

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
 Data File : BE098397.D
 Acq On : 13 Dec 2018 15:16
 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 11:27:56 AM

Quant Time: Dec 13 20:57:25 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	1224	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	5305	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	3442	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	9329	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	11362	0.40	ng	0.00
34) Perylene-d12	24.00	264	10901	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1086	0.38	ng	0.01
5) Phenol-d6	7.04	99	1589	0.39	ng	0.00
8) Nitrobenzene-d5	9.03	82	1843	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3223	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	488	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5272	0.36	ng	0.00
25) Fluoranthene-d10	19.30	212	47337	0.40	ng	0.00
29) Terphenyl-d14	19.90	244	8726	0.32	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	777	0.367	ng	96
3) n-Nitrosodimethylamine	3.70	42	462	0.242	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1244	0.323	ng	86
9) Naphthalene	10.71	128	20785	0.389	ng	99
10) Hexachlorobutadiene	10.99	225	1381	0.406	ng	99
12) 2-Methylnaphthalene	12.34	142	3116	0.359	ng	97
16) Acenaphthylene	14.24	152	6183	0.383	ng	99
17) Acenaphthene	14.59	154	3670	0.379	ng	97
18) Fluorene	15.57	166	4962	0.383	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	1712	0.341	ng	87
21) Hexachlorobenzene	16.58	284	2066	0.383	ng	95
22) Pentachlorophenol	16.94	266	267	0.318	ng	92
23) Phenanthrene	17.31	178	8578	0.378	ng	99
24) Anthracene	17.41	178	6875	0.340	ng	99
26) Fluoranthene	19.33	202	12072	0.402	ng	99
28) Pyrene	19.69	202	12298	0.345	ng	100
30) Benzo(a)anthracene	21.44	228	11694	0.361	ng	98
31) Chrysene	21.50	228	12608	0.372	ng	100
32) Bis(2-ethylhexyl)phthalate	21.35	149	19863	0.302	ng	99
33) Indeno(1,2,3-cd)pyrene	26.68	276	13006	0.386	ng	98
35) Benzo(b)fluoranthene	23.22	252	11330m	0.380	ng	
36) Benzo(k)fluoranthene	23.27	252	14055	0.405	ng	99
37) Benzo(a)pyrene	23.89	252	11546	0.375	ng	97
38) Dibenzo(a,h)anthracene	26.72	278	10697	0.369	ng	# 91
39) Benzo(g,h,i)perylene	27.52	276	10894	0.373	ng	99

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

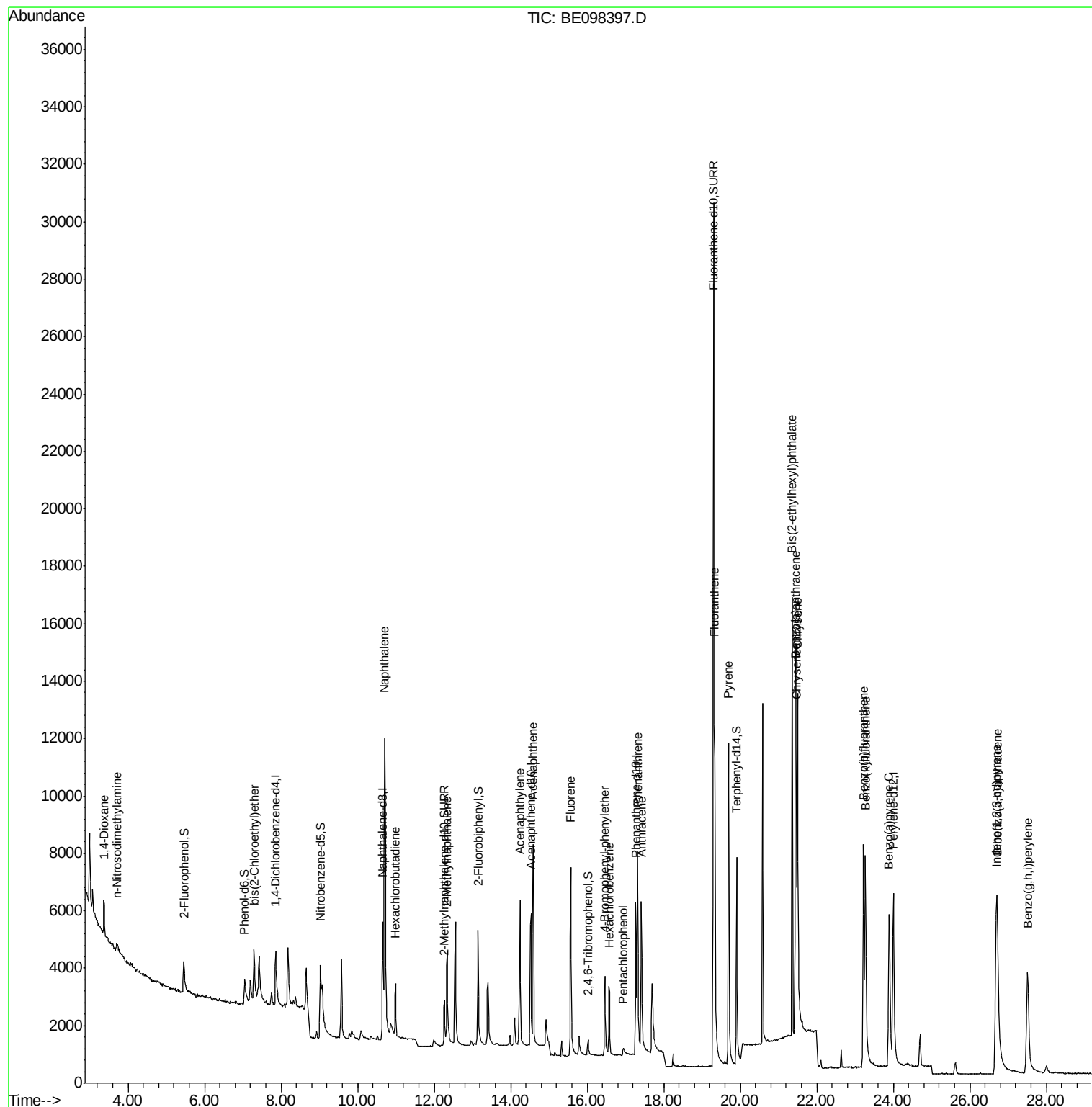
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
Data File : BE098397.D
Acq On : 13 Dec 2018 15:16
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

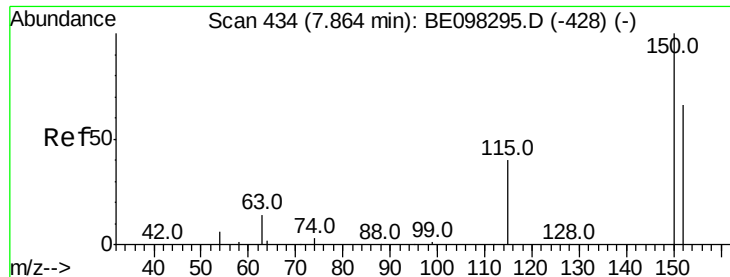
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations
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12/14/2018 11:27:56 AM

Quant Time: Dec 13 20:57:25 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

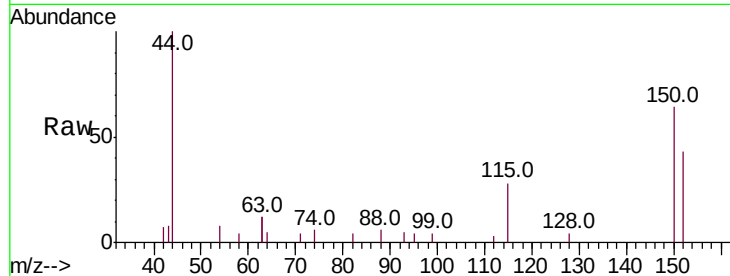
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

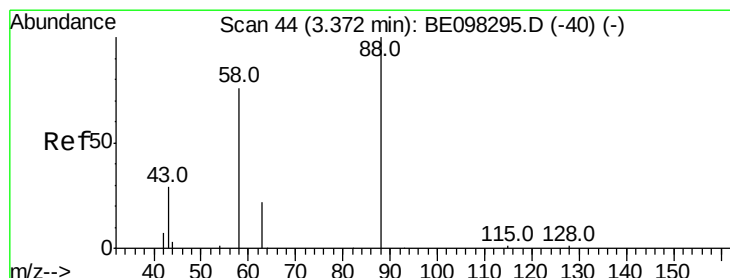
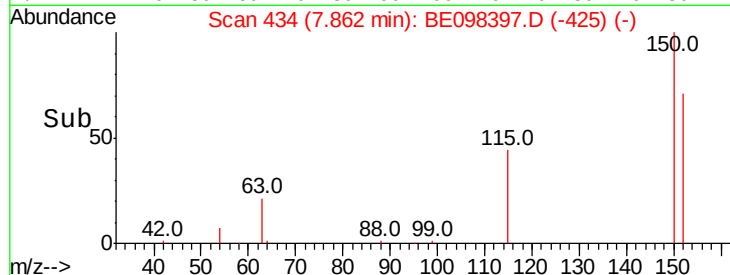
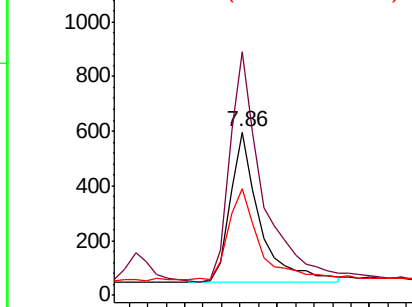
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.1	124.2	186.4
115	65.5	53.9	80.9

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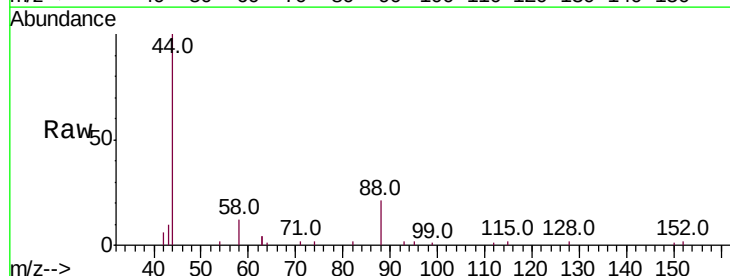
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



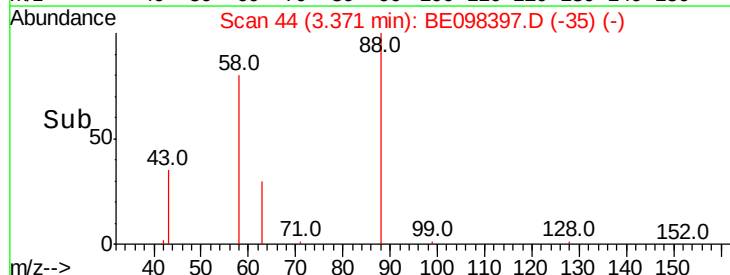
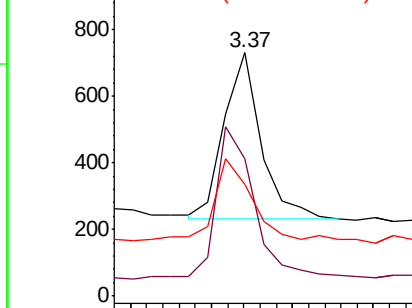
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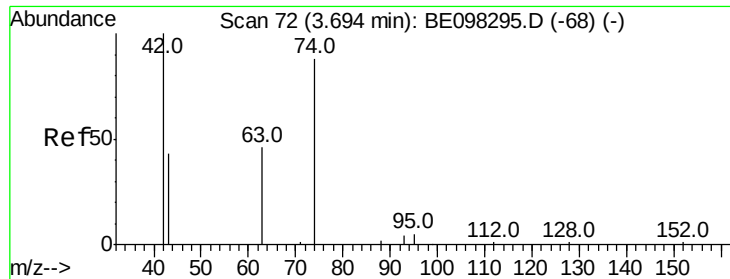
1,4-Dioxane
Concen: 0.367 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.7	75.0	112.6
43	52.5	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

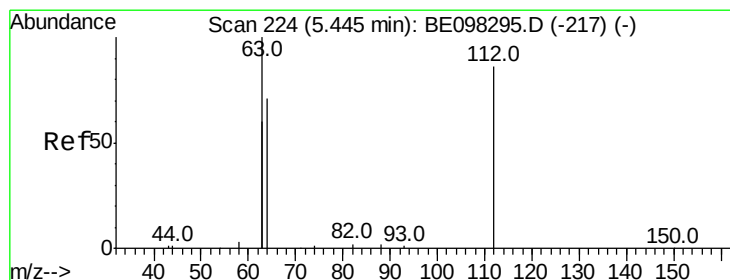
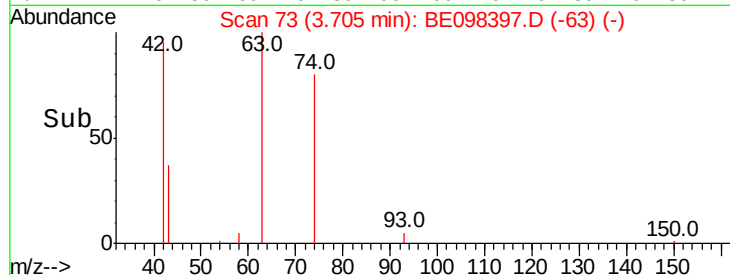
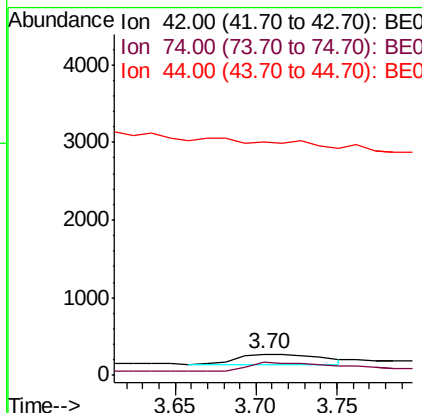
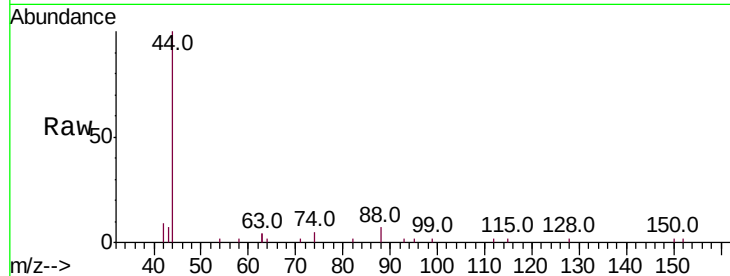
n-Nitrosodimethylamine
Concen: 0.242 ng
RT: 3.70 min Scan# 73
Delta R.T. 0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
42	100		
74	70.3	0.0	0.0#
44	0.0	0.0	0.0

