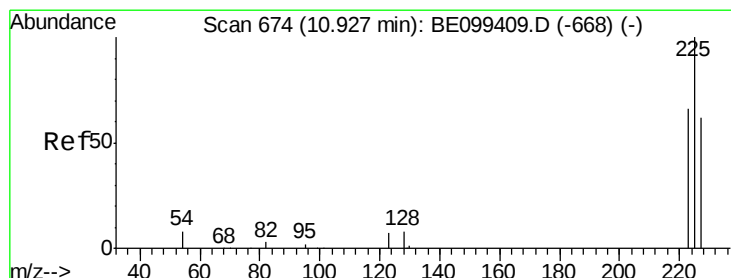
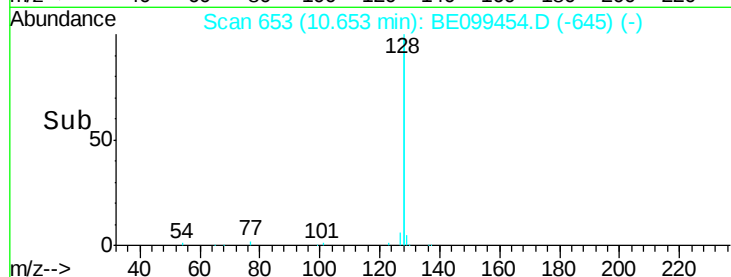
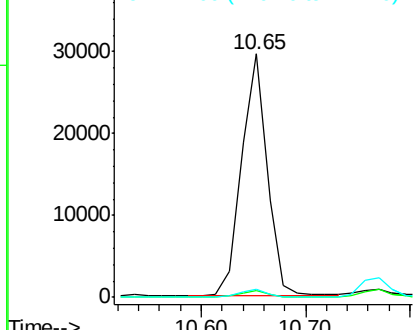
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	50275		
129	2.8		2.4	3.6
127	3.4		2.8	4.2

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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: 0.395 ng

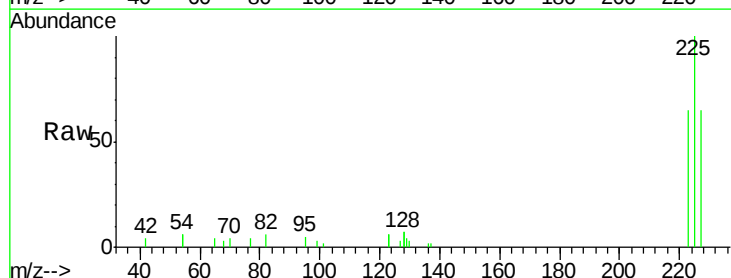
RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

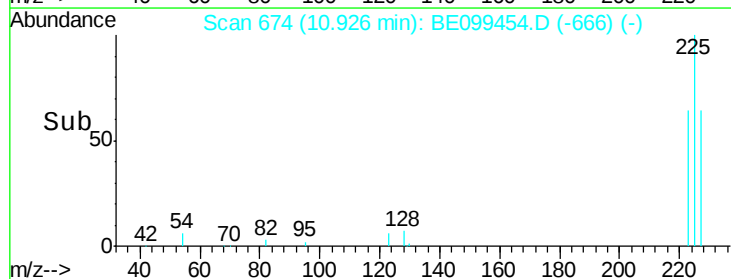
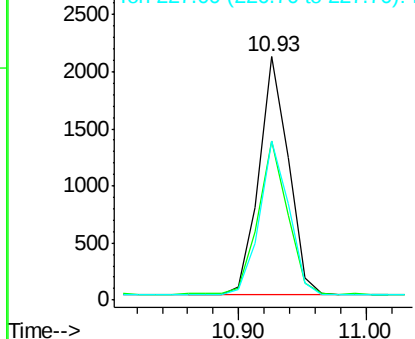
Lab File: BE099454.D

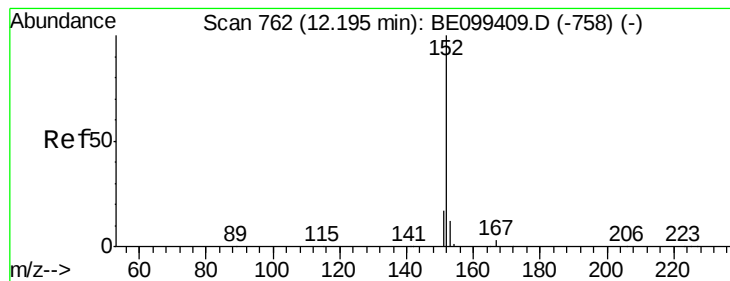
Acq: 1 May 2019 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	3350		
223	63.9		51.0	76.6
227	63.9		50.9	76.3



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





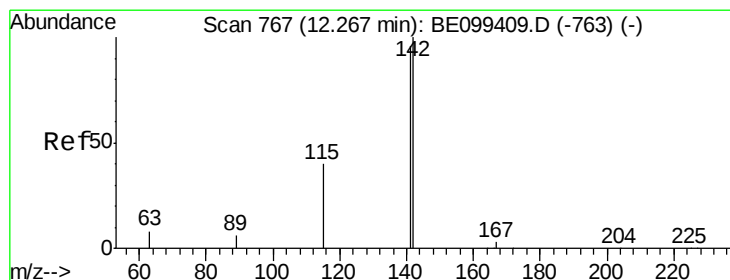
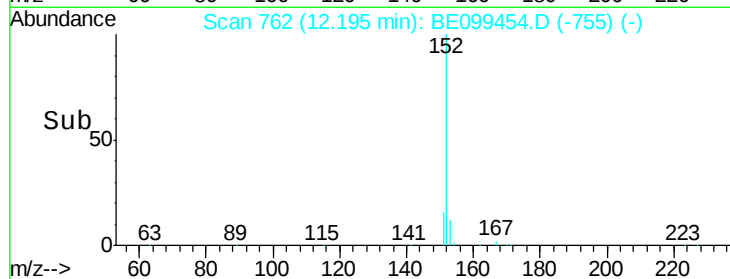
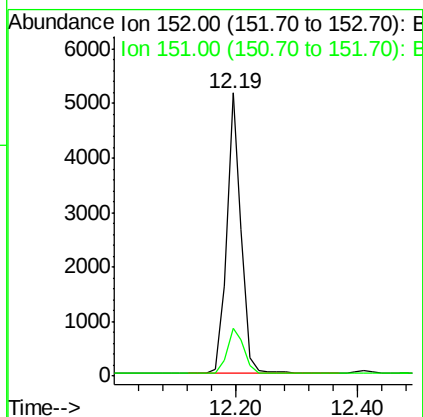
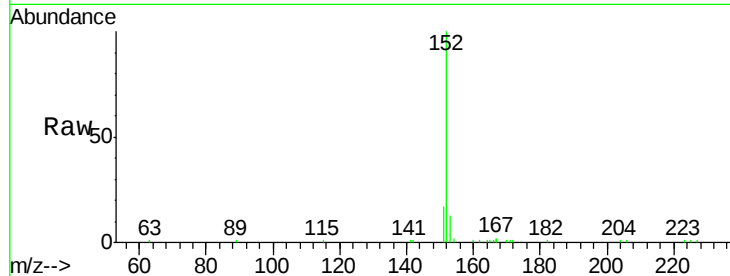
#11
 2-Methylnaphthalene-d10
 Concen: 0.427 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099454.D
 Acq: 1 May 2019 9:03

Instrument :
 BNA_E
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 SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.5	23.3

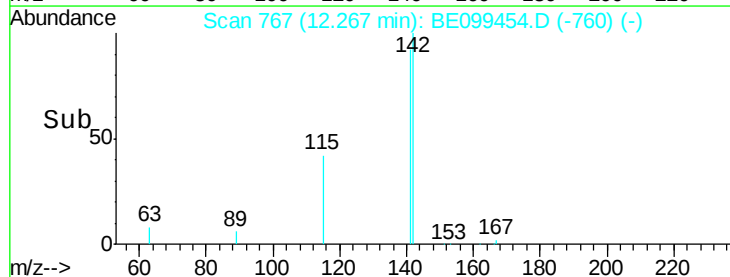
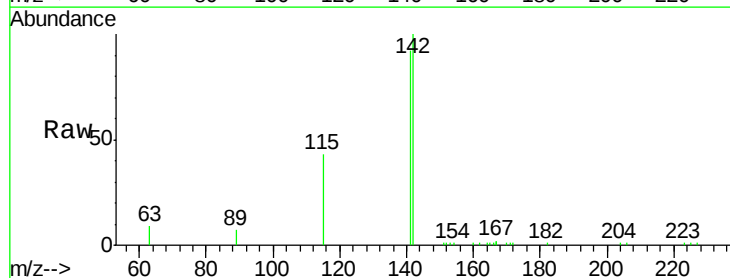
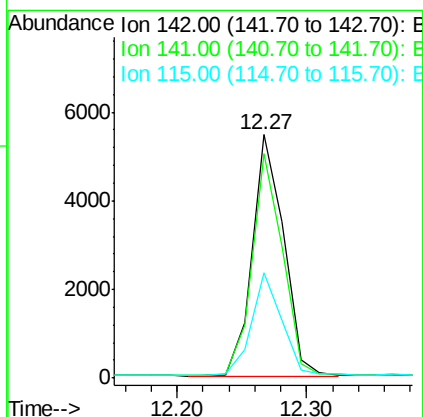
Manual Integrations
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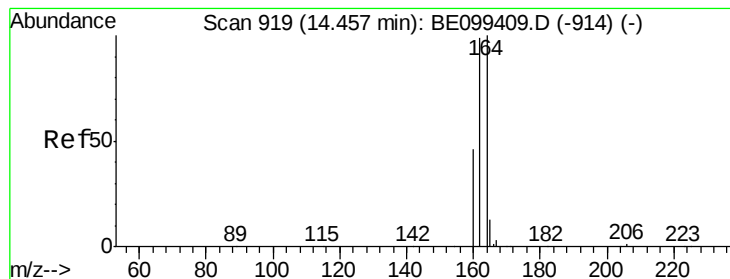
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#12
 2-Methylnaphthalene
 Concen: 0.433 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE099454.D
 Acq: 1 May 2019 9:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	77.0	115.4
115	43.0	33.4	50.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

