

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
 Data File : BE099368.D
 Acq On : 25 Apr 2019 19:13
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
 APPROVED

Sohil
 4/29/2019 2:29:50 AM

Quant Time: Apr 26 02:28:34 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Apr 19 06:51:38 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4748	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	19422	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	13428	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	35252	0.40	ng	0.00
27) Chrysene-d12	21.37	240	42922	0.40	ng	0.00
34) Perylene-d12	23.87	264	44163	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.40	112	5490	0.47	ng	0.01
5) Phenol-d6	6.97	99	8596	0.52	ng	0.00
8) Nitrobenzene-d5	8.96	82	7231	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	14141	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	2890	0.65	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	21482	0.41	ng	0.00
25) Fluoranthene-d10	19.22	212	178155	0.42	ng	0.00
29) Terphenyl-d14	19.82	244	35465	0.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	2043	0.307	ng	97
3) n-Nitrosodimethylamine	3.65	42	1445	0.404	ng	# 88
6) bis(2-Chloroethyl)ether	7.24	93	6184	0.400	ng	98
9) Naphthalene	10.65	128	110328	0.521	ng	100
10) Hexachlorobutadiene	10.94	225	5908	0.439	ng	98
12) 2-Methylnaphthalene	12.28	142	18077	0.501	ng	95
16) Acenaphthylene	14.18	152	27607	0.455	ng	99
17) Acenaphthene	14.53	154	15491	0.414	ng	98
18) Fluorene	15.49	166	21942	0.408	ng	100
20) 4-Bromophenyl-phenylether	16.38	248	8673	0.444	ng	98
21) Hexachlorobenzene	16.49	284	8178	0.436	ng	97
22) Pentachlorophenol	16.84	266	3836	0.726	ng	95
23) Phenanthrene	17.23	178	39642	0.425	ng	100
24) Anthracene	17.32	178	36117	0.435	ng	99
26) Fluoranthene	19.25	202	50822	0.407	ng	98
28) Pyrene	19.61	202	53281	0.421	ng	99
30) Benzo(a)anthracene	21.34	228	56982	0.452	ng	99
31) Chrysene	21.40	228	55389	0.412	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	99034	0.863	ng	100
33) Indeno(1,2,3-cd)pyrene	26.51	276	60951	0.460	ng	97
35) Benzo(b)fluoranthene	23.09	252	53086m	0.393	ng	
36) Benzo(k)fluoranthene	23.15	252	51149	0.379	ng	100
37) Benzo(a)pyrene	23.75	252	50080	0.413	ng	# 93
38) Dibenzo(a,h)anthracene	26.54	278	50106	0.405	ng	99
39) Benzo(g,h,i)perylene	27.32	276	49022	0.391	ng	97

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

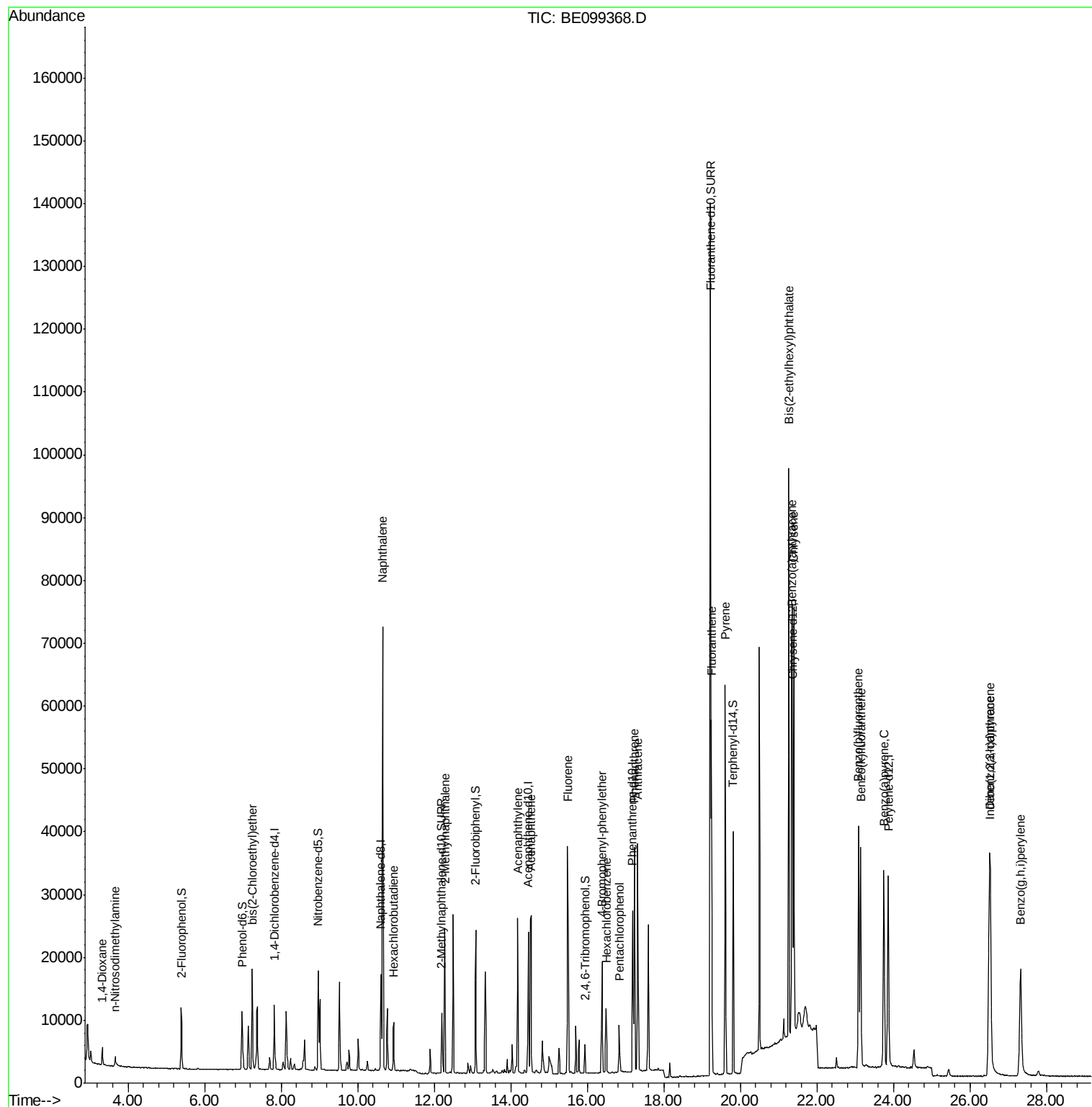
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
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Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

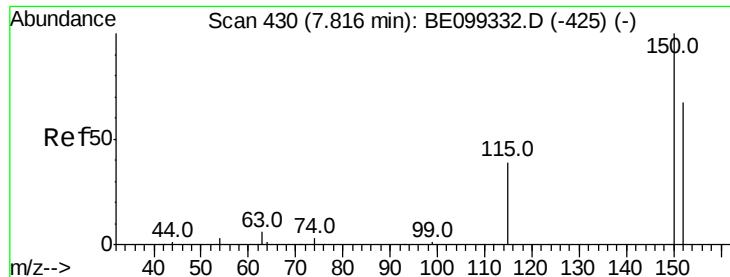
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations
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Sohil
4/29/2019 2:29:50 AM

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:152 Resp: 4748

Ion Ratio Lower Upper

152 100

150 149.8 119.5 179.3

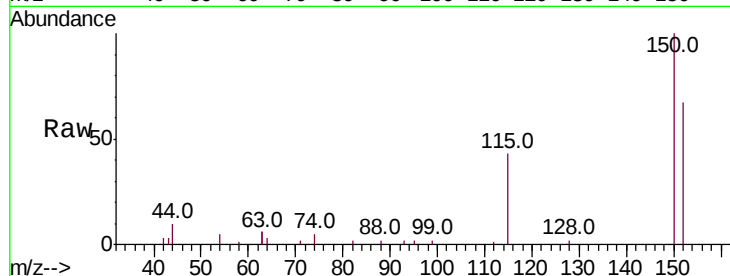
115 63.7 47.5 71.3

Manual Integrations

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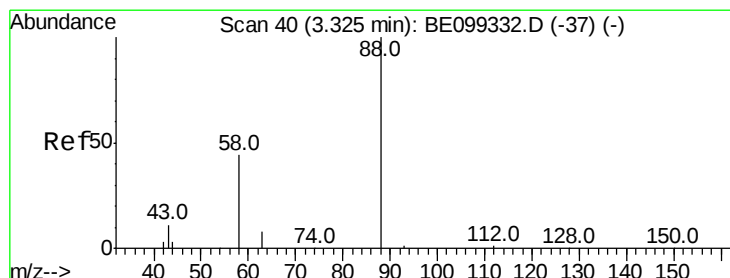
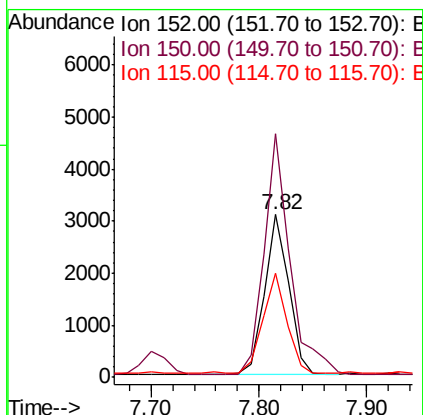
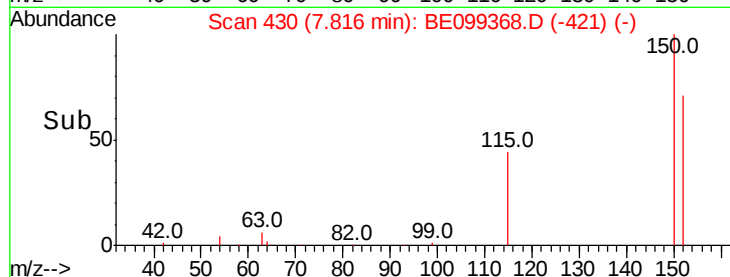
4/29/2019 2:29:50 AM



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: 0.307 ng

RT: 3.32 min Scan# 40

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

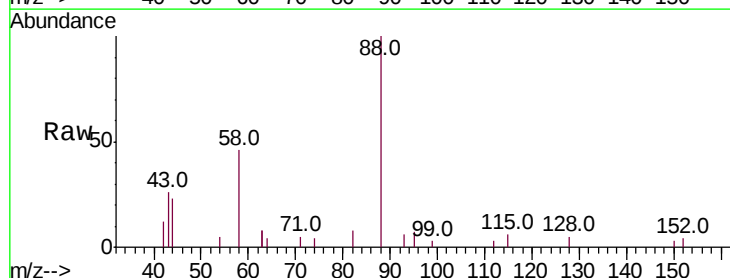
Tgt Ion: 88 Resp: 2043

Ion Ratio Lower Upper

88 100

58 59.9 49.1 73.7

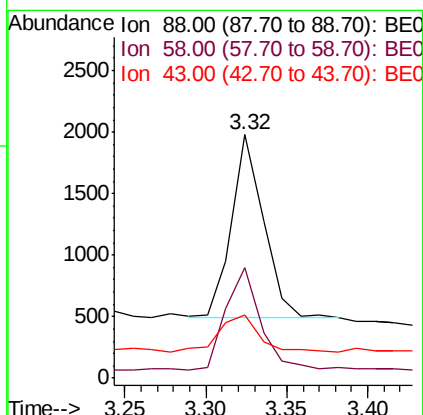
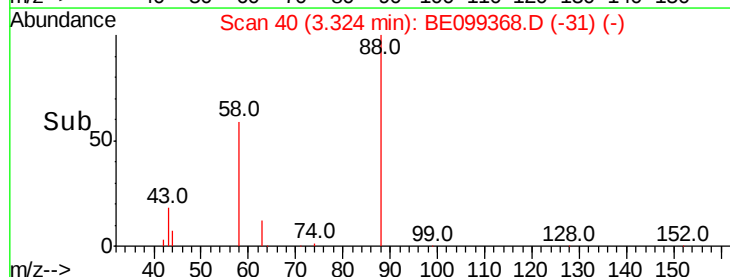
43 24.4 17.9 26.9

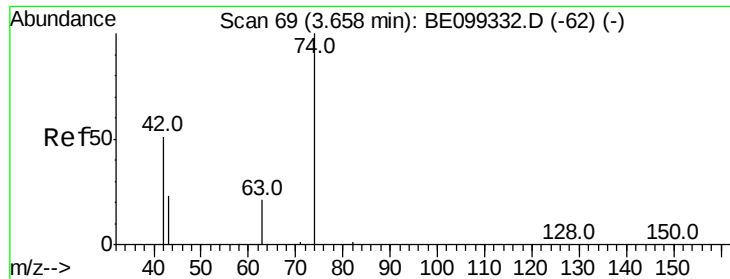


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.404 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

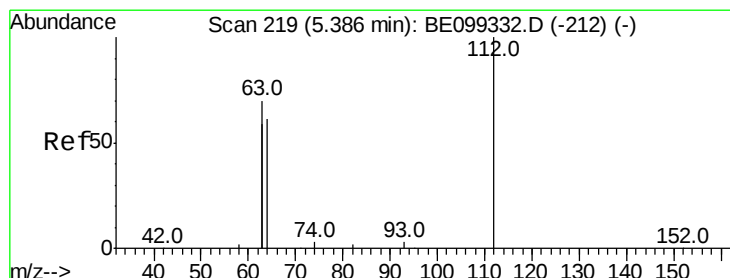
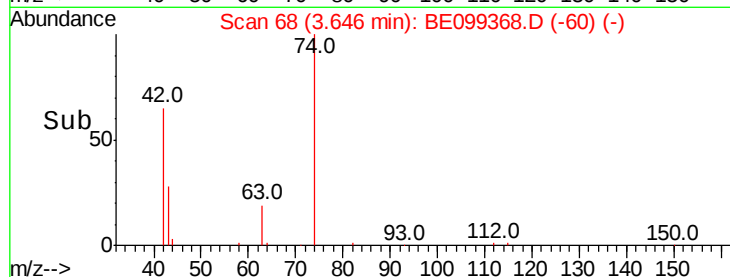
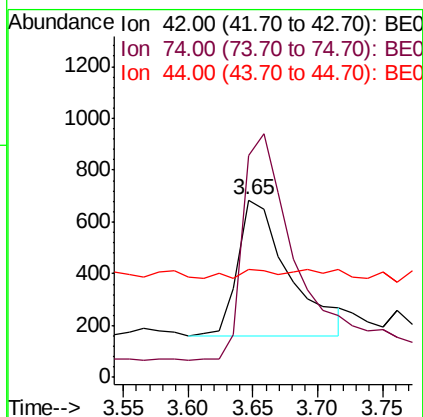
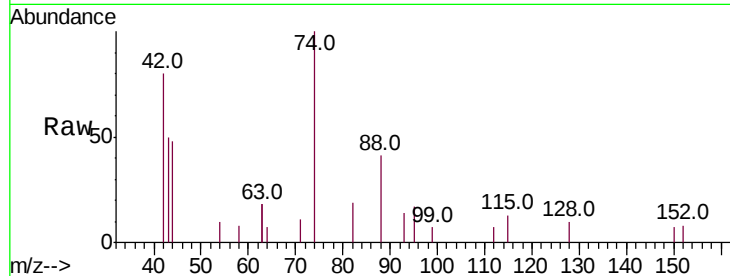
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	42	Resp:	1445
Ion	Ratio	Lower	Upper
42	100		
74	164.9	145.8	218.8
44	4.6	9.0	13.4#

