

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
 Data File : BE098416.D
 Acq On : 14 Dec 2018 2:58
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations
 APPROVED

Sohil
 12/14/2018 11:28:03 AM

Quant Time: Dec 14 10:06:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1102	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	4991	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	3149	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	8637	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	11119	0.40	ng	0.00
34) Perylene-d12	24.00	264	10315	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	999	0.39	ng	0.00
5) Phenol-d6	7.05	99	1486	0.41	ng	0.00
8) Nitrobenzene-d5	9.03	82	1584	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3018	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	427	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	4837	0.36	ng	0.00
25) Fluoranthene-d10	19.30	212	46451	0.42	ng	0.00
29) Terphenyl-d14	19.90	244	8808m	0.33	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	746	0.391	ng	93
3) n-Nitrosodimethylamine	3.71	42	386	0.225	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1271	0.366	ng	# 71
9) Naphthalene	10.71	128	19272	0.384	ng	99
10) Hexachlorobutadiene	10.99	225	1296	0.405	ng	98
12) 2-Methylnaphthalene	12.34	142	2975	0.365	ng	95
16) Acenaphthylene	14.24	152	5689	0.386	ng	100
17) Acenaphthene	14.59	154	3349	0.378	ng	97
18) Fluorene	15.57	166	4525	0.382	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	1619	0.348	ng	# 85
21) Hexachlorobenzene	16.58	284	1903	0.381	ng	96
22) Pentachlorophenol	16.95	266	158	0.215	ng	# 87
23) Phenanthrene	17.32	178	8001	0.381	ng	98
24) Anthracene	17.41	178	6434	0.344	ng	98
26) Fluoranthene	19.33	202	11869	0.427	ng	98
28) Pyrene	19.69	202	11917	0.342	ng	98
30) Benzo(a)anthracene	21.44	228	11390	0.360	ng	98
31) Chrysene	21.50	228	12413	0.374	ng	99
32) Bis(2-ethylhexyl)phthalate	21.35	149	20579	0.320	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.69	276	12457	0.377	ng	# 88
35) Benzo(b)fluoranthene	23.22	252	11195m	0.397	ng	
36) Benzo(k)fluoranthene	23.27	252	13545	0.412	ng	98
37) Benzo(a)pyrene	23.89	252	11546	0.397	ng	97
38) Dibenzo(a,h)anthracene	26.71	278	10094	0.368	ng	98
39) Benzo(g,h,i)perylene	27.50	276	10584	0.383	ng	97

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

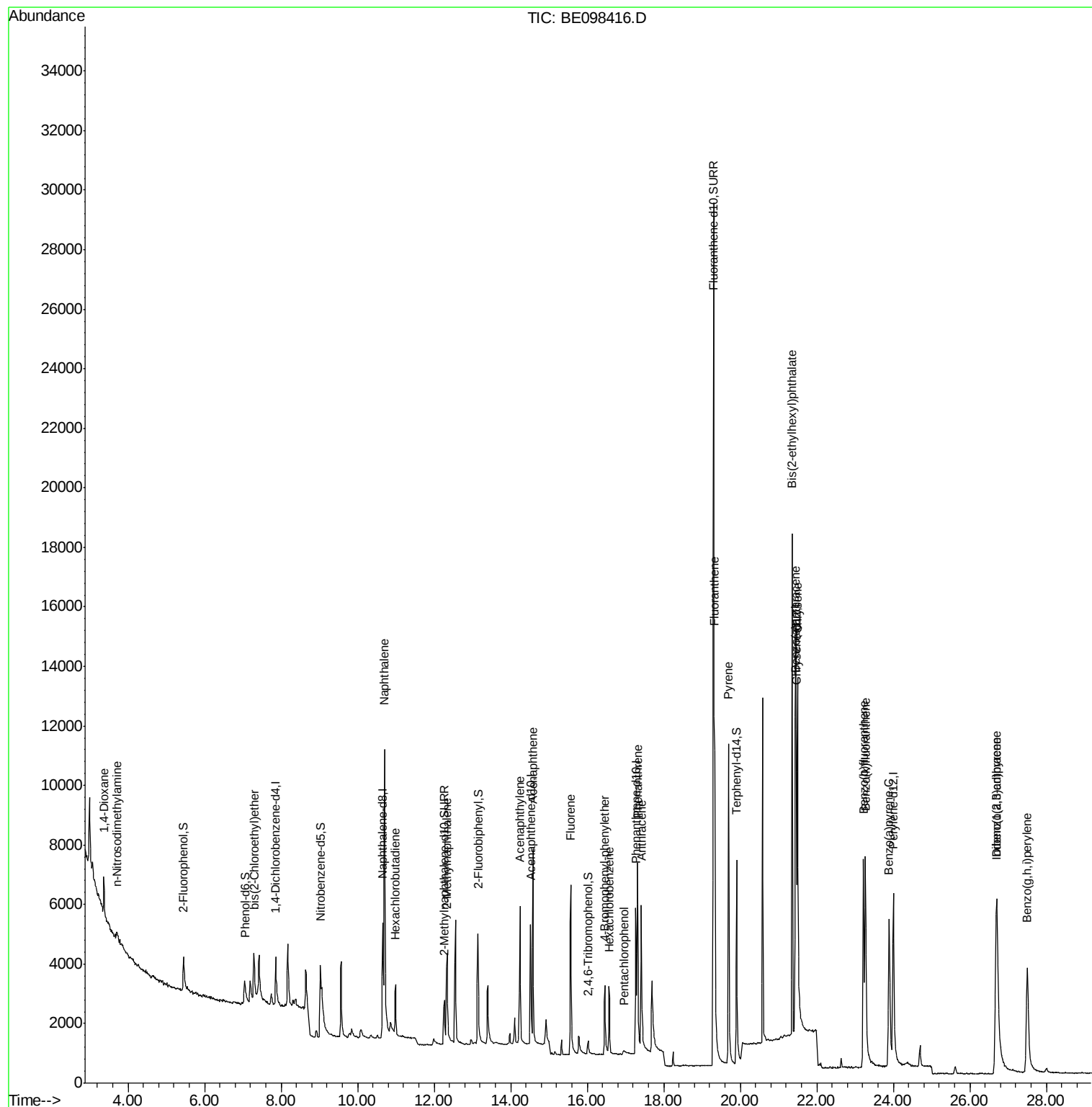
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
Data File : BE098416.D
Acq On : 14 Dec 2018 2:58
Operator : SJ/JU
Sample : SSTDCCC0.4
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations
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12/14/2018 11:28:03 AM

Quant Time: Dec 14 10:06:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

Instrument :

BNA_E

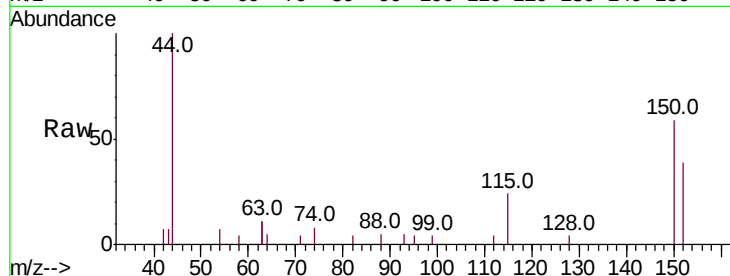
ClientSampleId :

SSTDCCC0.4

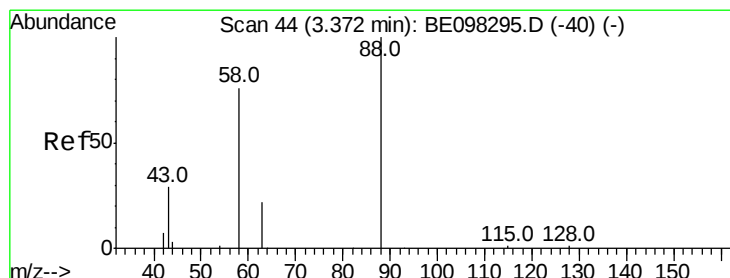
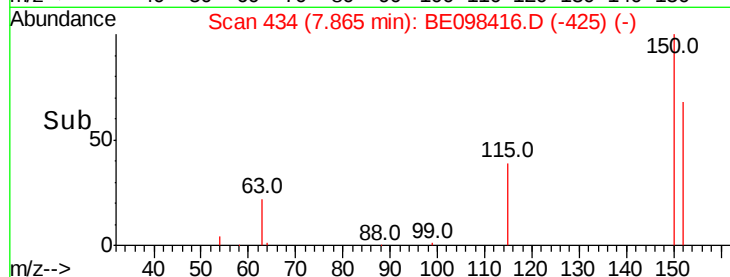
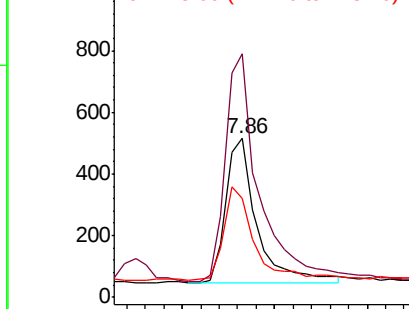
Tot Ion:	152	Resp:	1102
Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.2	186.4
115	62.3	53.9	80.9

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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: 0.391 ng

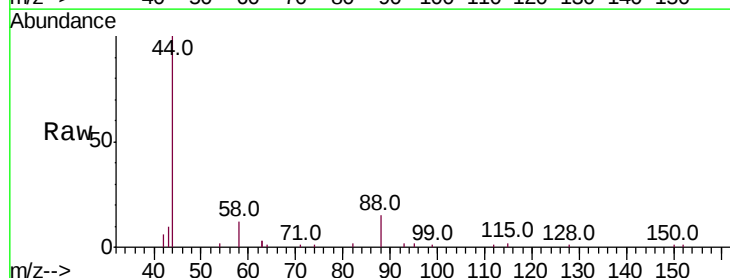
RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

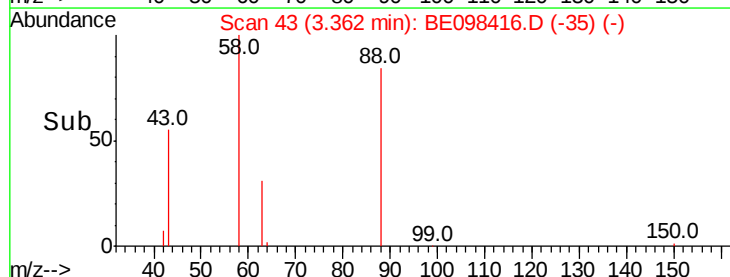
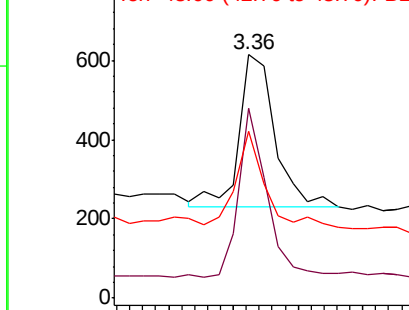
Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

Tgt Ion:	88	Resp:	746
Ion	Ratio	Lower	Upper
88	100		
58	85.4	75.0	112.6
43	49.9	38.3	57.5



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: 0.225 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

Instrument :

BNA_E

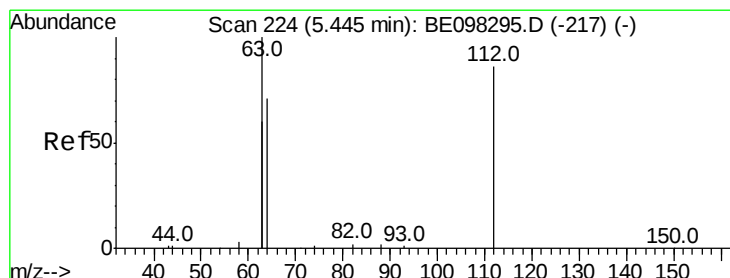
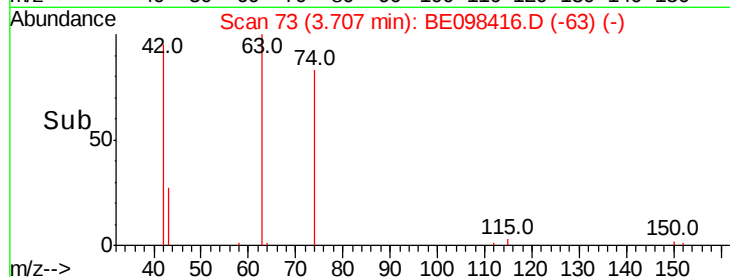
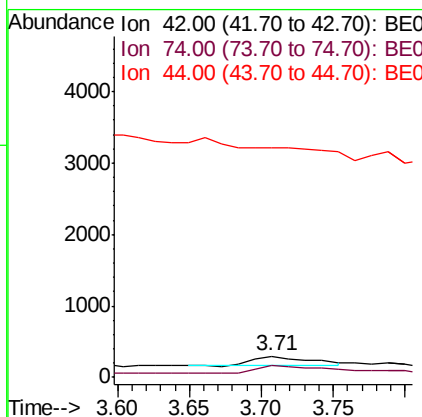
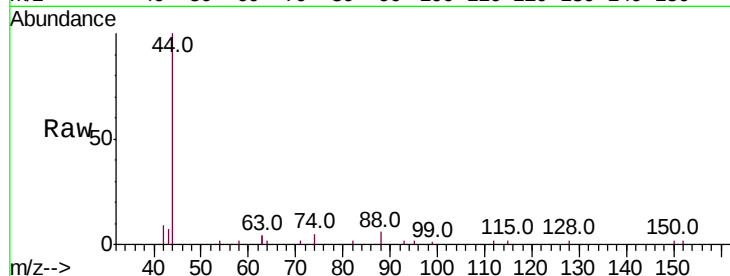
ClientSampleId :