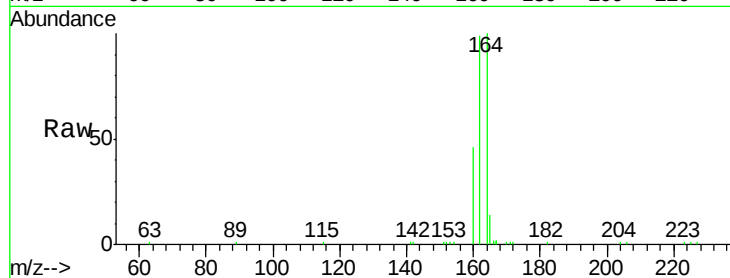
ClientSampleId :

SSTDCCC0.4

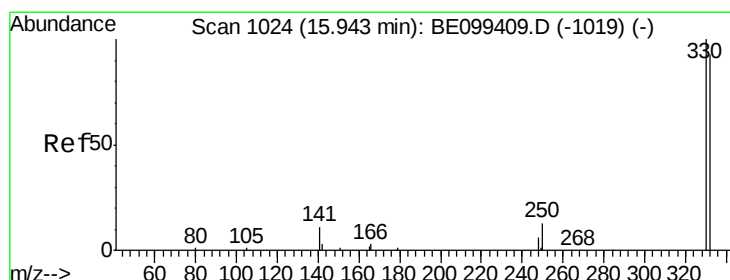
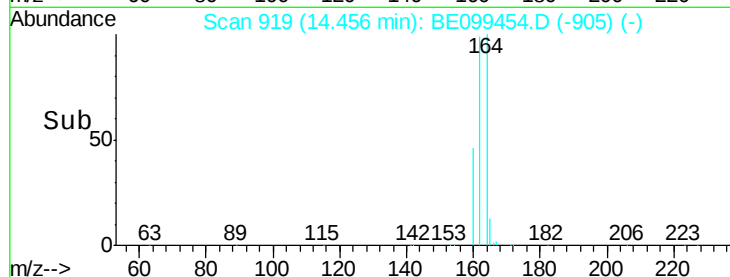
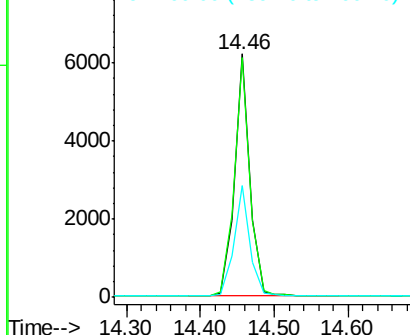
Tgt Ion:	164	Resp:	8863
Ion Ratio	Lower	Upper	
164	100		
162	98.6	79.0	118.4
160	46.1	37.0	55.4

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: 0.409 ng

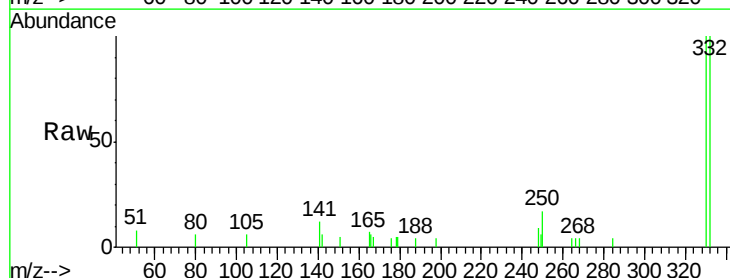
RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

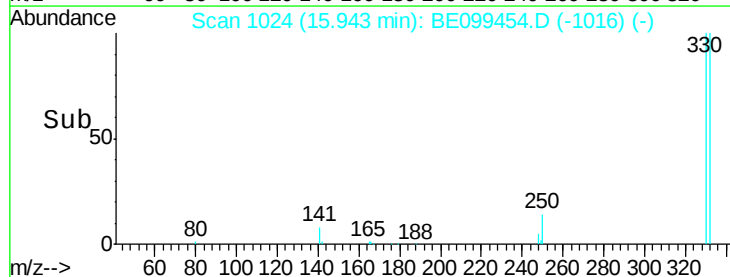
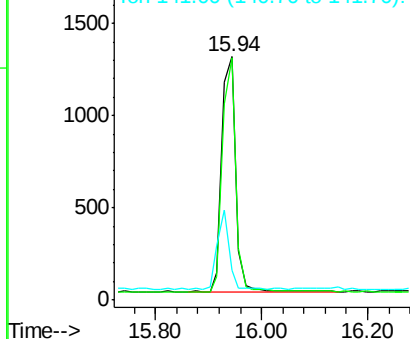
Lab File: BE099454.D

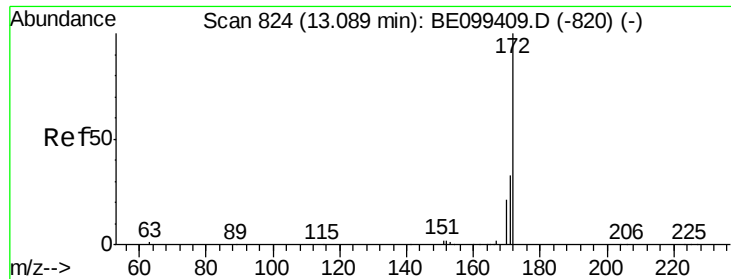
Acq: 1 May 2019 9:03

Tgt Ion:	330	Resp:	2283
Ion Ratio	Lower	Upper	
330	100		
332	94.7	71.5	107.3
141	28.5	24.0	36.0



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





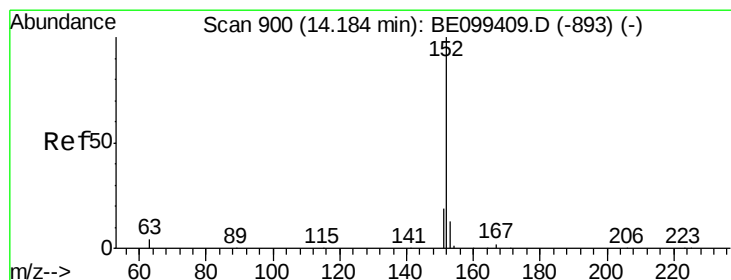
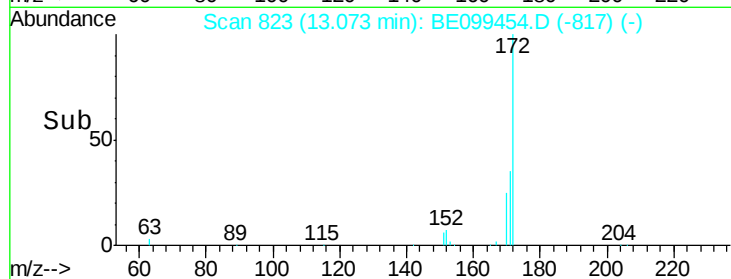
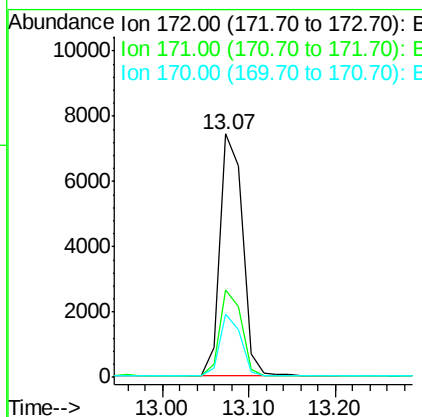
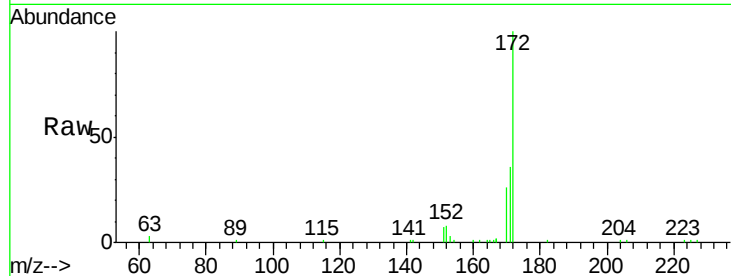
#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.6	39.8
170	26.0	17.0	25.6

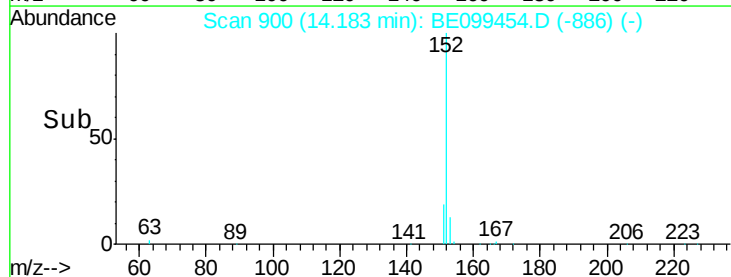
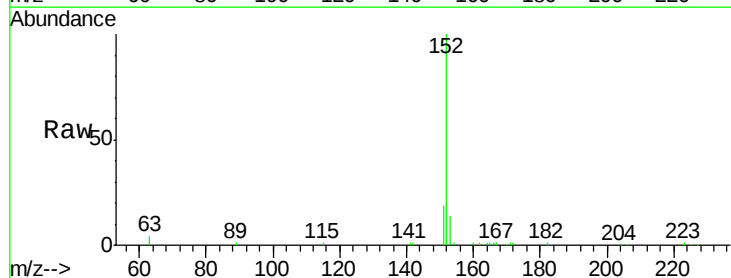
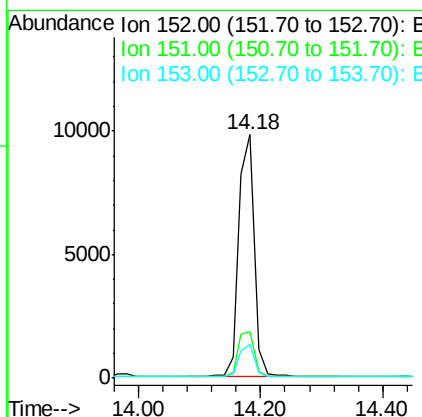
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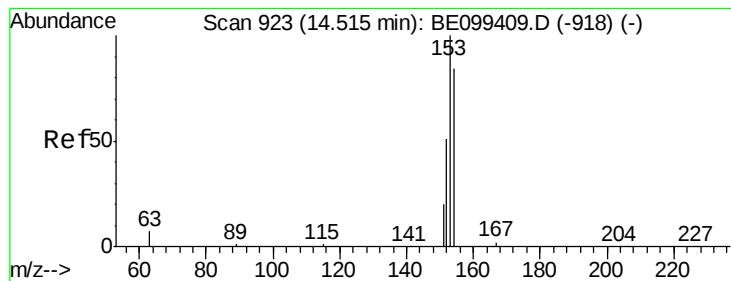
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#16
Acenaphthylene
Concen: 0.406 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.2
153	13.1	9.8	14.6