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#4

2-Fluorophenol

Concen: 0.473 ng

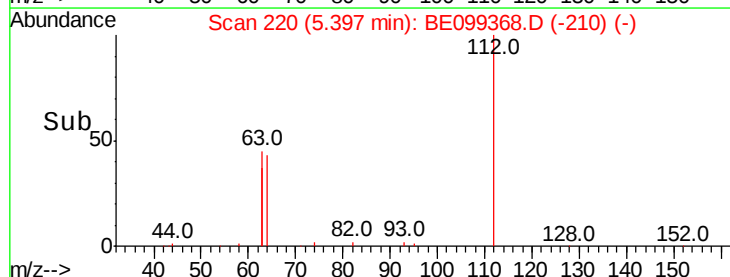
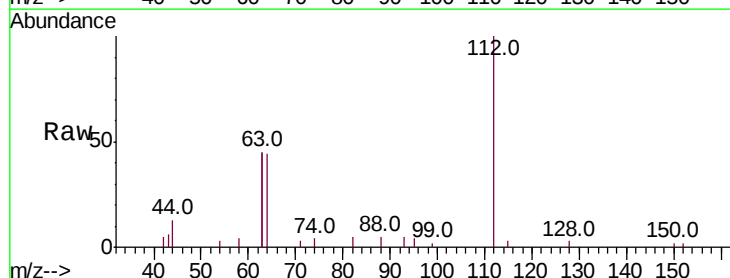
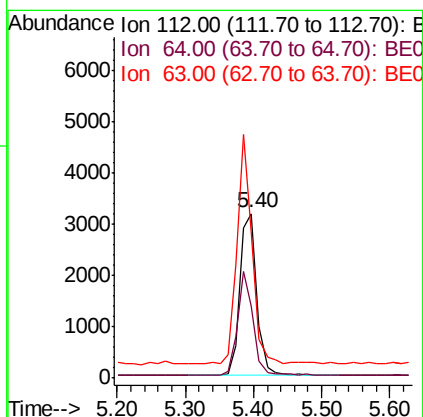
RT: 5.40 min Scan# 220

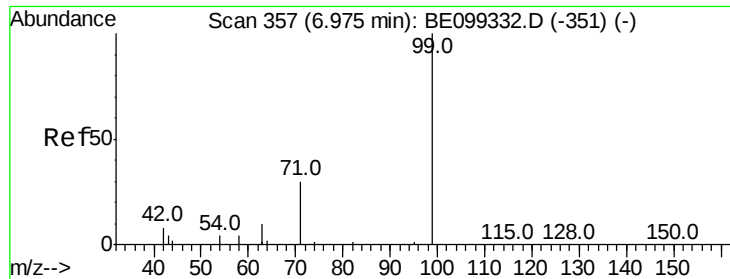
Delta R.T. 0.01 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Tgt Ion:	112	Resp:	5490
Ion	Ratio	Lower	Upper
112	100		
64	58.5	44.9	67.3
63	125.7	97.4	146.0





#5

Phenol-d6

Concen: 0.519 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

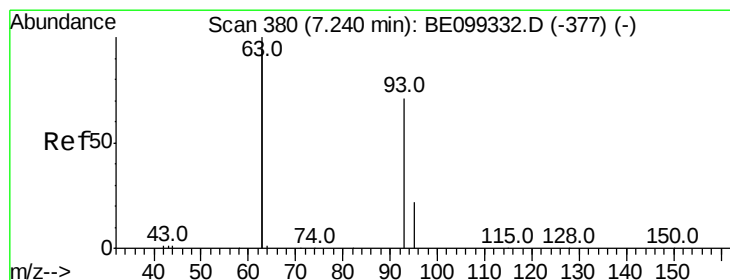
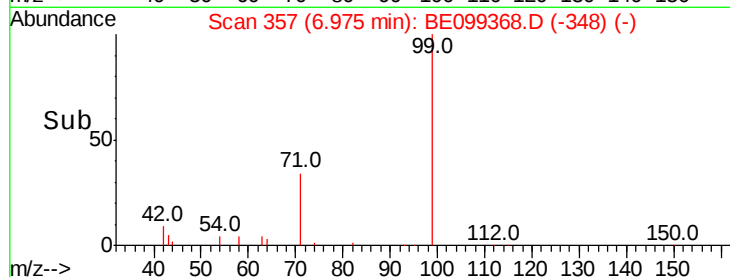
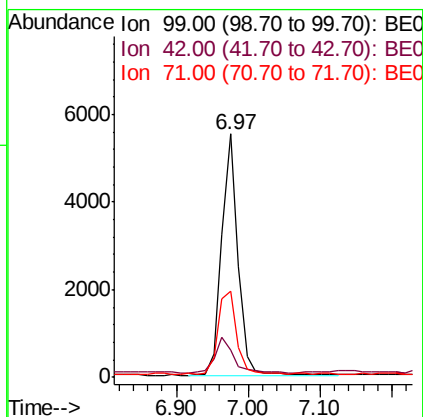
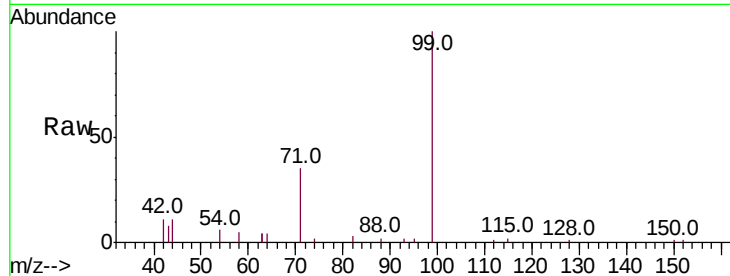
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	99	Resp:	8596
Ion	Ratio	Lower	Upper
99	100		
42	16.7	11.7	17.5
71	38.6	29.6	44.4

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.400 ng

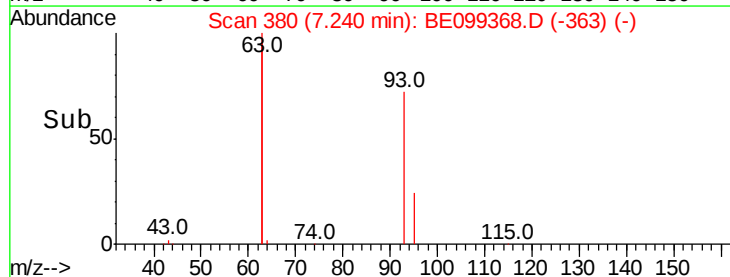
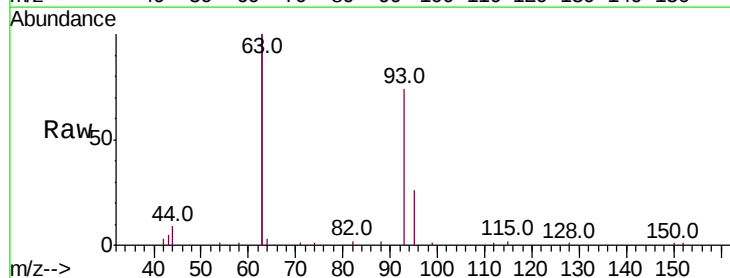
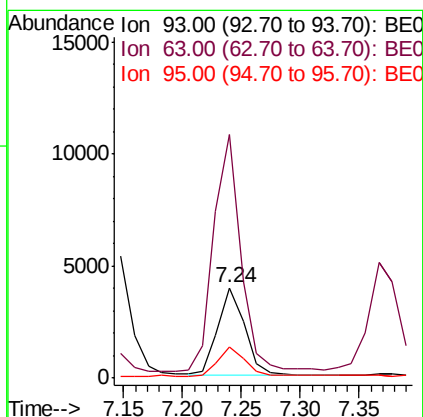
RT: 7.24 min Scan# 380

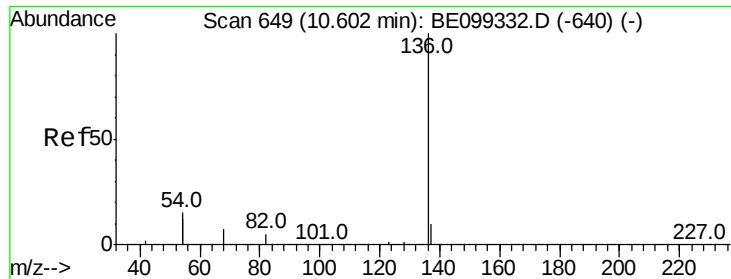
Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Tgt Ion:	93	Resp:	6184
Ion	Ratio	Lower	Upper
93	100		
63	273.7	216.6	324.8
95	33.6	25.8	38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

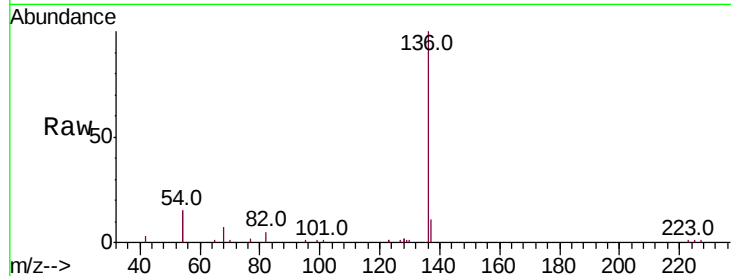
ClientSampleId :

SSTDCCC0.4EC

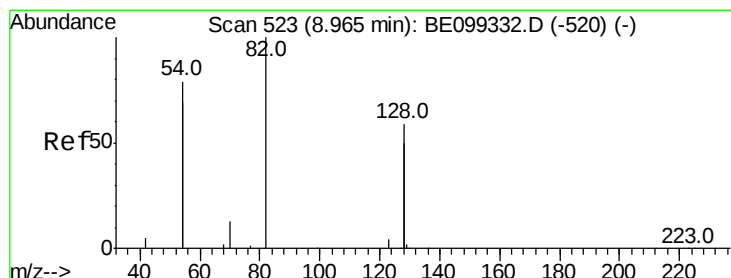
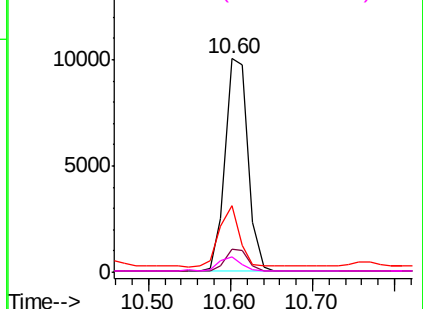
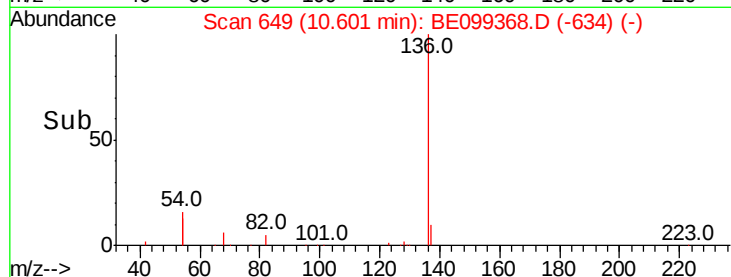
Tot Ion	136	Resp	19422
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.7	13.1
54	31.0	23.8	35.8
68	7.3	6.4	9.6

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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: 0.480 ng

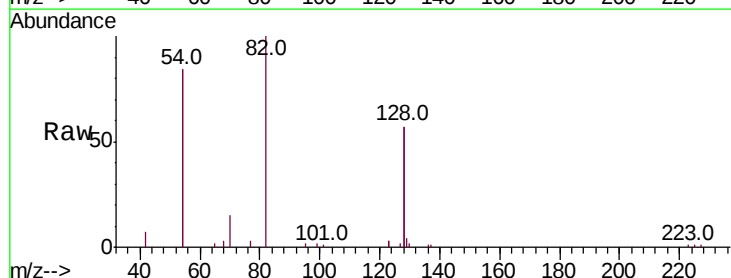
RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

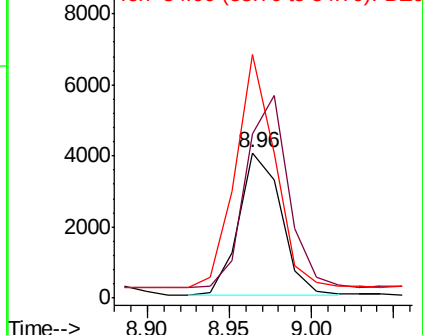
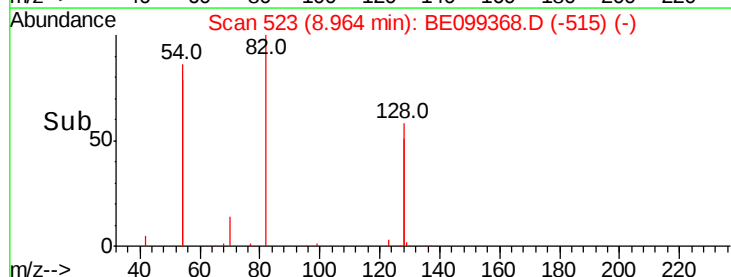
Lab File: BE099368.D

