

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011819\
 Data File : BE098666.D
 Acq On : 18 Jan 2019 11:02
 Operator : SJ/JU
 Sample : K1174-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RD-1MSD

Manual Integrations
 APPROVED

Sohil
 1/21/2019 1:59:39 PM

Quant Time: Jan 18 11:49:33 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jan 15 14:30:55 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	861	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3593	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2296	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	5632	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6681	0.40	ng	-0.01
34) Perylene-d12	23.92	264	6541	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.40	112	414	0.18	ng	0.00
5) Phenol-d6	6.99	99	395	0.12	ng	0.00
8) Nitrobenzene-d5	8.97	82	1055	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2383m	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	402	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4241	0.45	ng	0.00
25) Fluoranthene-d10	19.25	212	28365	0.41	ng	0.00
29) Terphenyl-d14	19.86	244	5682	0.38	ng	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.31	88	588	0.365 ng	# 84
3) n-Nitrosodimethylamine	3.65	42	300	0.292 ng	# 87
6) bis(2-Chloroethyl)ether	7.23	93	842	0.341 ng	85
9) Naphthalene	10.65	128	13594	0.380 ng	100
10) Hexachlorobutadiene	10.94	225	838	0.327 ng	97
12) 2-Methylnaphthalene	12.28	142	2245	0.378 ng	90
16) Acenaphthylene	14.20	152	3856	0.388 ng	99
17) Acenaphthene	14.54	154	2294	0.368 ng	97
18) Fluorene	15.51	166	3304	0.407 ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1094	0.367 ng	90
21) Hexachlorobenzene	16.53	284	1205	0.335 ng	96
22) Pentachlorophenol	16.89	266	974	0.857 ng	94
23) Phenanthrene	17.27	178	5247	0.393 ng	100
24) Anthracene	17.36	178	4797	0.420 ng	100
26) Fluoranthene	19.29	202	7069	0.412 ng	99
28) Pyrene	19.65	202	7238	0.393 ng	98
30) Benzo(a)anthracene	21.39	228	7390	0.412 ng	97
31) Chrysene	21.45	228	7620	0.409 ng	98
32) Bis(2-ethylhexyl)phthalate	21.32	149	15663	0.411 ng	99
33) Indeno(1,2,3-cd)pyrene	26.56	276	7777	0.405 ng	98
35) Benzo(b)fluoranthene	23.15	252	7277	0.408 ng	98
36) Benzo(k)fluoranthene	23.20	252	7743	0.397 ng	99
37) Benzo(a)pyrene	23.81	252	7180	0.410 ng	99
38) Dibenzo(a,h)anthracene	26.59	278	6419	0.414 ng	99
39) Benzo(g,h,i)perylene	27.38	276	6765	0.398 ng	98