#17

Acenaphthene

Concen: 0.409 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

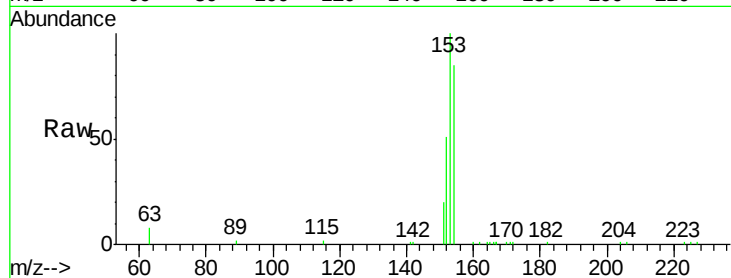
ClientSampleId :

SSTDCCC0.4

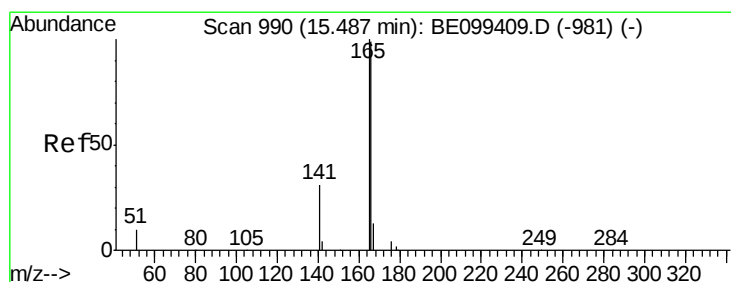
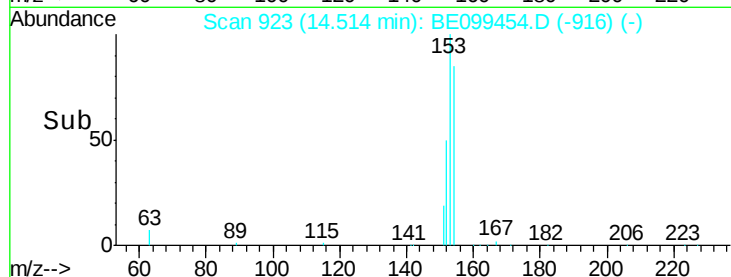
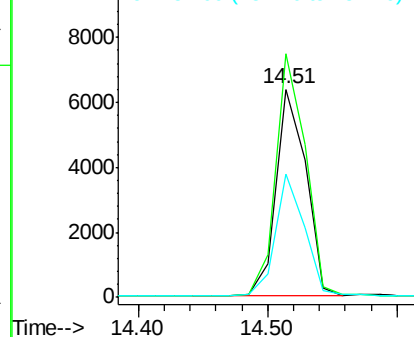
Tgt Ion:	154	Resp:	10123
Ion Ratio	Lower	Upper	
154	100		
153	116.9	92.6	138.8
152	56.7	45.8	68.8

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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: 0.400 ng

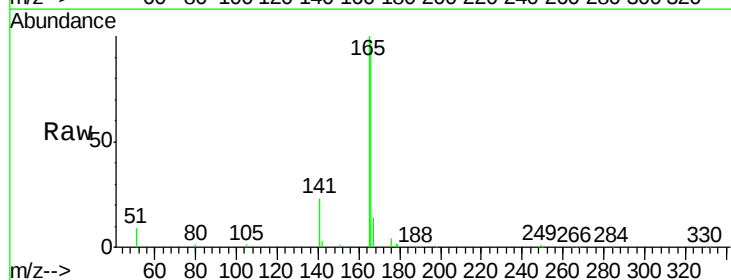
RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

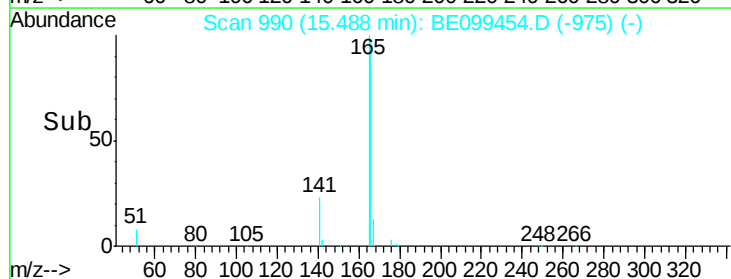
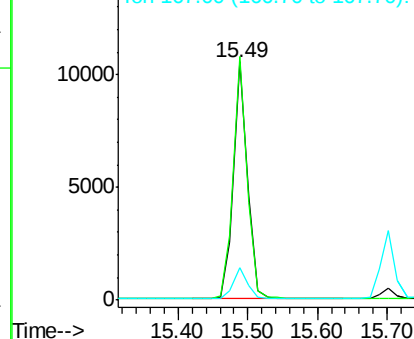
Lab File: BE099454.D

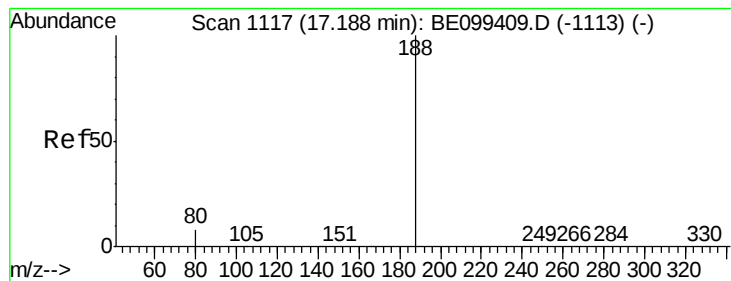
Acq: 1 May 2019 9:03

Tgt Ion:	166	Resp:	14604
Ion Ratio	Lower	Upper	
166	100		
165	101.9	80.3	120.5
167	13.4	10.7	16.1



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: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

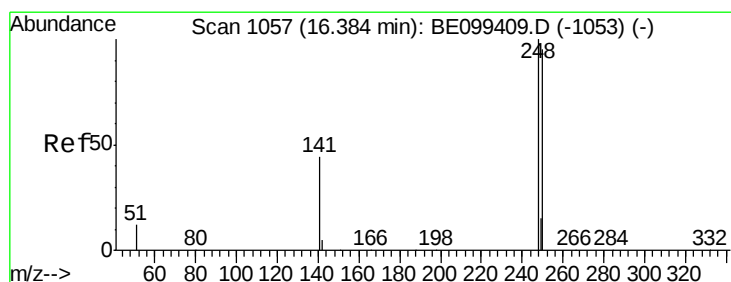
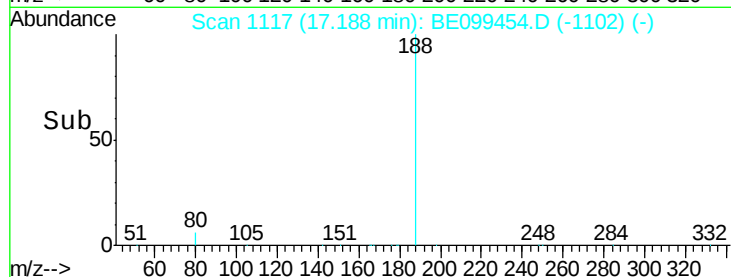
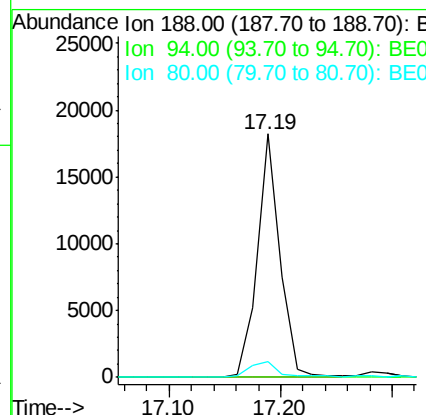
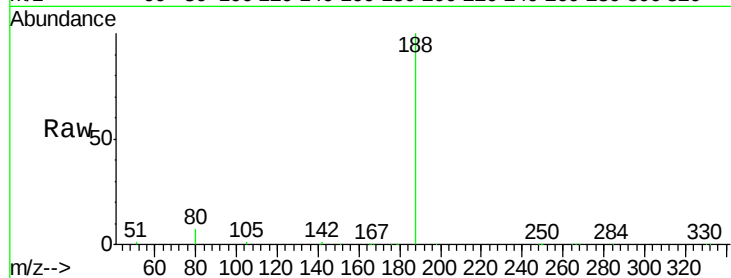
ClientSampleId :

SSTDCCC0.4

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	25524		
94	0.0	0.0	0.0	
80	6.7	6.7	10.1	

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#20

4-Bromophenyl-phenylether

Concen: 0.403 ng

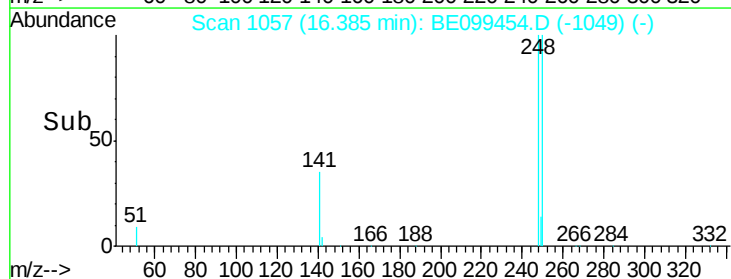
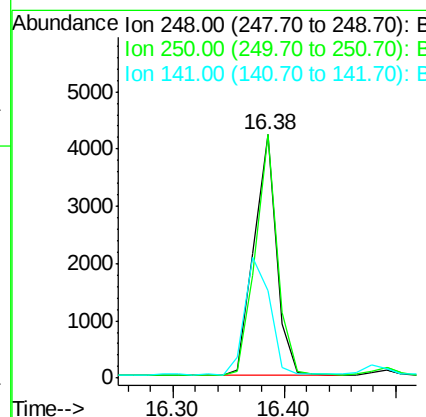
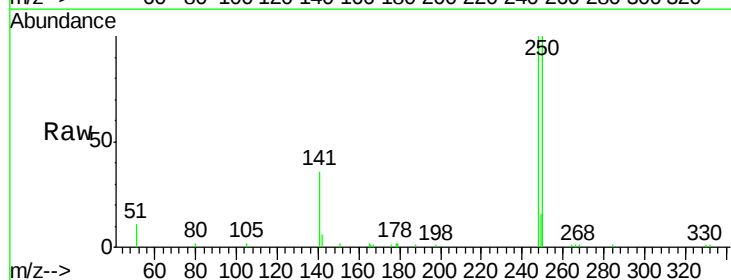
RT: 16.38 min Scan# 1057