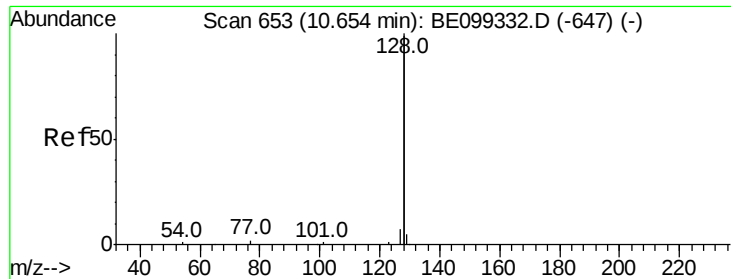
Acq: 25 Apr 2019 19:13

Tgt Ion	82	Resp	7231
Ion Ratio	Lower	Upper	
82	100		
128	113.1	91.7	137.5
54	167.5	122.8	184.2



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: 0.521 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

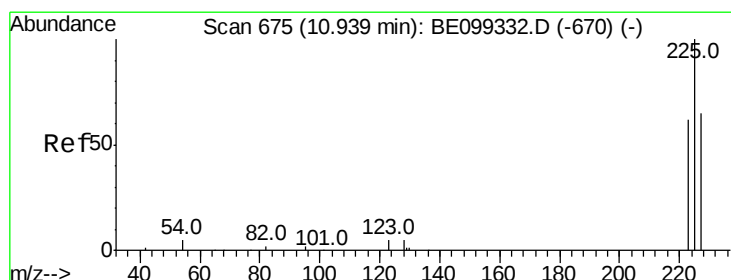
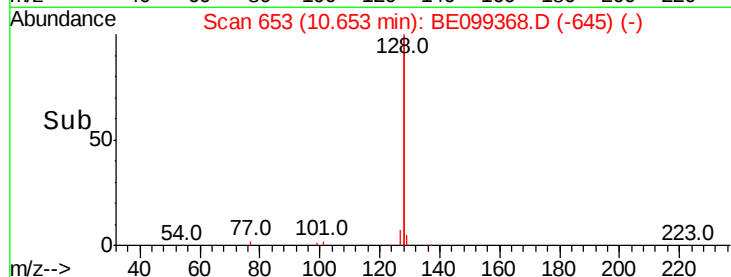
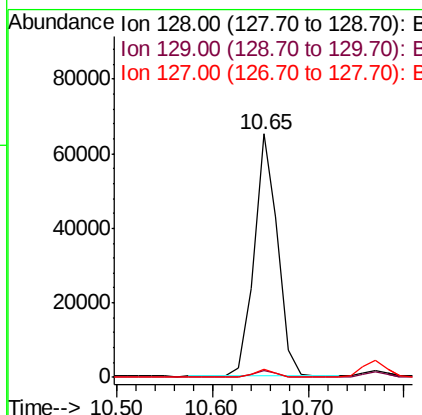
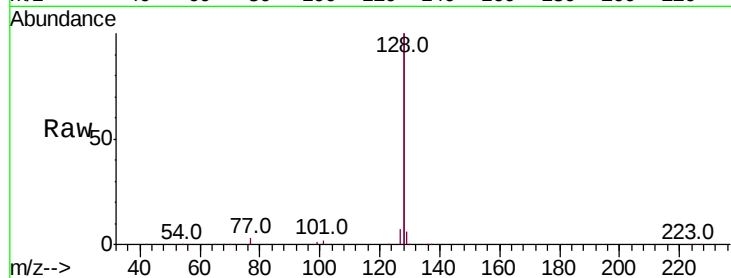
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:128	Resp:	110328
Ion Ratio	Lower	Upper
128 100		
129 2.8	2.3	3.5
127 3.3	2.8	4.2

Manual Integrations
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#10

Hexachlorobutadiene

Concen: 0.439 ng

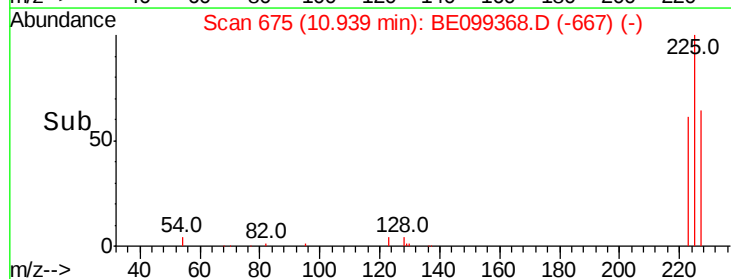
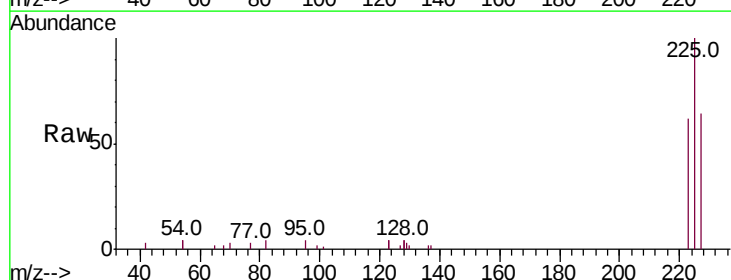
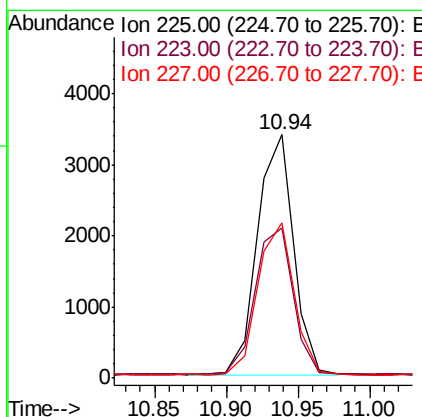
RT: 10.94 min Scan# 675

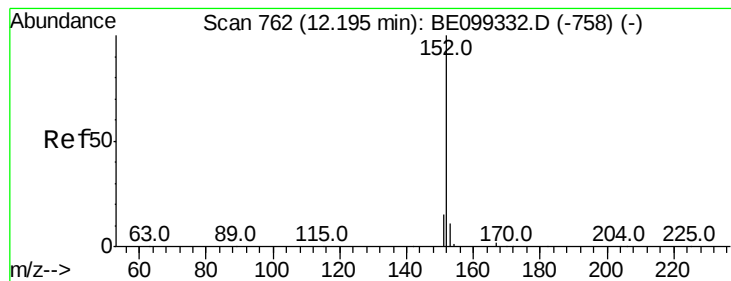
Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Tgt Ion:225	Resp:	5908
Ion Ratio	Lower	Upper
225 100		
223 64.1	50.3	75.5
227 63.5	49.4	74.0





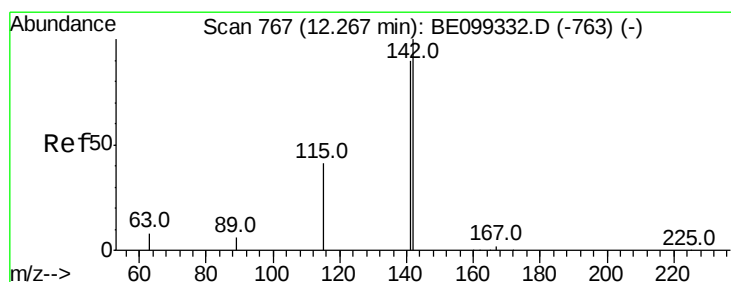
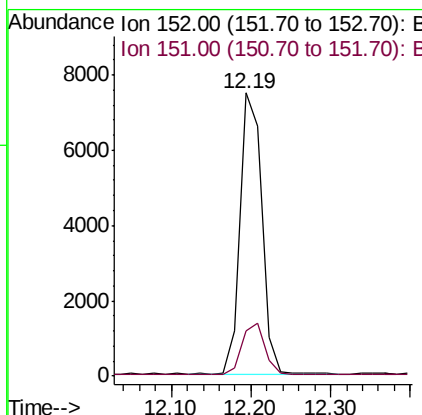
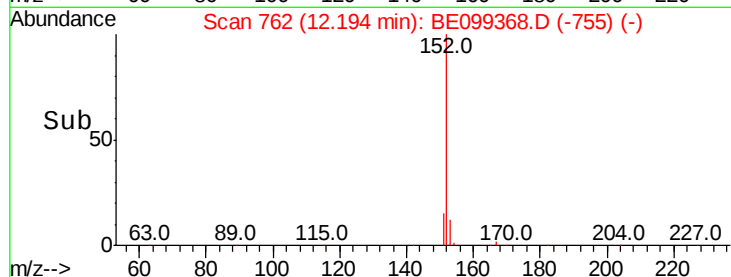
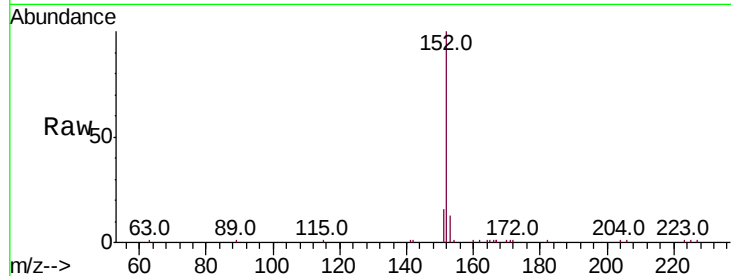
#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099368.D
Acq: 25 Apr 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.2	14.9	22.3

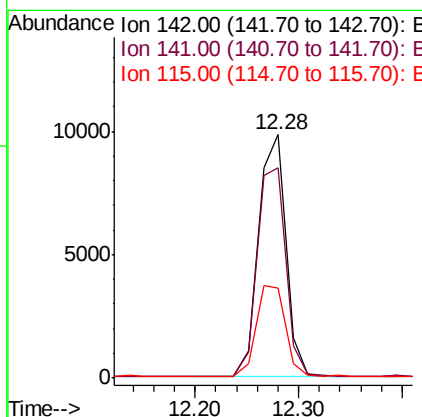
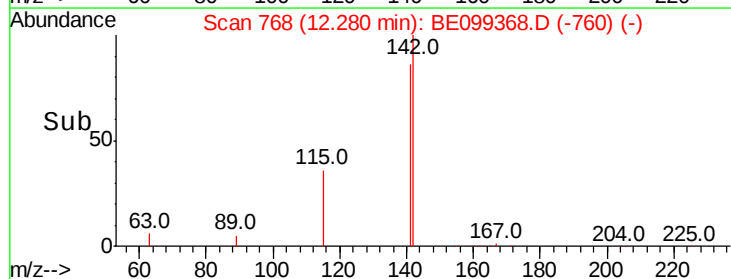
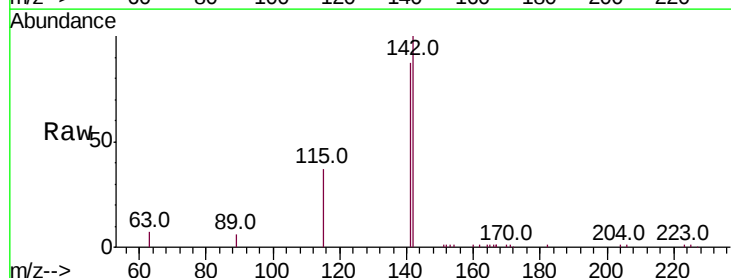
Manual Integrations
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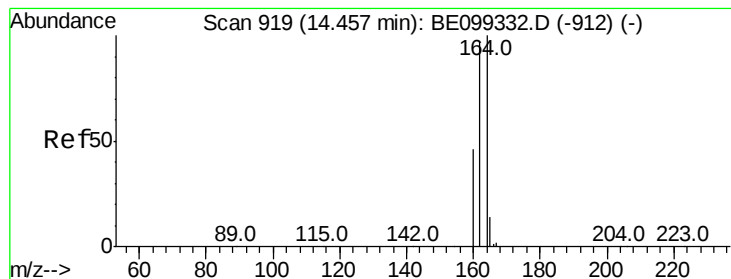
Sohil
4/29/2019 2:29:50 AM



#12
2-Methylnaphthalene
Concen: 0.501 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE099368.D
Acq: 25 Apr 2019 19:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.6	72.0	108.0
115	37.1	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: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

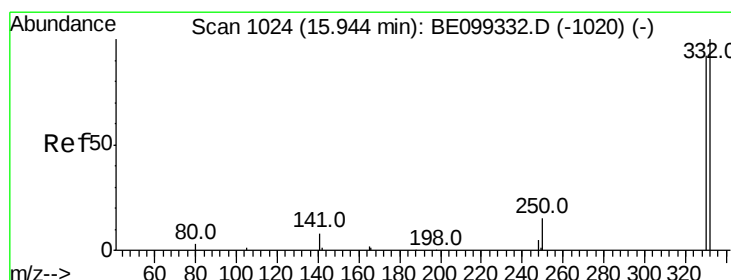
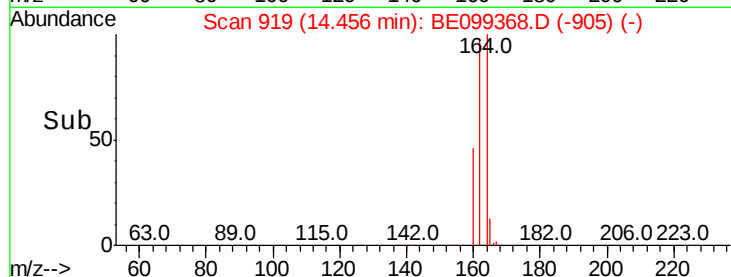
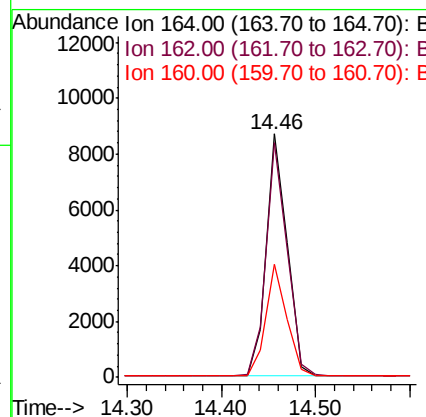
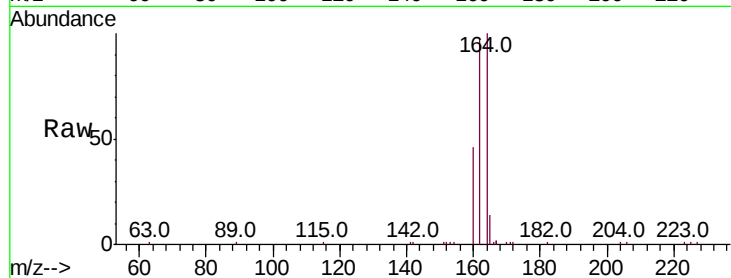
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	164	Resp:	13428
Ion Ratio	Lower	Upper	
164	100		
162	96.6	77.8	116.6
160	46.4	37.1	55.7