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

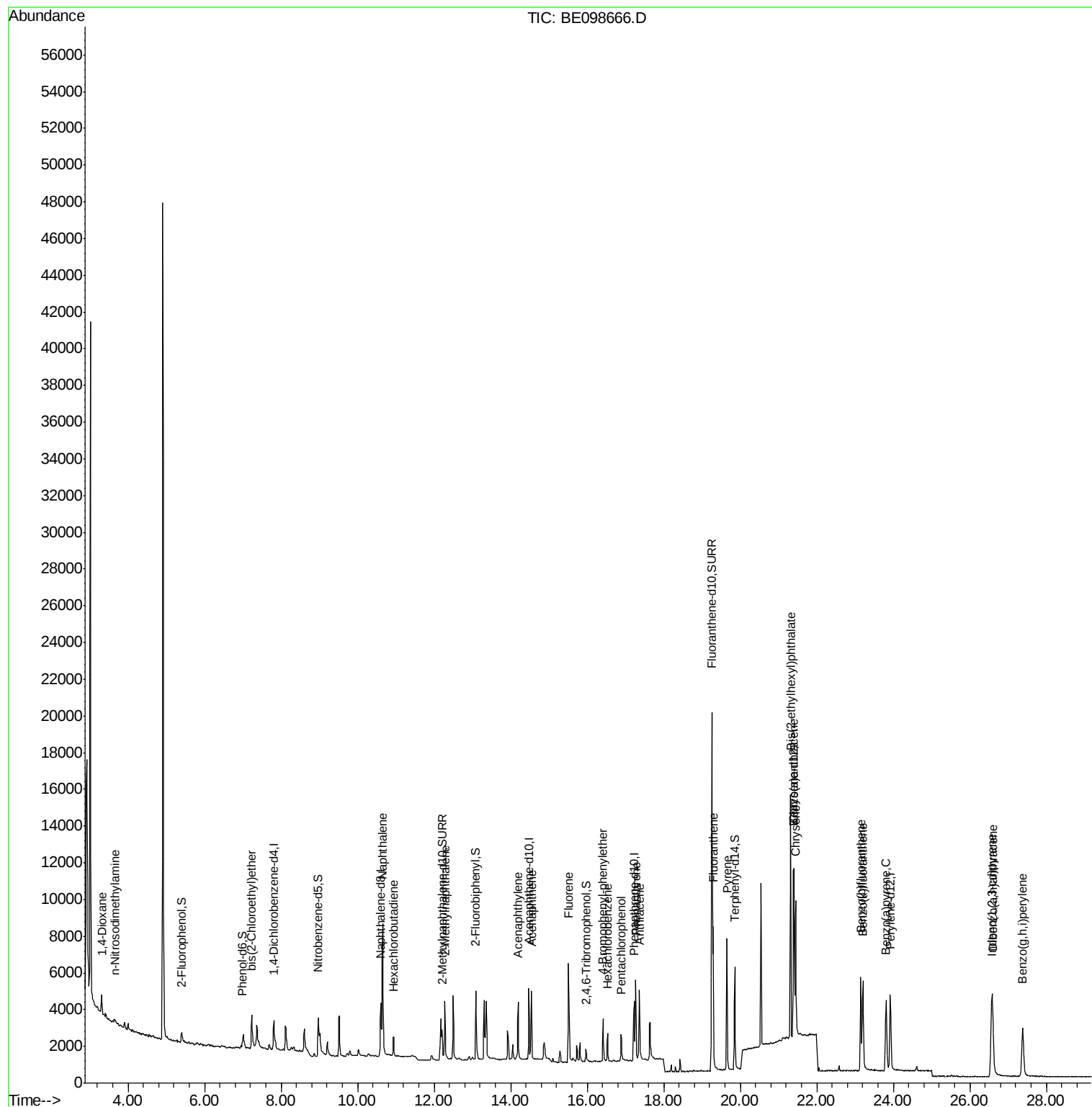
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011819\
Data File : BE098666.D
Acq On : 18 Jan 2019 11:02
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Sample : K1174-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

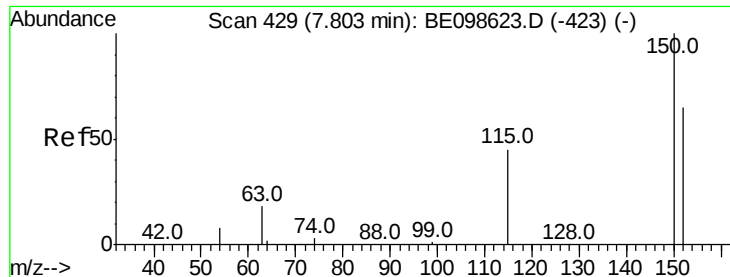
Instrument :
BNA_E
ClientSampleId :
RD-1MSD

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1/21/2019 1:59:39 PM

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QLast Update : Tue Jan 15 14:30:55 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE098666.D

Acq: 18 Jan 2019 11:02

Instrument :

BNA_E

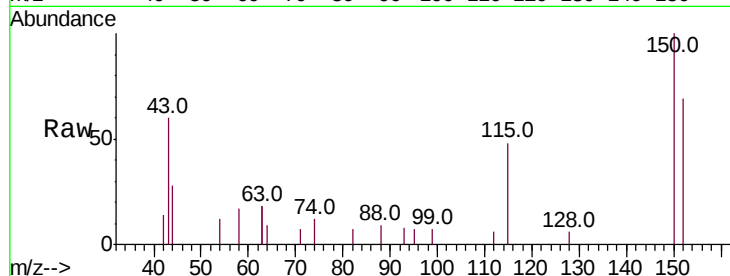
ClientSampled :