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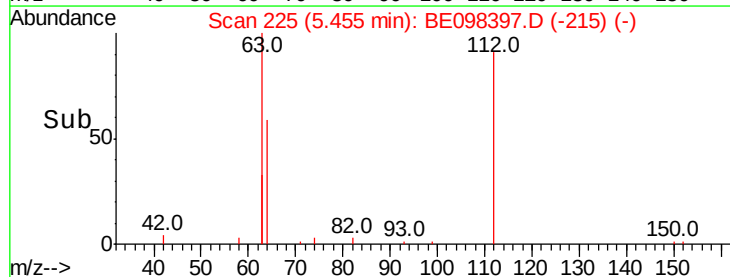
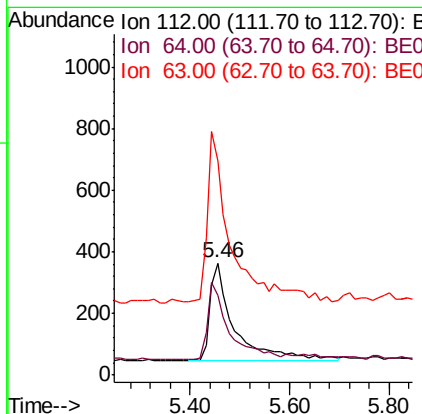
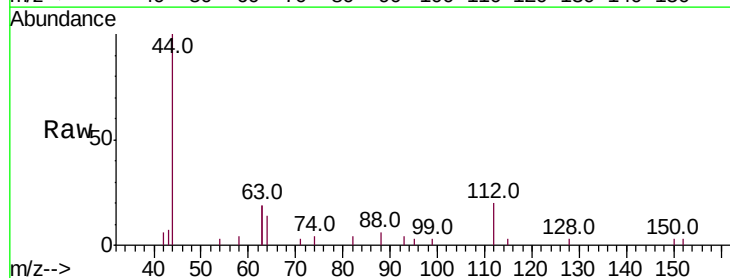
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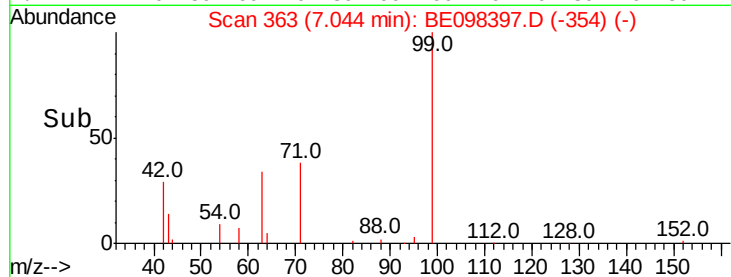
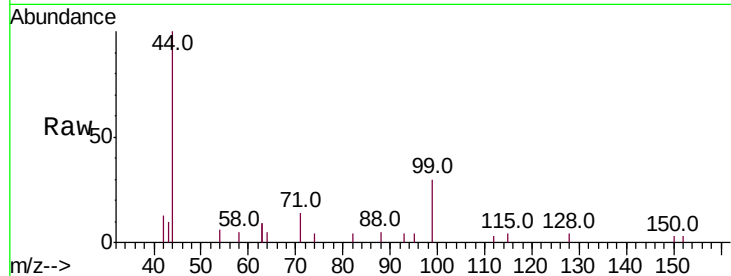
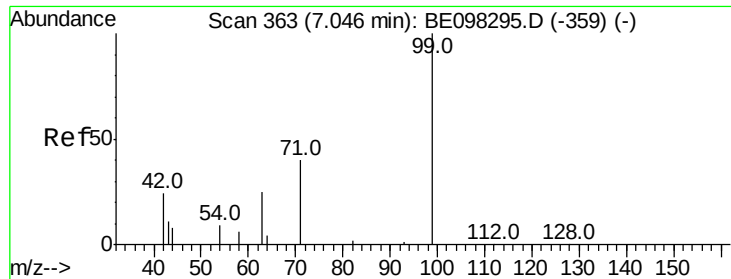


#4

2-Fluorophenol
Concen: 0.379 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	59.8	89.8
63	155.5	133.7	200.5





#5

Phenol-d6

Concen: 0.392 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Tot Ion:	99	Resp:	1589
Ion	Ratio	Lower	Upper
99	100		
42	27.3	26.3	39.5
71	40.0	33.6	50.4

Instrument :

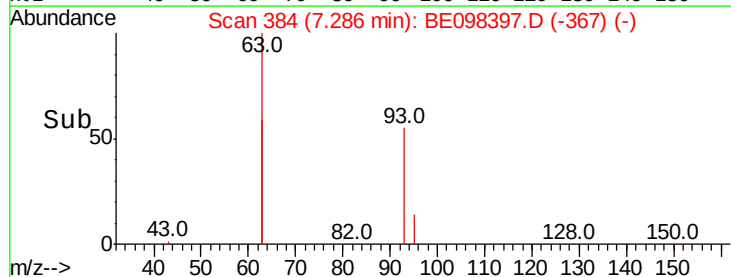
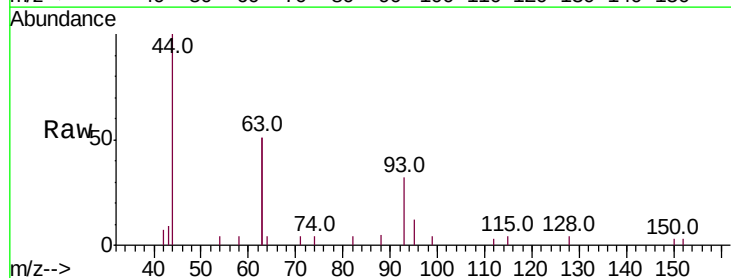
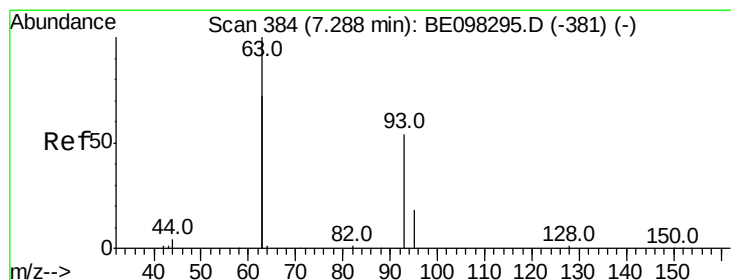
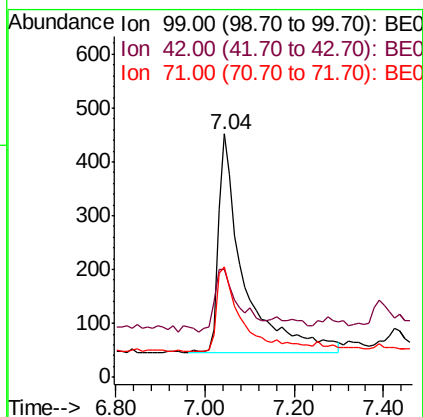
BNA_E

ClientSampleId :

SSTDCCC0.4

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.323 ng

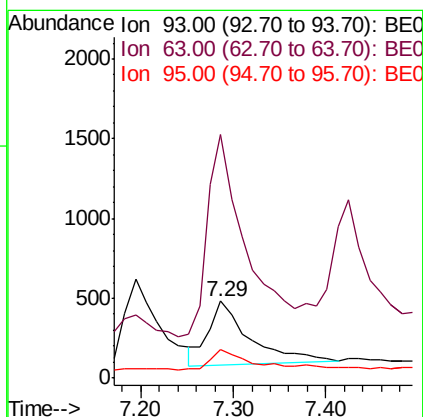
RT: 7.29 min Scan# 384

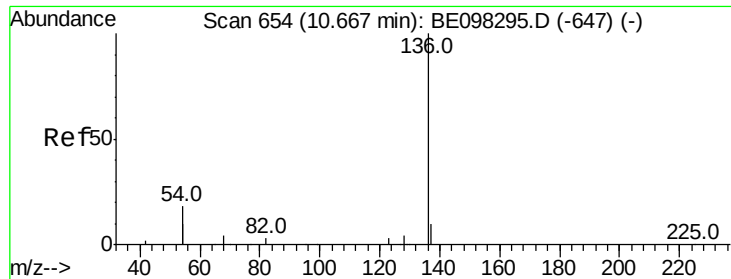
Delta R.T. -0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Tgt Ion:	93	Resp:	1244
Ion	Ratio	Lower	Upper
93	100		
63	299.0	264.4	396.6
95	35.5	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: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

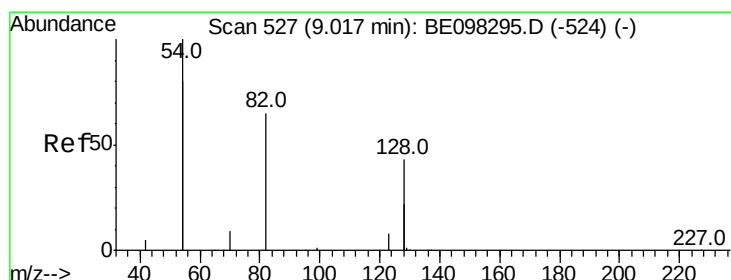
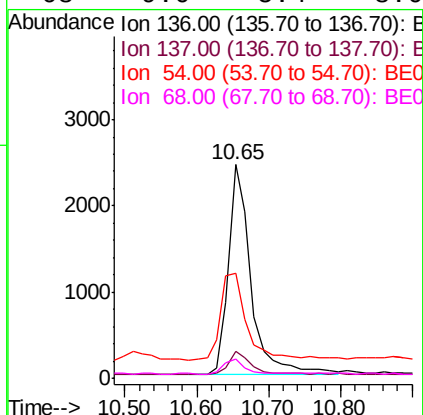
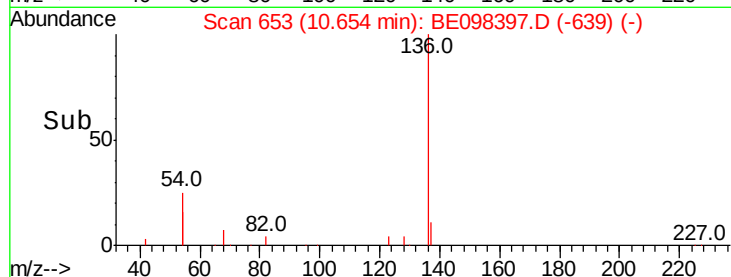
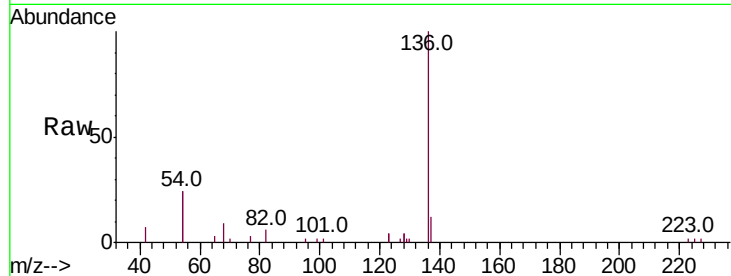
ClientSampleId :

SSTDCCC0.4

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.5	9.2	13.8	
54	49.0	28.4	42.6	
68	9.0	5.4	8.0	

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#8

Nitrobenzene-d5

Concen: 0.382 ng

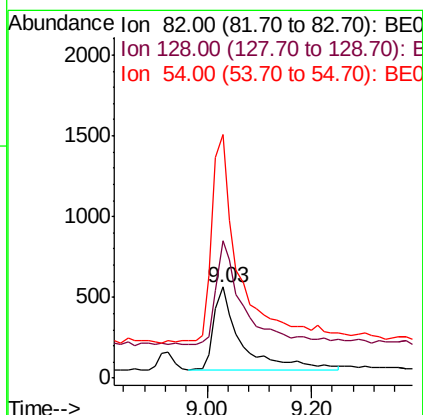
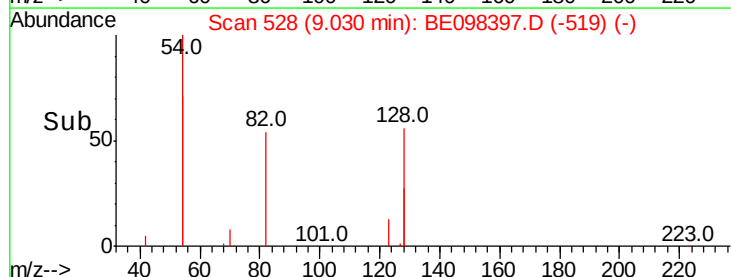
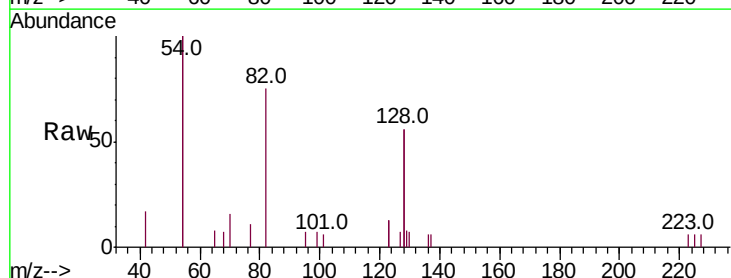
RT: 9.03 min Scan# 528