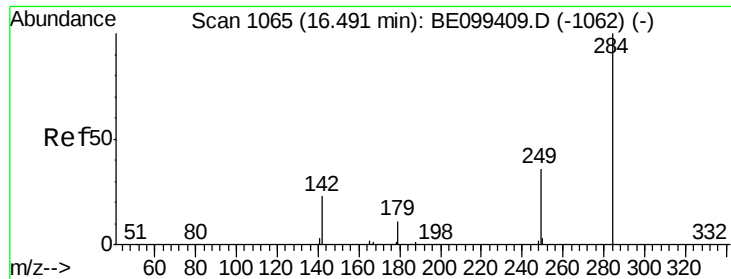
Delta R.T. 0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	5985		
250	99.9	75.8	113.8	
141	35.8	35.7	53.5	





#21

Hexachlorobenzene

Concen: 0.421 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

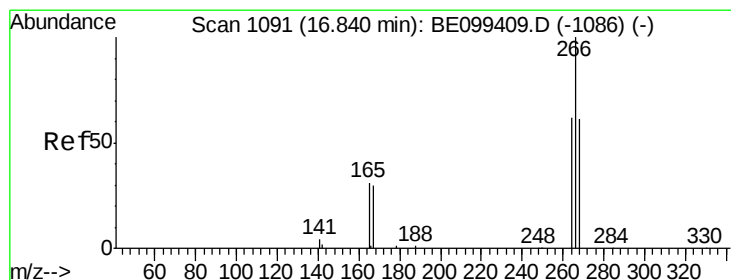
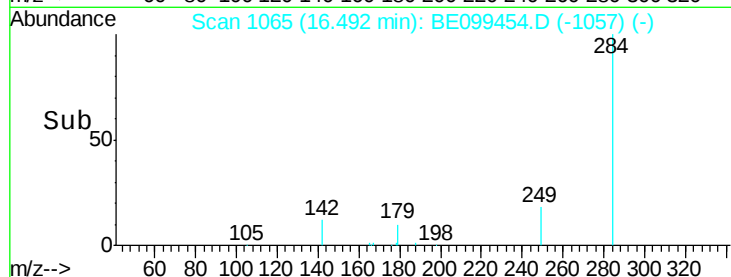
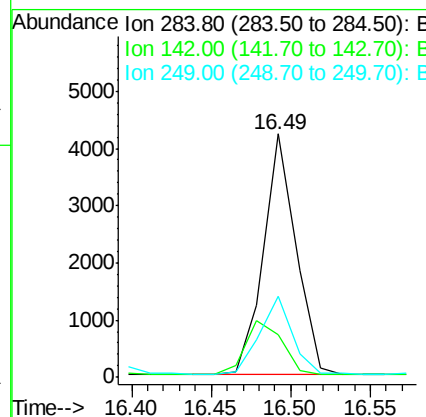
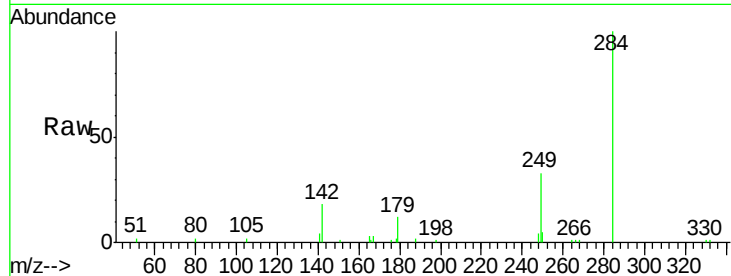
ClientSampleId :

SSTDCCC0.4

Tgt Ion:	284	Resp:	5962
Ion Ratio		Lower	Upper
284	100		
142	25.1	21.0	31.6
249	31.9	26.7	40.1

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#22

Pentachlorophenol

Concen: 0.515 ng

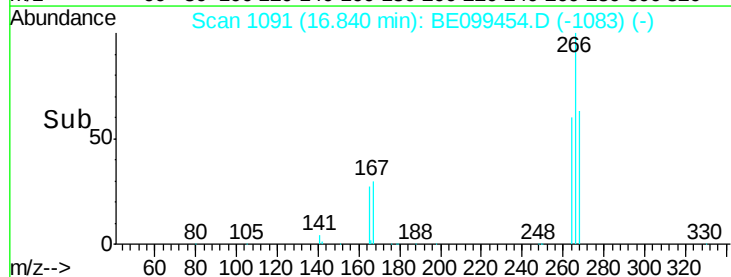
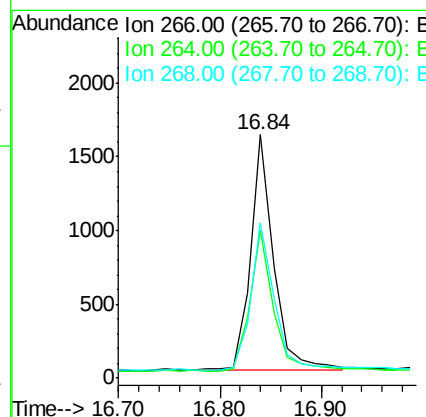
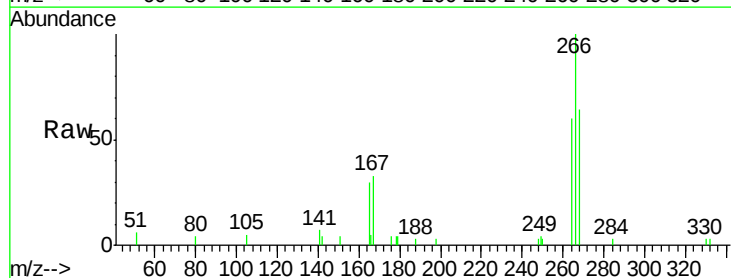
RT: 16.84 min Scan# 1091

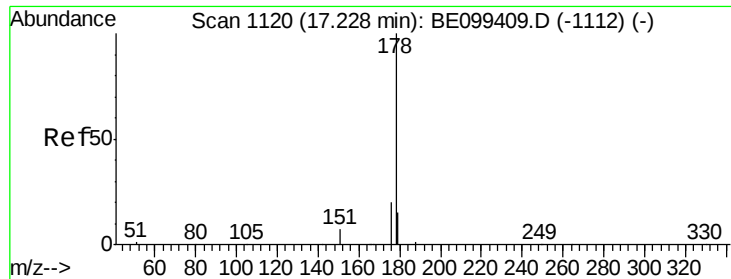
Delta R.T. 0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Tgt Ion:	266	Resp:	2548
Ion Ratio		Lower	Upper
266	100		
264	60.4	50.8	76.2
268	63.8	50.5	75.7





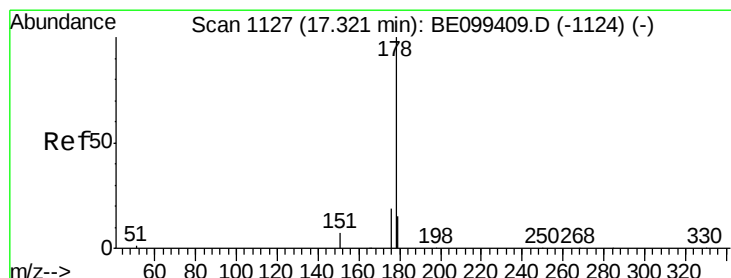
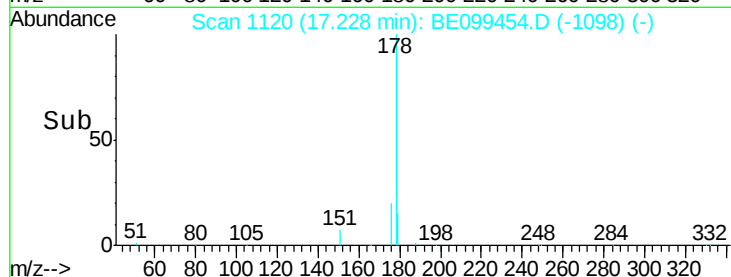
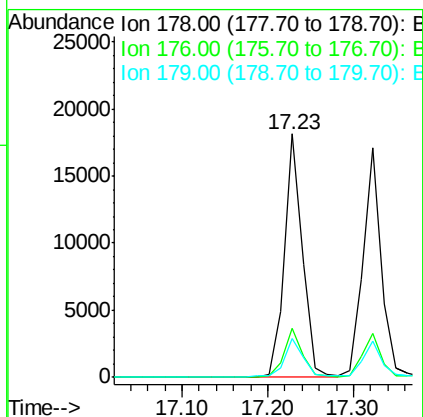
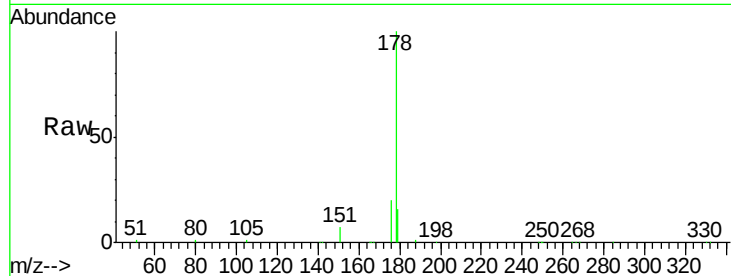
#23
Phenanthrene
Concen: 0.395 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.7	12.0	18.0