SSTDCCC0.4

Tot Ion	42	Resp:	386
Ion Ratio	Lower	Upper	
42	100		
74	86.3	0.0	0.0#
44	0.0	0.0	0.0

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#4

2-Fluorophenol

Concen: 0.387 ng

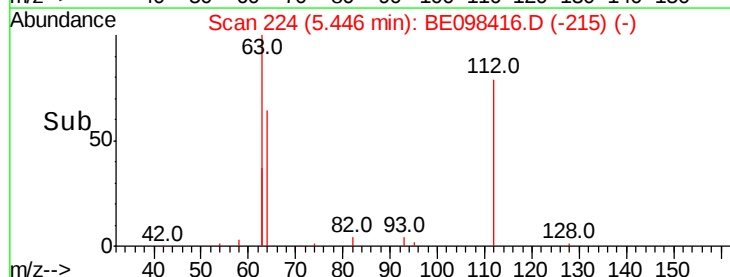
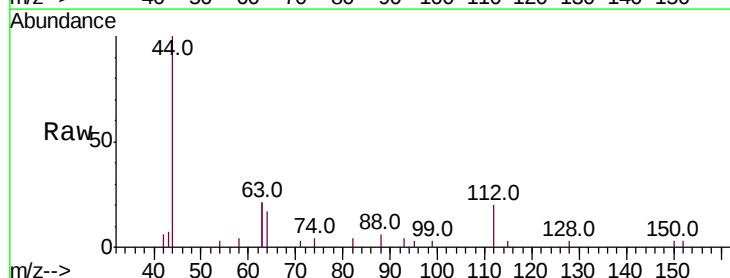
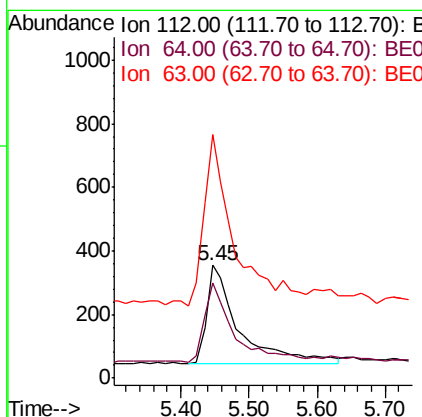
RT: 5.45 min Scan# 224

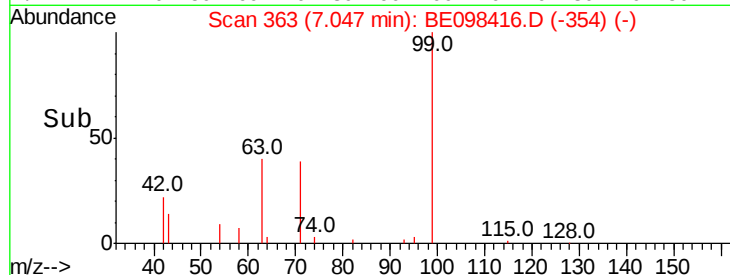
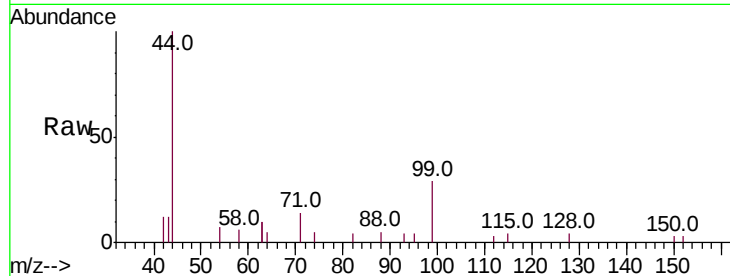
Delta R.T. 0.00 min

Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

Tgt Ion	112	Resp:	999
Ion Ratio	Lower	Upper	
112	100		
64	72.1	59.8	89.8
63	167.0	133.7	200.5





#5

Phenol-d6

Concen: 0.407 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

Tot Ion:	99	Resp:	1486
Ion	Ratio	Lower	Upper
99	100		
42	25.0	26.3	39.5#
71	35.3	33.6	50.4

Instrument :

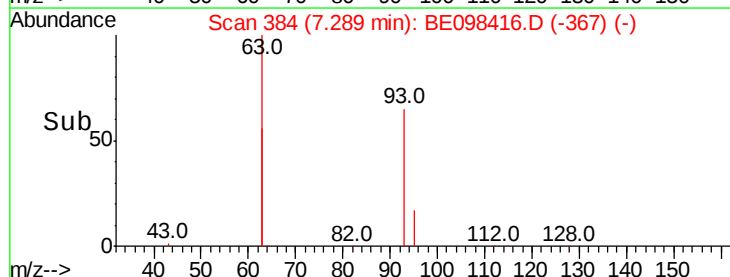
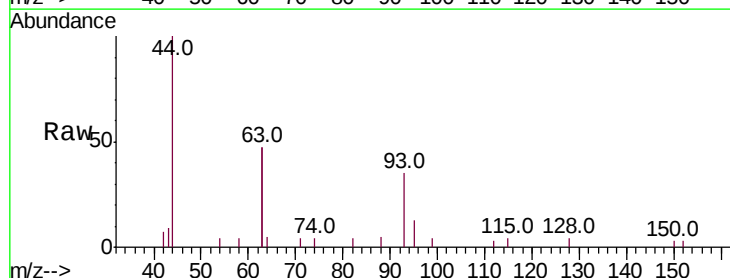
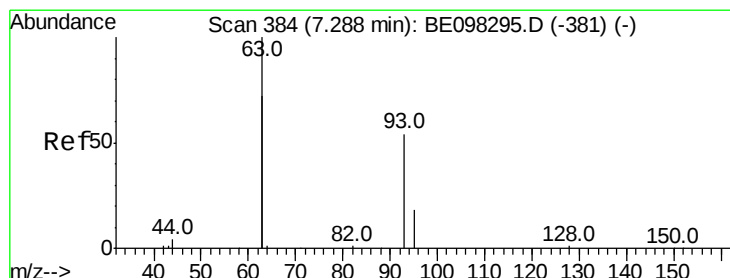
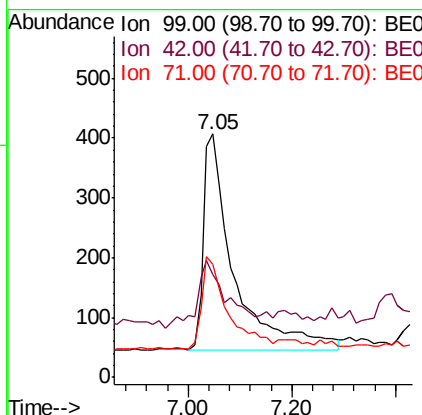
BNA_E

ClientSampleId :

SSTDCCC0.4

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.366 ng

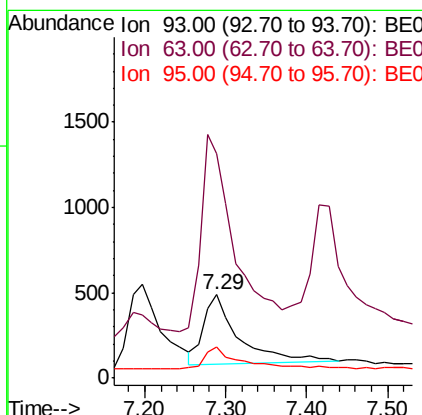
RT: 7.29 min Scan# 384

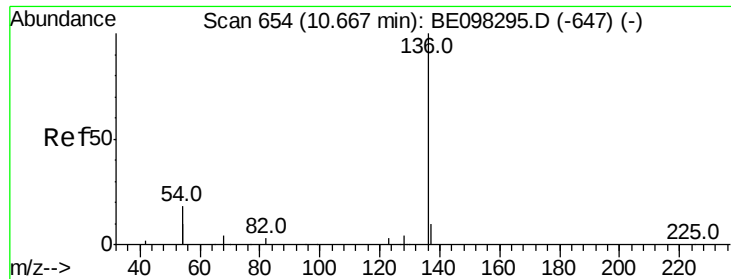
Delta R.T. 0.00 min

Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

Tgt Ion:	93	Resp:	1271
Ion	Ratio	Lower	Upper
93	100		
63	264.2	264.4	396.6#
95	32.1	26.6	40.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

Instrument :

BNA_E

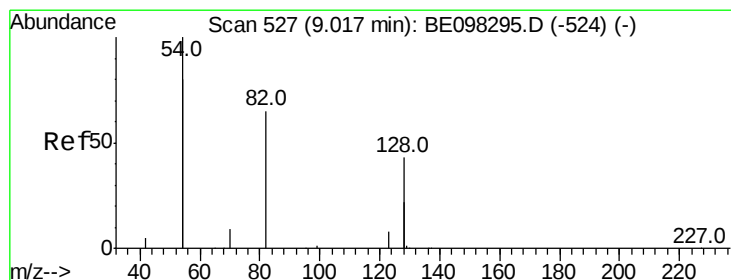
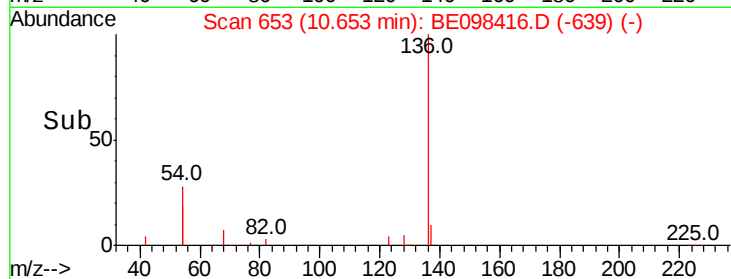
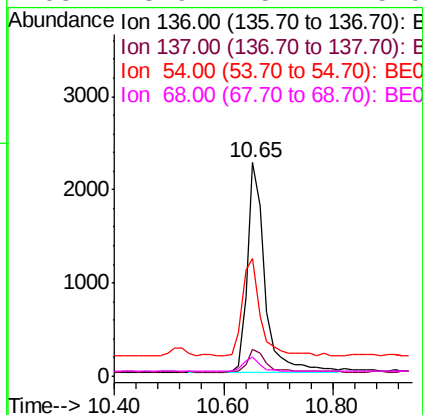
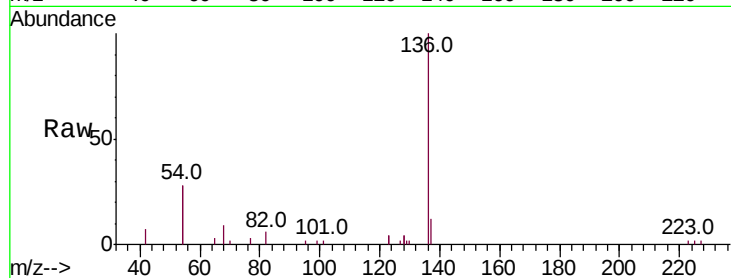
ClientSampleId :

SSTDCCC0.4

Tot Ion	Ratio	Resp	Lower	Upper
136	100	4991		
137	12.3		9.2	13.8
54	55.4		28.4	42.6#
68	8.9		5.4	8.0#

Manual Integrations
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#8

Nitrobenzene-d5

Concen: 0.349 ng

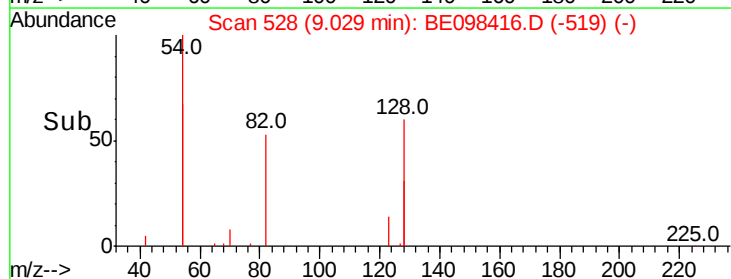
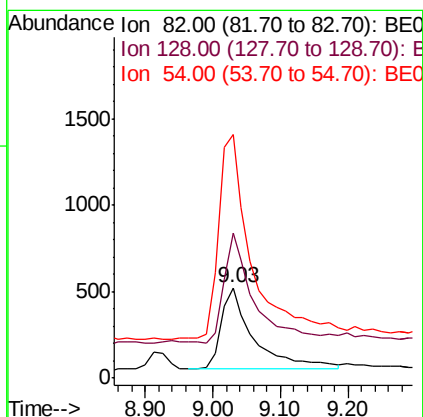
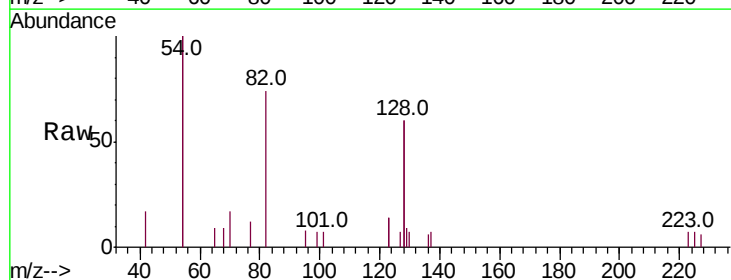
RT: 9.03 min Scan# 528