RD-1MSD

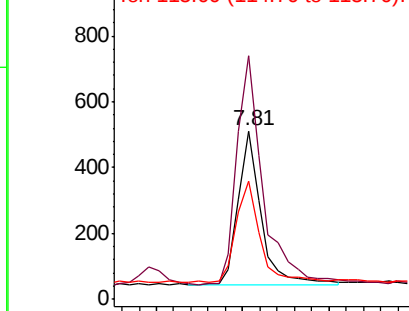
Tot Ion:	152	Resp:	861
Ion	Ratio	Lower	Upper
152	100		
150	144.3	121.4	182.2
115	69.9	59.1	88.7

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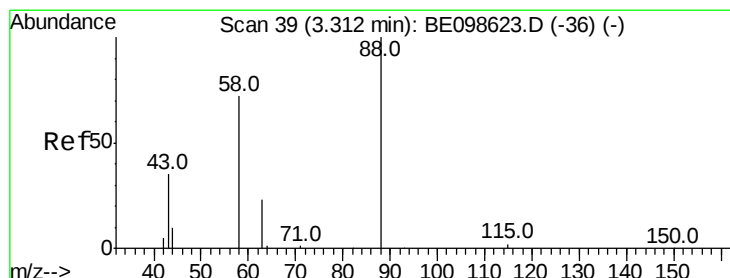
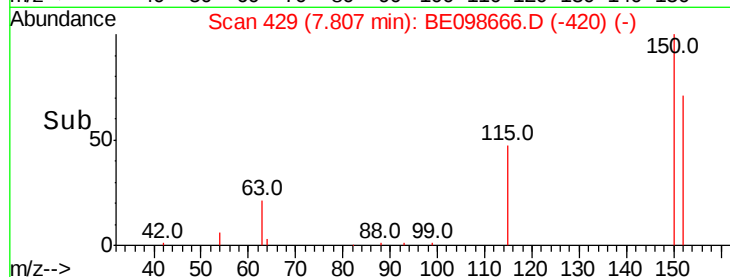
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 0.365 ng

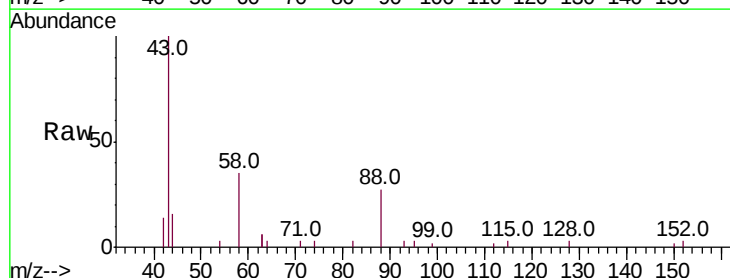
RT: 3.31 min Scan# 39

Delta R.T. 0.00 min

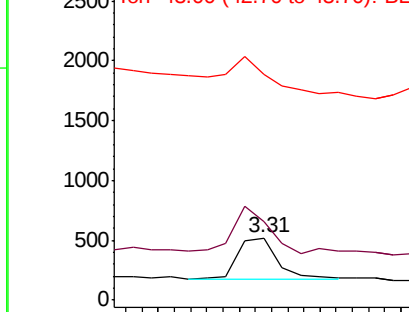
Lab File: BE098666.D

Acq: 18 Jan 2019 11:02

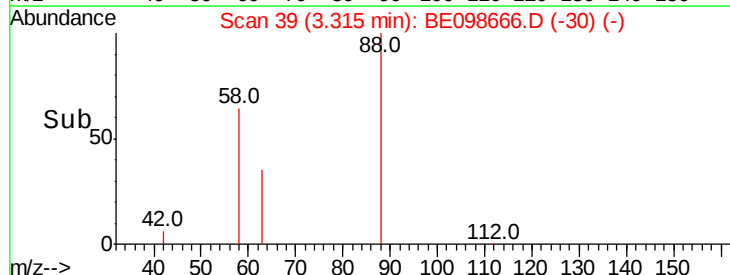
Tgt Ion:	88	Resp:	588
Ion	Ratio	Lower	Upper
88	100		
58	90.6	73.9	110.9
43	83.5	43.7	65.5#