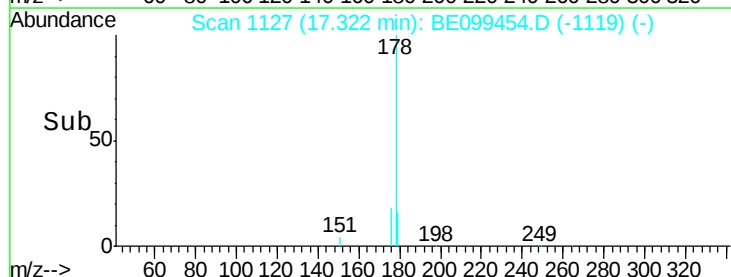
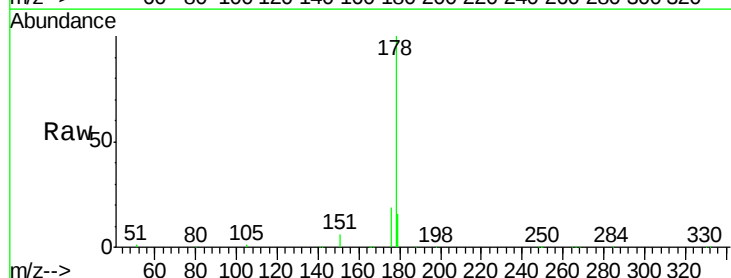
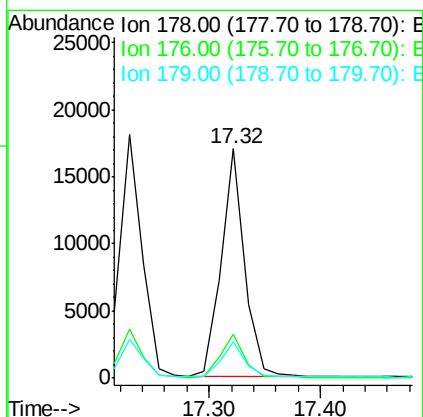
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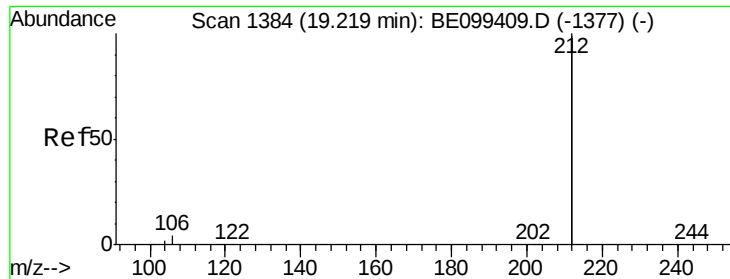
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#24
Anthracene
Concen: 0.392 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.5	11.9	17.9





#25

Fluoranthene-d10

Concen: 0.362 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

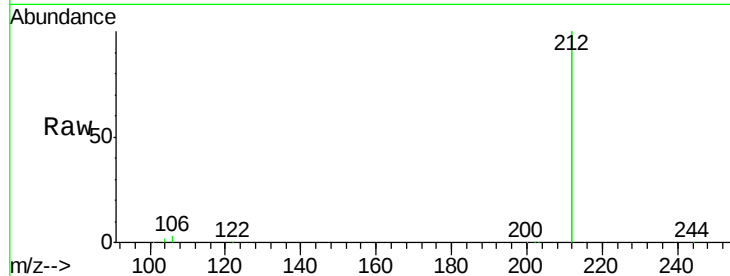
ClientSampleId :

SSTDCCC0.4

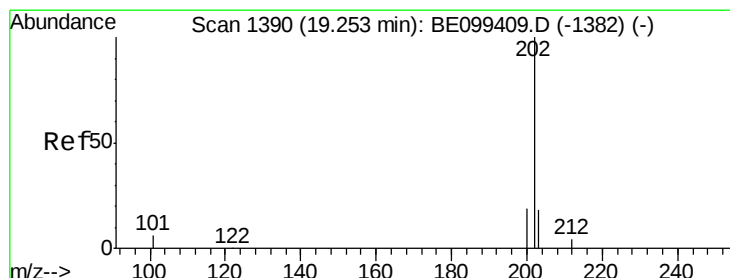
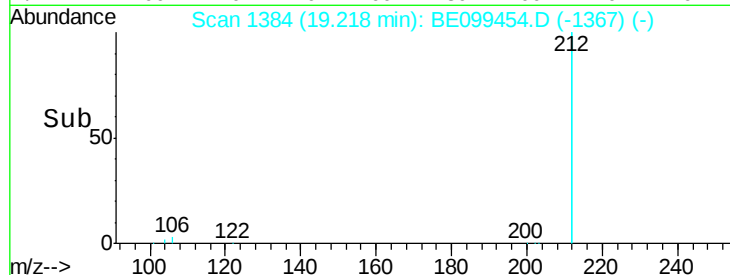
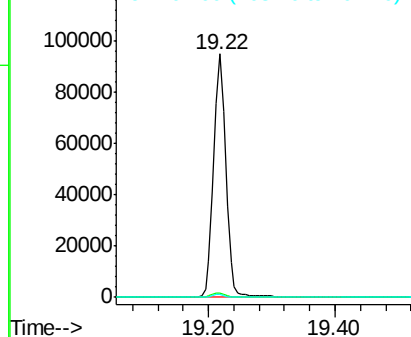
Tgt Ion:	212	Resp:	124369
Ion Ratio	Lower	Upper	
212	100		
106	1.8	1.5	2.3
104	1.0	0.9	1.3

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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: 0.367 ng

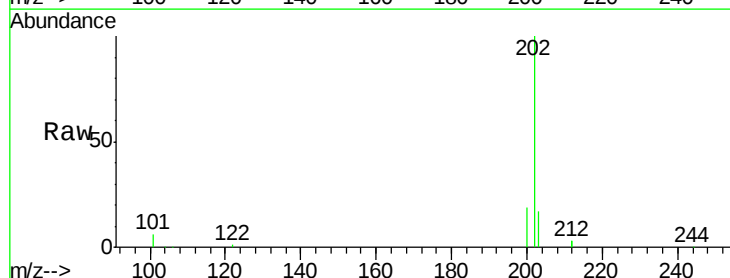
RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

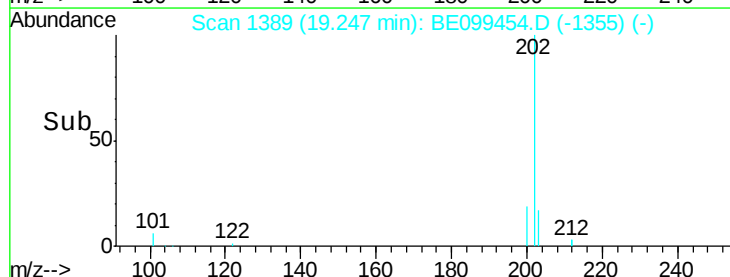
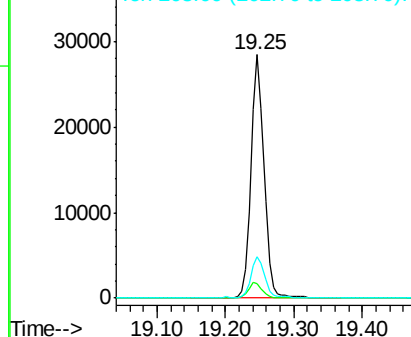
Lab File: BE099454.D

Acq: 1 May 2019 9:03

Tgt Ion:	202	Resp:	36229
Ion Ratio	Lower	Upper	
202	100		
101	6.7	5.4	8.0
203	17.3	13.9	20.9



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. -0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:240 Resp: 28537
Ion Ratio Lower Upper

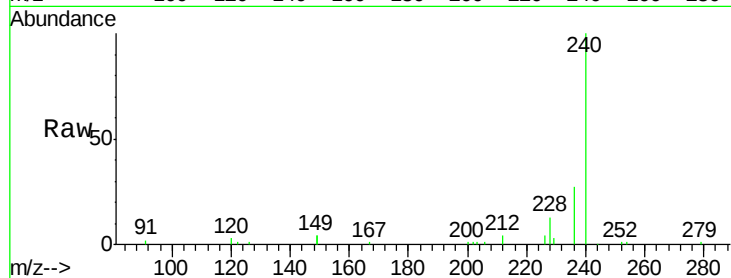
240 100

120 3.1 4.0 6.0#

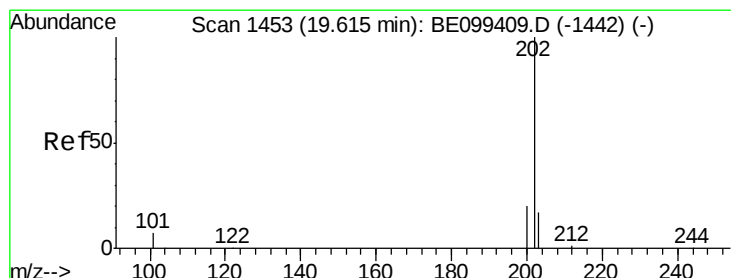
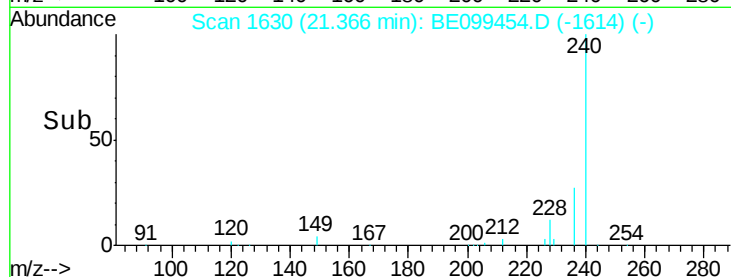
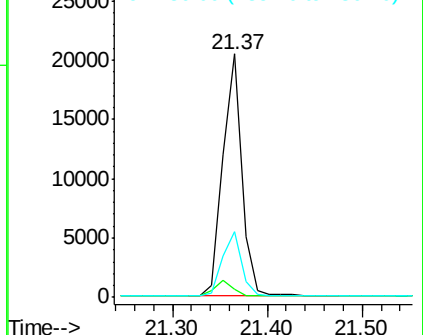
236 27.2 22.0 33.0

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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: 0.500 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BE099454.D