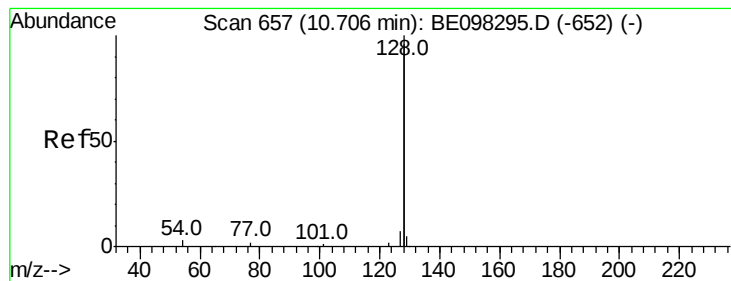
Delta R.T. 0.01 min

Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1584		
128	160.7		102.4	153.6#
54	268.7		221.8	332.8





#9

Naphthalene

Concen: 0.384 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

Instrument :

BNA_E

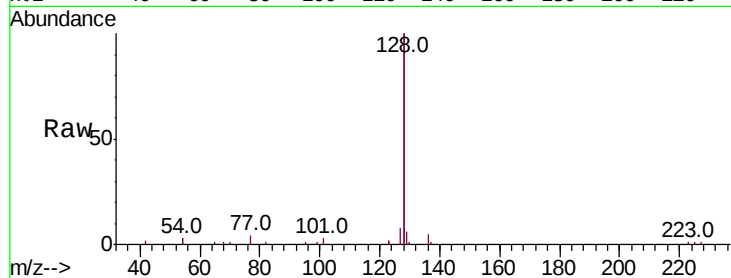
ClientSampleId :

SSTDCCC0.4

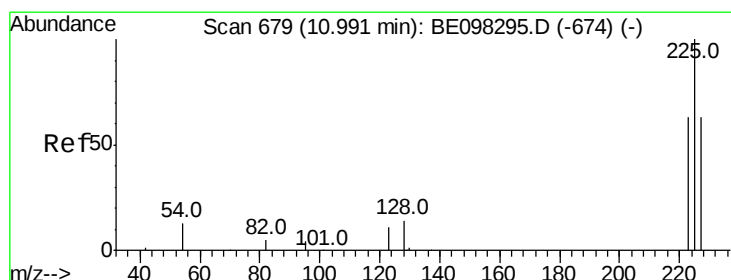
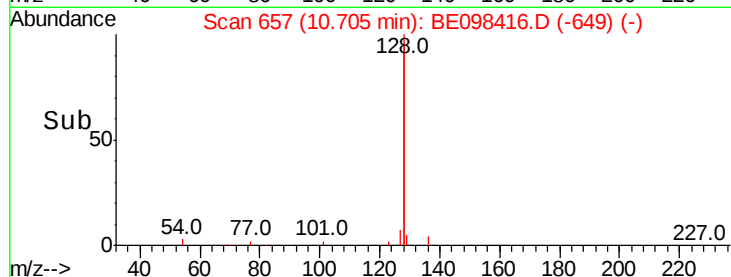
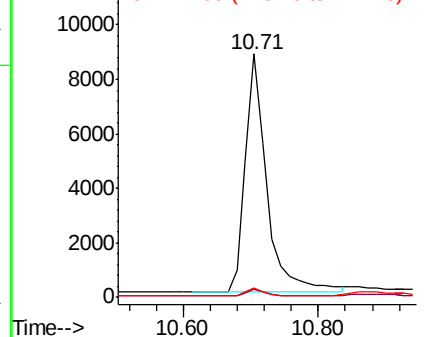
Tot Ion:	128	Resp:	19272
Ion Ratio	Lower	Upper	
128	100		
129	3.2	2.5	3.7
127	3.9	2.7	4.1

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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: 0.405 ng

RT: 10.99 min Scan# 679

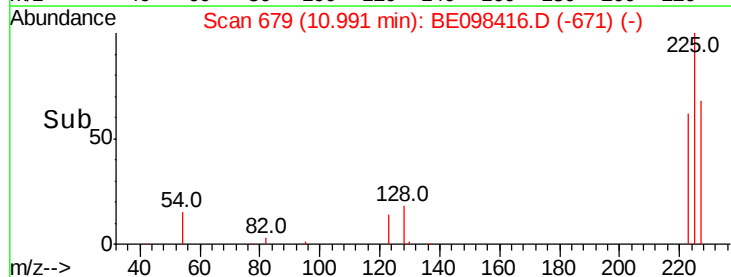
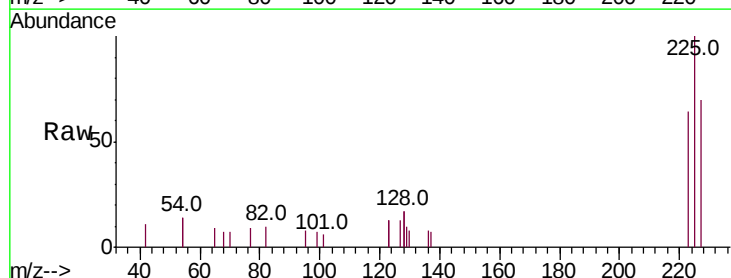
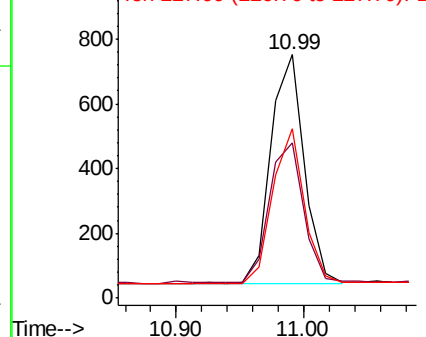
Delta R.T. -0.00 min

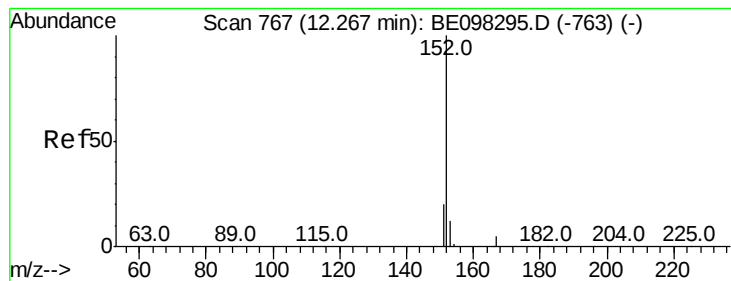
Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

Tgt Ion:	225	Resp:	1296
Ion Ratio	Lower	Upper	
225	100		
223	62.3	49.4	74.0
227	63.0	52.0	78.0

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





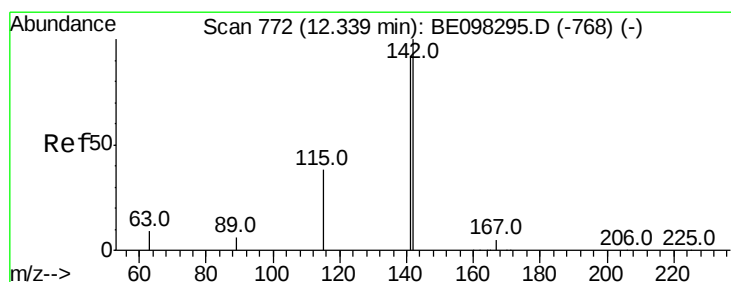
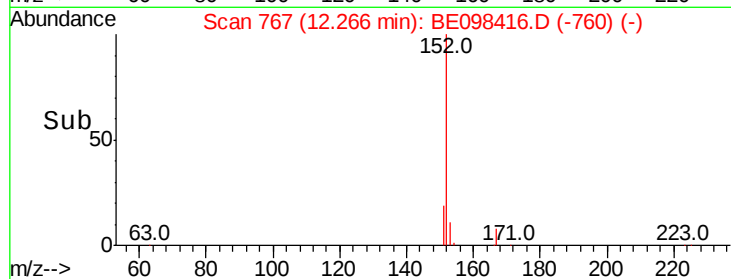
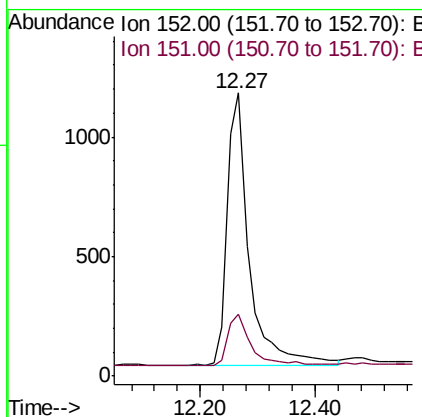
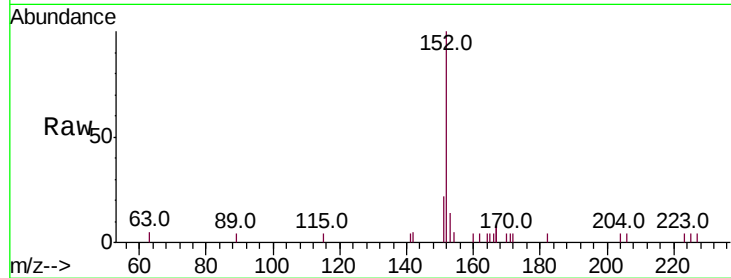
#11
 2-Methylnaphthalene-d10
 Concen: 0.372 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098416.D
 Acq: 14 Dec 2018 2:58

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4

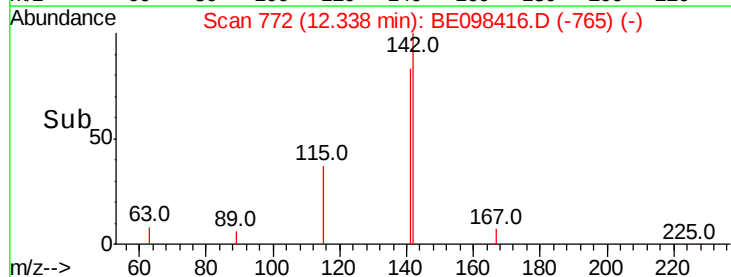
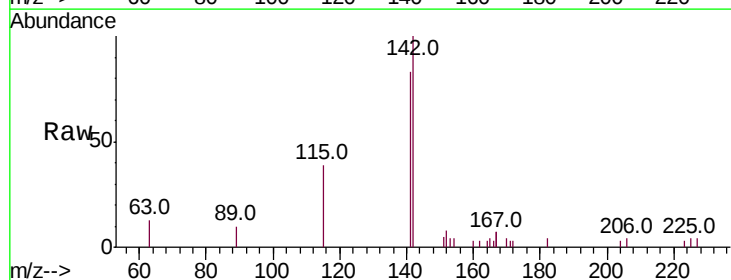
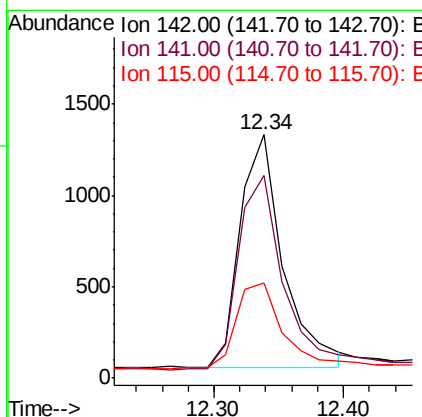
Manual Integrations
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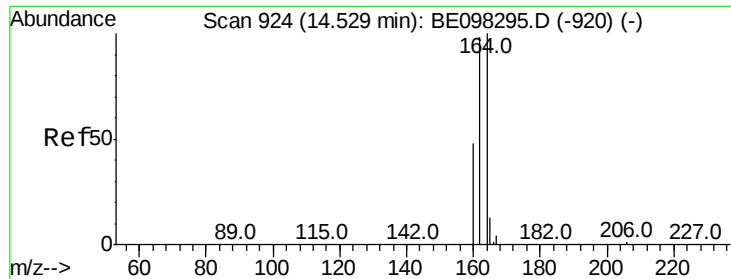
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#12
 2-Methylnaphthalene
 Concen: 0.365 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE098416.D
 Acq: 14 Dec 2018 2:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.1	71.0	106.6
115	39.2	32.2	48.2





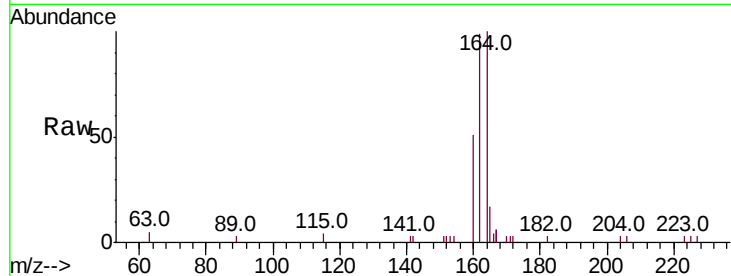
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098416.D
Acq: 14 Dec 2018 2:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.7	77.6	116.4
160	50.6	36.0	54.0