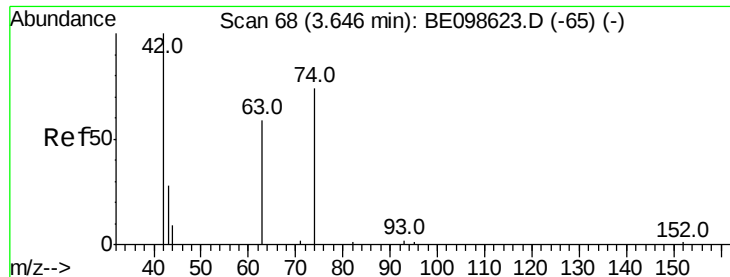


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





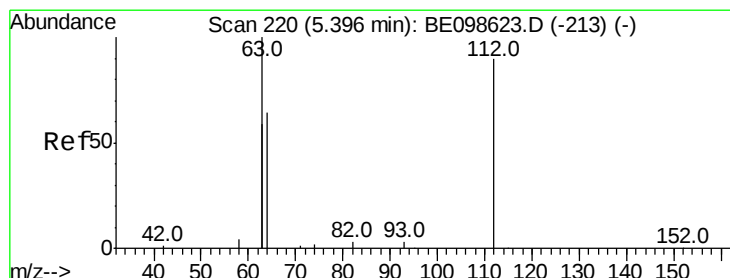
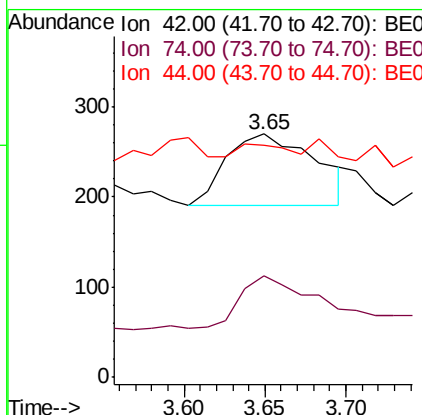
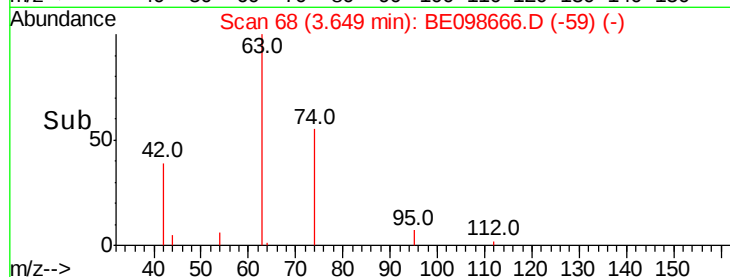
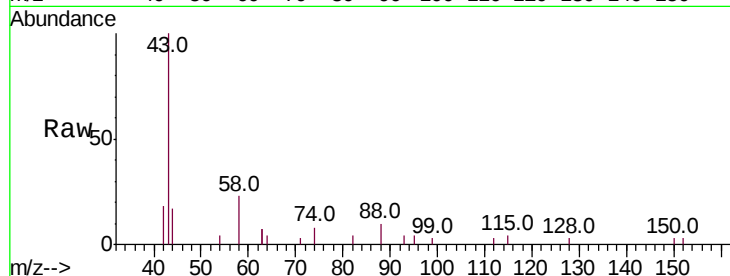
#3
n-Nitrosodimethylamine
Concen: 0.292 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE098666.D
Acq: 18 Jan 2019 11:02

Instrument :
BNA_E
ClientSampleId :
RD-1MSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	63.0	58.9	88.3
44	10.0	0.0	0.0#