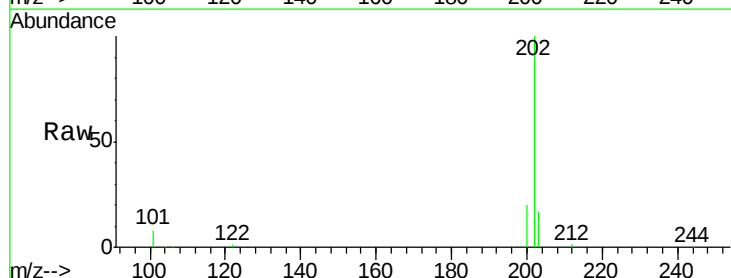
Acq: 1 May 2019 9:03

Tgt Ion:202 Resp: 37159
Ion Ratio Lower Upper

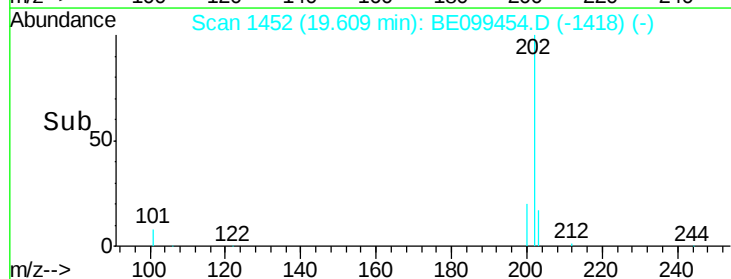
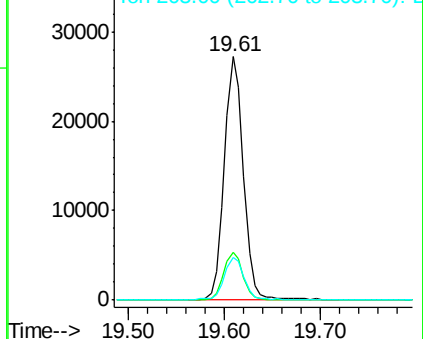
202 100

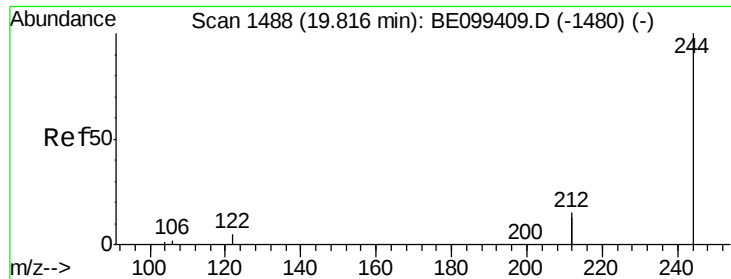
200 19.7 15.7 23.5

203 17.7 13.9 20.9



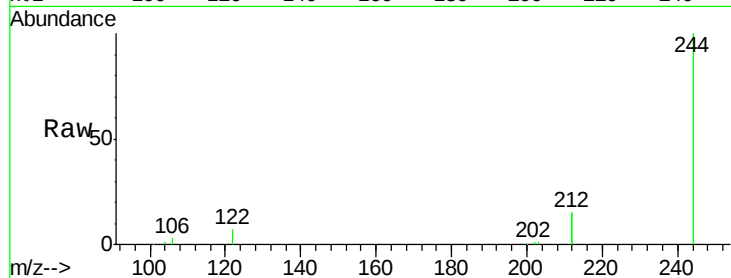
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29
 Terphenyl-d14
 Concen: 0.484 ng
 RT: 19.81 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: BE099454.D
 Acq: 1 May 2019 9:03

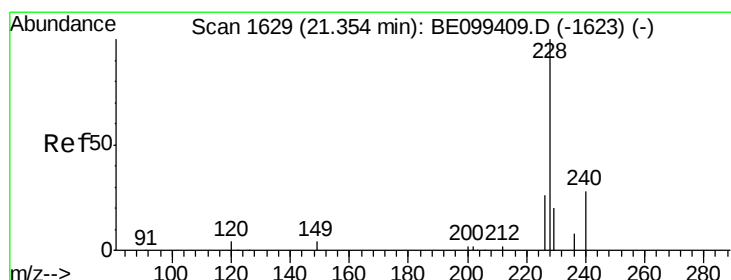
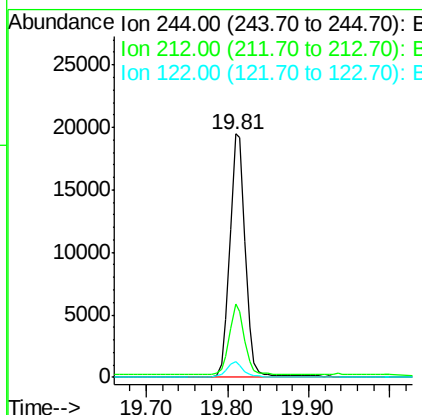
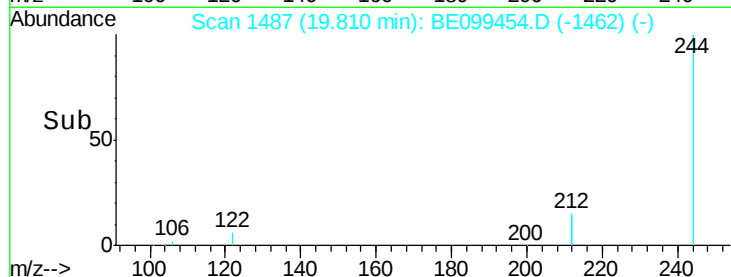
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4



Tgt Ion	Ratio	Lower	Upper
244	100		
212	30.0	23.2	34.8
122	6.7	4.2	6.4

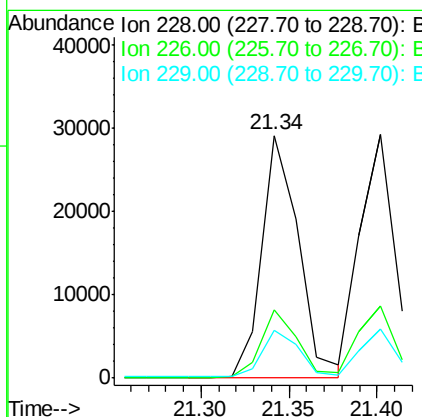
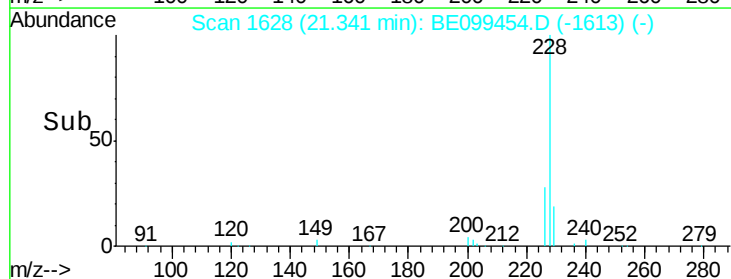
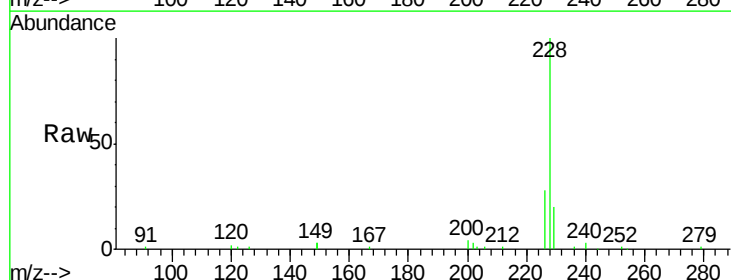
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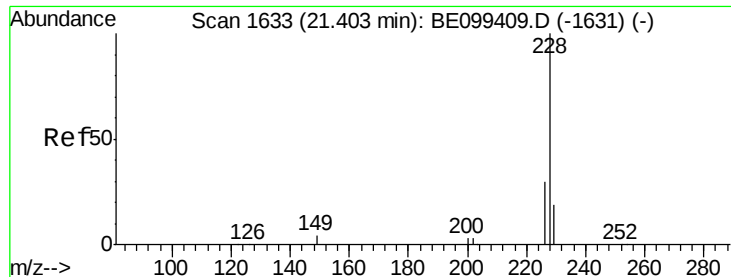
Sohil
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#30
 Benzo(a)anthracene
 Concen: 0.461 ng
 RT: 21.34 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BE099454.D
 Acq: 1 May 2019 9:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.0	31.6
229	19.6	16.6	25.0





#31

Chrysene

Concen: 0.450 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

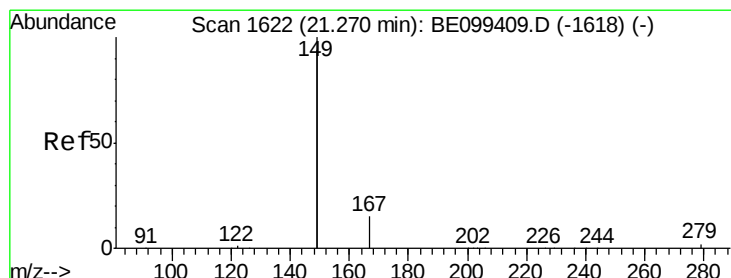
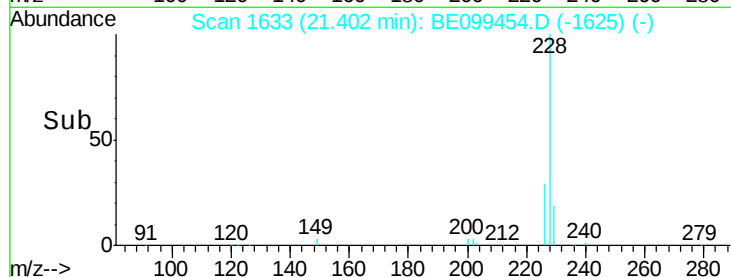
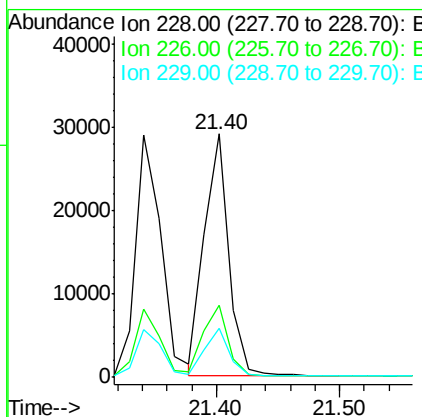
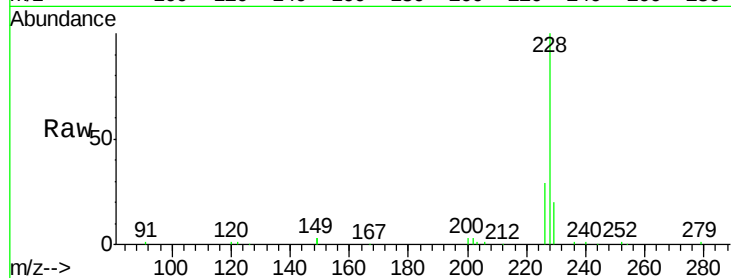
ClientSampleId :