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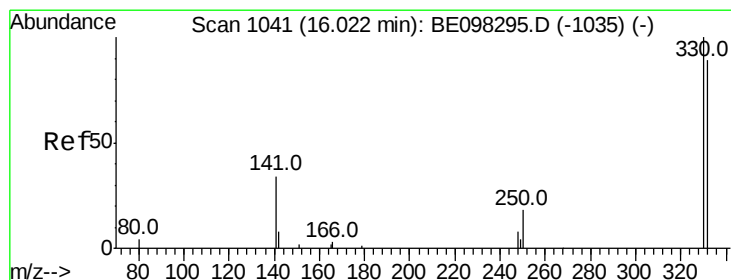
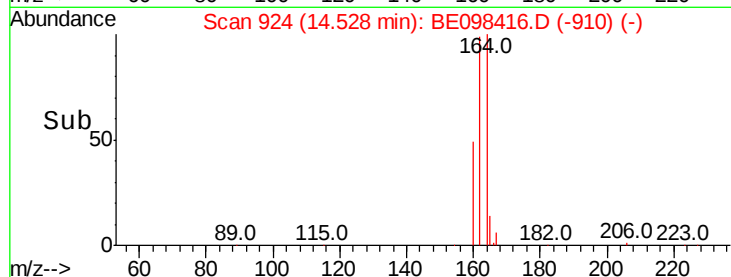
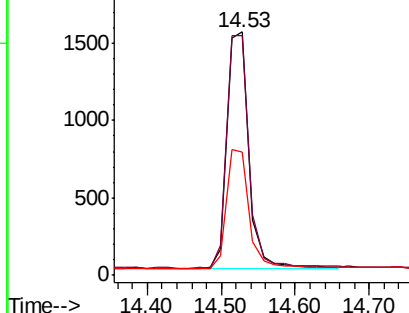


Abundance

Ion 164.00 (163.70 to 164.70): E

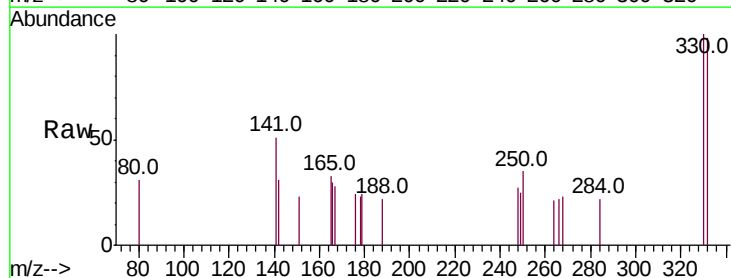
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.369 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098416.D
Acq: 14 Dec 2018 2:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.9	76.2	114.4
141	39.3	39.0	58.4

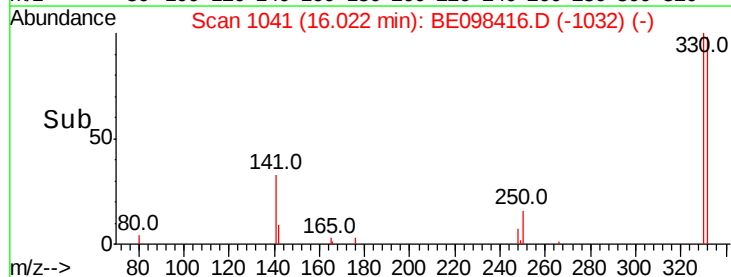
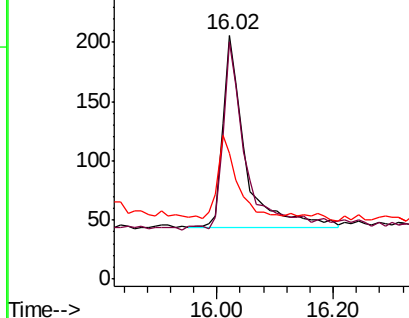


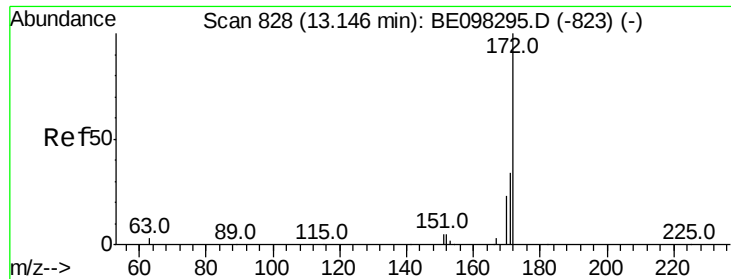
Abundance

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





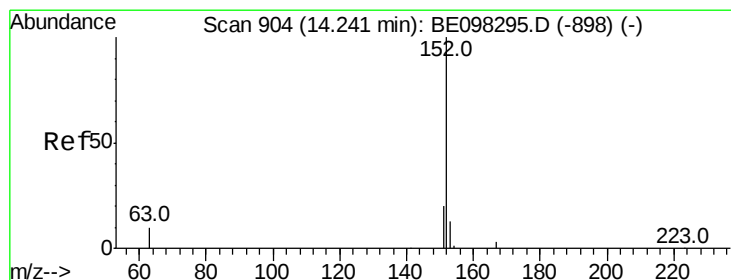
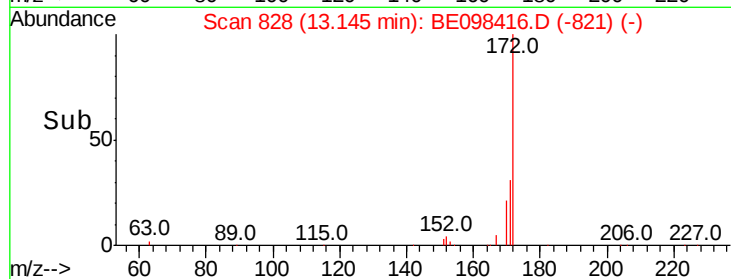
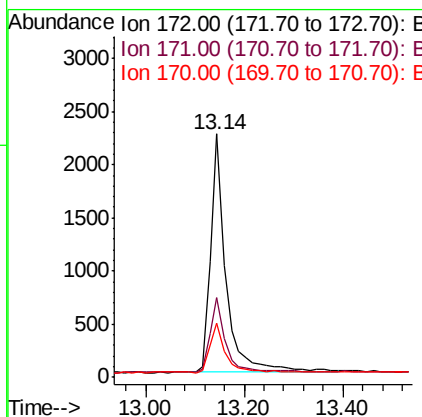
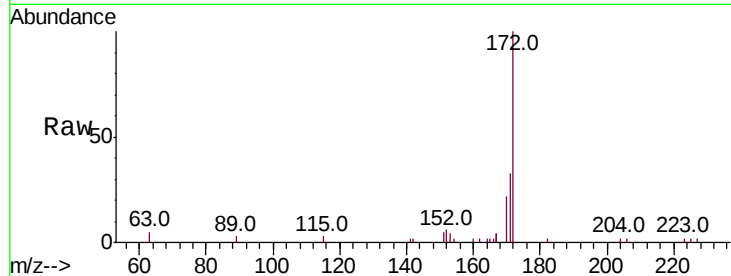
#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098416.D
Acq: 14 Dec 2018 2:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	32.6	27.5	41.3
170	22.3	19.6	29.4

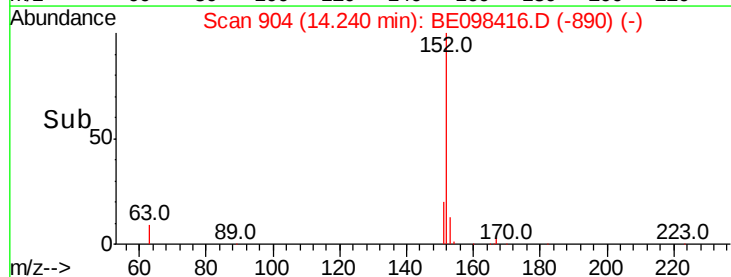
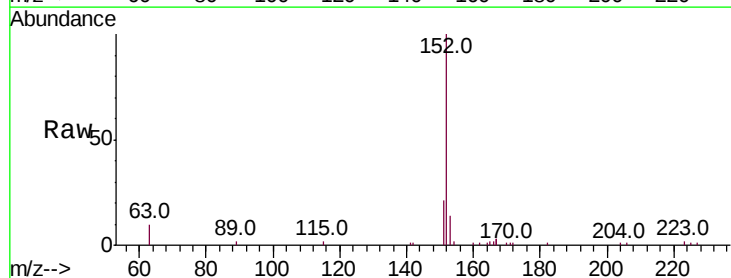
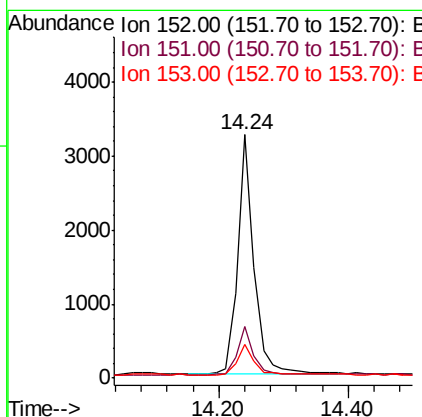
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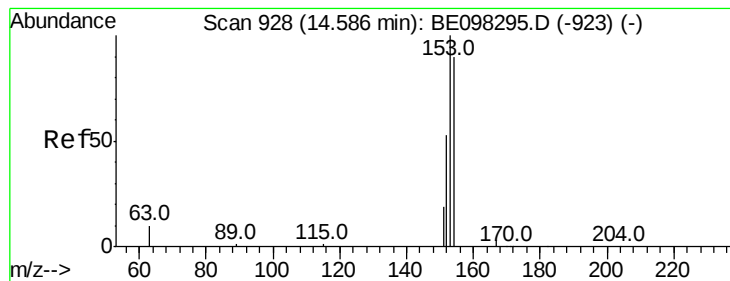
Sohil
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#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098416.D
Acq: 14 Dec 2018 2:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.3	10.6	16.0





#17

Acenaphthene

Concen: 0.378 ng

RT: 14.59 min Scan# 928

Delta R.T. -0.00 min

Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

Instrument :

BNA_E

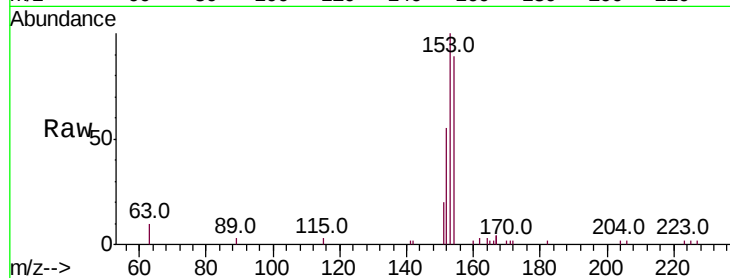
ClientSampleId :

SSTDCCC0.4

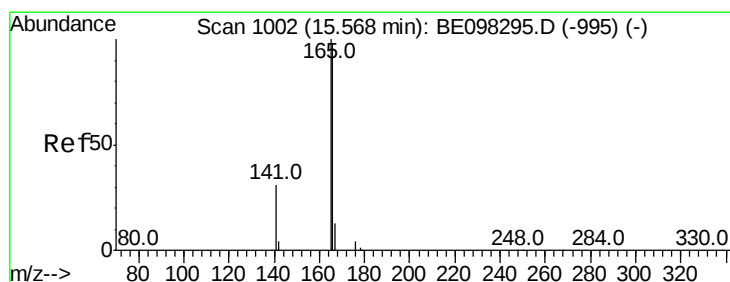
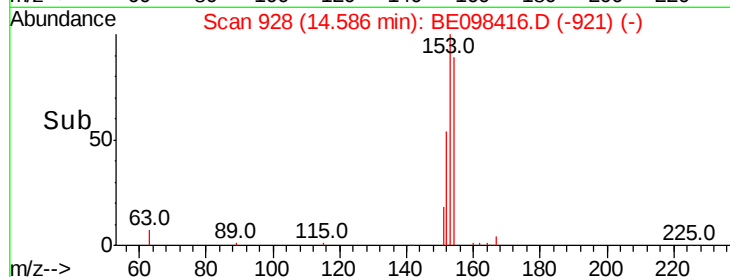
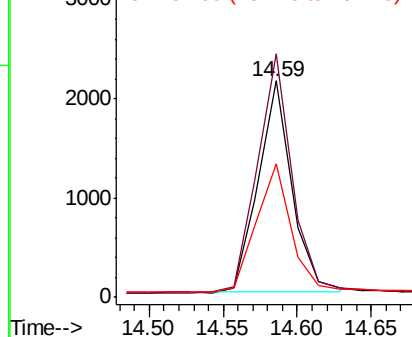
Tot Ion:	154	Resp:	3349
Ion Ratio	Lower	Upper	
154	100		
153	115.7	91.8	137.6
152	62.7	45.5	68.3

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.382 ng

RT: 15.57 min Scan# 1002

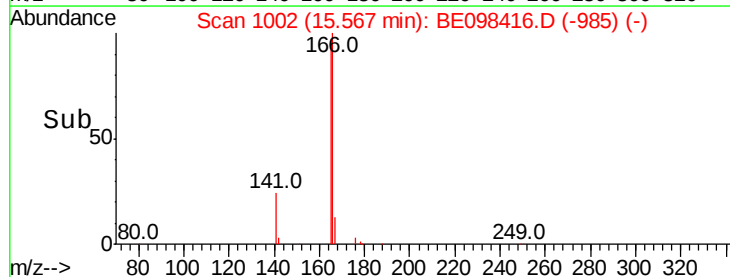
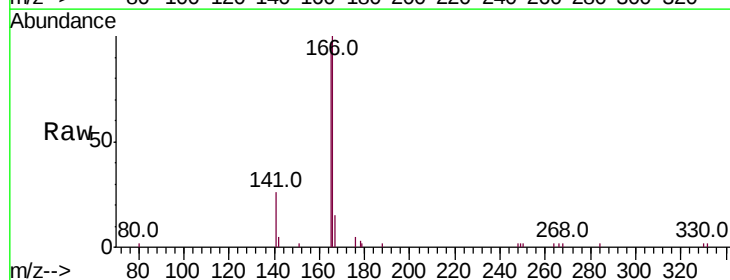
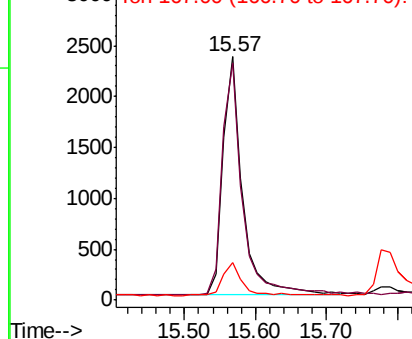
Delta R.T. -0.00 min