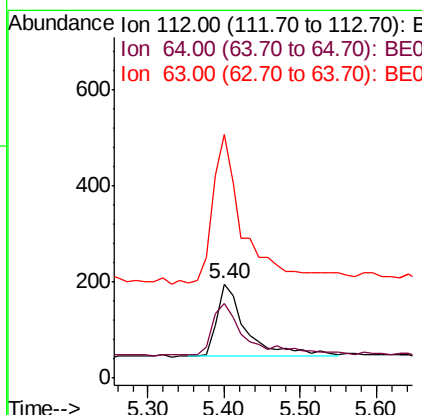
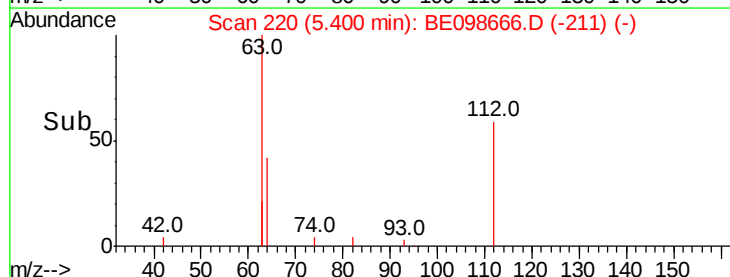
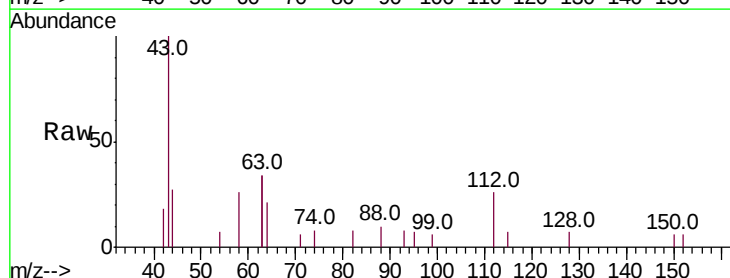
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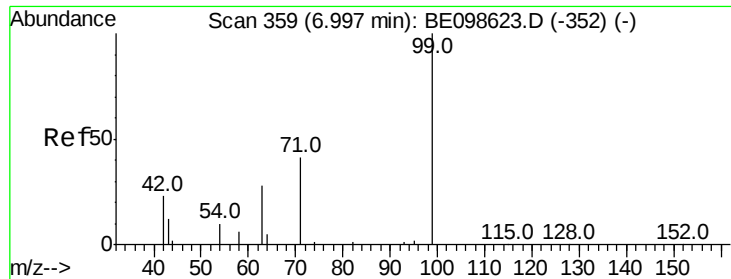
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#4
2-Fluorophenol
Concen: 0.180 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.00 min
Lab File: BE098666.D
Acq: 18 Jan 2019 11:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.4	62.9	94.3
63	218.4	152.2	228.4





#5

Phenol-d6

Concen: 0.121 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.01 min

Lab File: BE098666.D

Acq: 18 Jan 2019 11:02

Instrument :

BNA_E

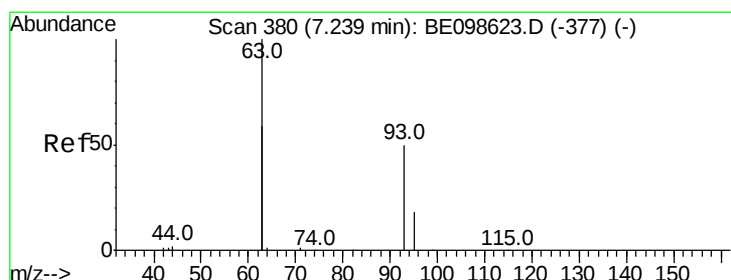
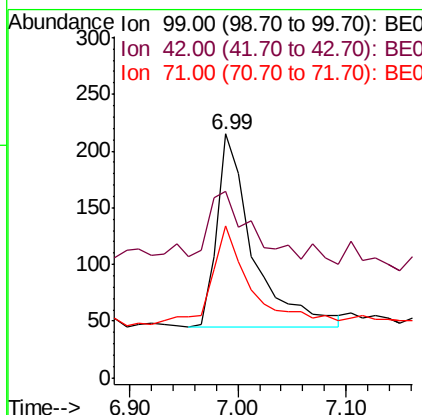
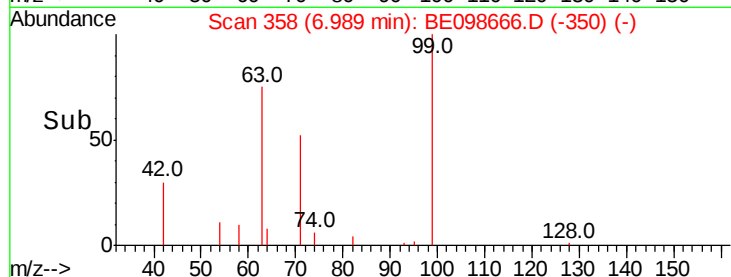
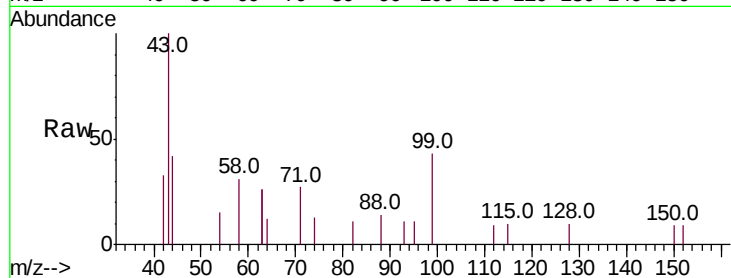
ClientSampled :