SSTDCCC0.4

Tgt Ion:	228	Resp:	40061
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.0	36.0
229	19.9	15.8	23.8

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.424 ng

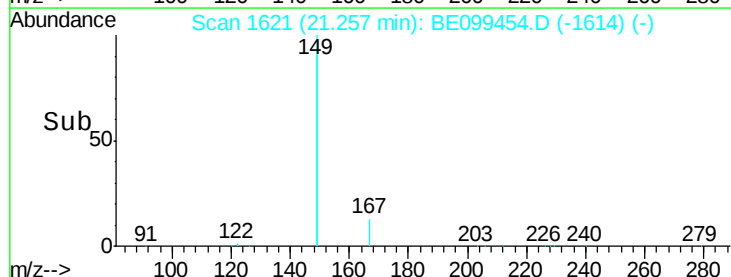
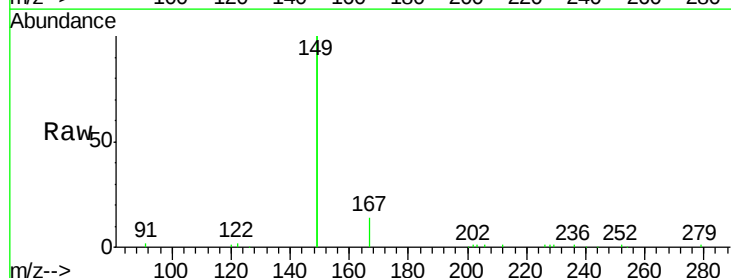
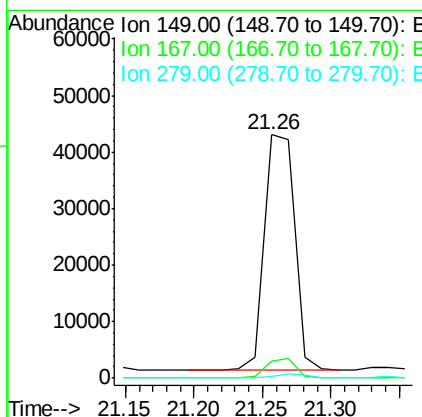
RT: 21.26 min Scan# 1621

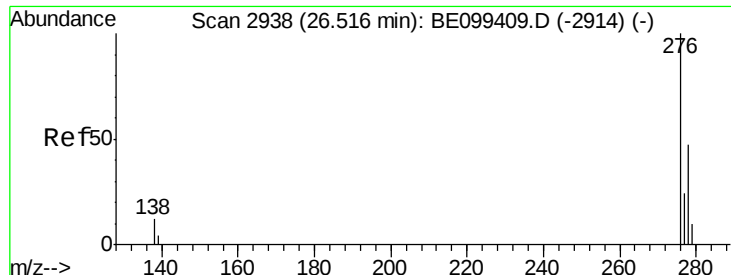
Delta R.T. -0.01 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Tgt Ion:	149	Resp:	63526
Ion Ratio	Lower	Upper	
149	100		
167	7.5	5.8	8.6
279	1.5	1.0	1.6





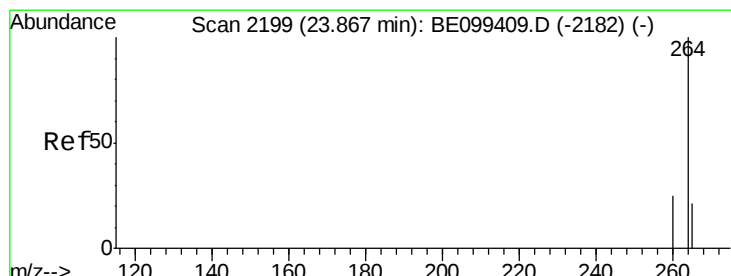
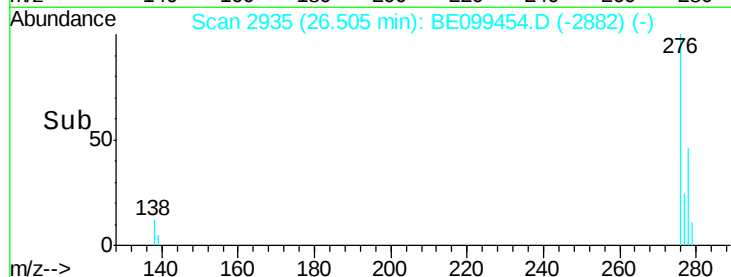
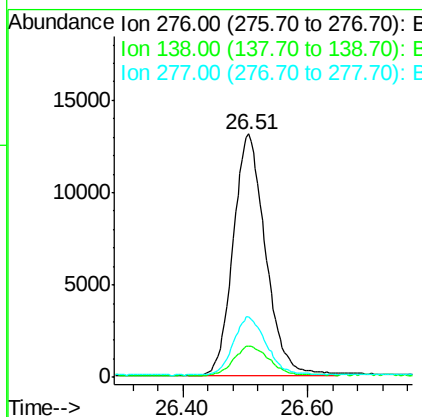
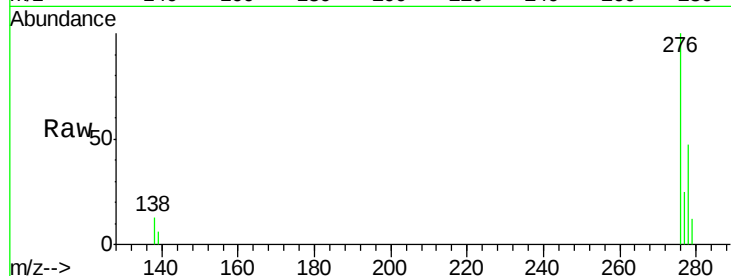
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.449 ng
 RT: 26.51 min Scan# 2935
 Delta R.T. -0.01 min
 Lab File: BE099454.D
 Acq: 1 May 2019 9:03

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.9	10.2	15.2
277	24.4	19.2	28.8

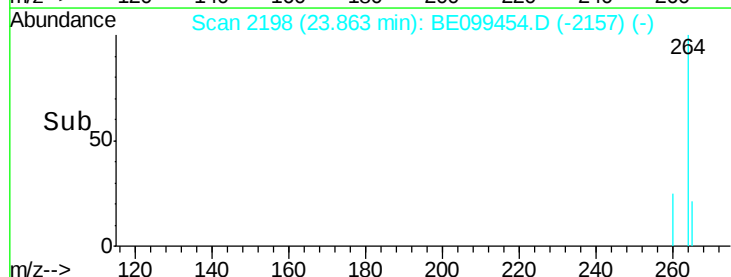
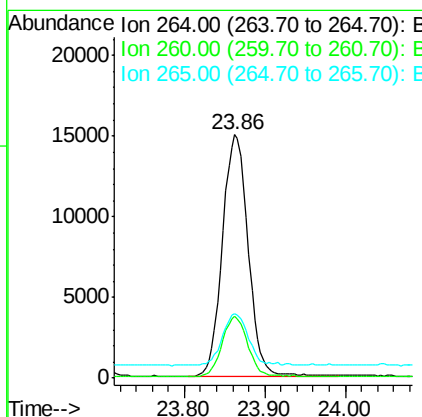
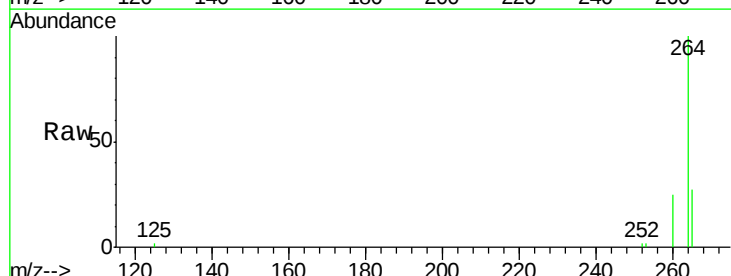
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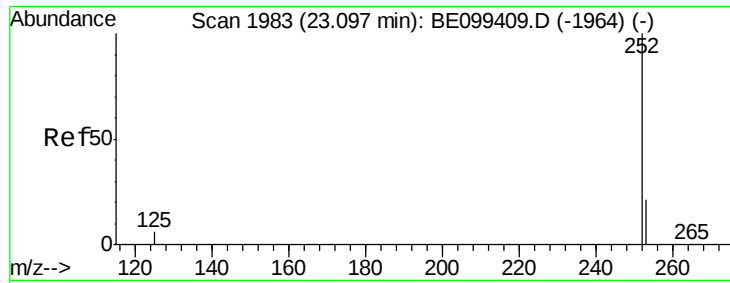
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: BE099454.D
 Acq: 1 May 2019 9:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	26.7	21.3	31.9





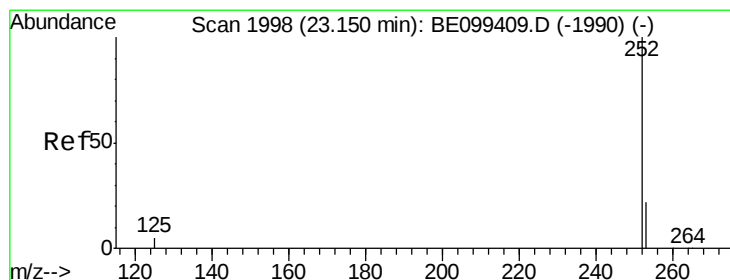
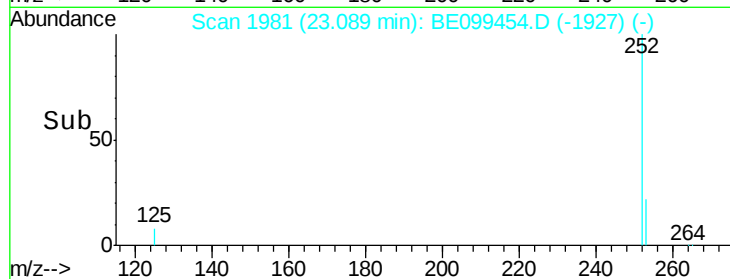
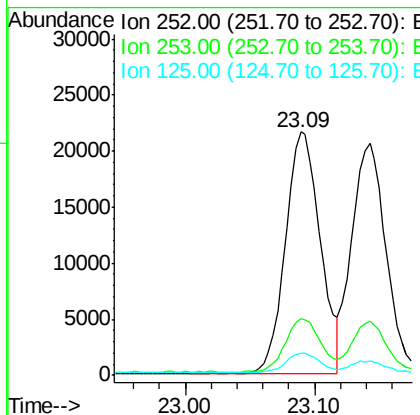
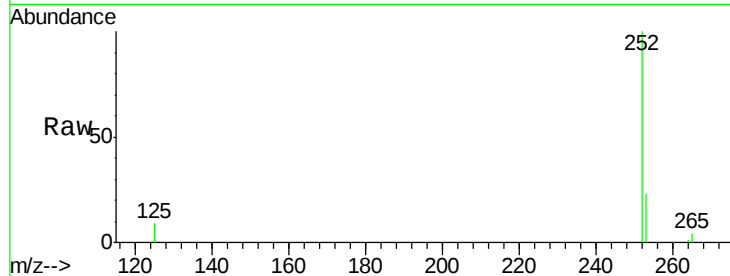
#35
Benzo(b)fluoranthene
Concen: 0.424 ng m
RT: 23.09 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	9.0	5.6	8.4