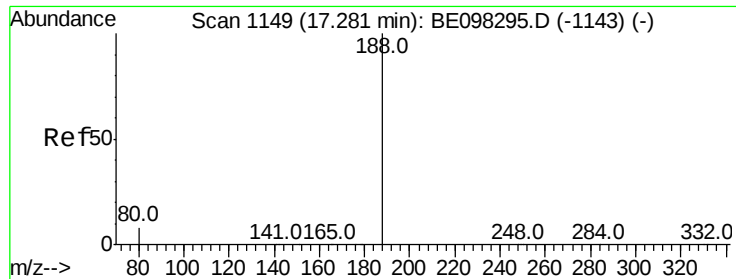
Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

Tgt Ion:	166	Resp:	4525
Ion Ratio	Lower	Upper	
166	100		
165	99.6	79.3	118.9
167	13.5	11.3	16.9

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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

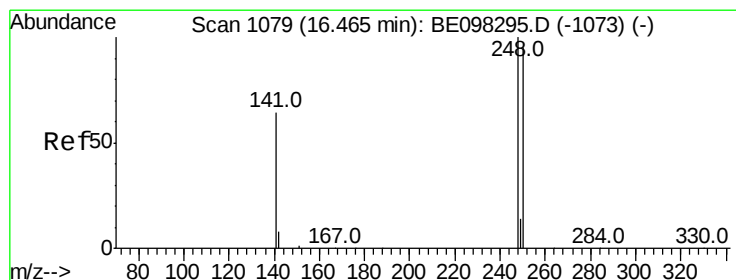
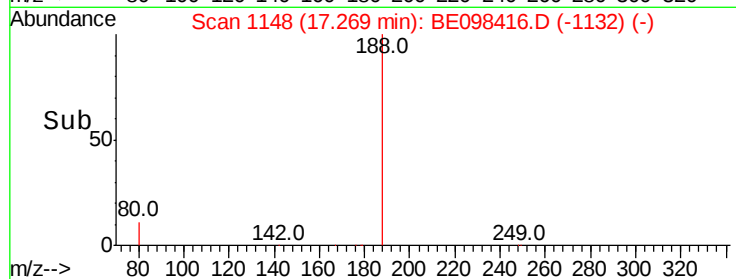
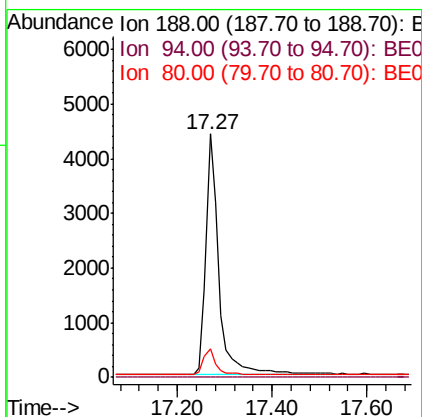
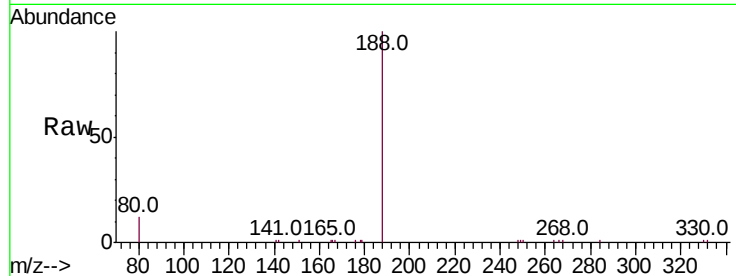
Instrument :
BNA_E

ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	7.2	10.8

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#20

4-Bromophenyl-phenylether

Concen: 0.348 ng

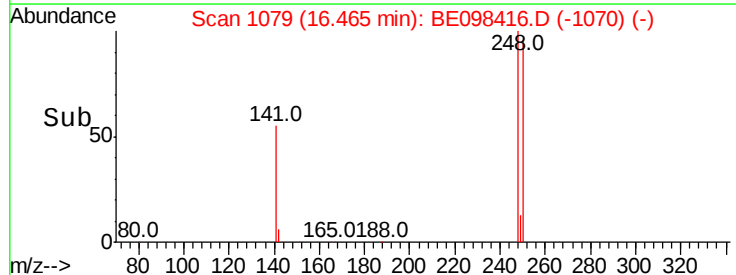
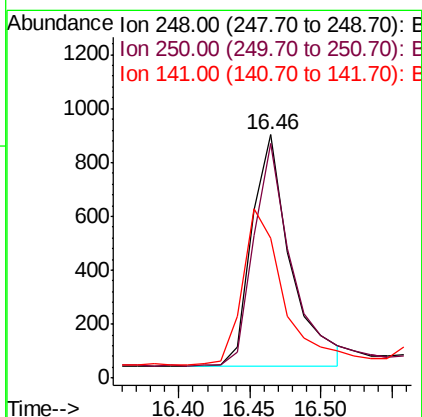
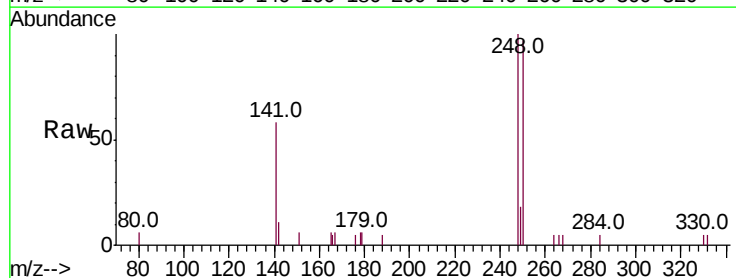
RT: 16.46 min Scan# 1079

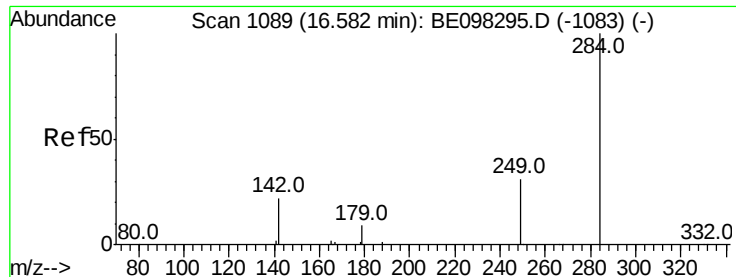
Delta R.T. -0.00 min

Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	71.0	106.6
141	57.6	62.1	93.1





#21

Hexachlorobenzene

Concen: 0.381 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

Instrument :

BNA_E

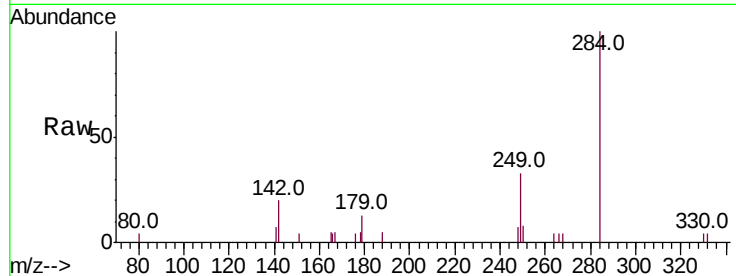
ClientSampleId :

SSTDCCC0.4

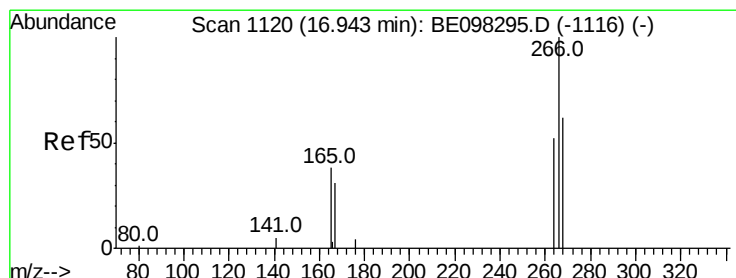
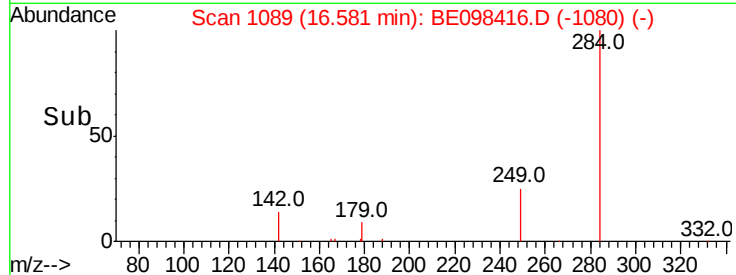
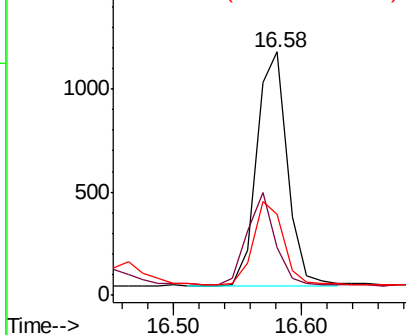
Tot Ion:	284	Resp:	1903
Ion Ratio		Lower	Upper
284	100		
142	35.6	26.3	39.5
249	34.5	26.0	39.0

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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: 0.215 ng

RT: 16.95 min Scan# 1121

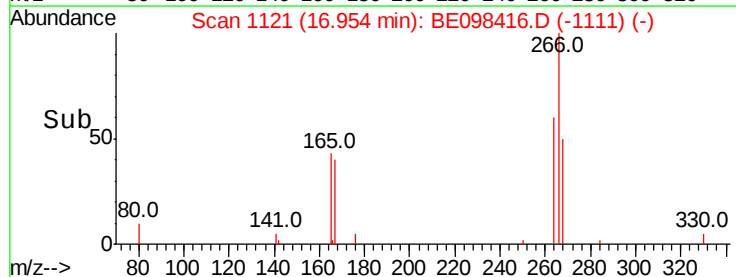
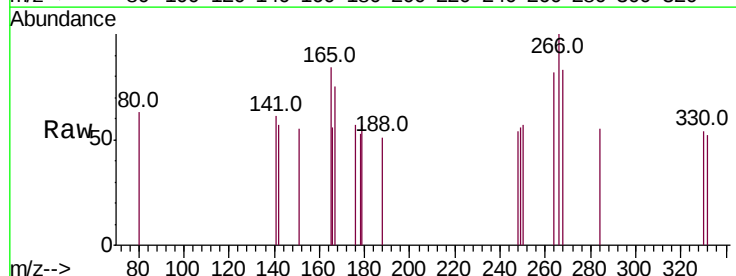
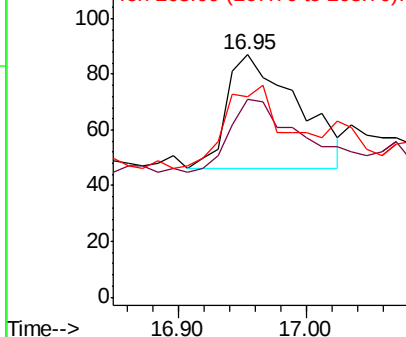
Delta R.T. 0.01 min

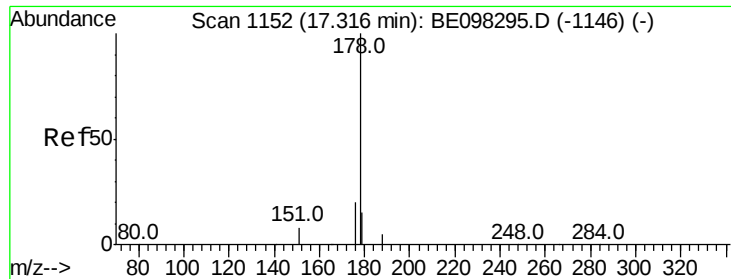
Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

Tgt Ion:	266	Resp:	158
Ion Ratio		Lower	Upper
266	100		
264	81.6	59.0	88.4
268	82.8	55.1	82.7#