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#14

2,4,6-Tribromophenol

Concen: 0.648 ng

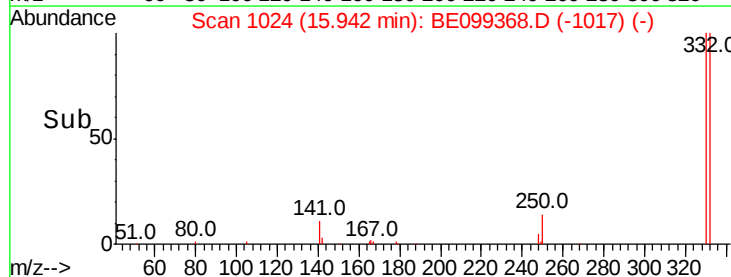
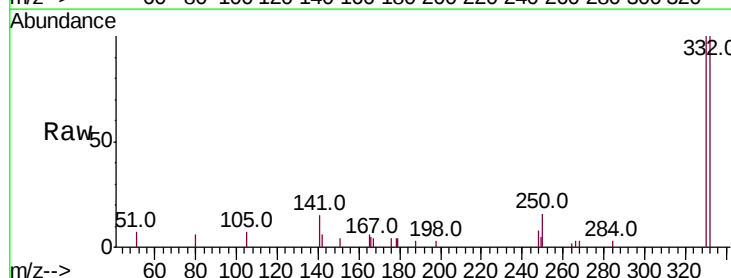
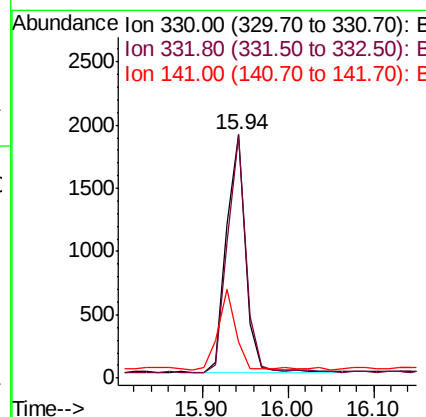
RT: 15.94 min Scan# 1024

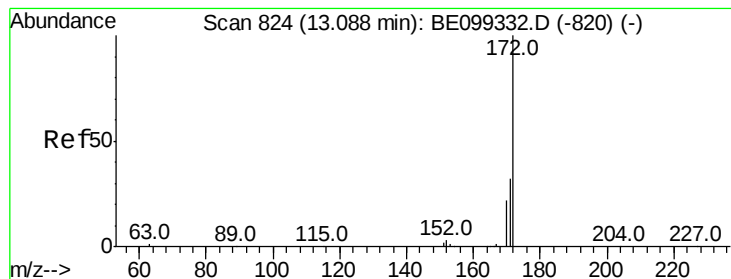
Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Tgt Ion:	330	Resp:	2890
Ion Ratio	Lower	Upper	
330	100		
332	96.5	82.5	123.7
141	31.1	24.9	37.3





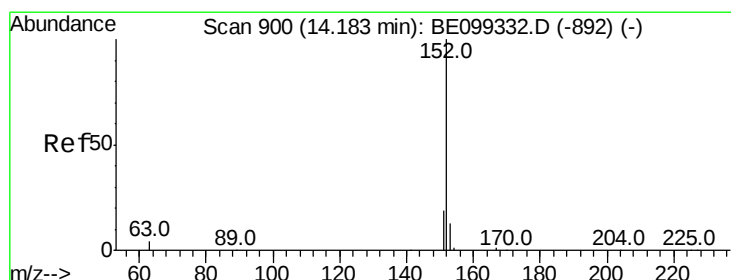
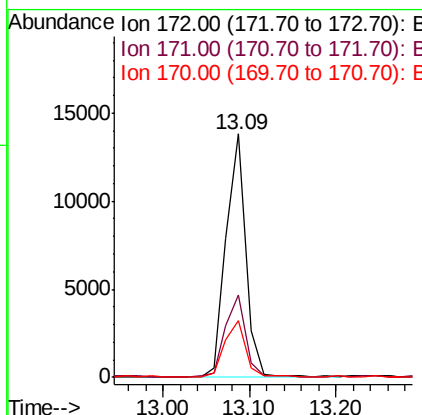
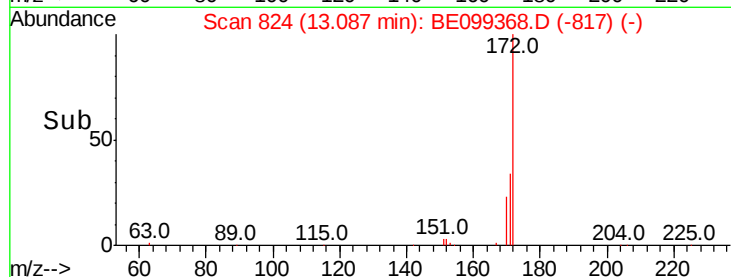
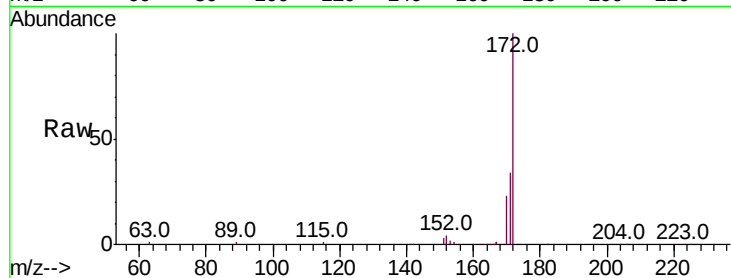
#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099368.D
Acq: 25 Apr 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.2	39.2
170	23.2	18.1	27.1

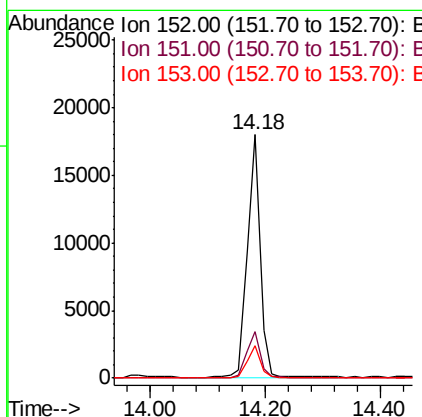
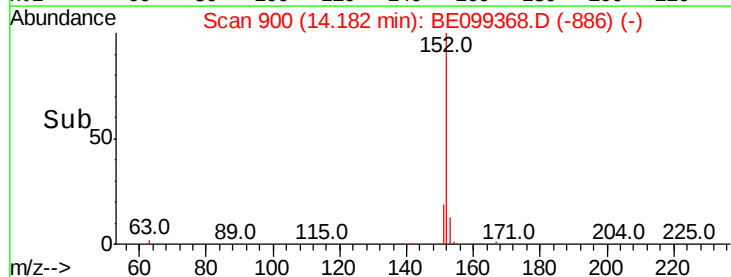
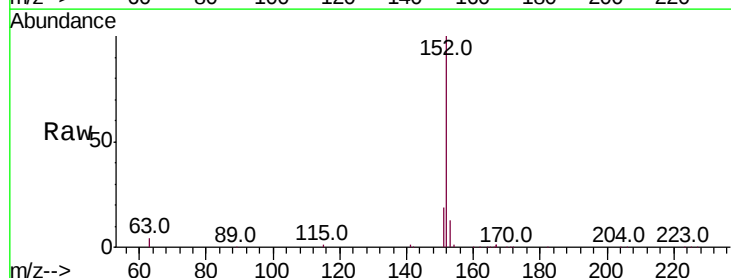
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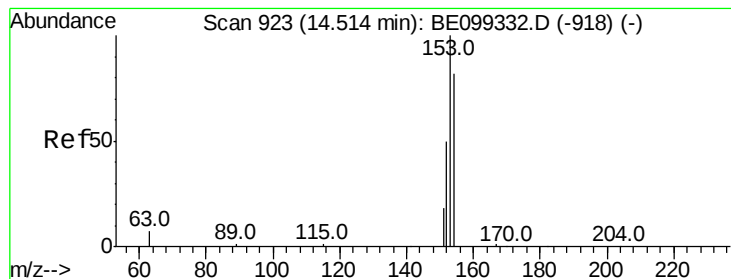
Sohil
4/29/2019 2:29:50 AM



#16
Acenaphthylene
Concen: 0.455 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099368.D
Acq: 25 Apr 2019 19:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.0	10.2	15.4





#17

Acenaphthene

Concen: 0.414 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.01 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:154 Resp: 15491

Ion Ratio Lower Upper

154 100

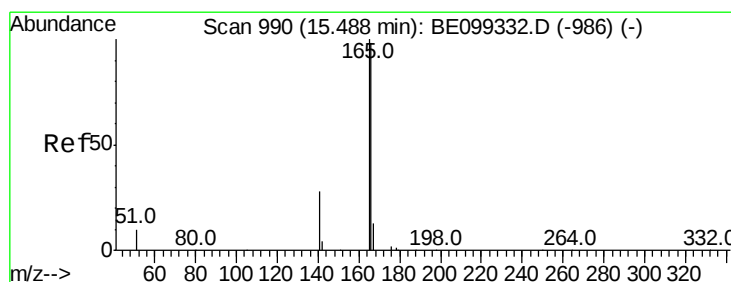
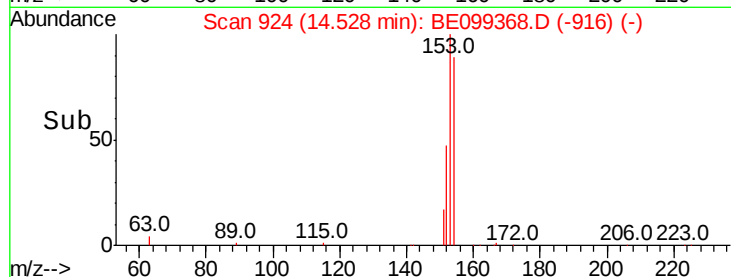
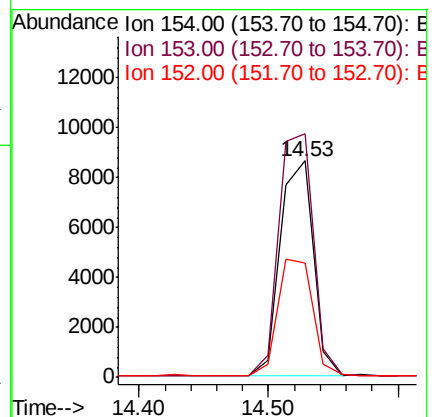
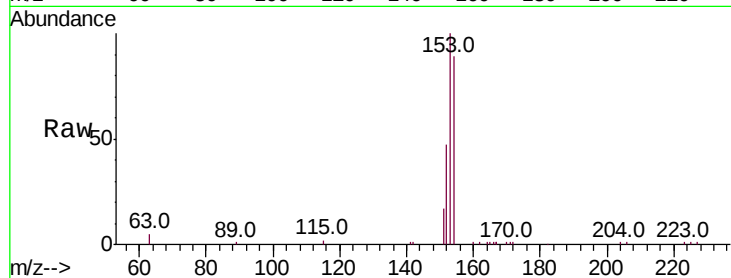
153 117.2 94.7 142.1

152 56.2 46.4 69.6

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#18

Fluorene

Concen: 0.408 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

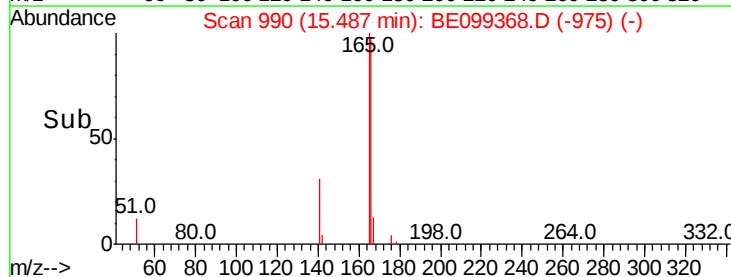
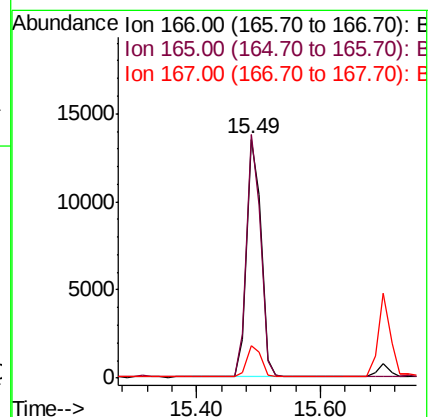
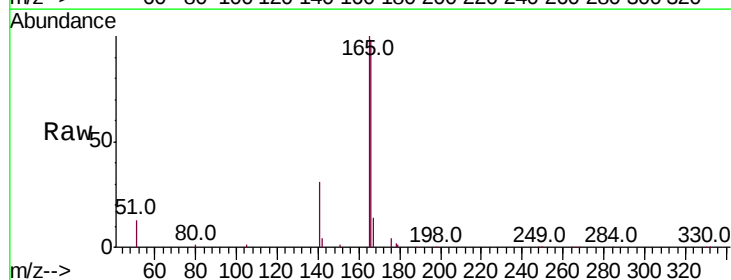
Tgt Ion:166 Resp: 21942