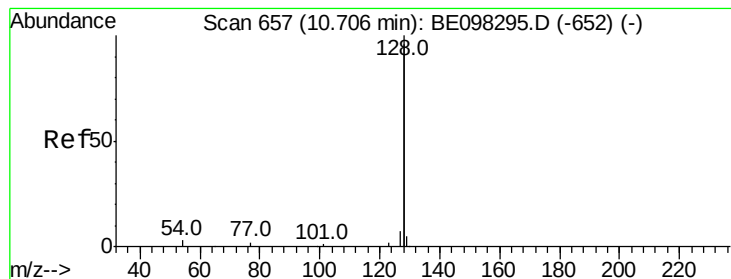
Delta R.T. 0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	150.8	102.4	153.6	
54	266.9	221.8	332.8	





#9

Naphthalene

Concen: 0.389 ng

RT: 10.71 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

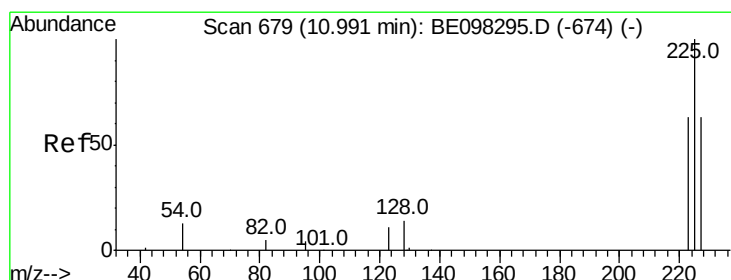
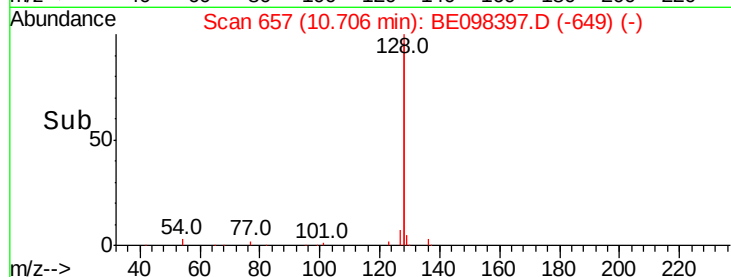
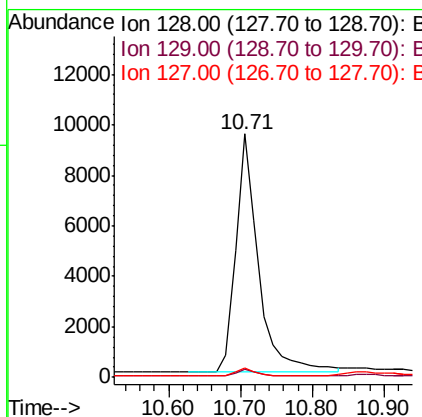
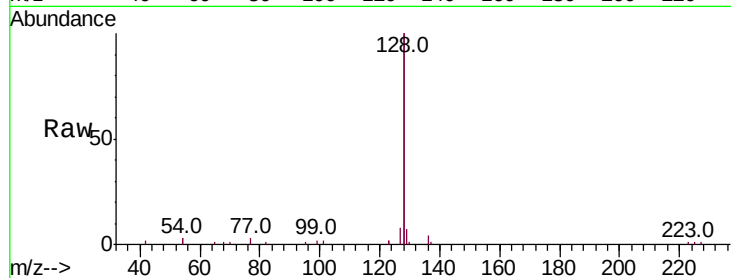
ClientSampleId :

SSTDCCC0.4

Tot Ion:	128	Resp:	20785
Ion Ratio	Lower	Upper	
128	100		
129	3.3	2.5	3.7
127	3.9	2.7	4.1

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#10

Hexachlorobutadiene

Concen: 0.406 ng

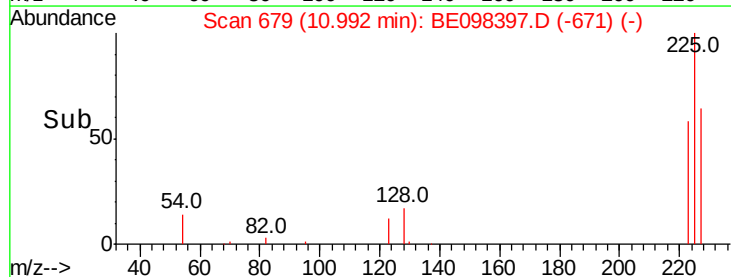
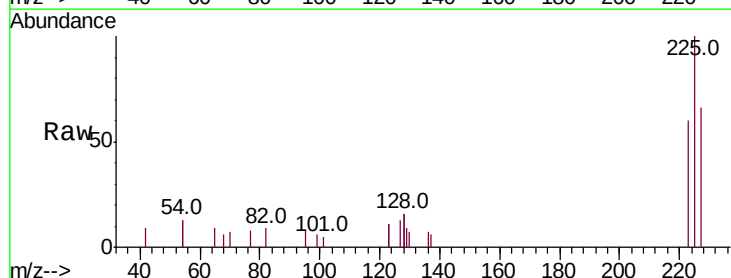
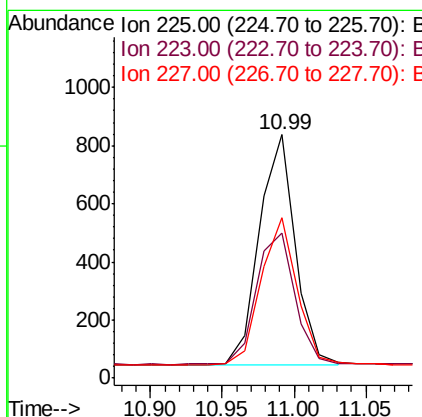
RT: 10.99 min Scan# 679

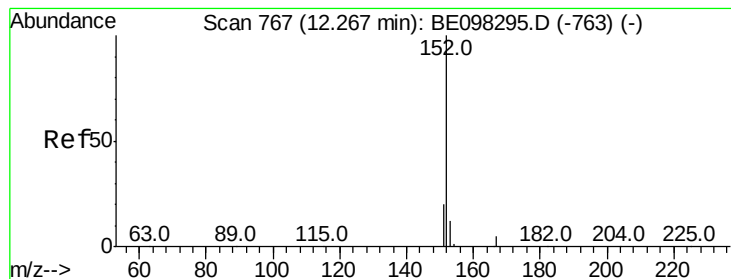
Delta R.T. 0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Tgt Ion:	225	Resp:	1381
Ion Ratio	Lower	Upper	
225	100		
223	61.2	49.4	74.0
227	64.7	52.0	78.0





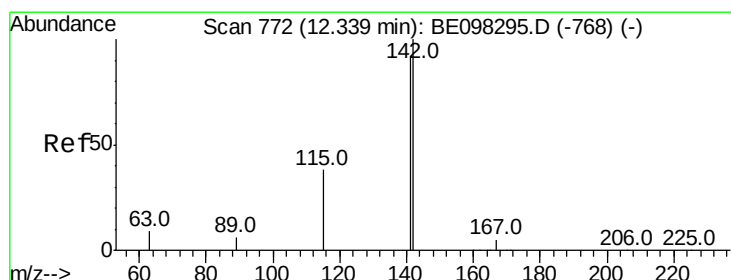
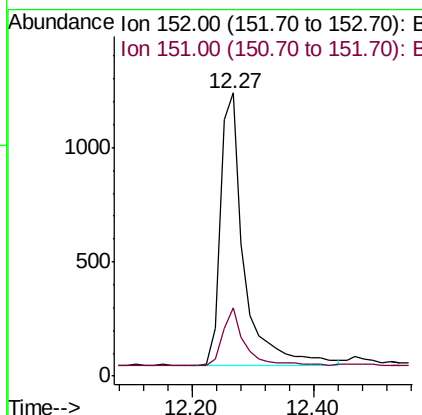
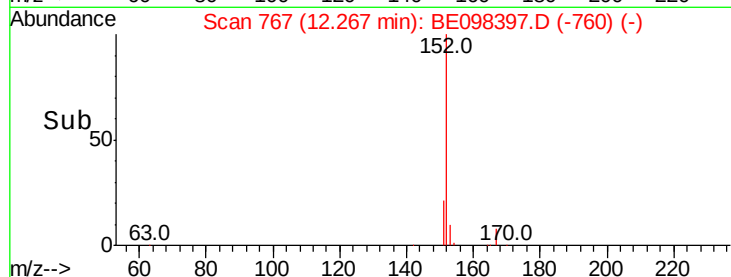
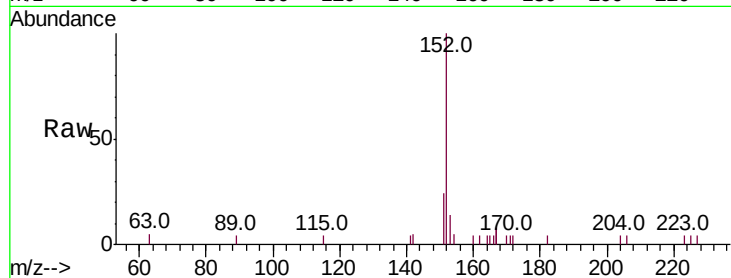
#11
 2-Methylnaphthalene-d10
 Concen: 0.374 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098397.D
 Acq: 13 Dec 2018 15:16

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4

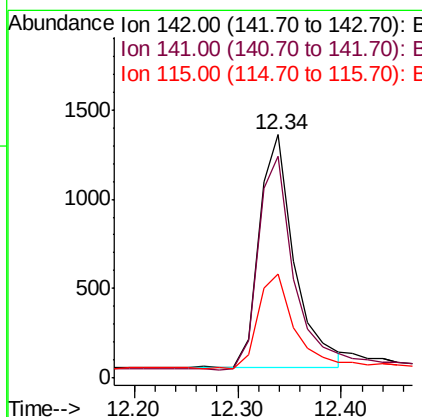
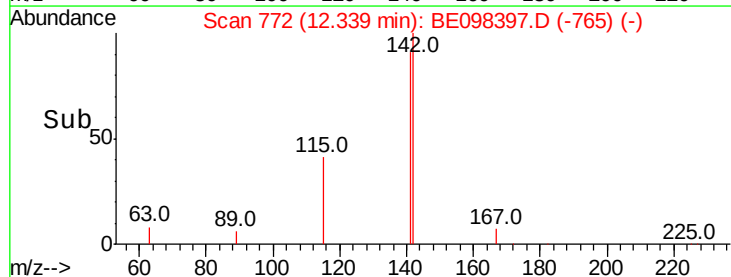
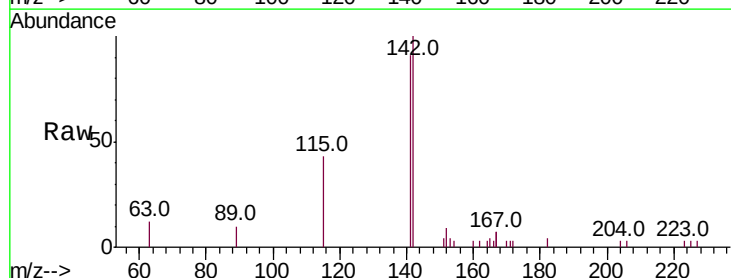
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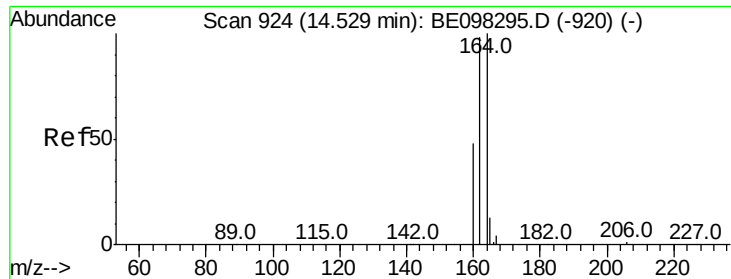
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#12
 2-Methylnaphthalene
 Concen: 0.359 ng
 RT: 12.34 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BE098397.D
 Acq: 13 Dec 2018 15:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.0	106.6
115	43.0	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: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

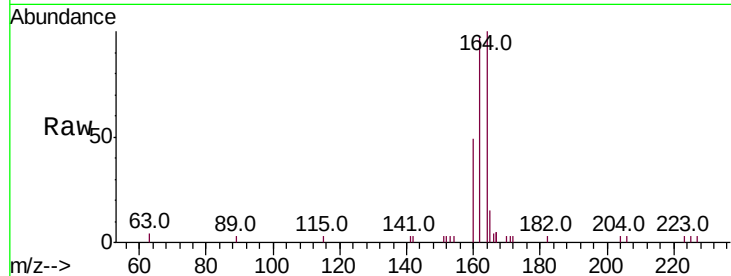
ClientSampleId :

SSTDCCC0.4

Tot Ion:	164	Resp:	3442
Ion Ratio	Lower	Upper	
164	100		
162	97.1	77.6	116.4
160	49.1	36.0	54.0