RD-1MSD

Tot Ion	99	Resp:	395
Ion	Ratio	Lower	Upper
99	100		
42	49.4	24.6	37.0#
71	55.2	35.1	52.7#

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.341 ng

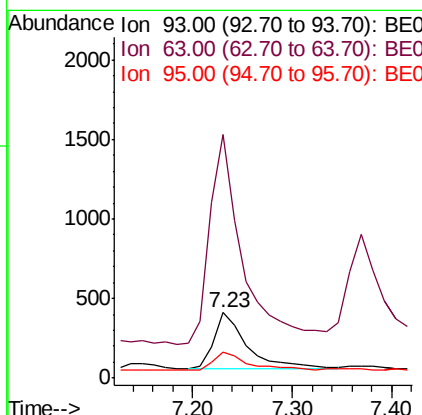
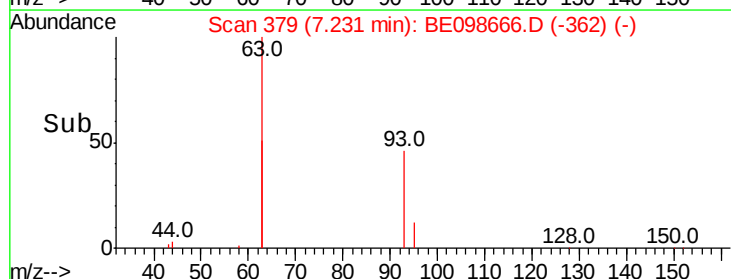
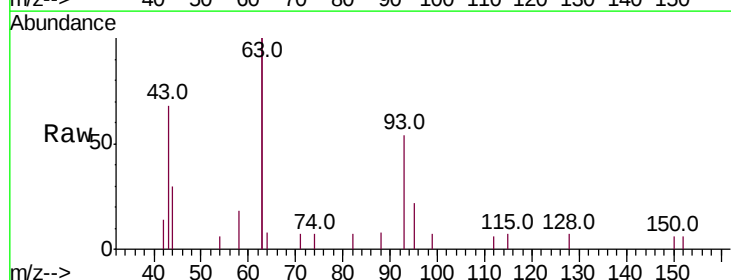
RT: 7.23 min Scan# 379

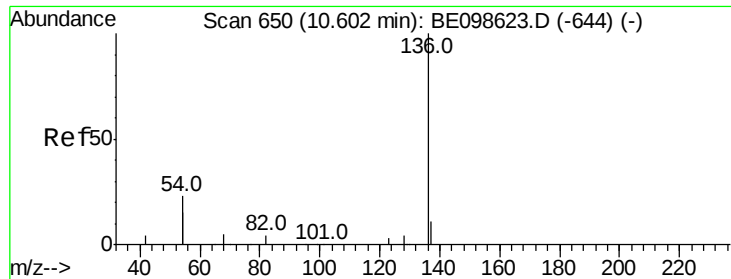
Delta R.T. -0.01 min

Lab File: BE098666.D

Acq: 18 Jan 2019 11:02

Tgt Ion	93	Resp:	842
Ion	Ratio	Lower	Upper
93	100		
63	369.1	267.3	400.9
95	32.2	26.2	39.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE098666.D

Acq: 18 Jan 2019 11:02

Instrument :