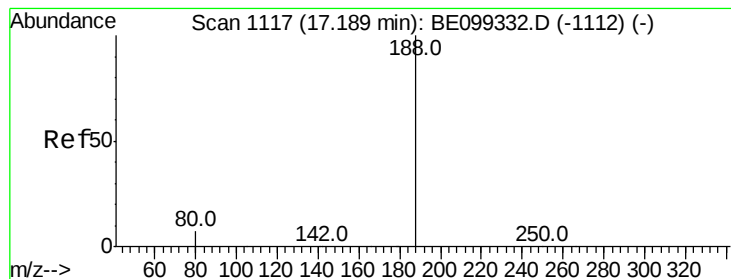
Ion Ratio Lower Upper

166 100

165 100.0 79.7 119.5

167 13.5 11.0 16.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

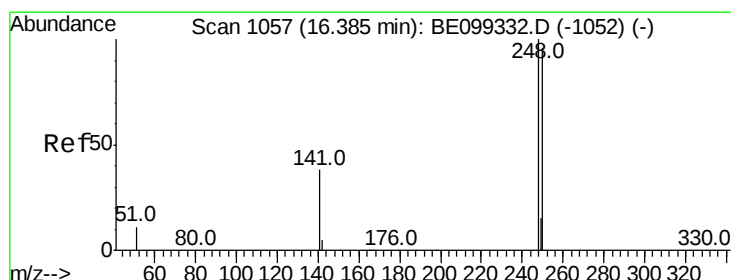
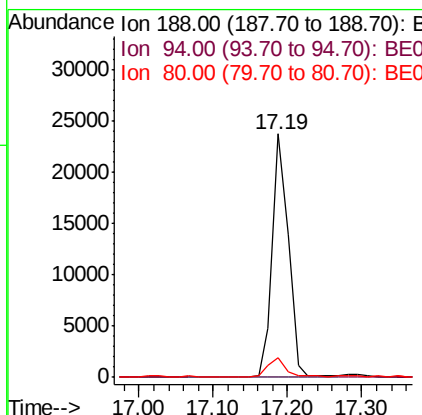
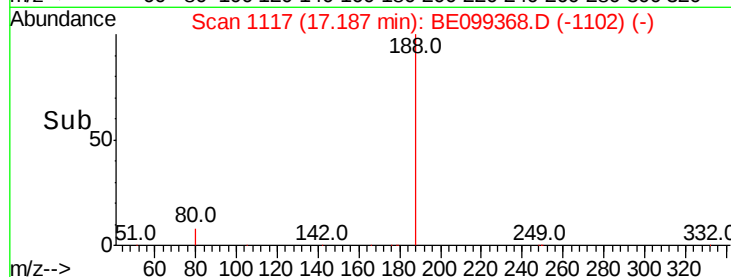
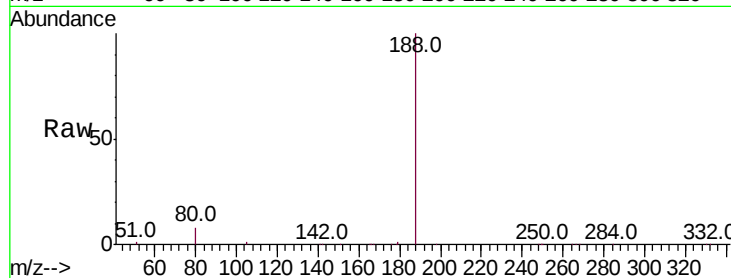
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	188	Resp:	35252
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.1	6.2	9.4

Manual Integrations
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#20

4-Bromophenyl-phenylether

Concen: 0.444 ng

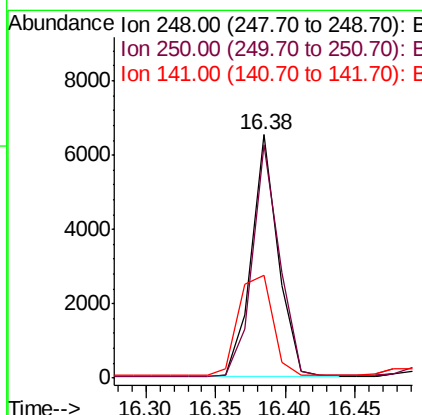
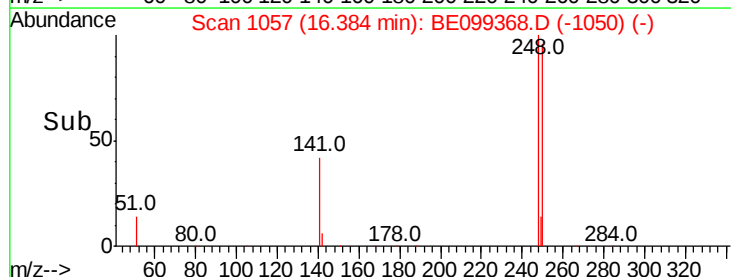
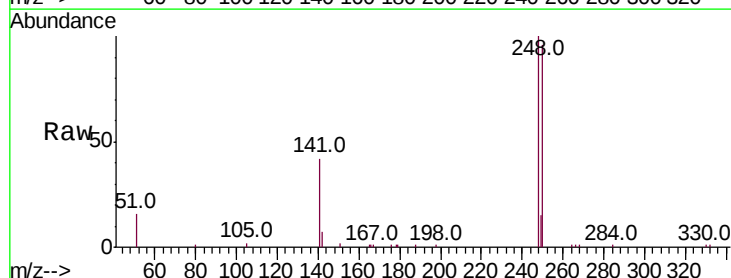
RT: 16.38 min Scan# 1057

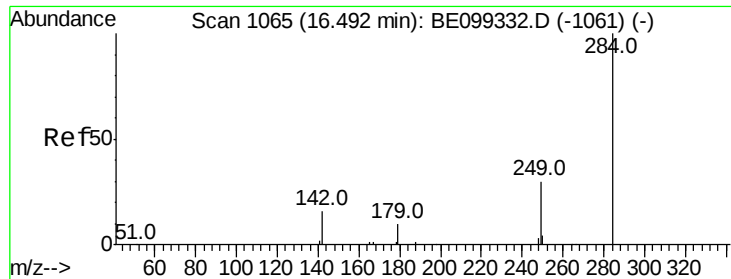
Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Tgt Ion:	248	Resp:	8673
Ion Ratio	Lower	Upper	
248	100		
250	96.1	77.0	115.6
141	42.5	31.1	46.7





#21

Hexachlorobenzene

Concen: 0.436 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

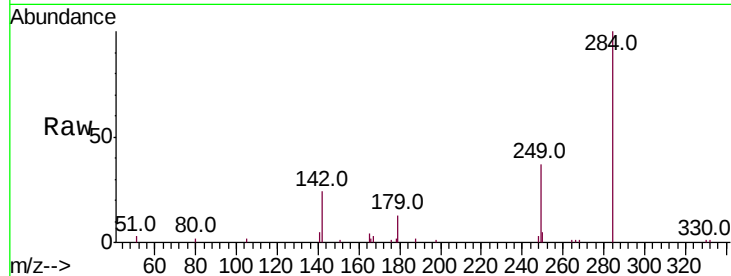
ClientSampleId :

SSTDCCC0.4EC

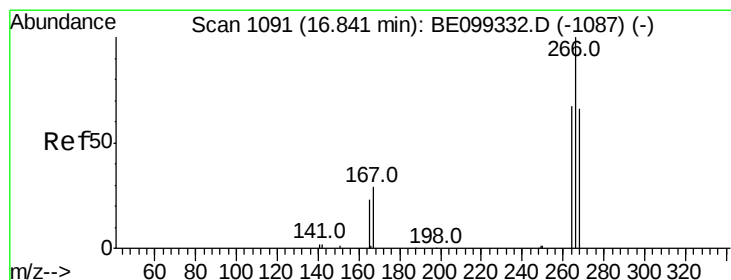
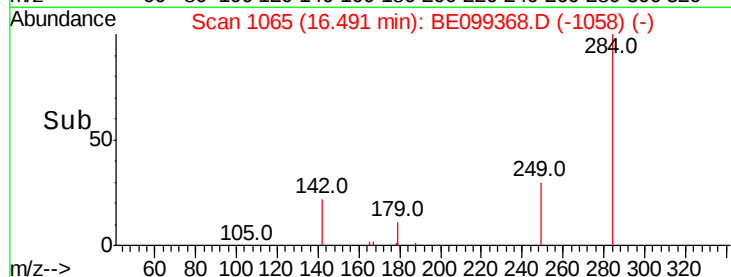
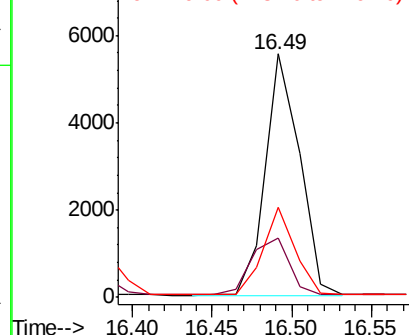
Tot Ion:	284	Resp:	8178
Ion Ratio	Lower	Upper	
284	100		
142	25.8	21.8	32.6
249	34.2	26.2	39.4

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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: 0.726 ng

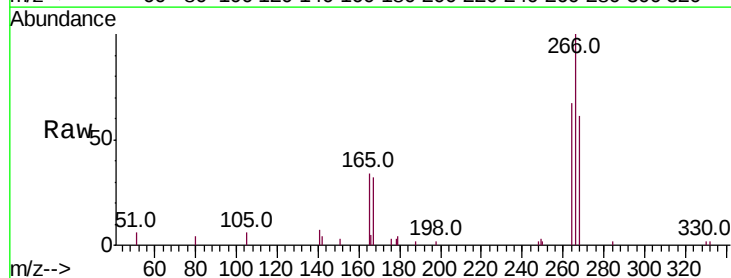
RT: 16.84 min Scan# 1091

Delta R.T. -0.00 min

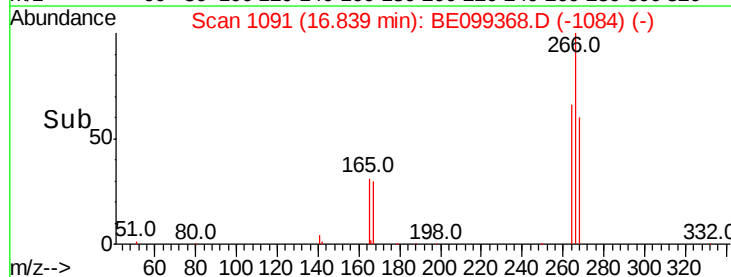
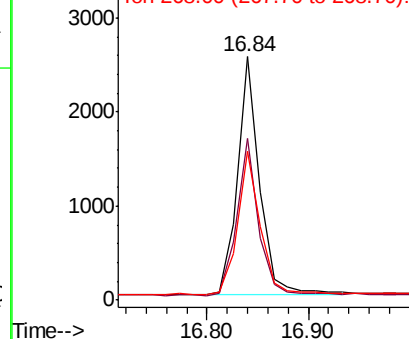
Lab File: BE099368.D

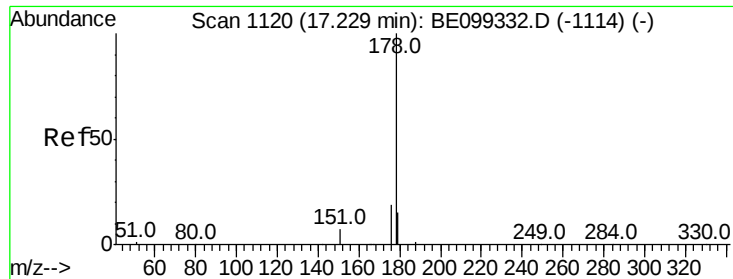
Acq: 25 Apr 2019 19:13

Tgt Ion:	266	Resp:	3836
Ion Ratio	Lower	Upper	
266	100		
264	66.7	54.5	81.7
268	61.1	54.3	81.5



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: 0.425 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

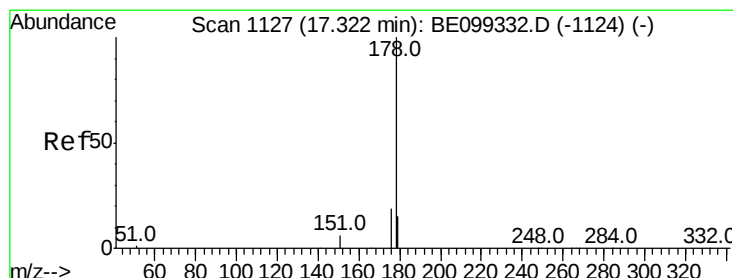
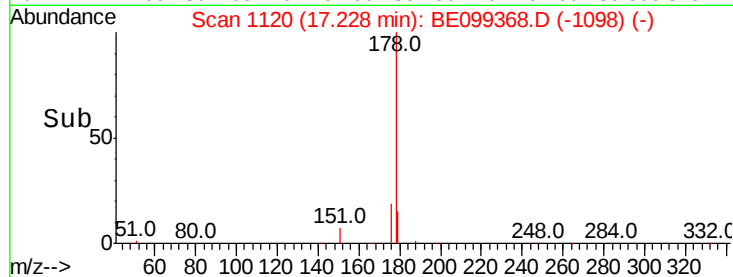
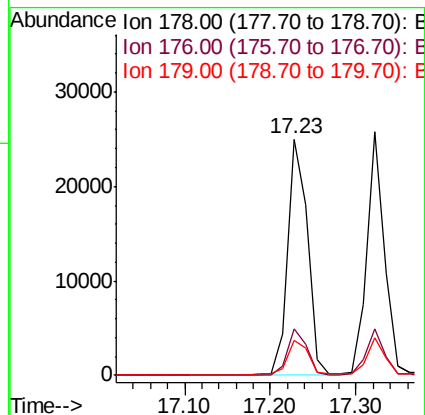
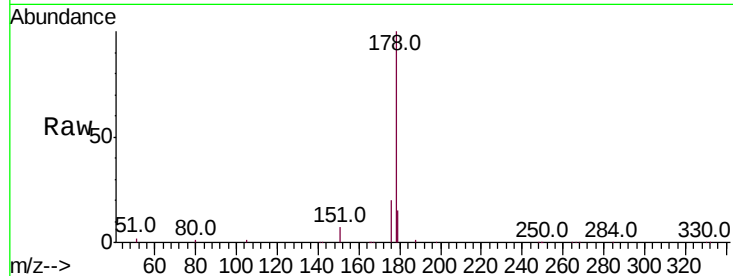
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	178	Resp:	39642
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.3	22.9
179	15.3	12.4	18.6