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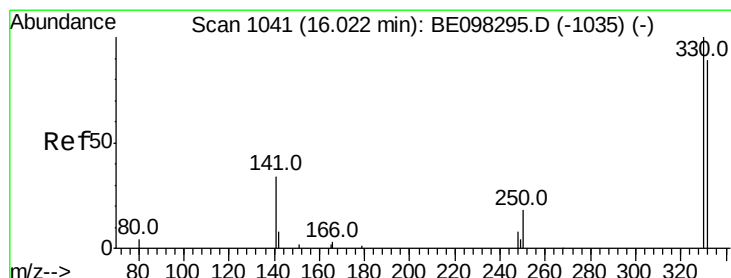
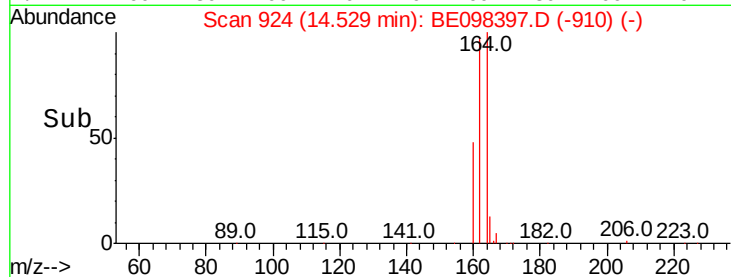
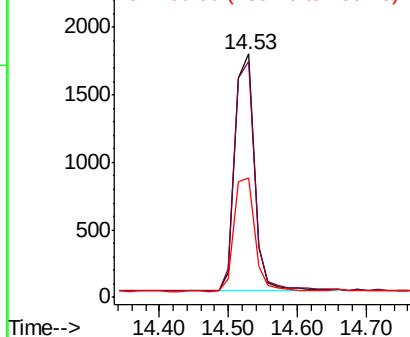


Abundance

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: 0.386 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

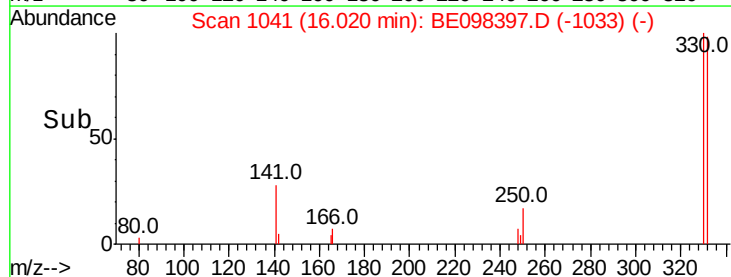
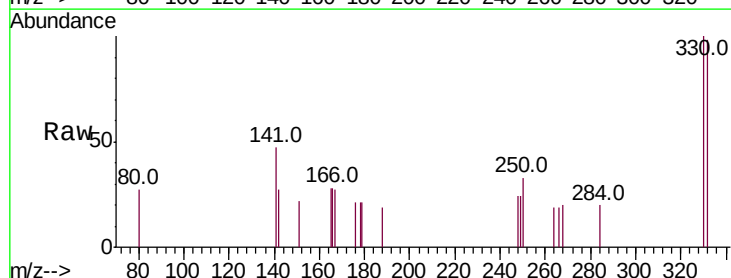
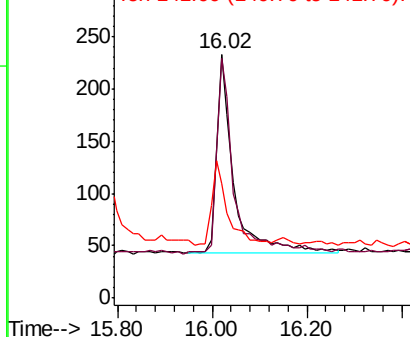
Tgt Ion:	330	Resp:	488
Ion Ratio	Lower	Upper	
330	100		
332	92.0	76.2	114.4
141	38.1	39.0	58.4#

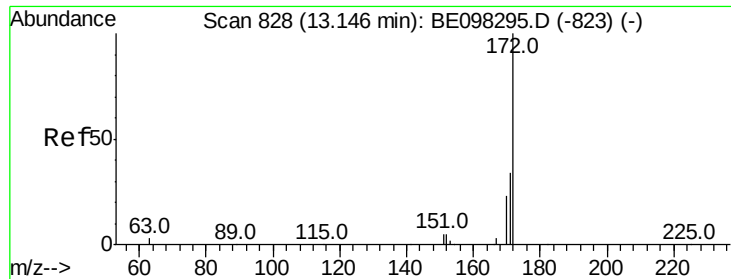
Abundance

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





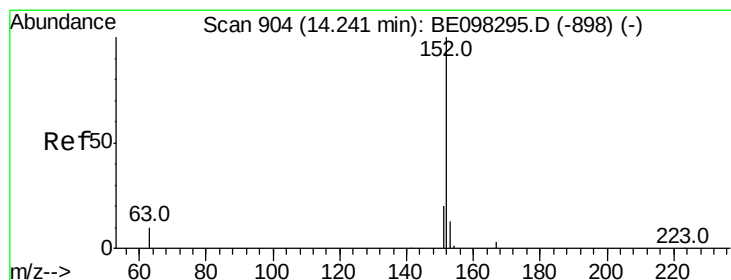
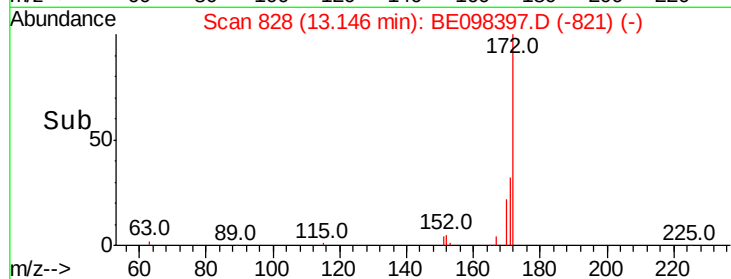
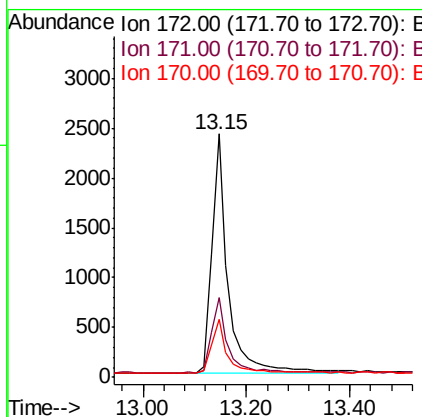
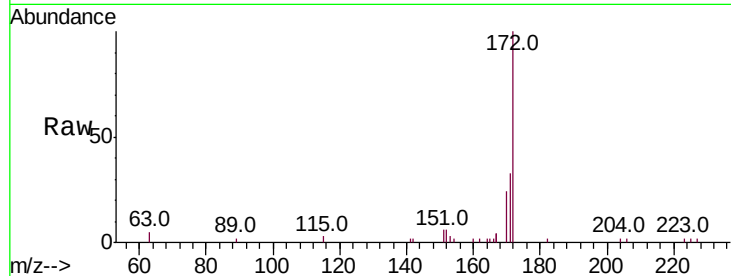
#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.0	27.5	41.3
170	23.8	19.6	29.4

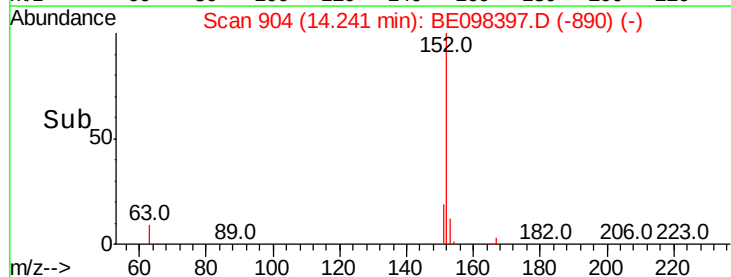
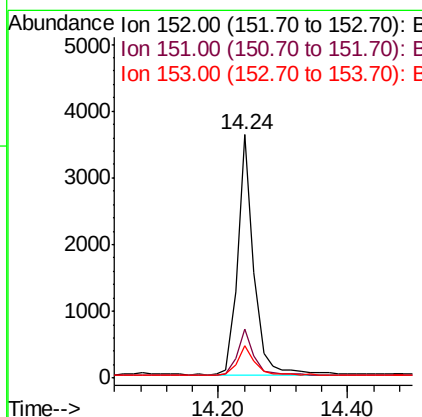
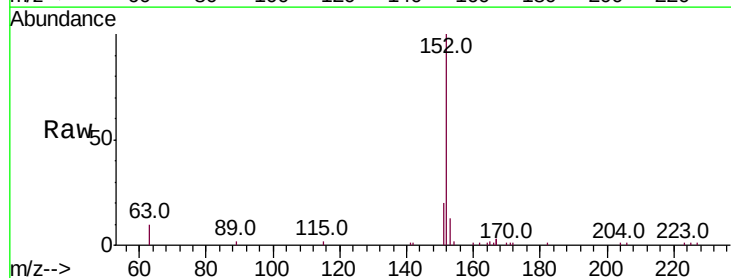
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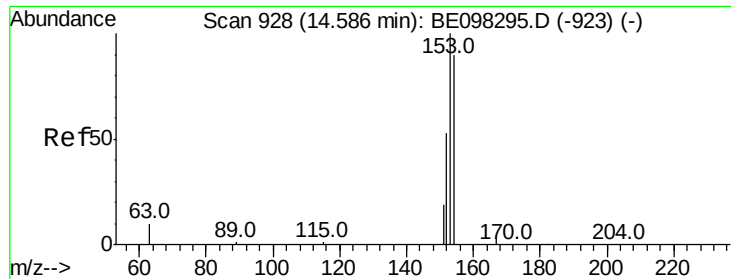
Sohil
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#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	12.9	10.6	16.0





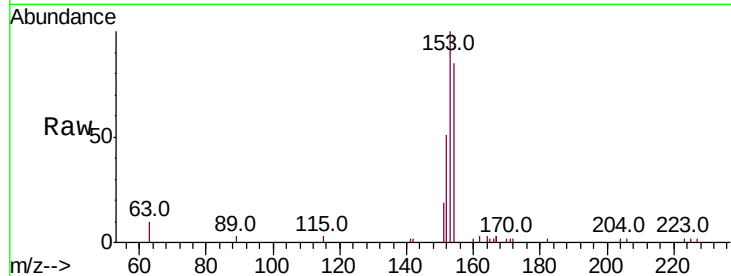
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

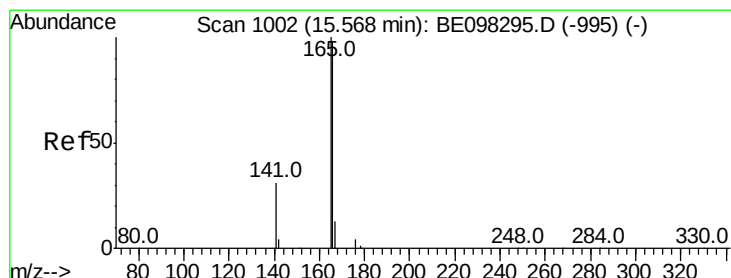
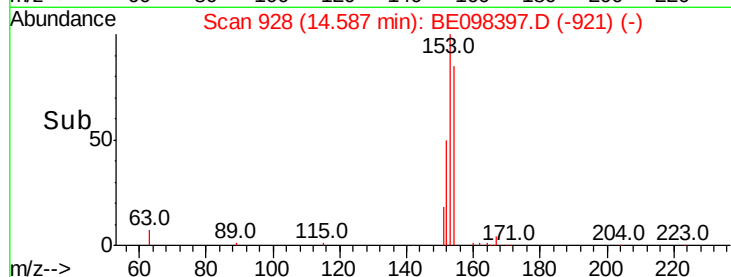
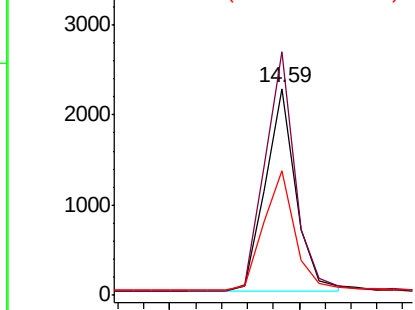
Tot Ion	Ratio	Lower	Upper
154	100		
153	116.9	91.8	137.6
152	60.8	45.5	68.3

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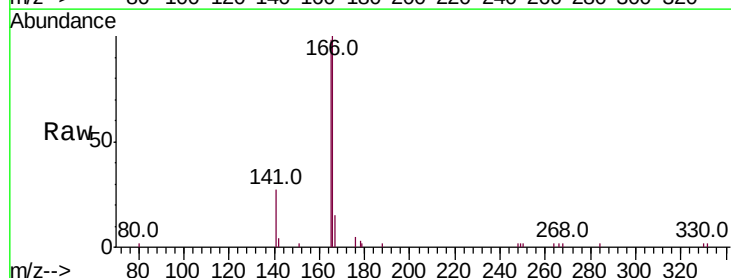


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

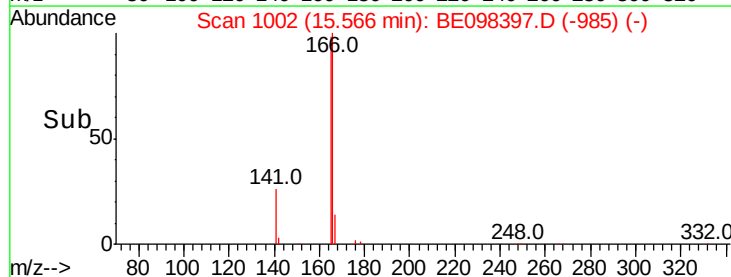
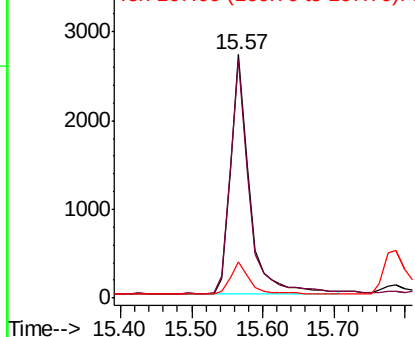


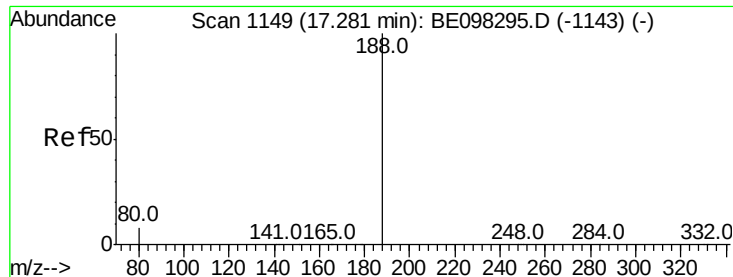
#18
Fluorene
Concen: 0.383 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.3	118.9
167	13.4	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: BE098397.D