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





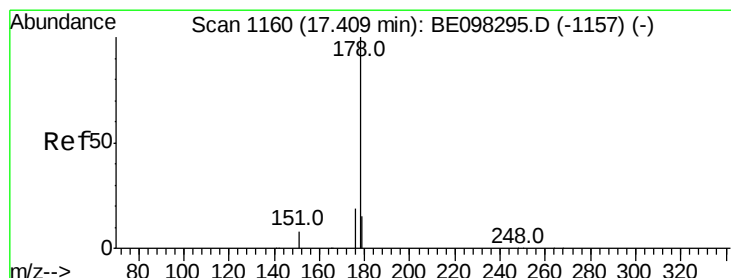
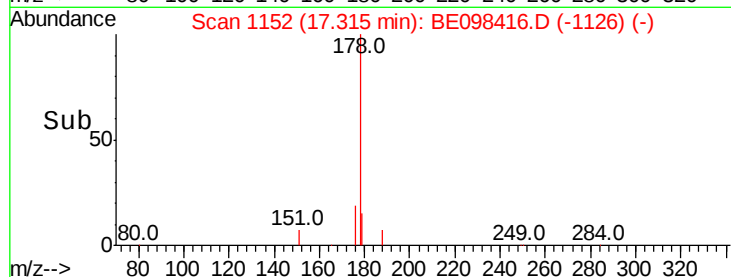
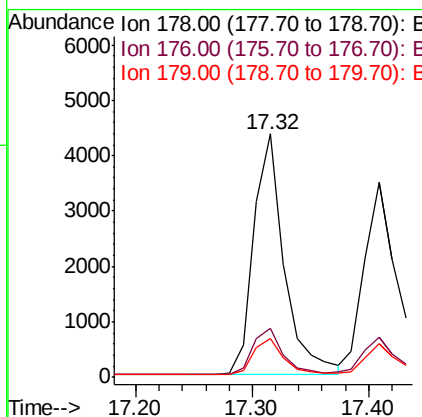
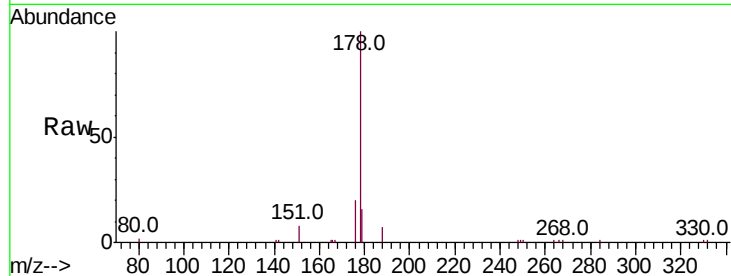
#23
Phenanthrene
Concen: 0.381 ng
RT: 17.32 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098416.D
Acq: 14 Dec 2018 2:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	14.9	12.3	18.5

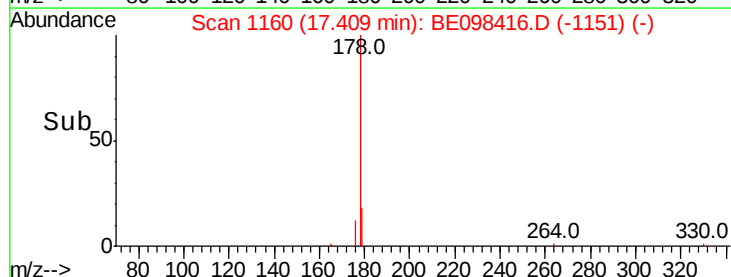
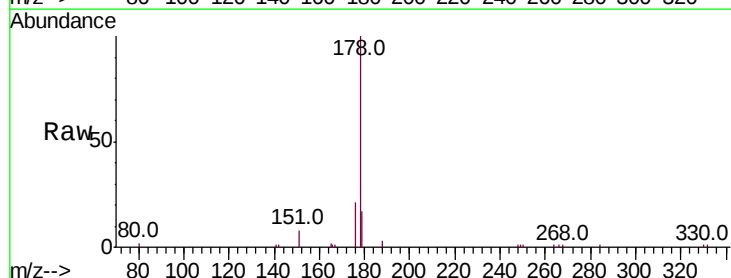
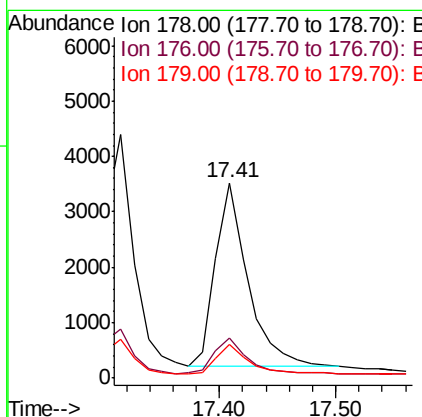
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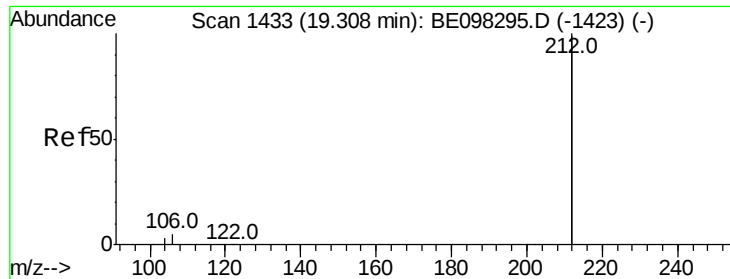
Sohil
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#24
Anthracene
Concen: 0.344 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098416.D
Acq: 14 Dec 2018 2:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.0	22.4
179	15.6	12.3	18.5





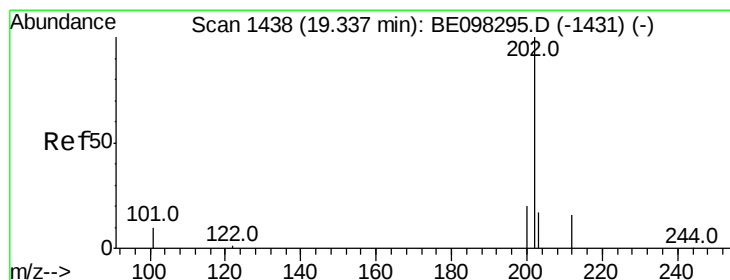
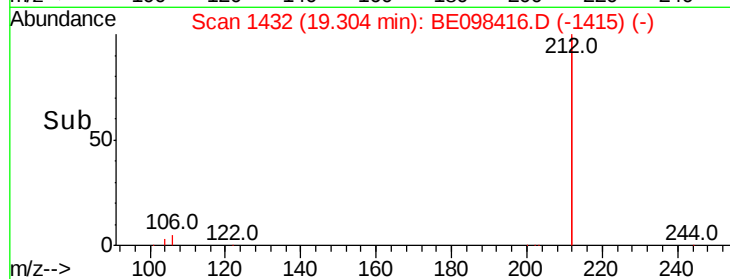
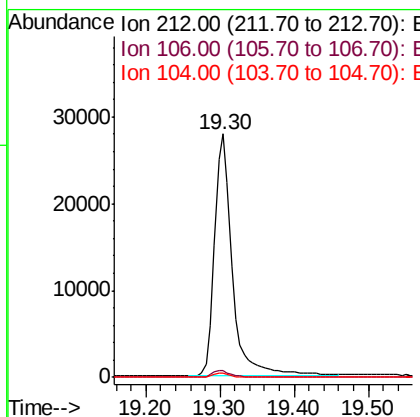
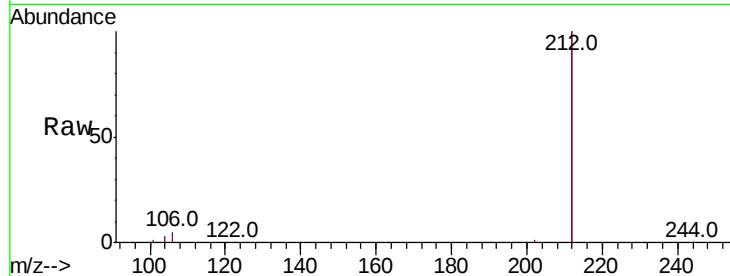
#25
Fluoranthene-d10
Concen: 0.419 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE098416.D
Acq: 14 Dec 2018 2:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
212	100		
106	2.5	2.2	3.2
104	1.4	1.3	1.9

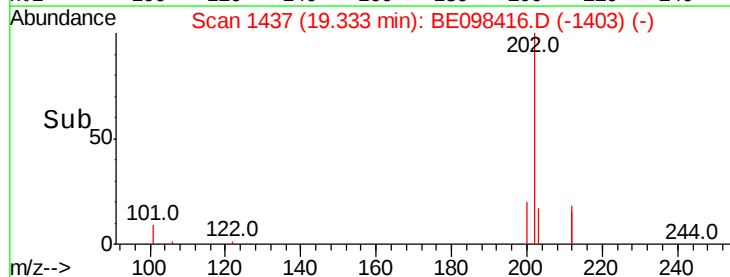
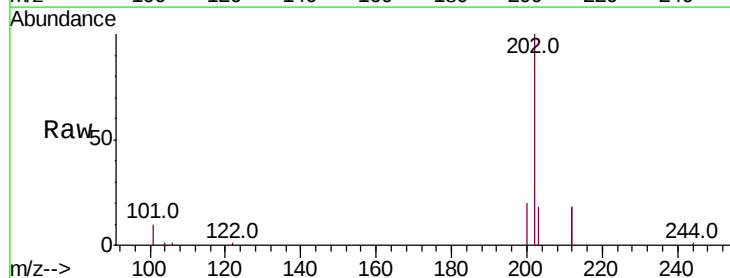
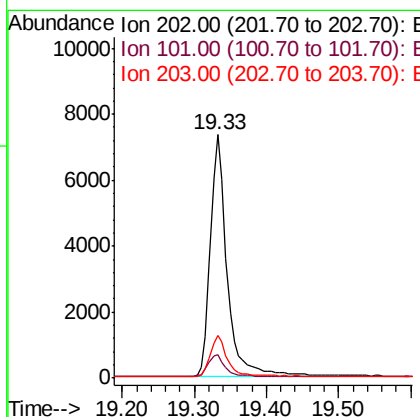
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#26
Fluoranthene
Concen: 0.427 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE098416.D
Acq: 14 Dec 2018 2:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	8.0	12.0
203	16.4	13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

Instrument :

BNA_E

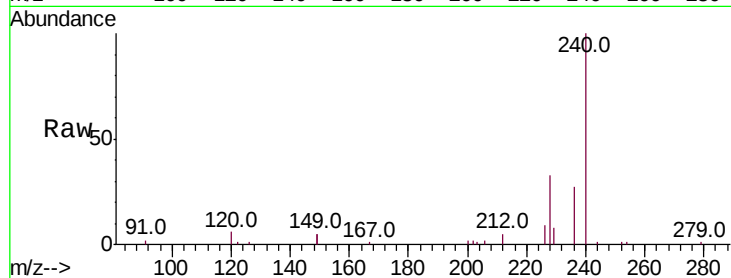
ClientSampleId :

SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.4	9.5	14.3#
236	27.2	22.7	34.1

Manual Integrations
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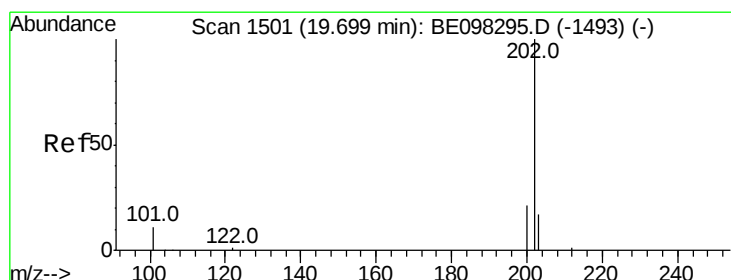
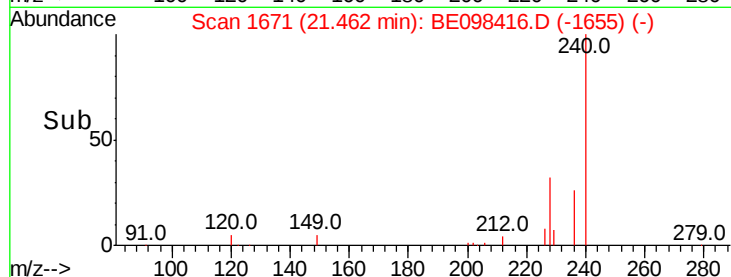
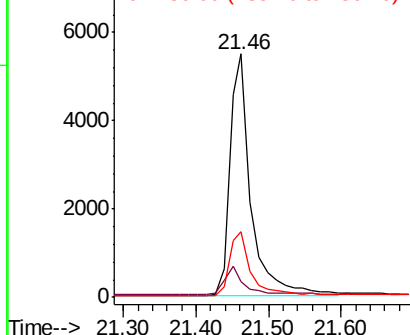


Abundance

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: 0.342 ng

RT: 19.69 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

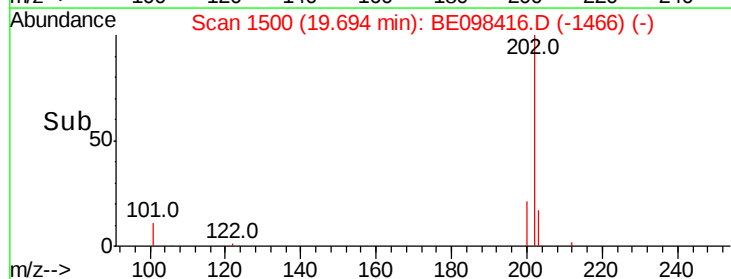
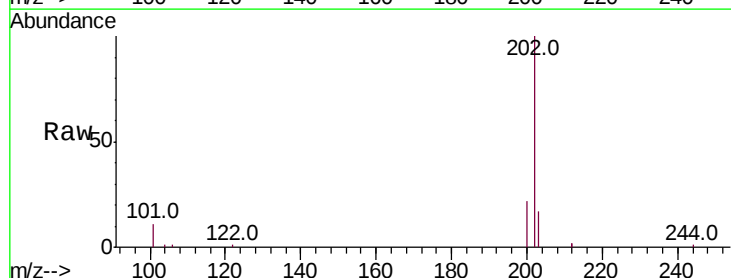
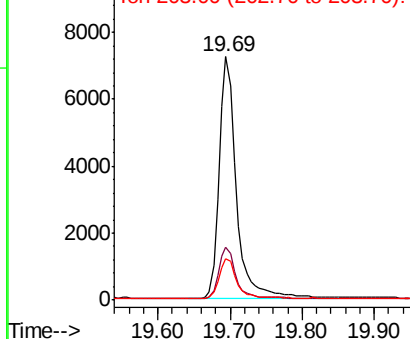
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	16.5	14.1	21.1