BNA_E

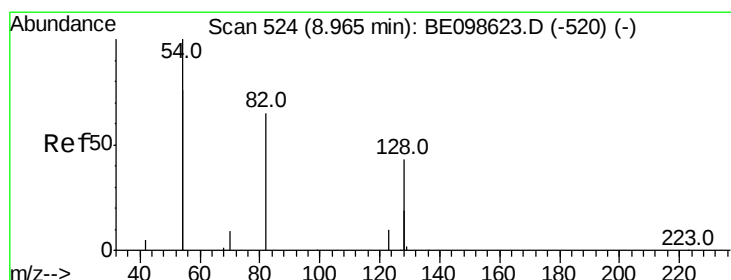
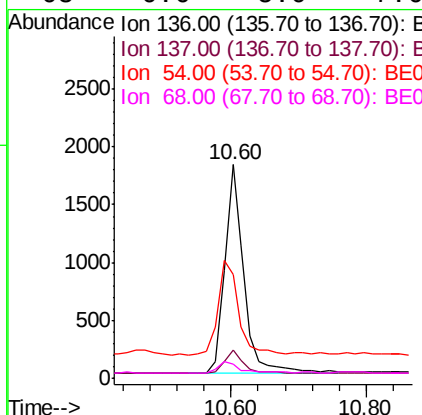
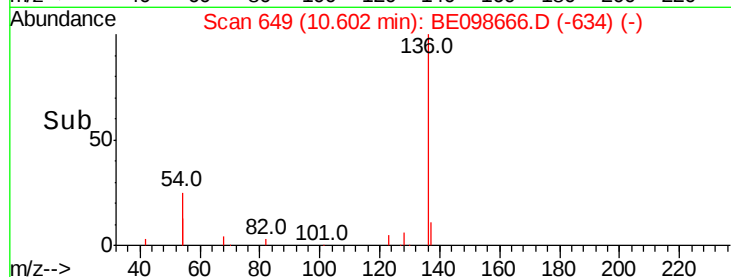
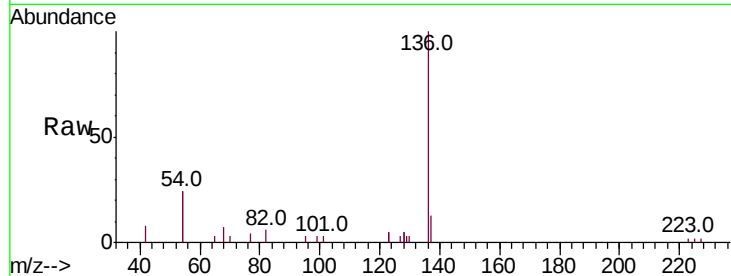
ClientSampled :

RD-1MSD

Tot Ion	136	Resp:	3593
Ion Ratio	Lower	Upper	
136	100		
137	13.2	9.7	14.5
54	48.4	35.5	53.3
68	6.6	5.0	7.6

Manual Integrations
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#8

Nitrobenzene-d5

Concen: 0.370 ng

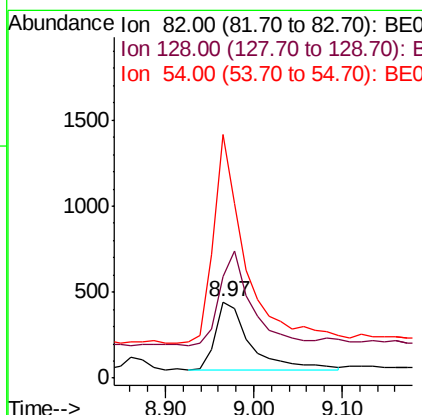
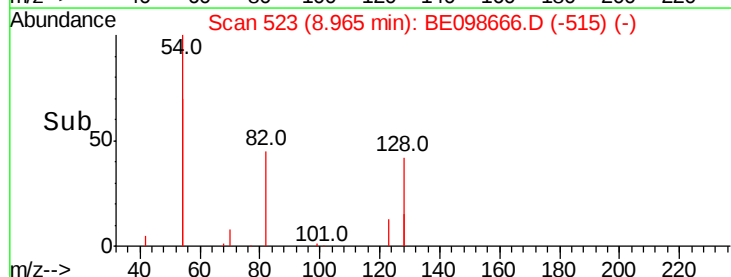
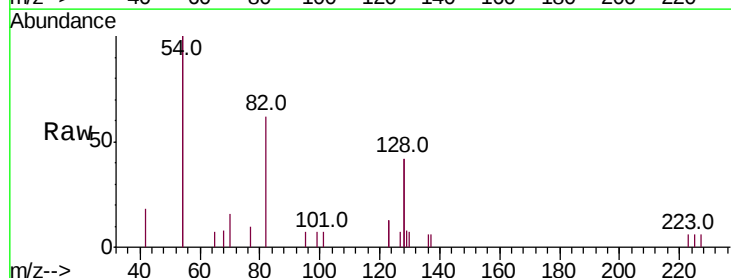
RT: 8.97 min Scan# 523