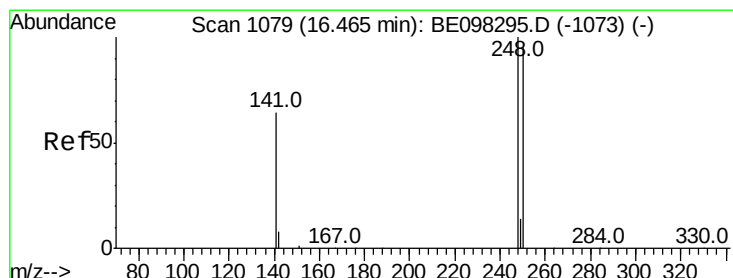
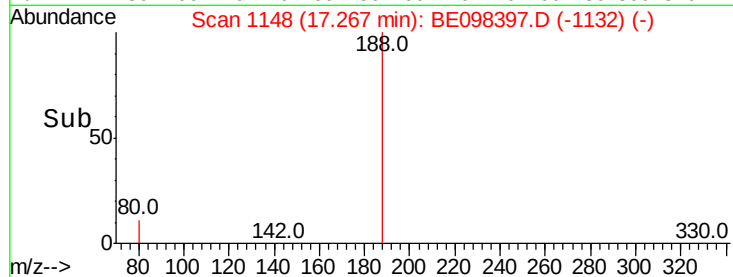
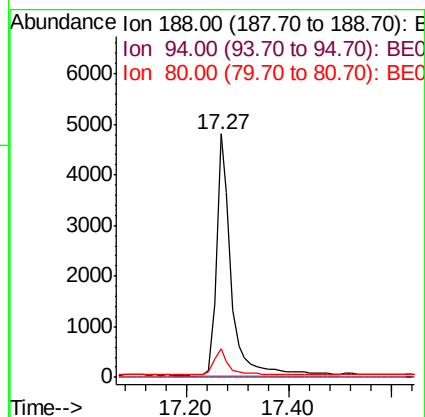
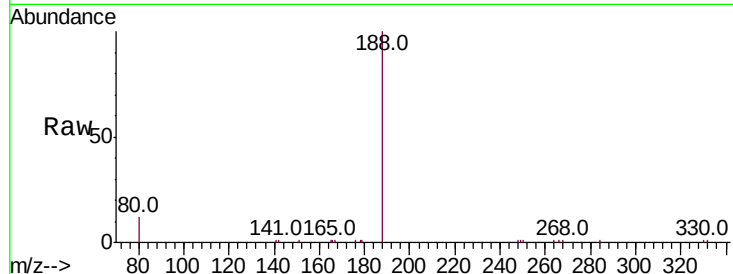
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	7.2	10.8

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#20

4-Bromophenyl-phenylether

Concen: 0.341 ng

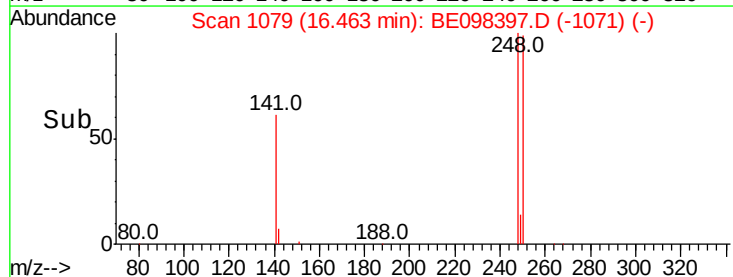
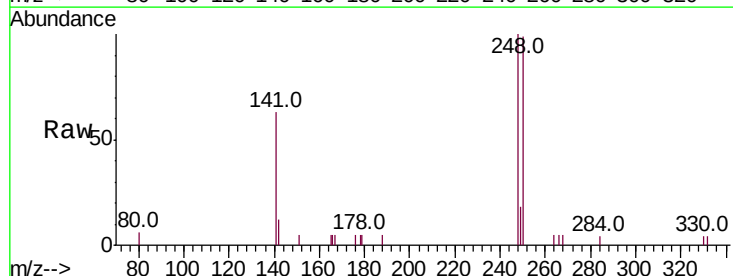
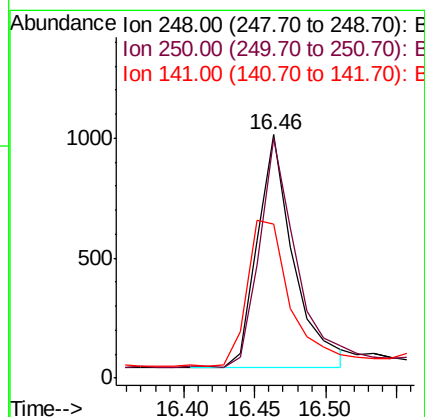
RT: 16.46 min Scan# 1079

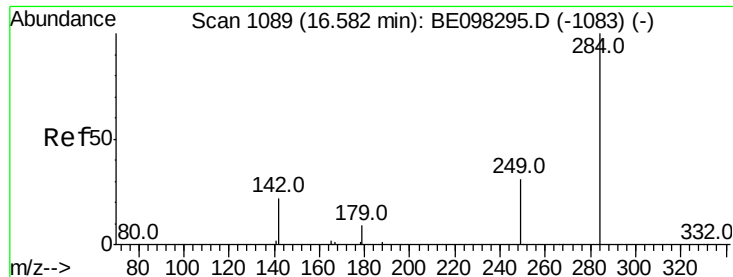
Delta R.T. -0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	98.7	71.0	106.6
141	63.1	62.1	93.1





#21

Hexachlorobenzene

Concen: 0.383 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

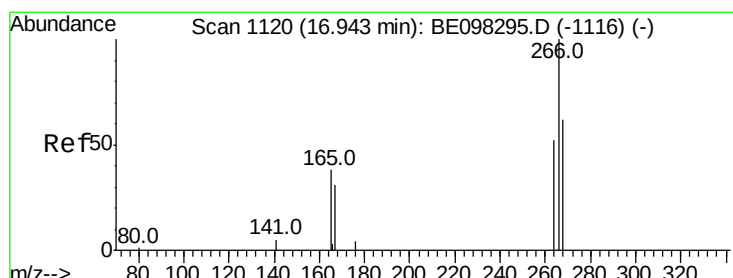
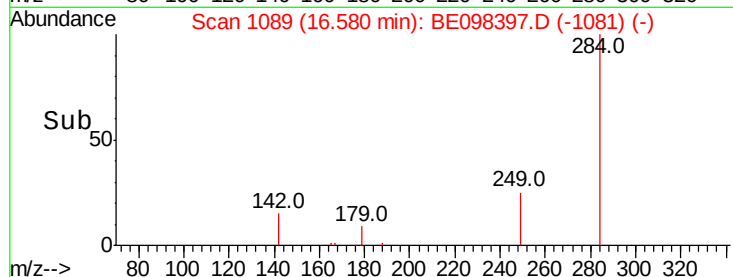
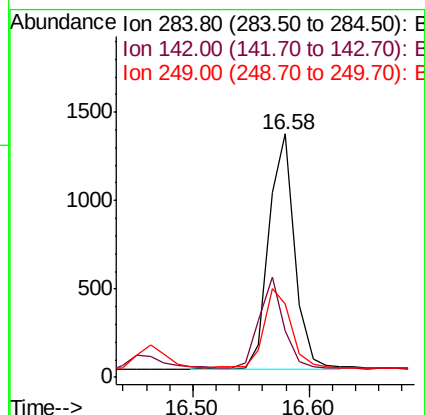
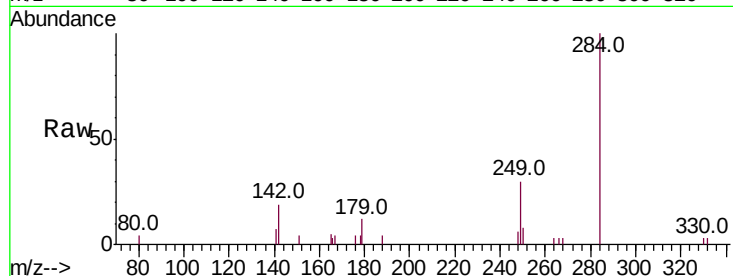
ClientSampleId :

SSTDCCC0.4

Tot Ion:	284	Resp:	2066
Ion Ratio	Lower	Upper	
284	100		
142	36.2	26.3	39.5
249	35.0	26.0	39.0

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#22

Pentachlorophenol

Concen: 0.318 ng

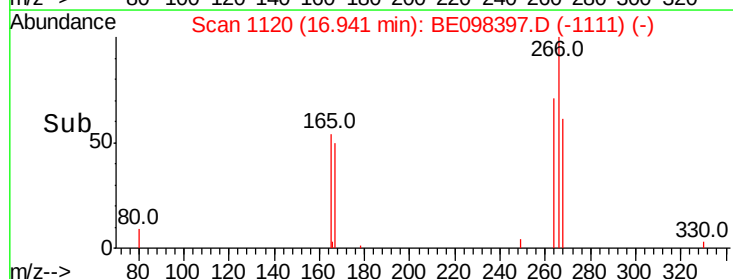
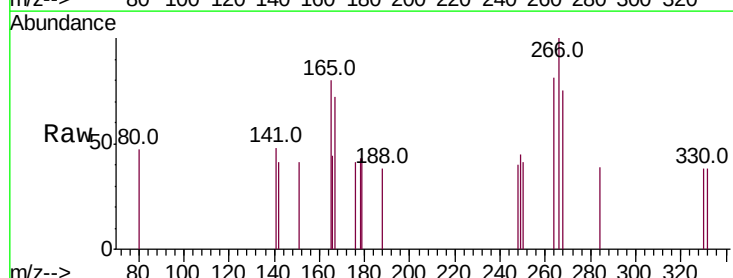
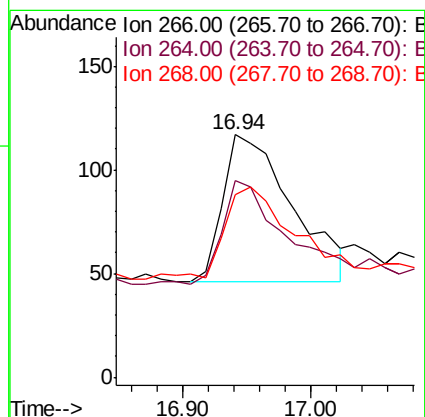
RT: 16.94 min Scan# 1120

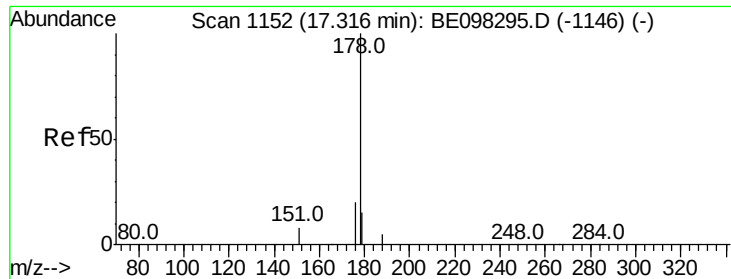
Delta R.T. -0.00 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Tgt Ion:	266	Resp:	267
Ion Ratio	Lower	Upper	
266	100		
264	81.2	59.0	88.4
268	75.2	55.1	82.7





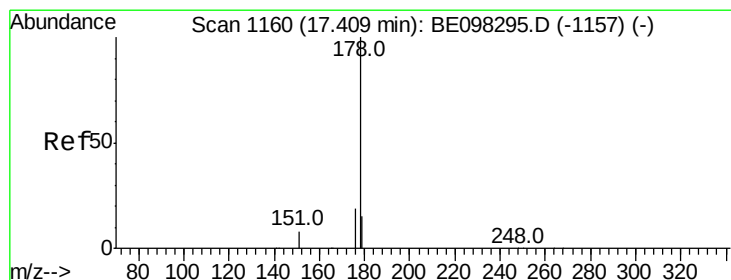
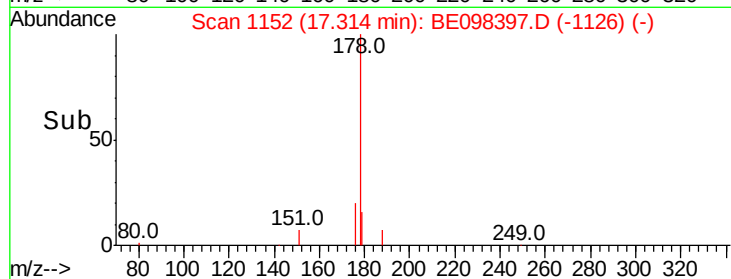
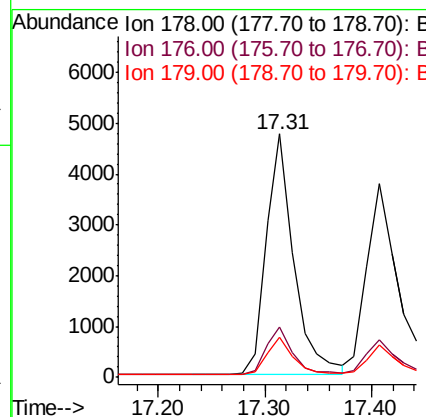
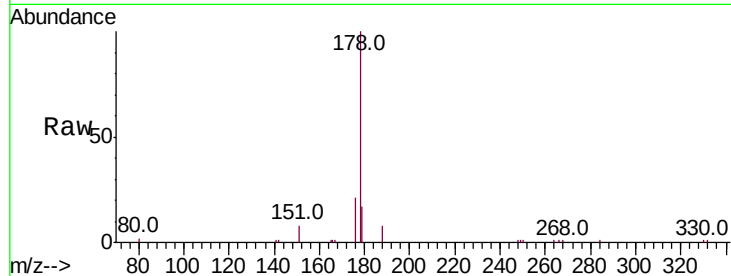
#23
Phenanthrene
Concen: 0.378 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.4	12.3	18.5