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#24

Anthracene

Concen: 0.435 ng

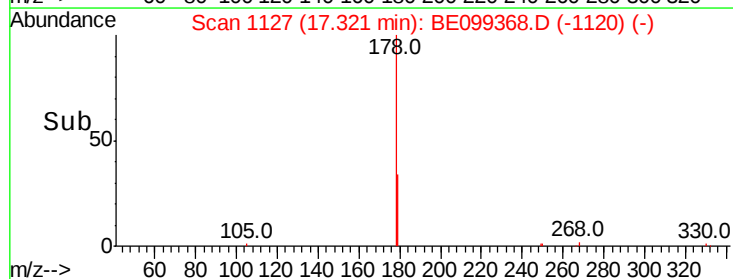
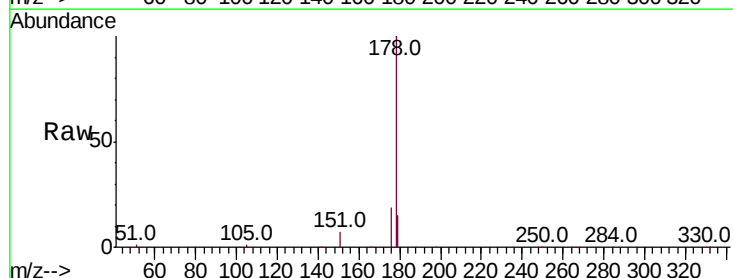
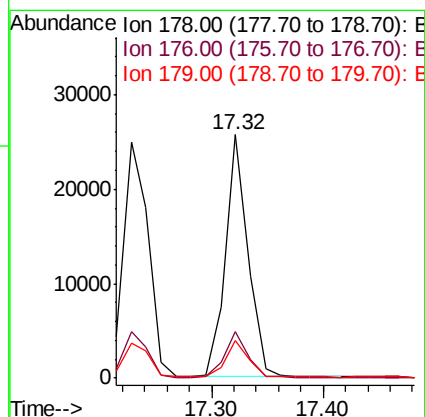
RT: 17.32 min Scan# 1127

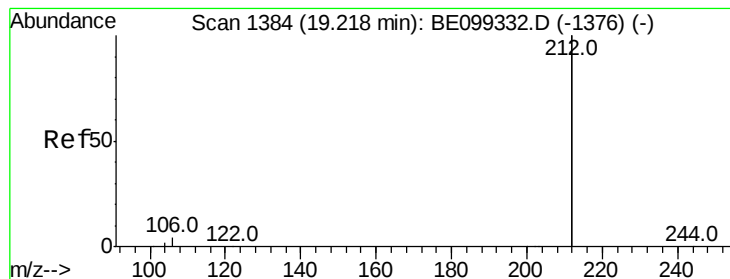
Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Tgt Ion:	178	Resp:	36117
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.1	22.7
179	15.4	11.9	17.9





#25

Fluoranthene-d10

Concen: 0.421 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

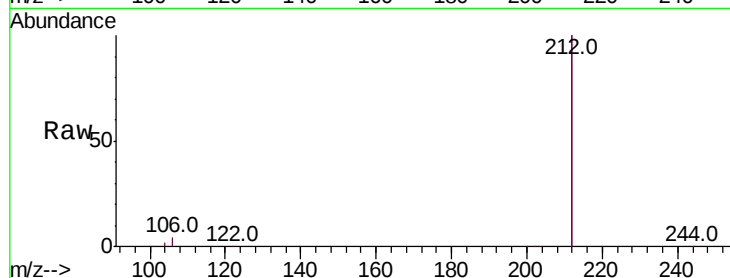
ClientSampleId :

SSTDCCC0.4EC

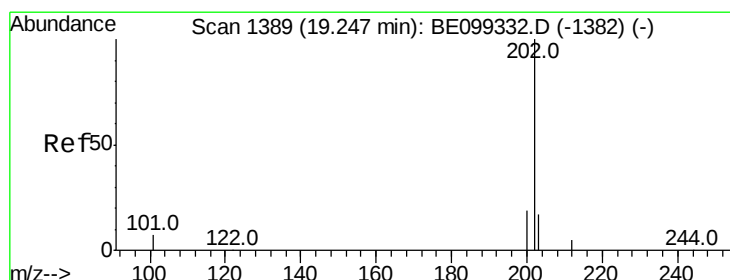
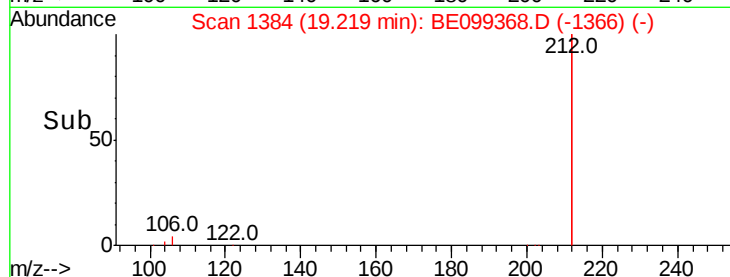
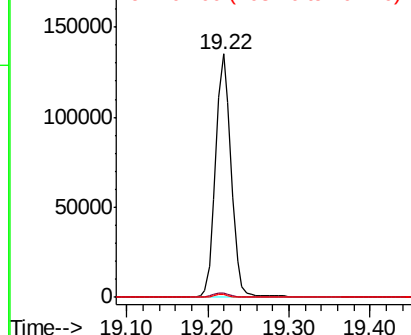
Tot Ion:	212	Resp:	178155
Ion Ratio	Lower	Upper	
212	100		
106	1.9	1.8	2.6
104	1.1	1.0	1.4

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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: 0.407 ng

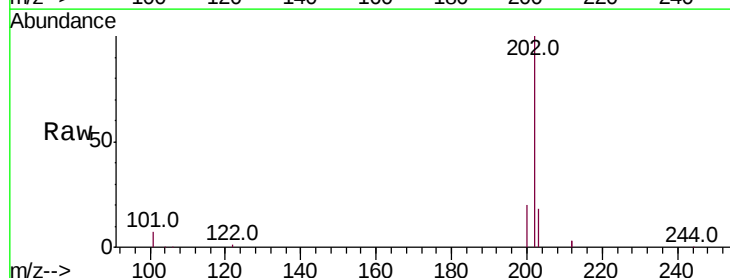
RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

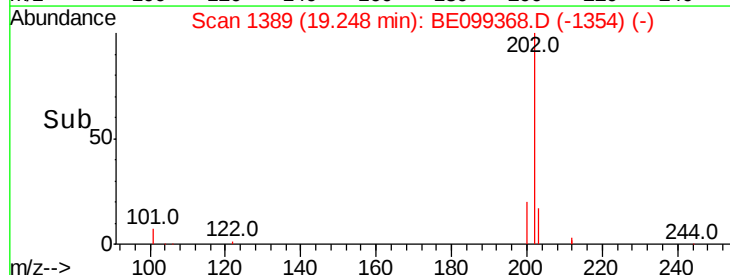
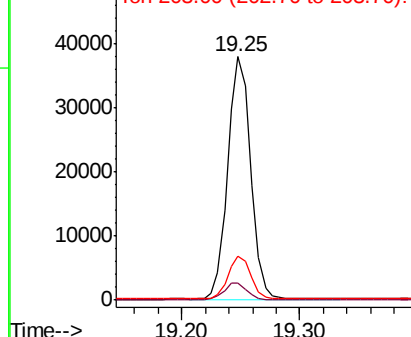
Lab File: BE099368.D

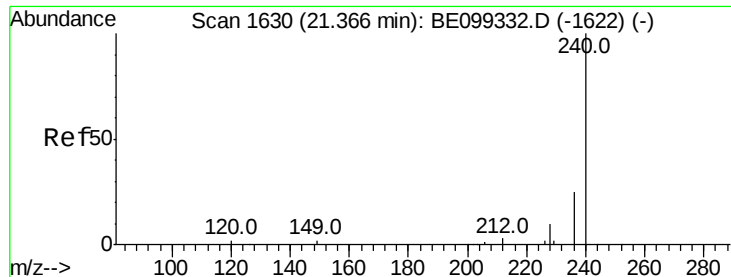
Acq: 25 Apr 2019 19:13

Tgt Ion:	202	Resp:	50822
Ion Ratio	Lower	Upper	
202	100		
101	7.0	6.4	9.6
203	17.3	13.5	20.3



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





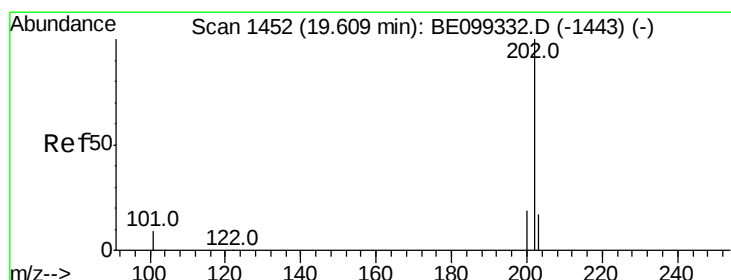
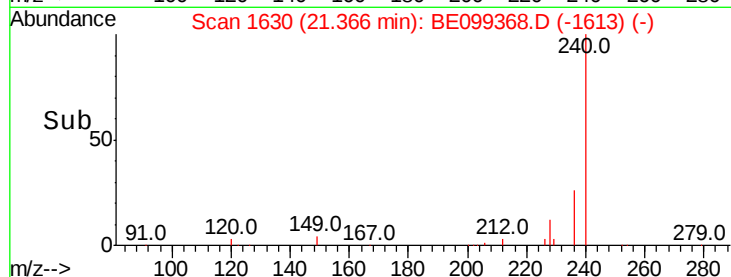
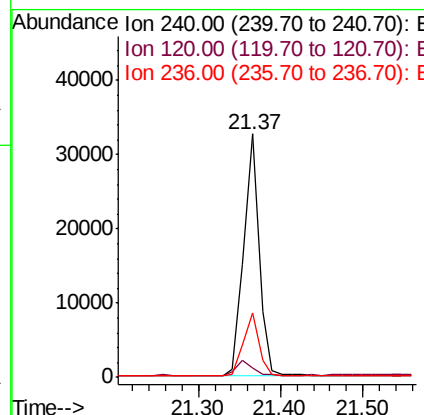
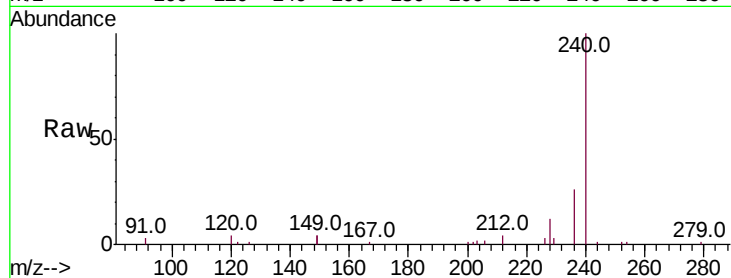
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099368.D
Acq: 25 Apr 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:240 Resp: 42922
Ion Ratio Lower Upper
240 100
120 4.0 2.2 3.2#
236 26.5 20.2 30.4

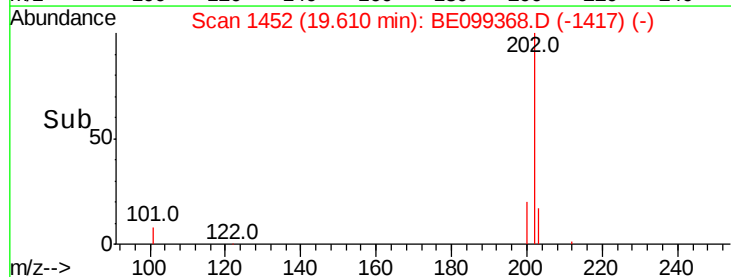
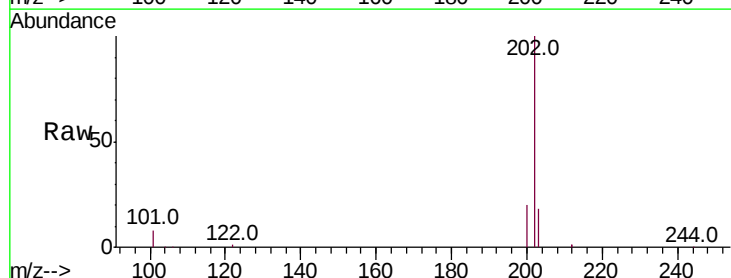
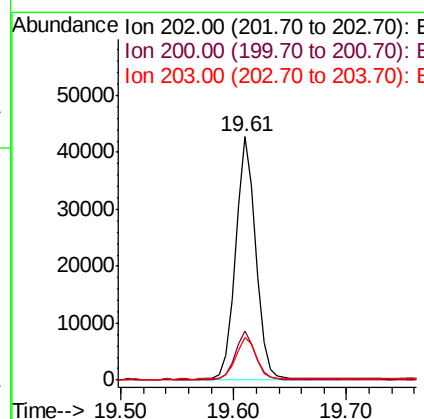
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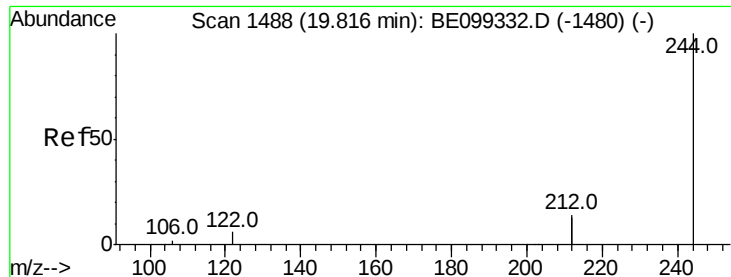
Sohil
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#28
Pyrene
Concen: 0.421 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE099368.D
Acq: 25 Apr 2019 19:13

Tgt Ion:202 Resp: 53281
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 17.8 13.7 20.5