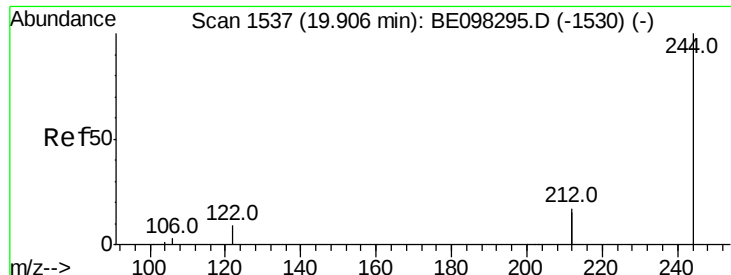
Abundance

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: 0.326 ng/mL

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion: 244 Resp: 8808

Ion Ratio Lower Upper

244 100

212 18.1 27.4 41.0#

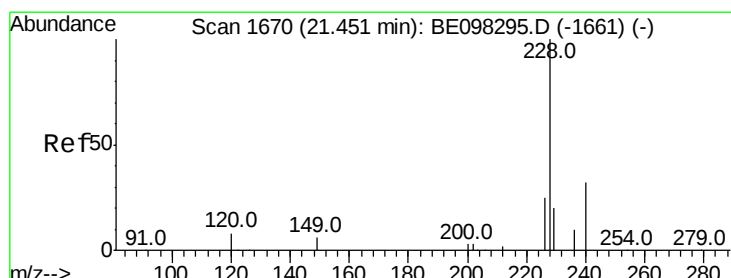
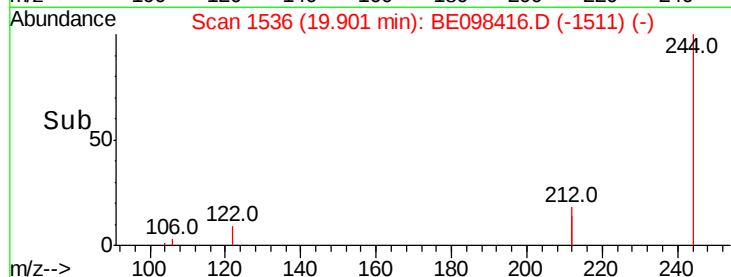
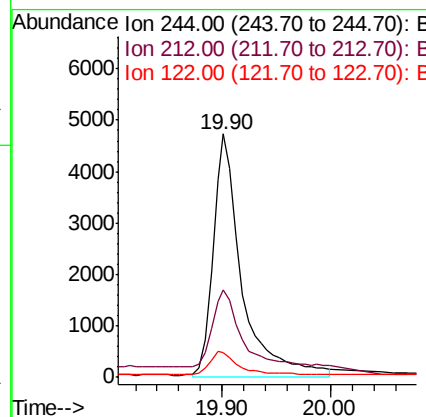
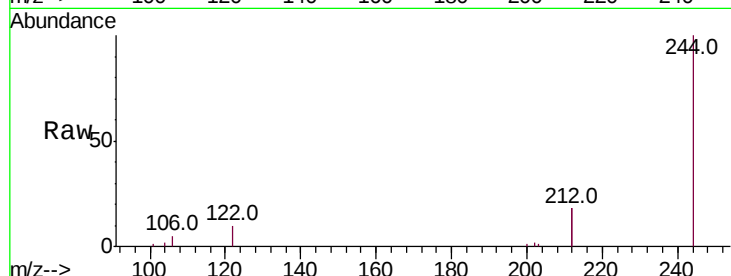
122 10.4 8.3 12.5

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#30

Benzo(a)anthracene

Concen: 0.360 ng/mL

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

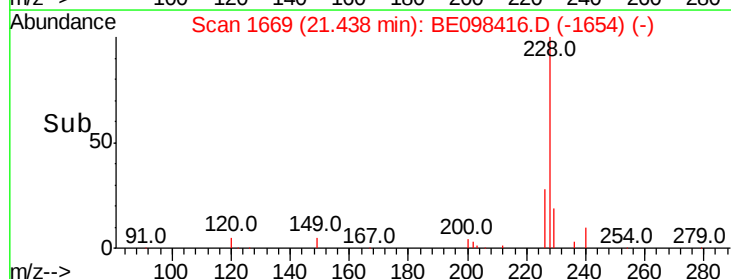
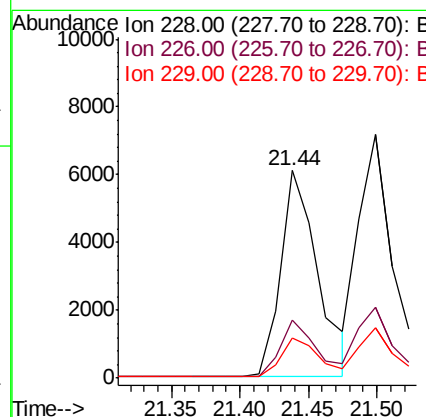
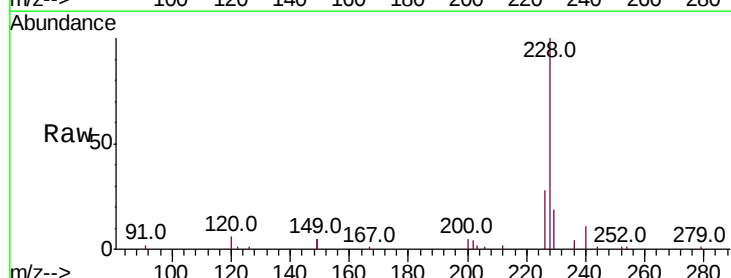
Tgt Ion: 228 Resp: 11390

Ion Ratio Lower Upper

228 100

226 28.1 21.8 32.8

229 19.2 16.3 24.5





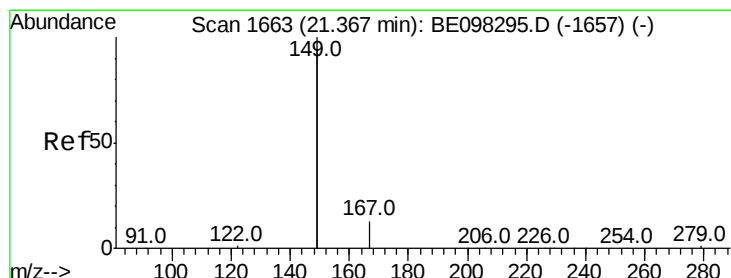
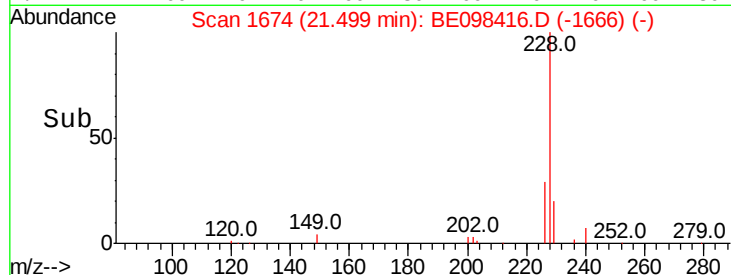
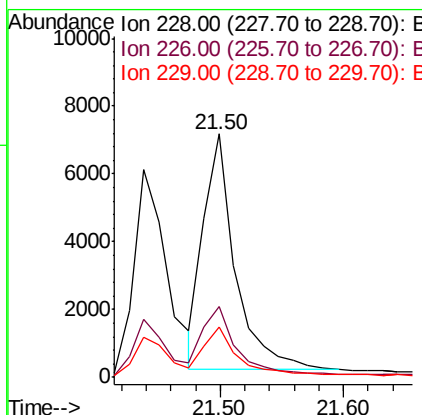
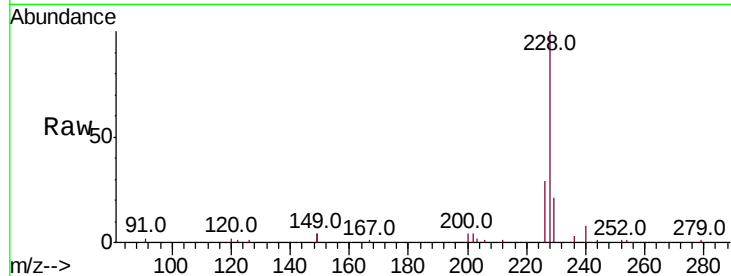
#31
Chrysene
Concen: 0.374 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098416.D
Acq: 14 Dec 2018 2:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.0
229	20.9	16.2	24.4

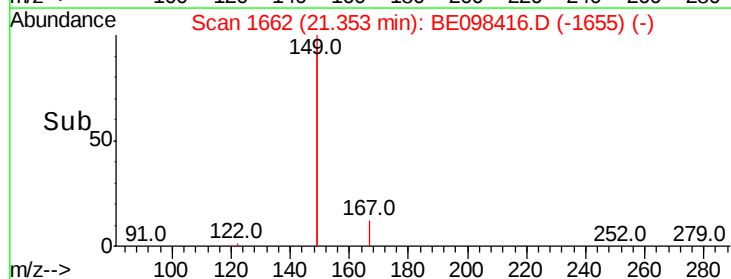
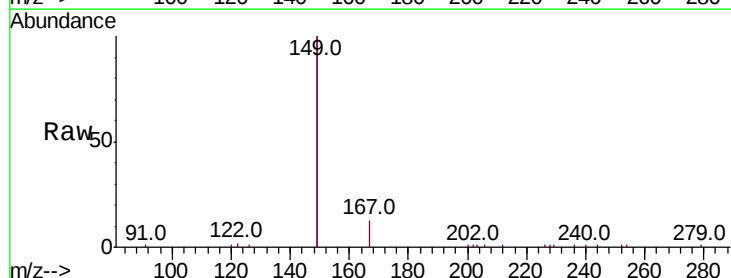
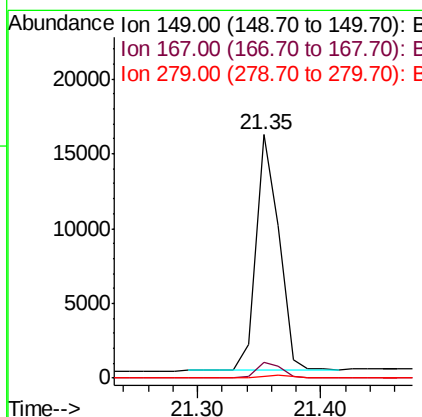
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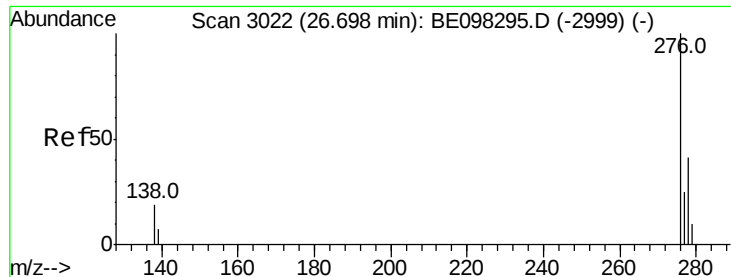
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.320 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098416.D
Acq: 14 Dec 2018 2:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.7	8.5
279	0.9	1.0	1.4#





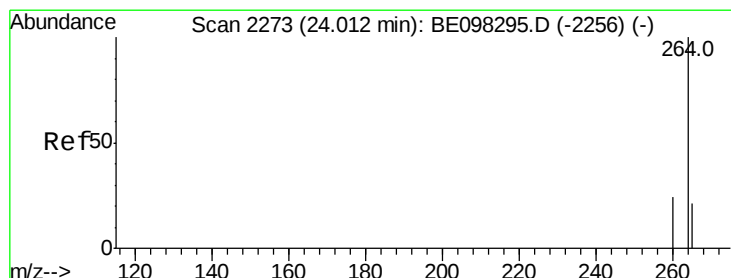
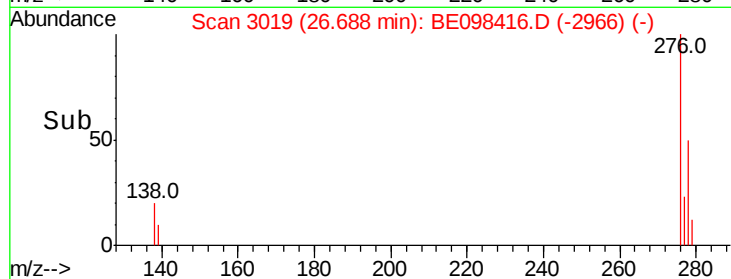
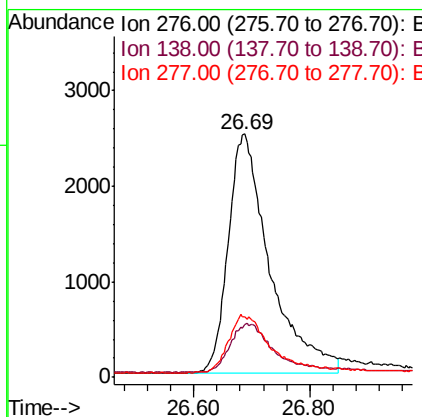
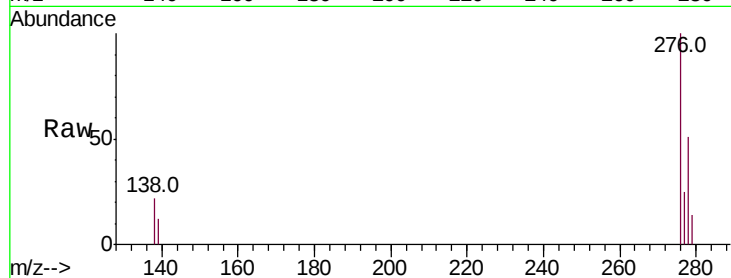
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng
RT: 26.69 min Scan# 3019
Delta R.T. -0.01 min
Lab File: BE098416.D
Acq: 14 Dec 2018 2:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.3	16.3	24.5#
277	24.4	20.2	30.4