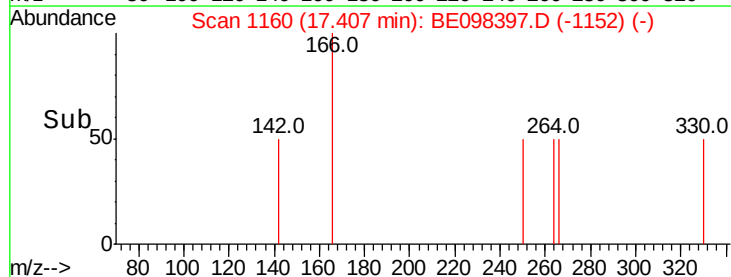
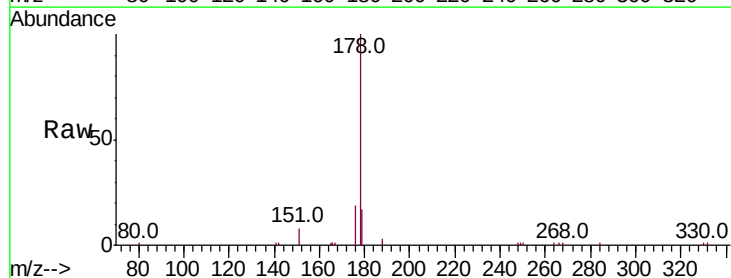
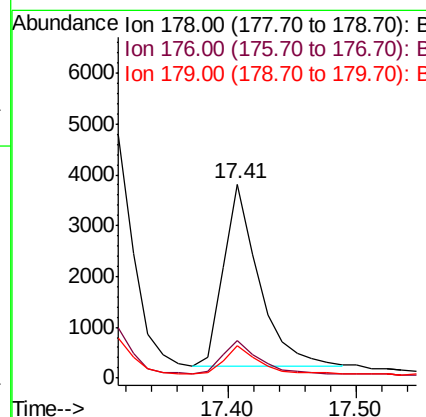
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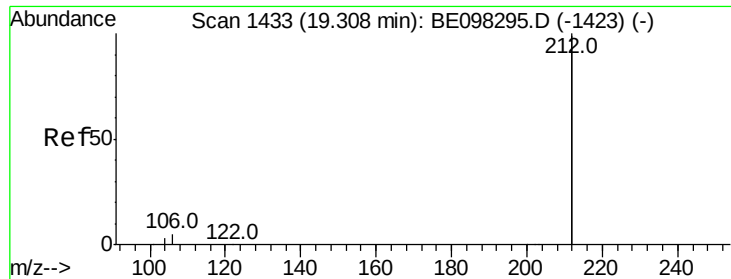
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#24
Anthracene
Concen: 0.340 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	14.9	12.3	18.5





#25

Fluoranthene-d10

Concen: 0.396 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

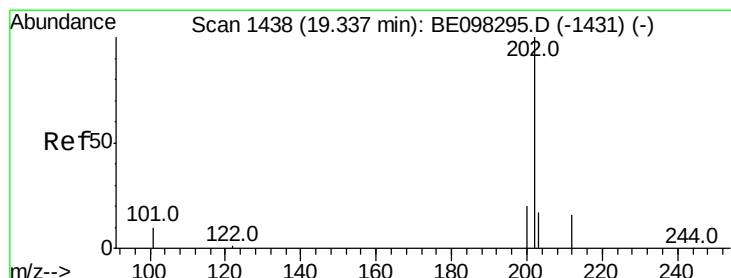
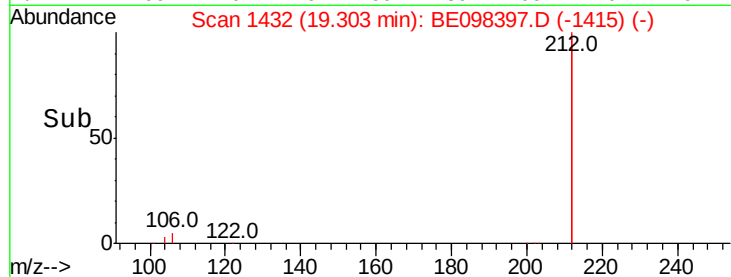
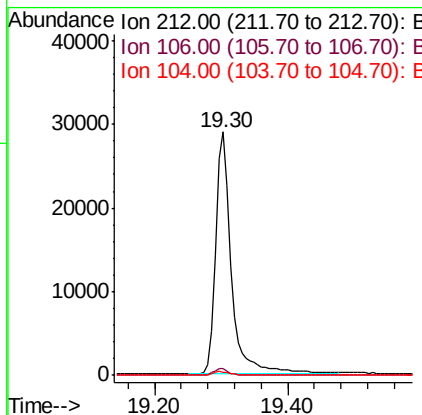
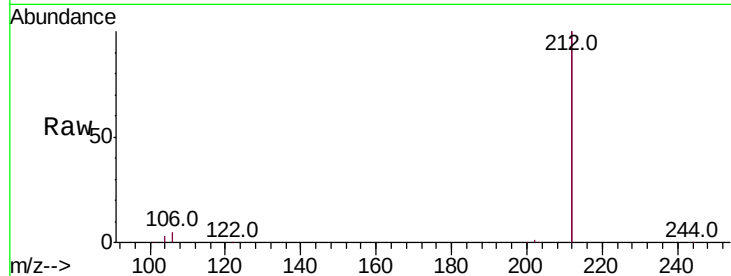
ClientSampleId :

SSTDCCC0.4

Tot Ion:	212	Resp:	47337
Ion Ratio	Lower	Upper	
212	100		
106	2.5	2.2	3.2
104	1.5	1.3	1.9

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#26

Fluoranthene

Concen: 0.402 ng

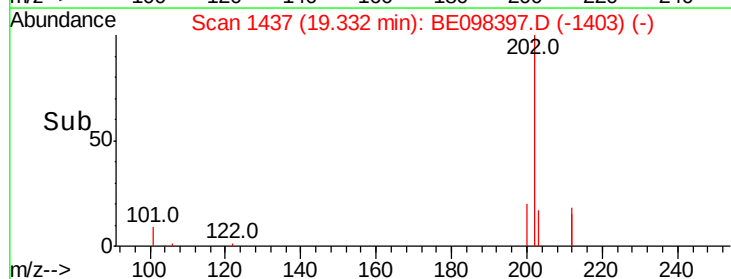
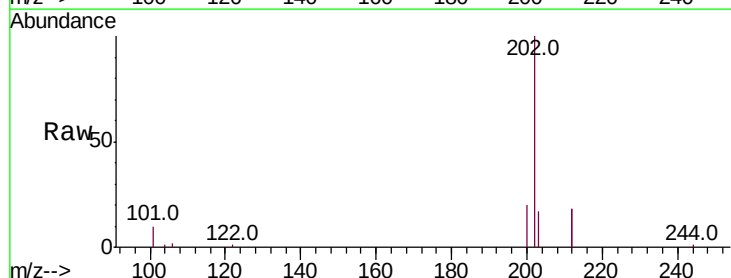
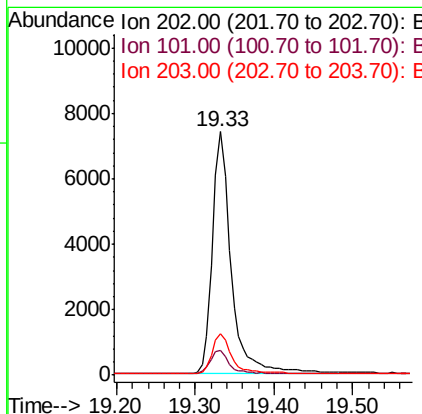
RT: 19.33 min Scan# 1437

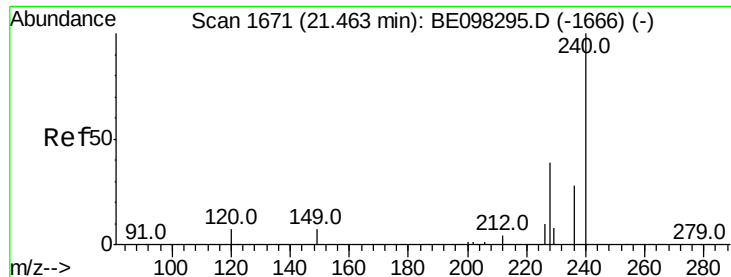
Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Tgt Ion:	202	Resp:	12072
Ion Ratio	Lower	Upper	
202	100		
101	9.7	8.0	12.0
203	16.6	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: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

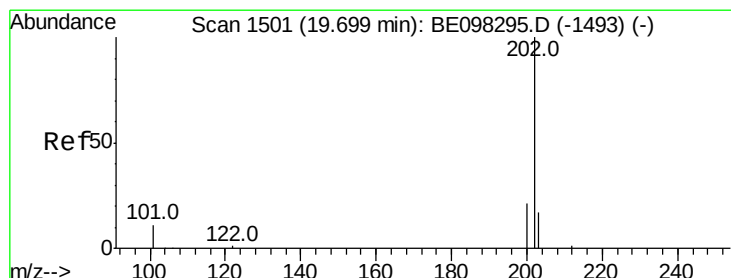
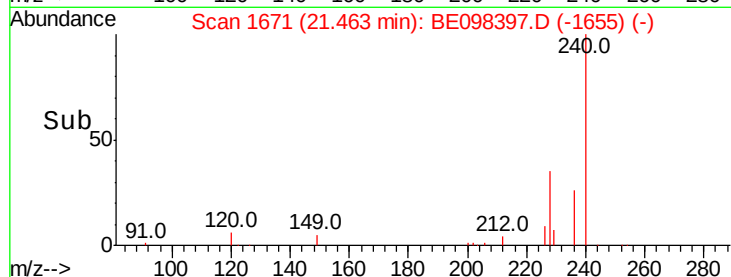
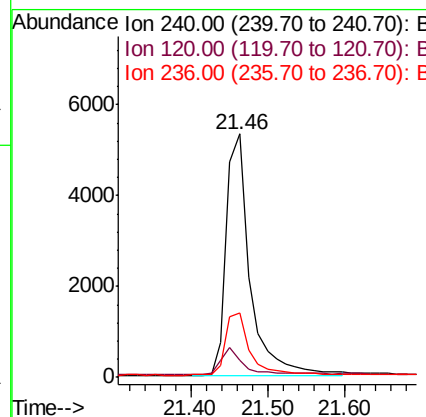
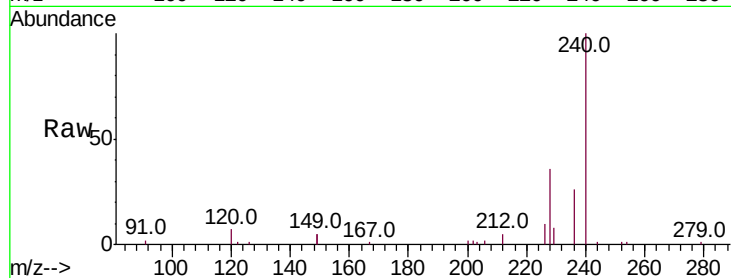
ClientSampleId :

SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.3	9.5	14.3#
236	26.4	22.7	34.1

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#28

Pyrene

Concen: 0.345 ng

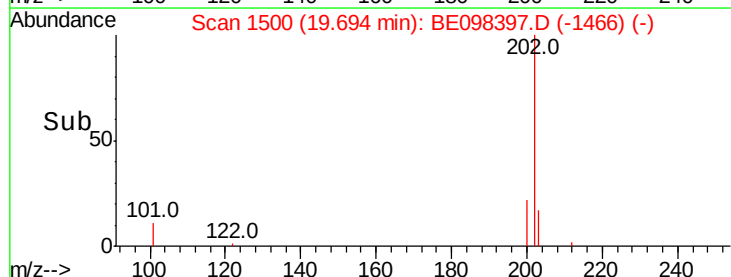
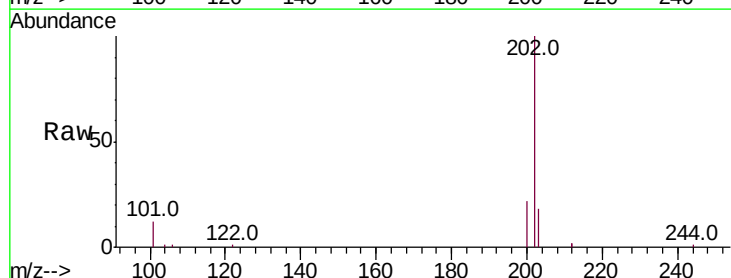
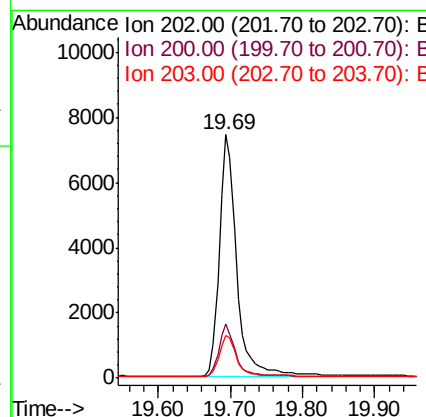
RT: 19.69 min Scan# 1500

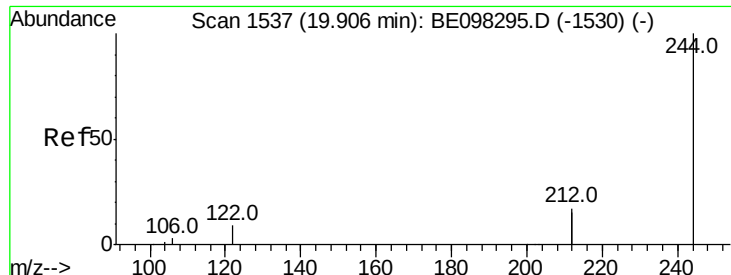
Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.7	14.1	21.1