#29

Terphenyl-d14

Concen: 0.420 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

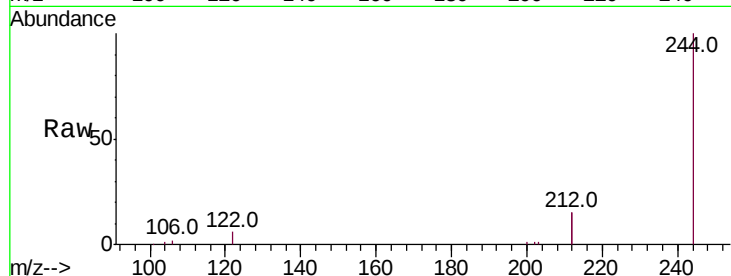
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
244	100		
212	29.5	22.6	33.8
122	5.7	4.6	7.0

Manual Integrations
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Sohil
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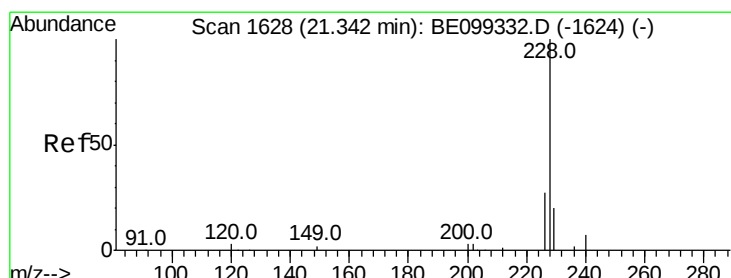
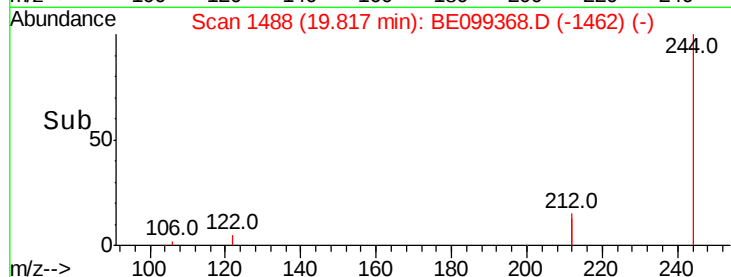
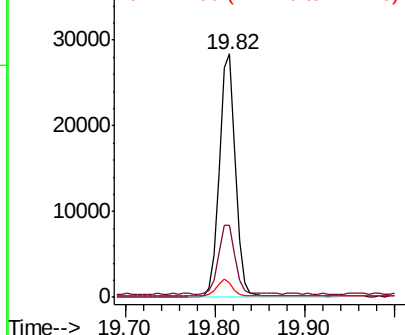


Abundance

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: 0.452 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

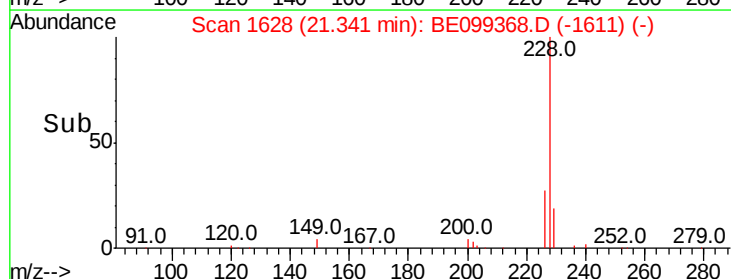
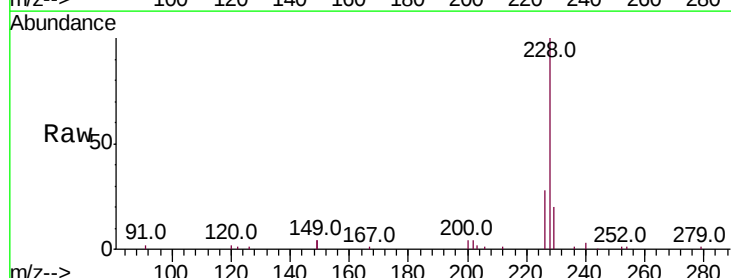
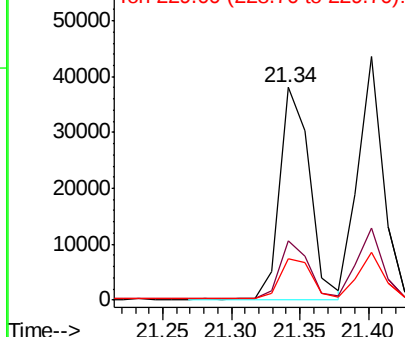
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.0	33.0
229	19.6	15.8	23.8

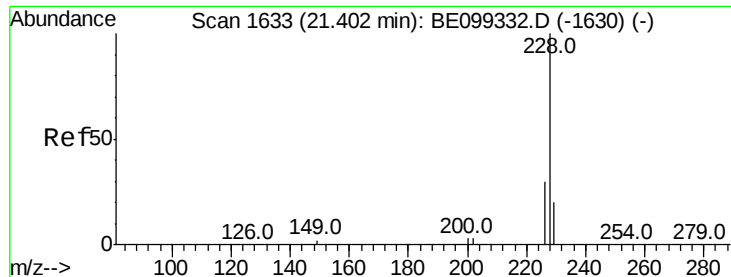
Abundance

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





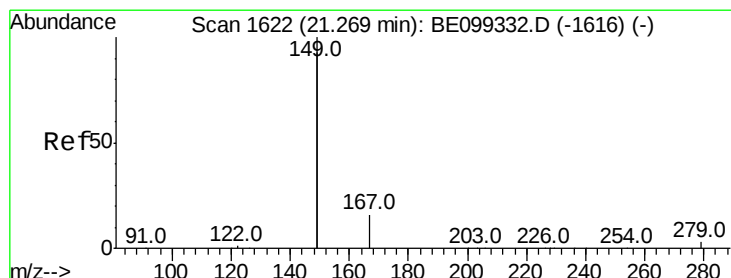
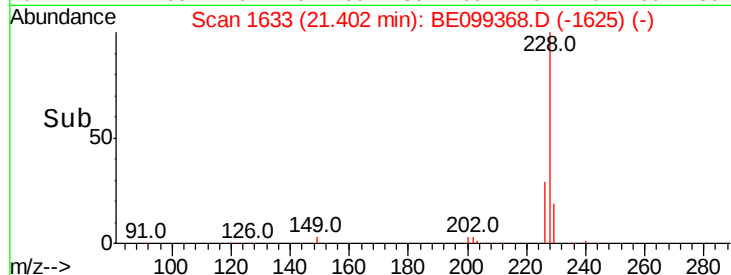
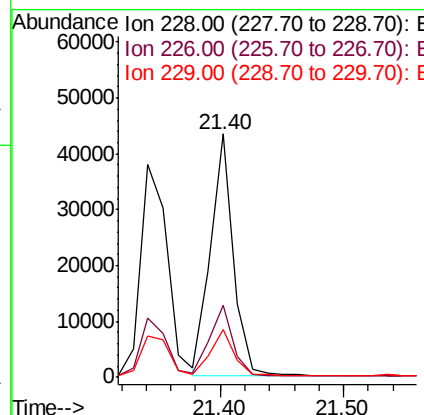
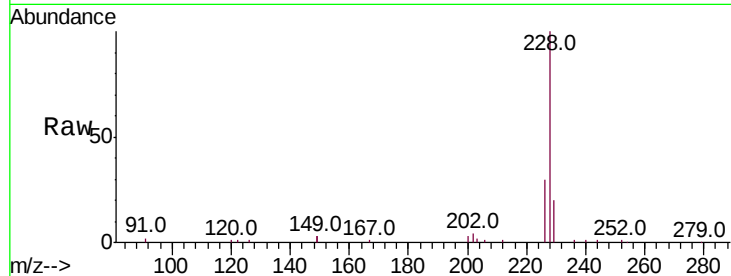
#31
Chrysene
Concen: 0.412 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099368.D
Acq: 25 Apr 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	19.6	16.2	24.2

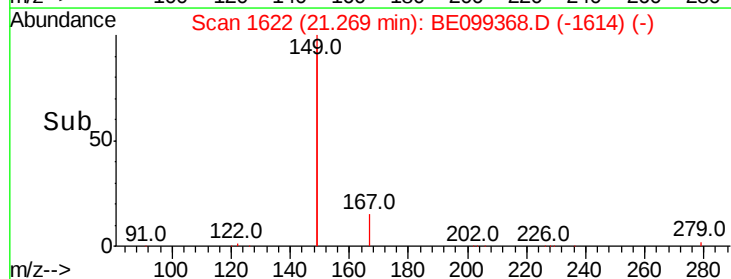
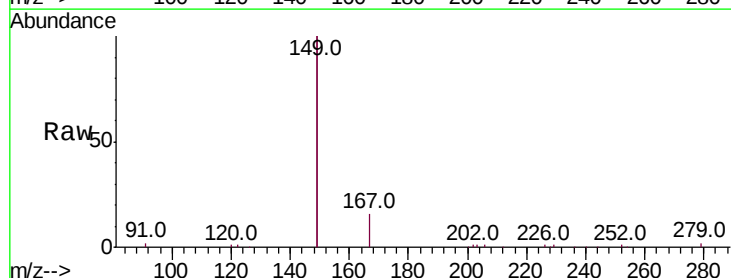
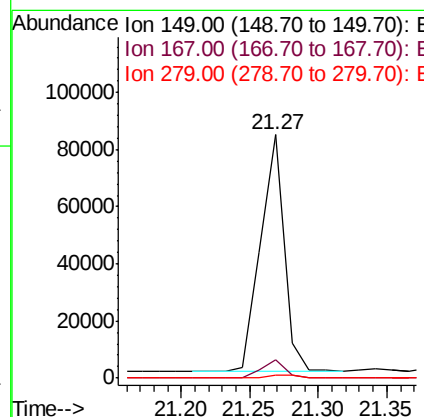
Manual Integrations
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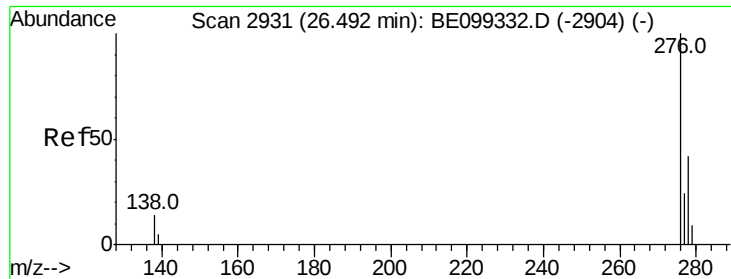
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.863 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE099368.D
Acq: 25 Apr 2019 19:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.3	6.0	9.0
279	1.4	1.1	1.7





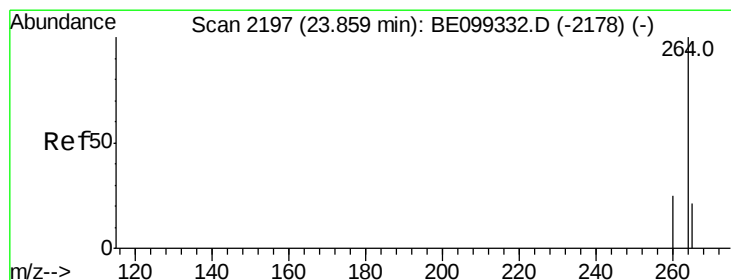
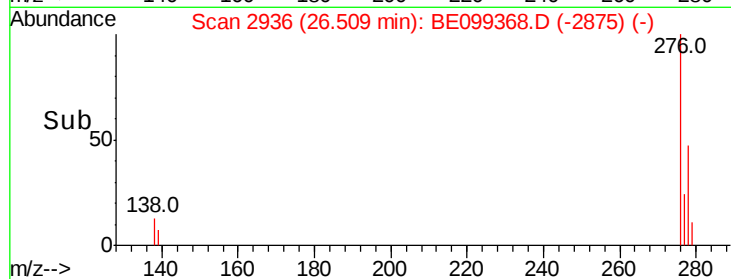
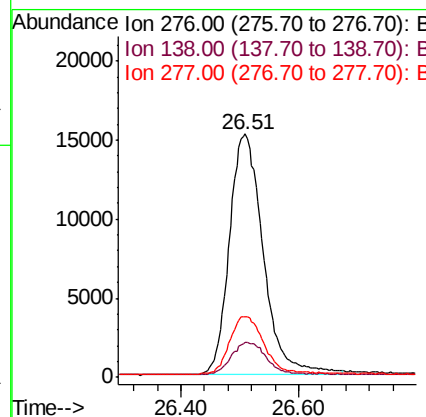
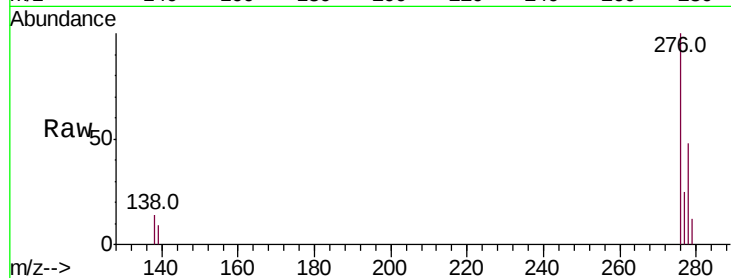
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.460 ng
RT: 26.51 min Scan# 2936
Delta R.T. 0.02 min
Lab File: BE099368.D
Acq: 25 Apr 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.7	12.7	19.1
277	23.9	19.6	29.4