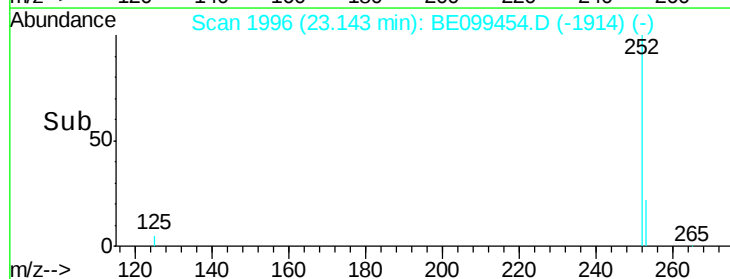
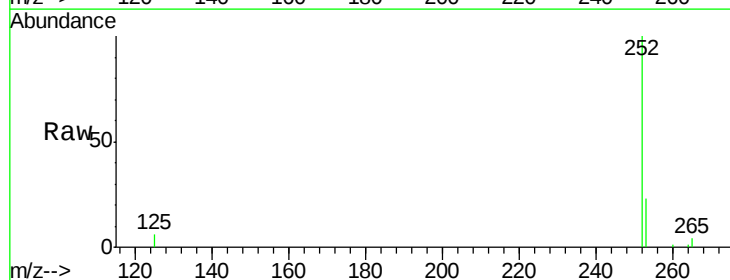
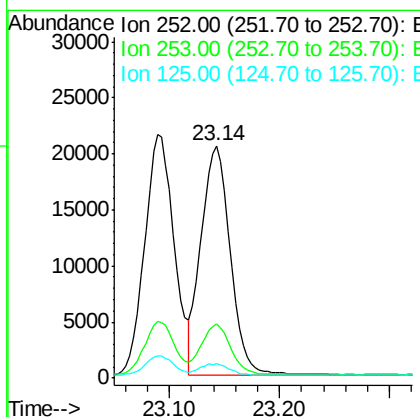
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#36
Benzo(k)fluoranthene
Concen: 0.411 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	6.3	5.0	7.4





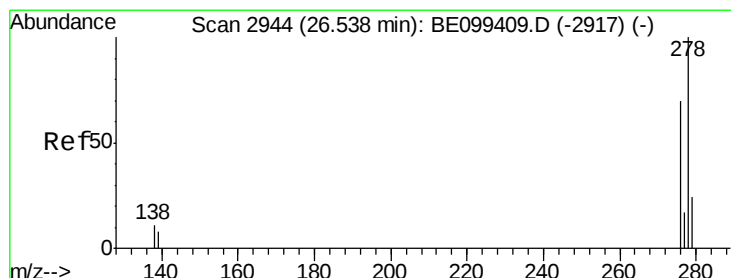
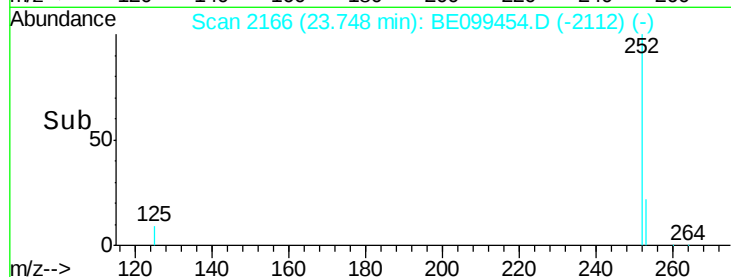
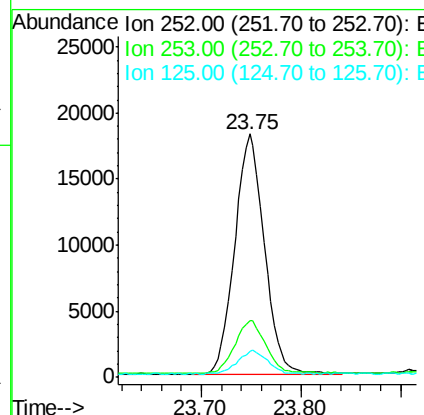
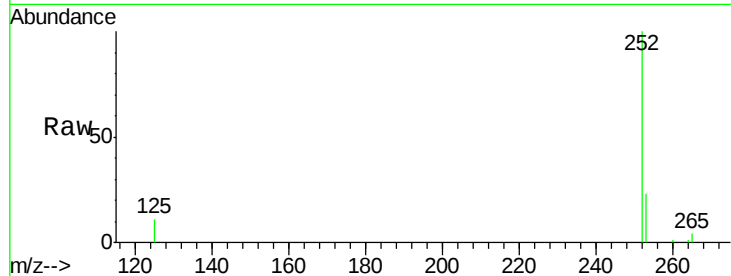
#37
Benzo(a)pyrene
Concen: 0.419 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.9	28.3
125	10.7	6.7	10.1

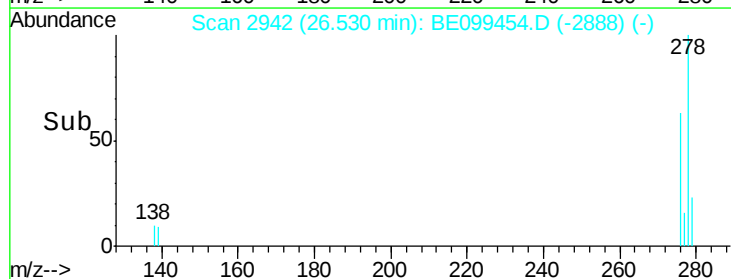
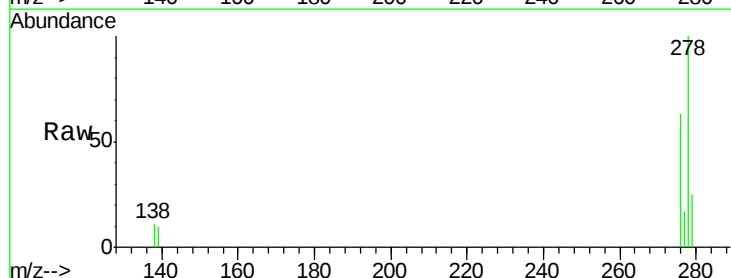
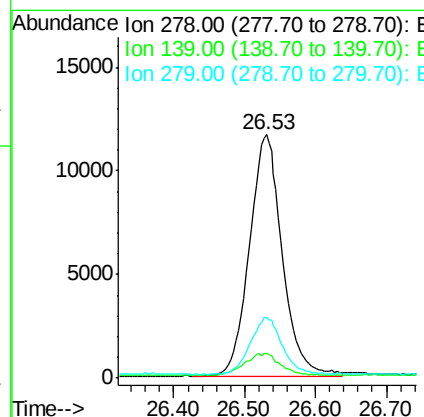
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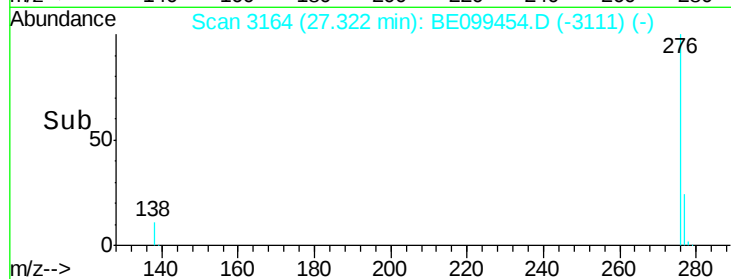
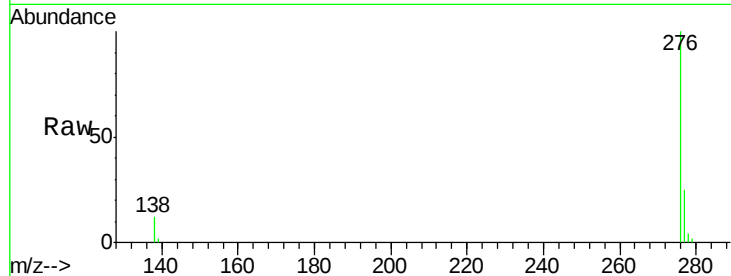
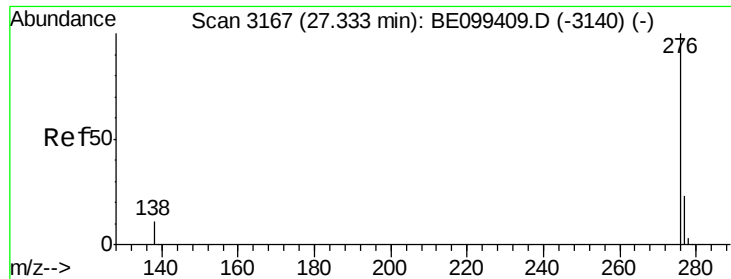
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#38
Dibenzo(a,h)anthracene
Concen: 0.411 ng
RT: 26.53 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BE099454.D
Acq: 1 May 2019 9:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.2	7.7	11.5
279	24.6	20.2	30.2





#39

Benzo(g,h,i)perylene

Concen: 0.417 ng

RT: 27.32 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BE099454.D

Acq: 1 May 2019 9:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt	Ion	276	Resp:	38663
Ion	Ratio	Lower	Upper	
276	100			
277	25.0	19.5	29.3	
138	11.6	9.6	14.4	

Manual Integrations
APPROVED

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