#29

Terphenyl-d14

Concen: 0.316 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

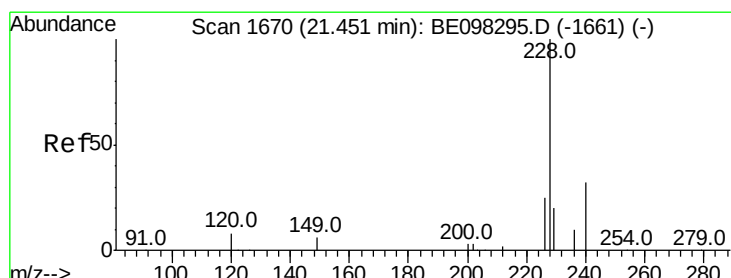
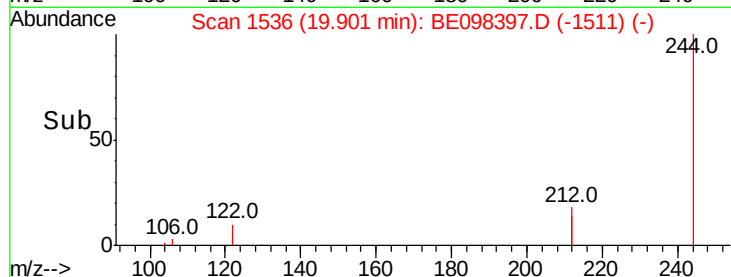
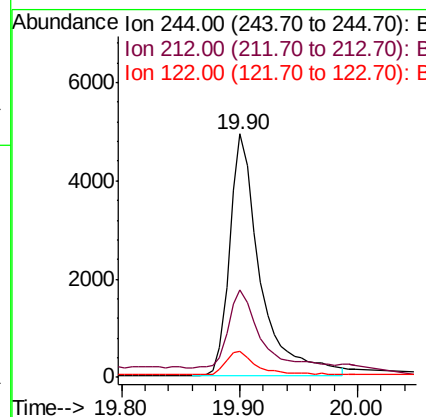
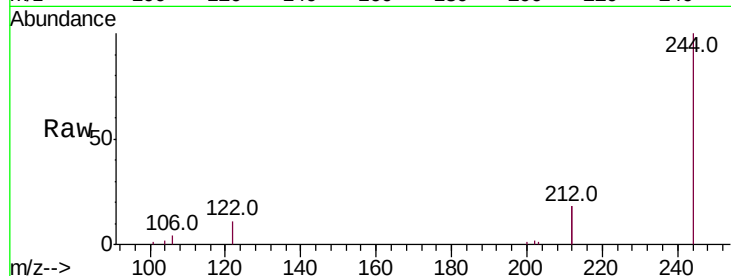
ClientSampleId :

SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
244	100		
212	36.0	27.4	41.0
122	10.7	8.3	12.5

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#30

Benzo(a)anthracene

Concen: 0.361 ng

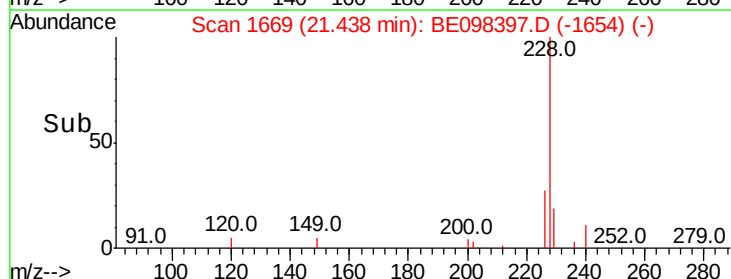
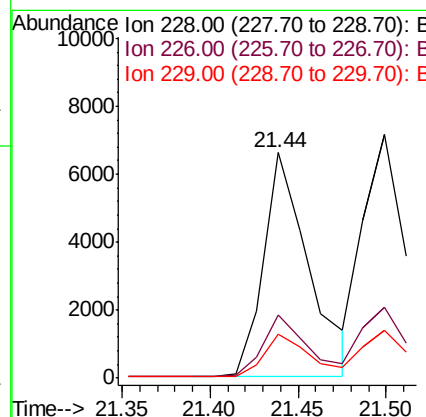
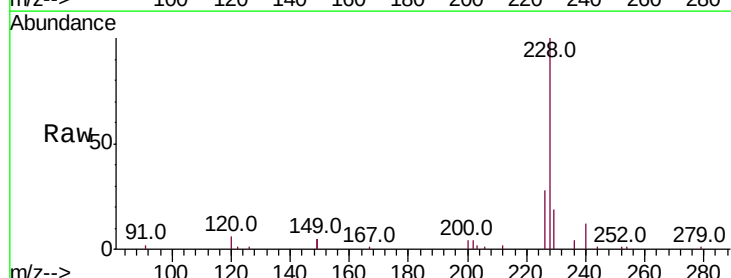
RT: 21.44 min Scan# 1669

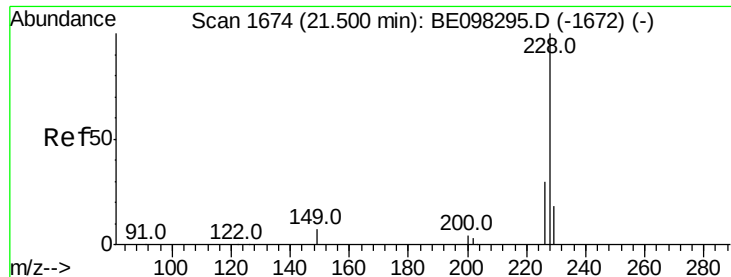
Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	19.3	16.3	24.5





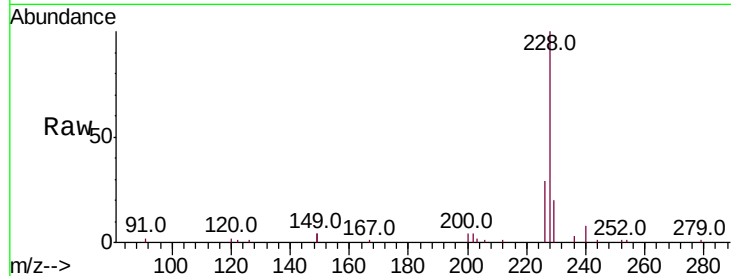
#31
 Chrysene
 Concen: 0.372 ng
 RT: 21.50 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BE098397.D
 Acq: 13 Dec 2018 15:16

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.0
229	19.8	16.2	24.4

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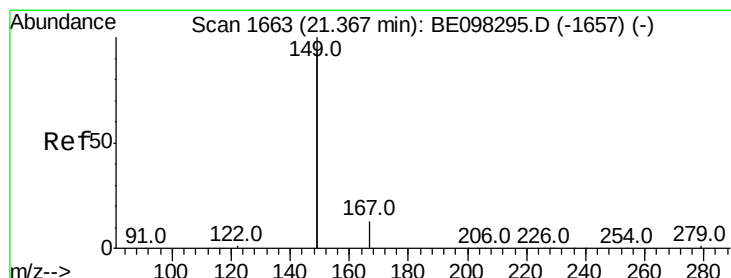
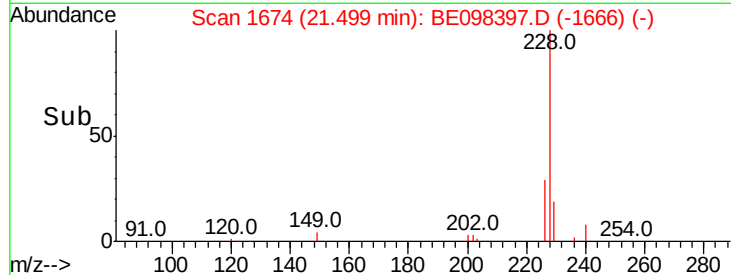
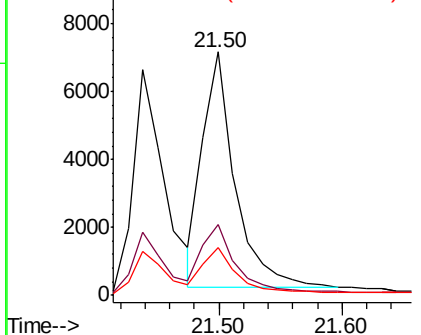


Abundance

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



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.302 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098397.D
 Acq: 13 Dec 2018 15:16

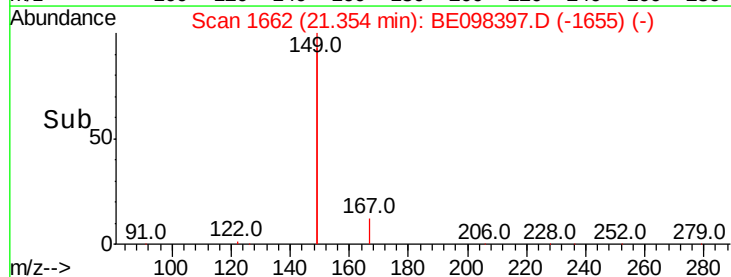
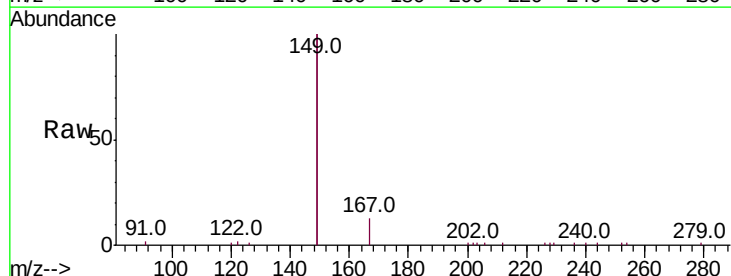
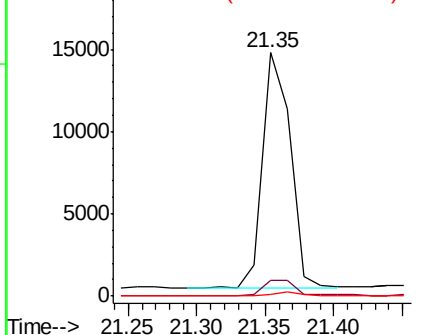
Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.7	8.5
279	1.1	1.0	1.4

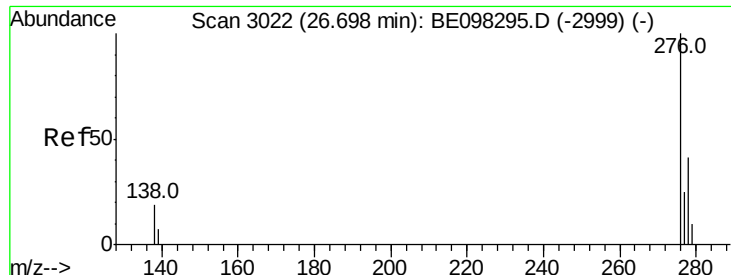
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





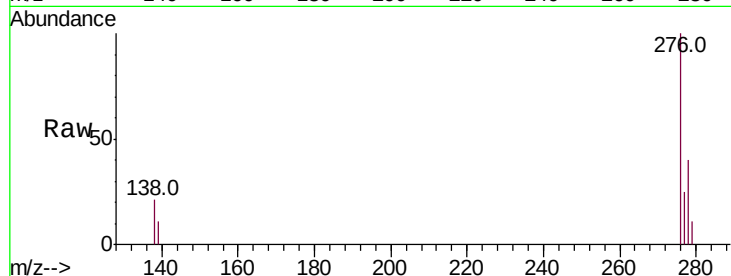
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.386 ng
 RT: 26.68 min Scan# 3018
 Delta R.T. -0.01 min
 Lab File: BE098397.D
 Acq: 13 Dec 2018 15:16

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

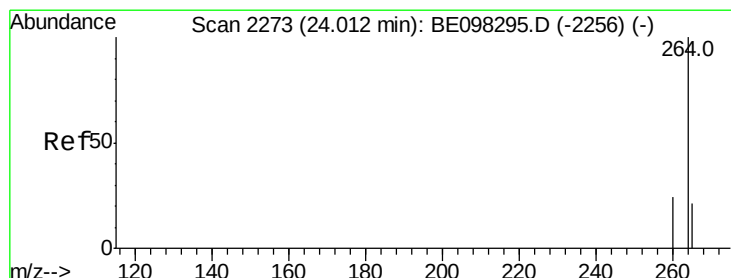
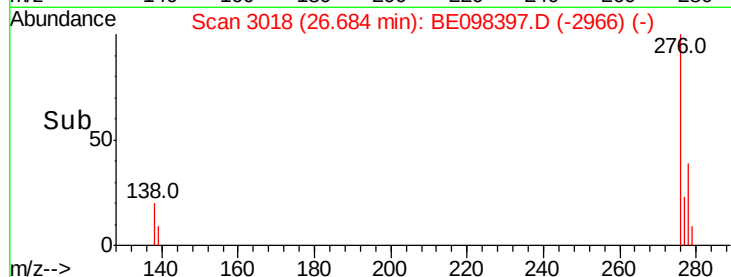
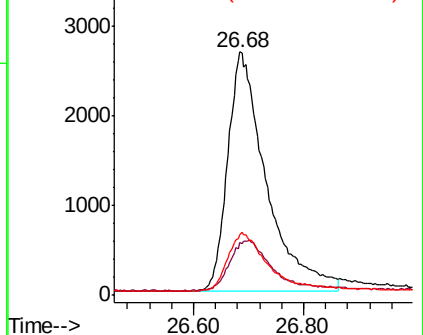
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.5	16.3	24.5
277	24.5	20.2	30.4