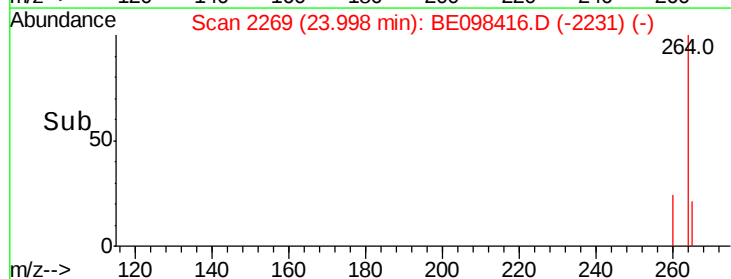
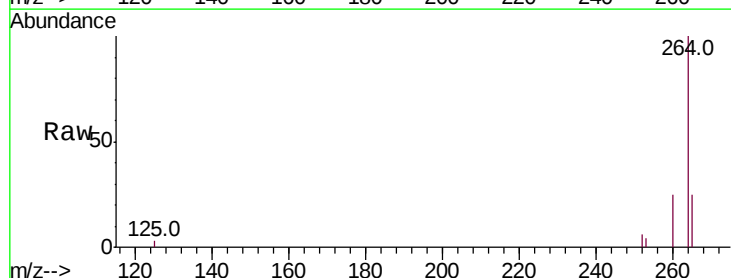
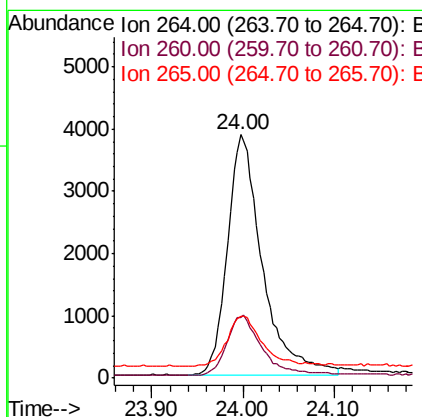
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#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BE098416.D
Acq: 14 Dec 2018 2:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.2
265	25.2	25.2	37.8#





#35

Benzo(b)fluoranthene

Concen: 0.397 ng/mL

RT: 23.22 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

Instrument :

BNA_E

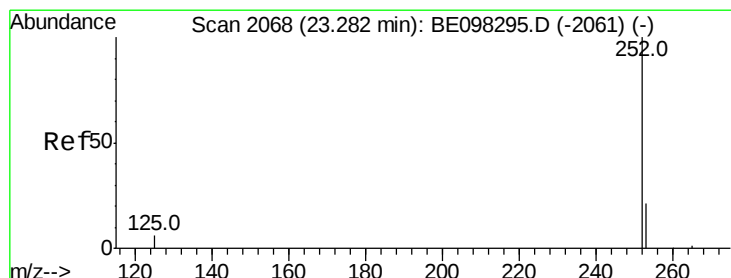
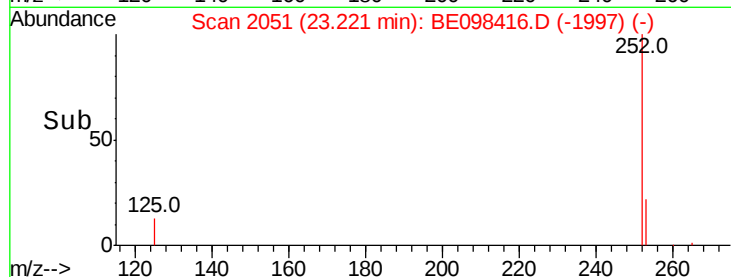
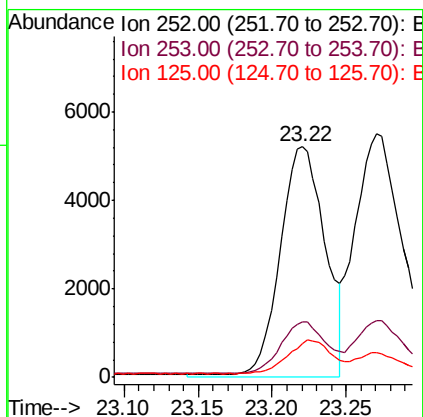
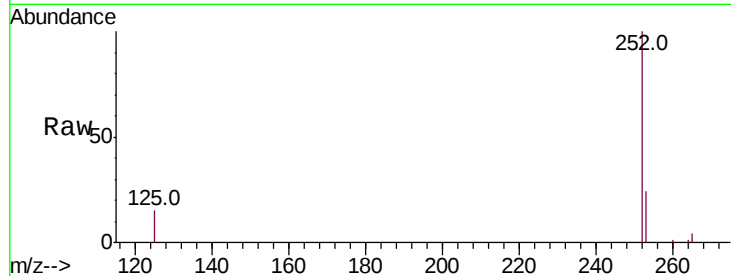
ClientSampleId :

SSTDCCC0.4

Tot Ion:	252	Resp:	11195
Ion Ratio	Lower	Upper	
252	100		
253	23.9	20.0	30.0
125	14.8	9.6	14.4

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#36

Benzo(k)fluoranthene

Concen: 0.412 ng/mL

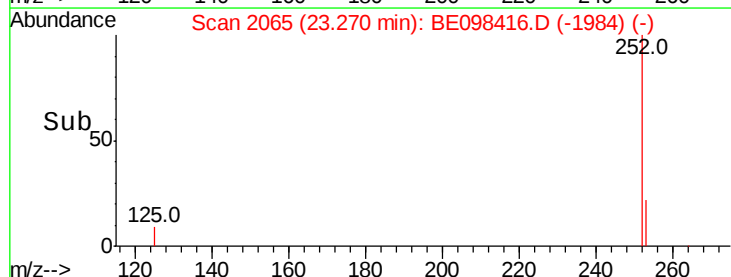
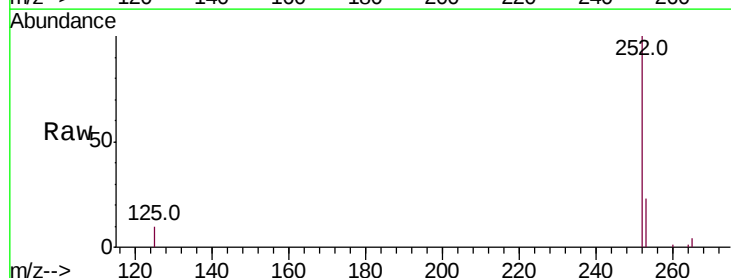
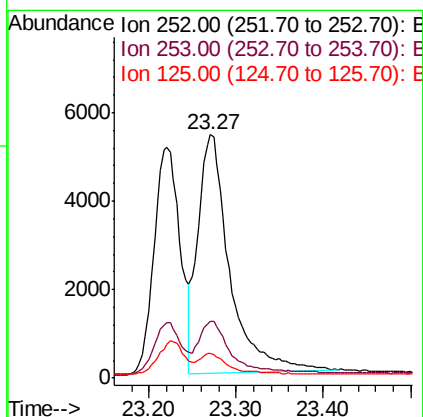
RT: 23.27 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

Tgt Ion:	252	Resp:	13545
Ion Ratio	Lower	Upper	
252	100		
253	23.1	19.0	28.6
125	10.0	9.1	13.7





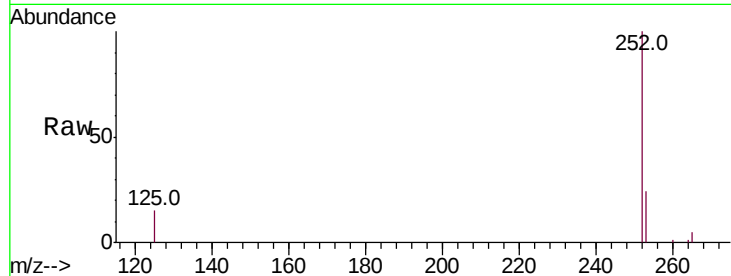
#37
Benzo(a)pyrene
Concen: 0.397 ng
RT: 23.89 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BE098416.D
Acq: 14 Dec 2018 2:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

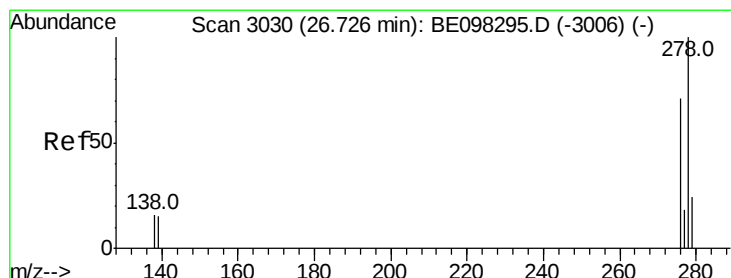
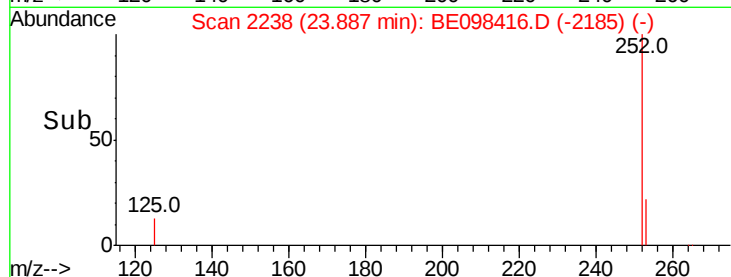
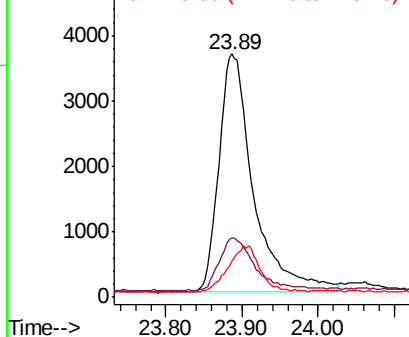
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.6	30.8
125	15.1	10.5	15.7

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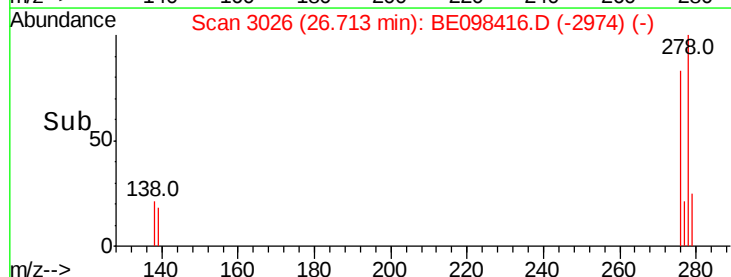
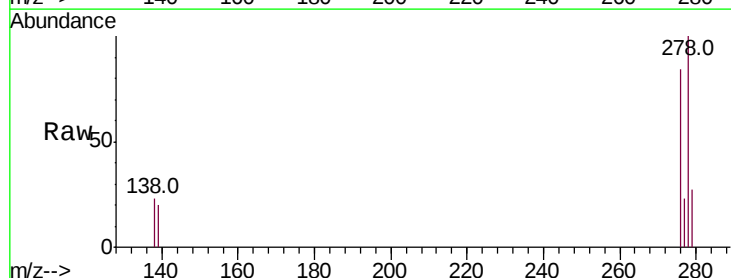
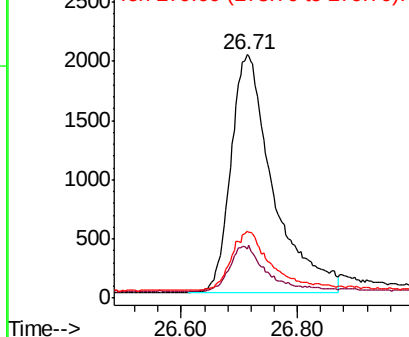
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38
Dibenzo(a,h)anthracene
Concen: 0.368 ng
RT: 26.71 min Scan# 3026
Delta R.T. -0.01 min
Lab File: BE098416.D
Acq: 14 Dec 2018 2:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	14.5	21.7
279	27.4	21.8	32.8

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.383 ng

RT: 27.50 min Scan# 3247

Delta R.T. -0.02 min

Lab File: BE098416.D

Acq: 14 Dec 2018 2:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:	276	Resp:	10584
Ion Ratio	Lower	Upper	
276	100		
277	23.9	20.8	31.2
138	19.4	15.8	23.6

Manual Integrations
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