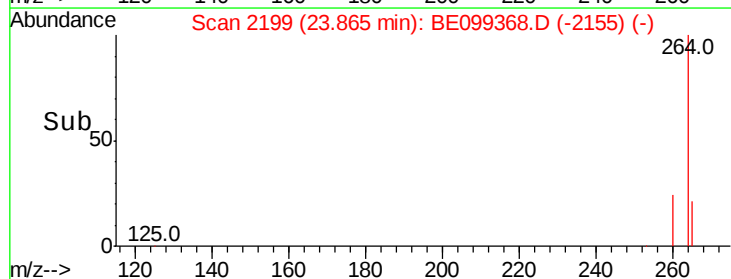
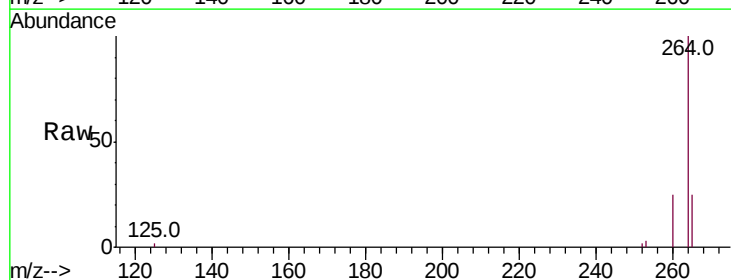
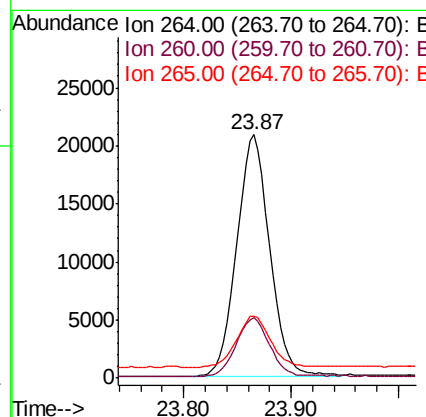
Manual Integrations
APPROVED

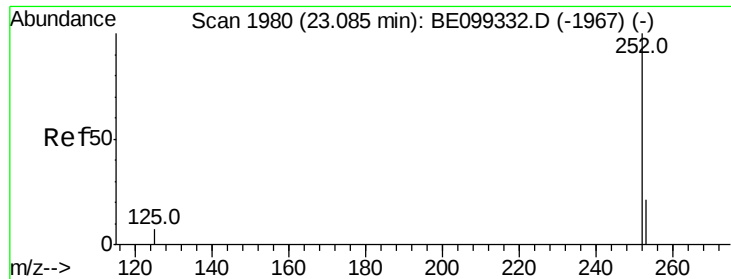
Sohil
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BE099368.D
Acq: 25 Apr 2019 19:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	25.3	19.9	29.9





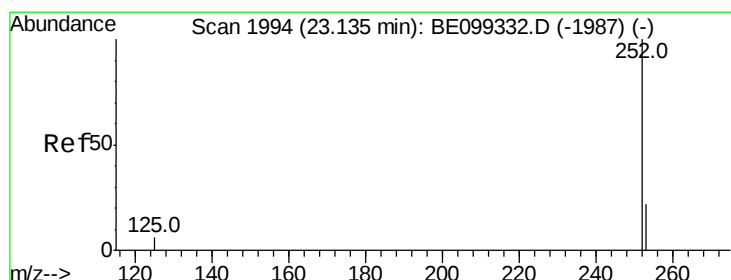
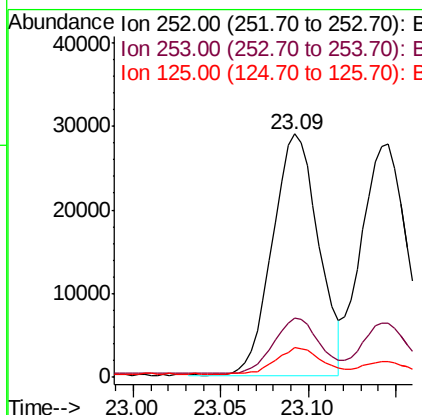
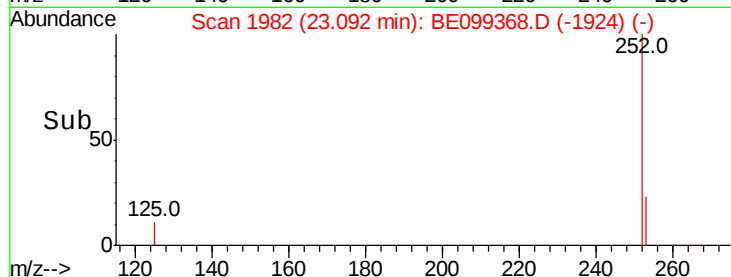
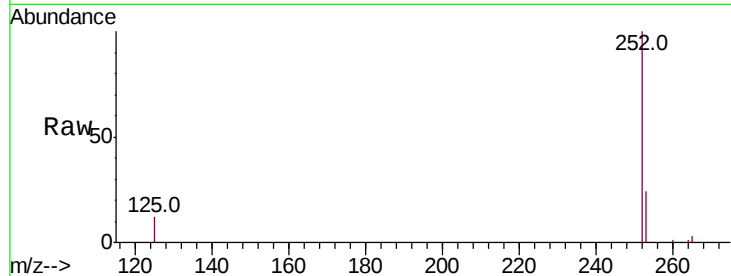
#35
Benzo(b)fluoranthene
Concen: 0.393 ng m
RT: 23.09 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BE099368.D
Acq: 25 Apr 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.3	25.9
125	12.2	5.8	8.6

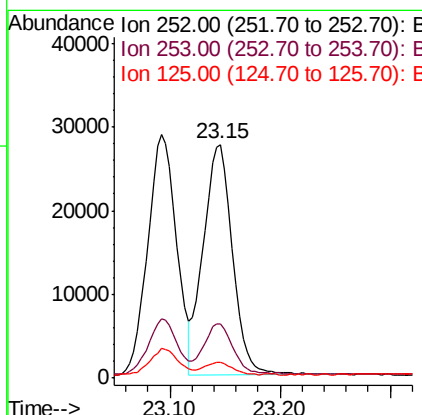
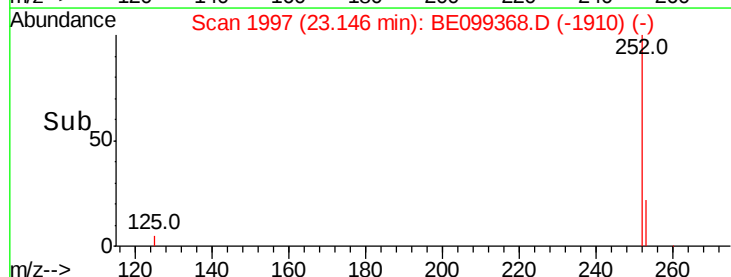
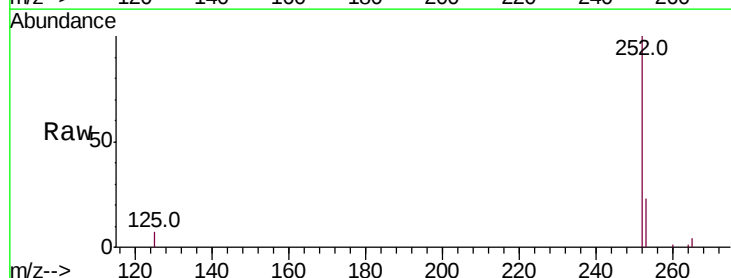
Manual Integrations
APPROVED

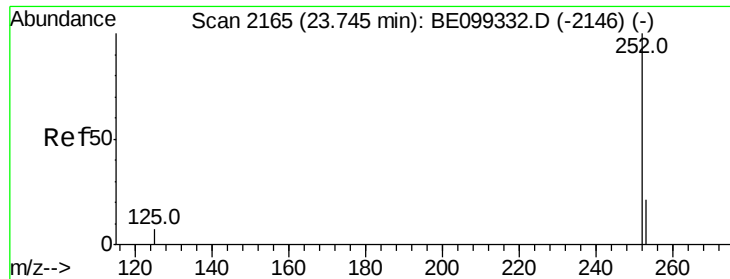
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#36
Benzo(k)fluoranthene
Concen: 0.379 ng
RT: 23.15 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BE099368.D
Acq: 25 Apr 2019 19:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	6.9	5.4	8.0





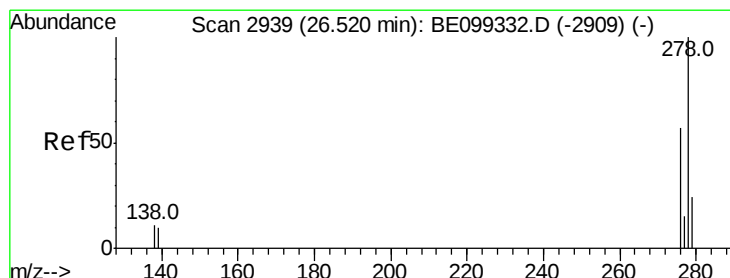
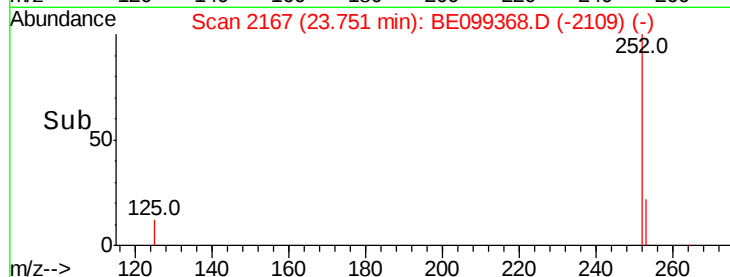
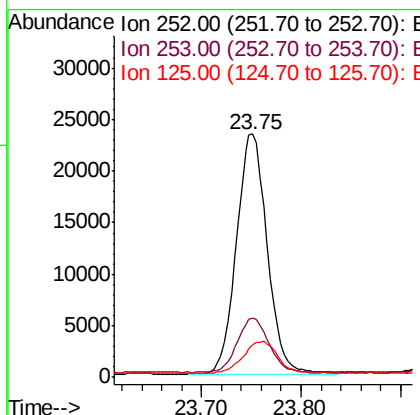
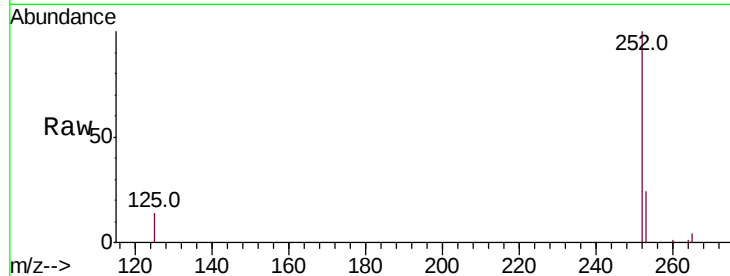
#37
Benzo(a)pyrene
Concen: 0.413 ng
RT: 23.75 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BE099368.D
Acq: 25 Apr 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	13.5	6.5	9.7

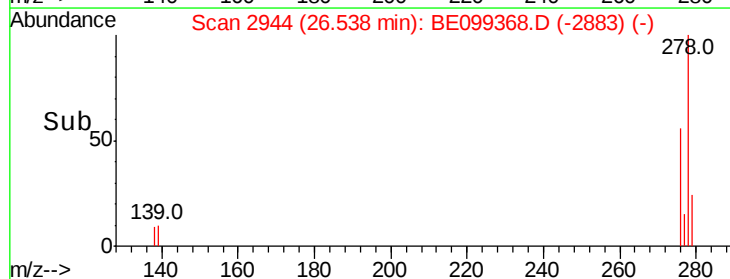
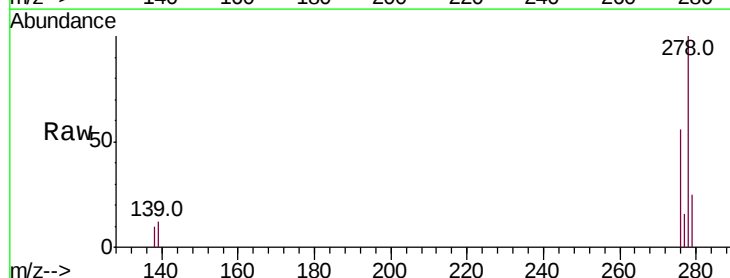
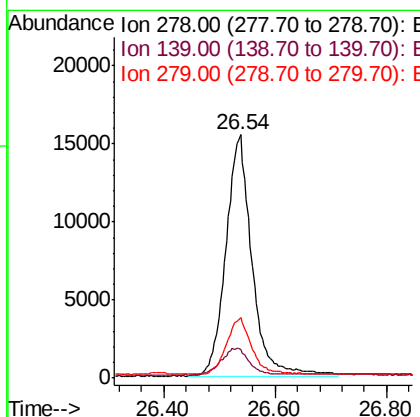
Manual Integrations
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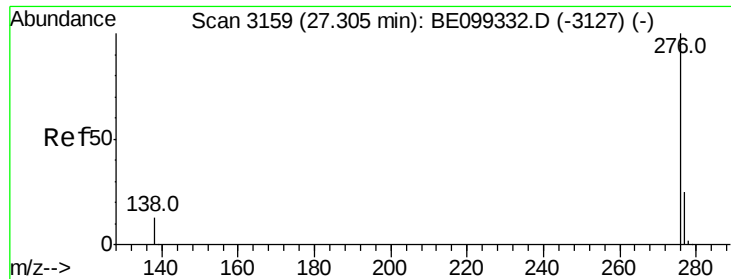
Sohil
4/29/2019 2:29:50 AM



#38
Dibenzo(a,h)anthracene
Concen: 0.405 ng
RT: 26.54 min Scan# 2944
Delta R.T. 0.02 min
Lab File: BE099368.D
Acq: 25 Apr 2019 19:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.5	8.5	12.7
279	24.8	19.8	29.8





#39

Benzo(a,h,i)perylene

Concen: 0.391 ng

RT: 27.32 min Scan# 3164

Delta R.T. 0.02 min

Lab File: BE099368.D

Acq: 25 Apr 2019 19:13

Instrument :

BNA_E

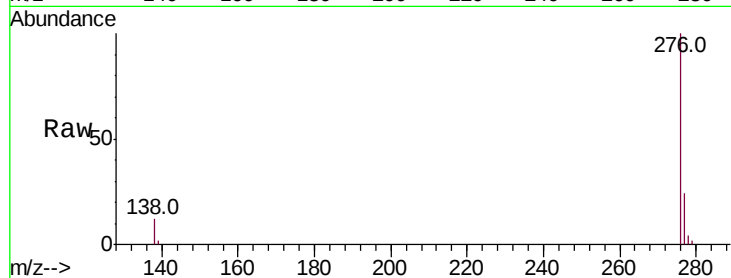
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	276	Resp:	49022
Ion Ratio	Lower	Upper	
276	100		
277	24.2	20.0	30.0
138	11.8	11.1	16.7

Manual Integrations
APPROVED

Sohil
4/29/2019 2:29:50 AM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