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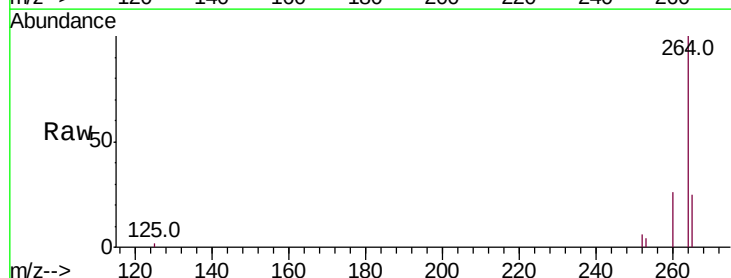


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

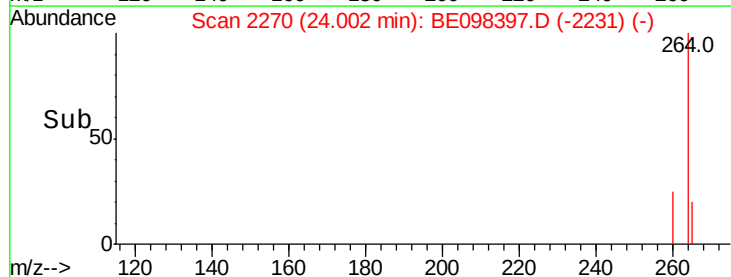
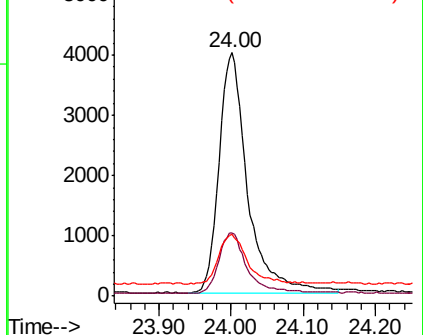


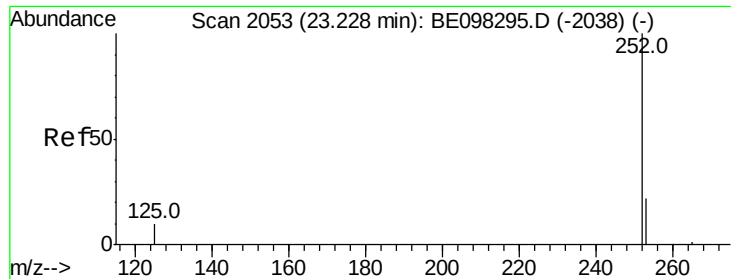
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BE098397.D
 Acq: 13 Dec 2018 15:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.2	30.2
265	25.4	25.2	37.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.380 ng/mL

RT: 23.22 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

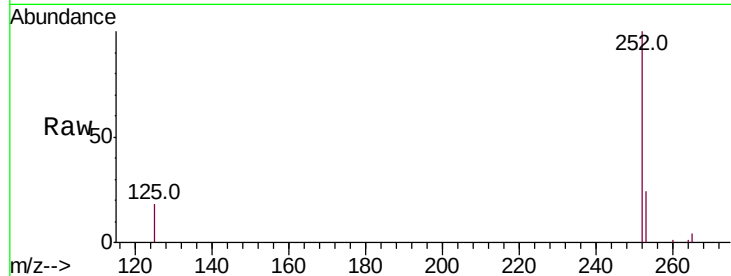
ClientSampleId :

SSTDCCC0.4

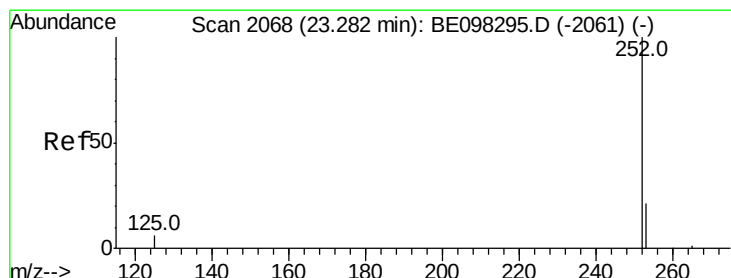
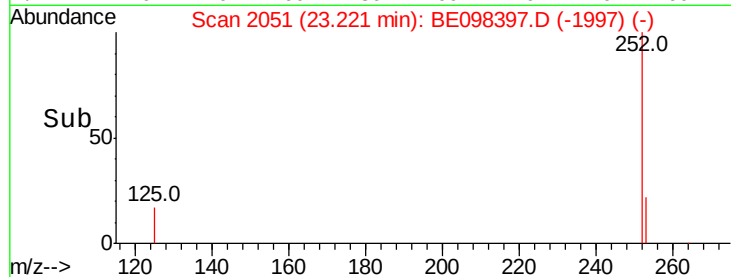
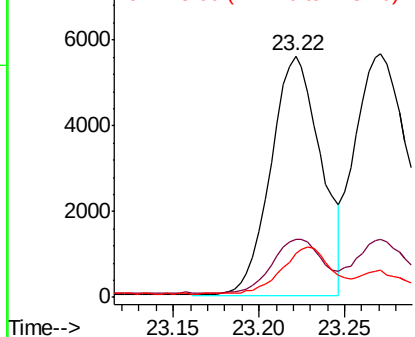
Tot Ion:	252	Resp:	11330
Ion Ratio	Lower	Upper	
252	100		
253	24.1	20.0	30.0
125	18.3	9.6	14.4

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



#36

Benzo(k)fluoranthene

Concen: 0.405 ng/mL

RT: 23.27 min Scan# 2065

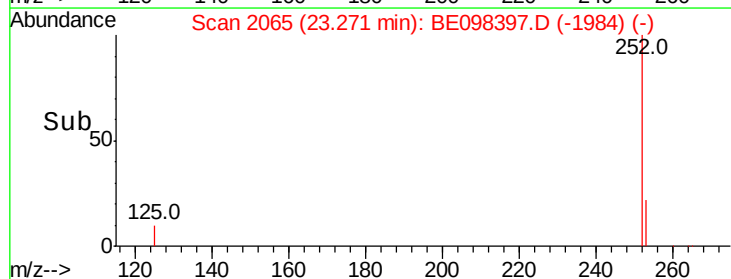
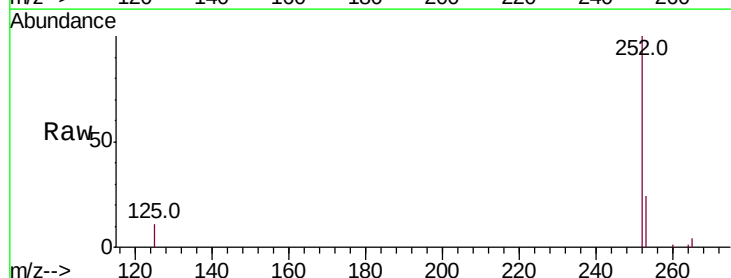
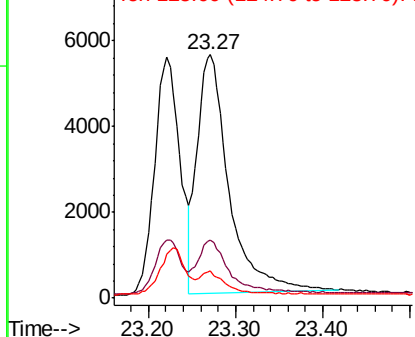
Delta R.T. -0.01 min

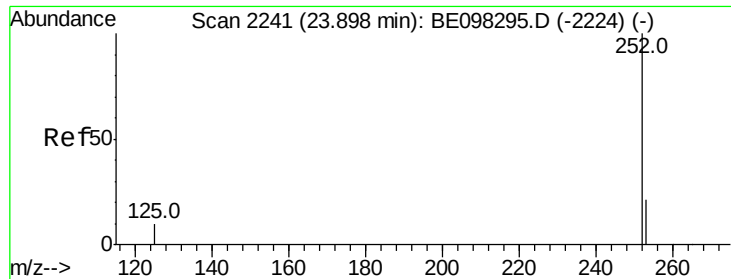
Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Tgt Ion:	252	Resp:	14055
Ion Ratio	Lower	Upper	
252	100		
253	23.6	19.0	28.6
125	11.0	9.1	13.7

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





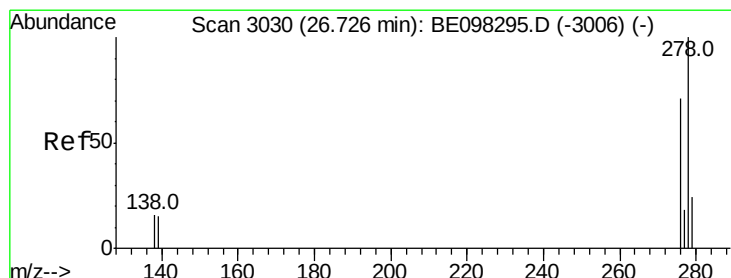
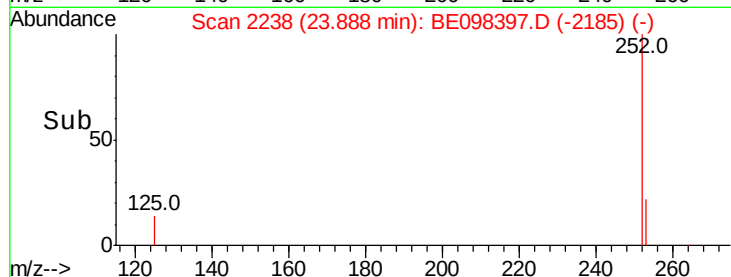
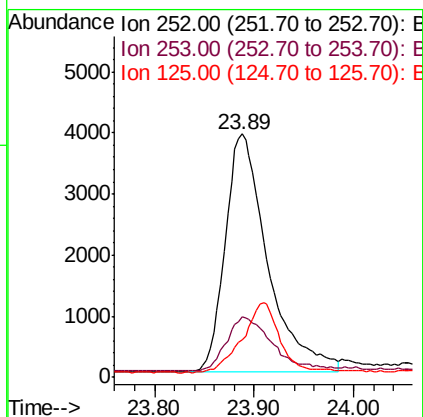
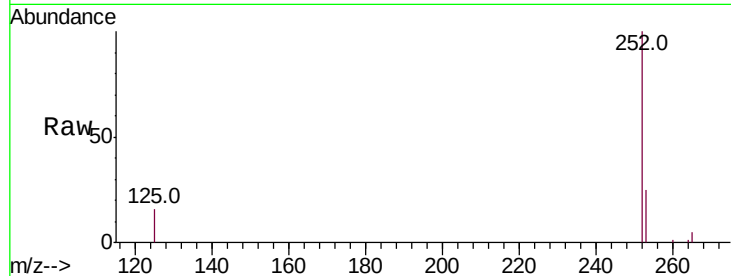
#37
Benzo(a)pyrene
Concen: 0.375 ng
RT: 23.89 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.6	30.8
125	15.5	10.5	15.7

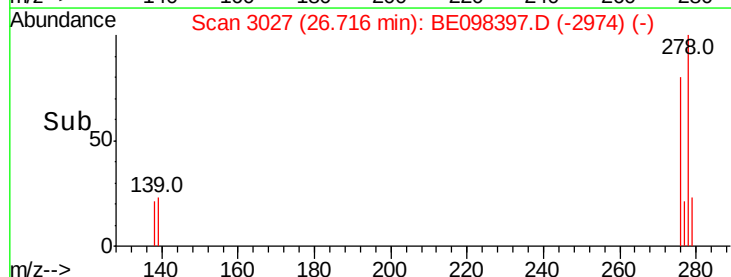
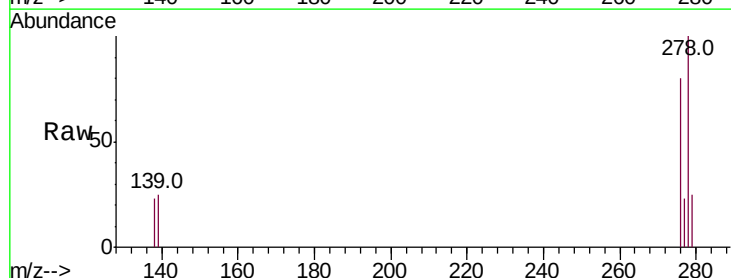
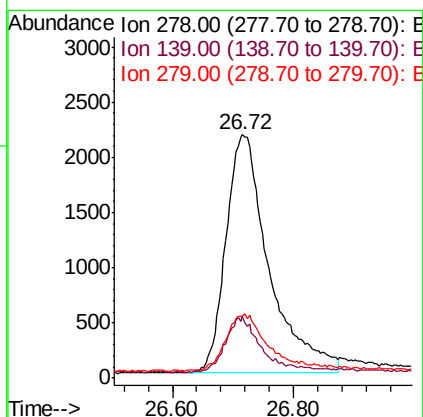
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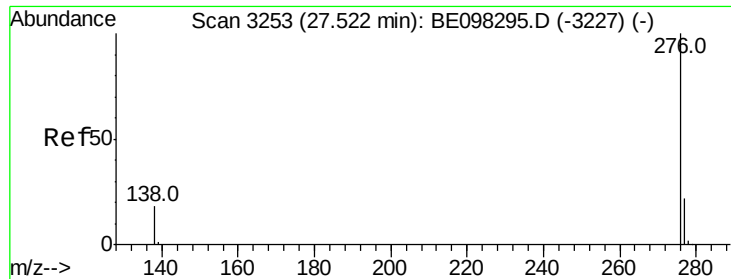
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#38
Dibenzo(a,h)anthracene
Concen: 0.369 ng
RT: 26.72 min Scan# 3027
Delta R.T. -0.01 min
Lab File: BE098397.D
Acq: 13 Dec 2018 15:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.2	14.5	21.7#
279	25.3	21.8	32.8





#39

Benzo(a,h,i)perylene

Concen: 0.373 ng

RT: 27.52 min Scan# 3251

Delta R.T. -0.01 min

Lab File: BE098397.D

Acq: 13 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:	276	Resp:	10894
Ion Ratio	Lower	Upper	
276	100		
277	25.1	20.8	31.2
138	20.2	15.8	23.6

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