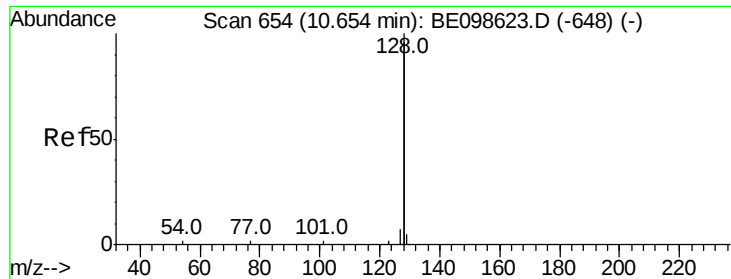
Delta R.T. 0.00 min

Lab File: BE098666.D

Acq: 18 Jan 2019 11:02

Tgt Ion	82	Resp:	1055
Ion Ratio	Lower	Upper	
82	100		
128	134.4	96.5	144.7
54	320.4	224.7	337.1





#9

Naphthalene

Concen: 0.380 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE098666.D

Acq: 18 Jan 2019 11:02

Instrument :

BNA_E

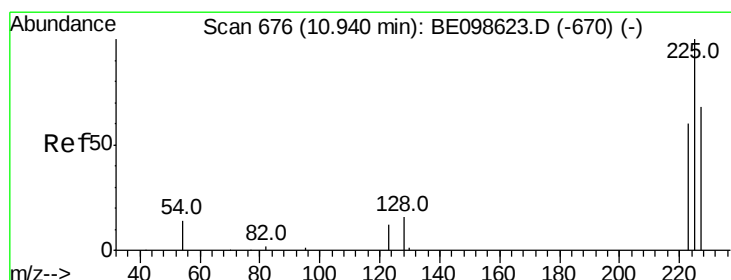
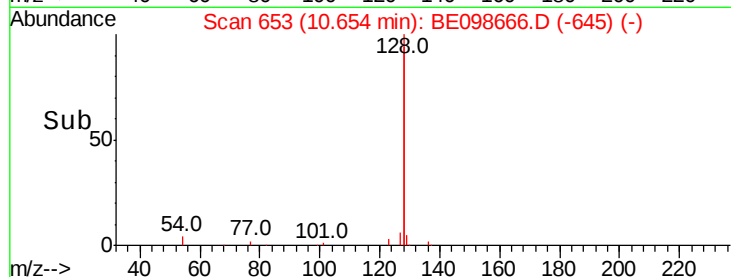
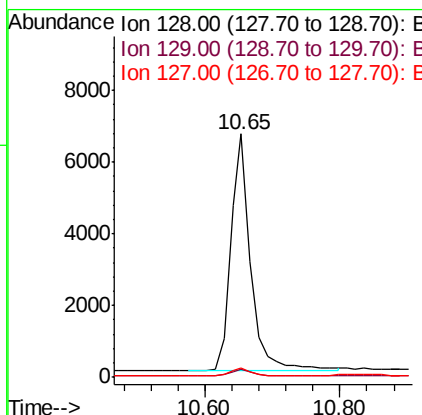
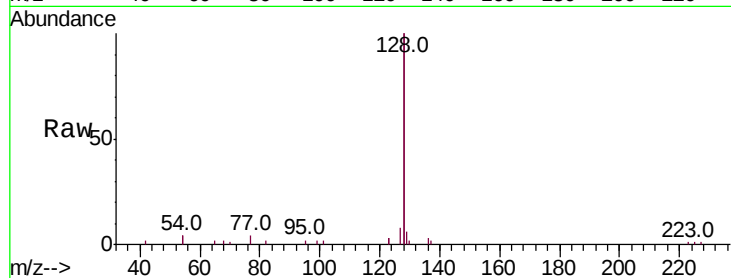
ClientSampled :

RD-1MSD

Tot Ion:	128	Resp:	13594
Ion Ratio	Lower	Upper	
128	100		
129	3.2	2.6	3.8
127	3.9	3.0	4.6

Manual Integrations
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#10

Hexachlorobutadiene

Concen: 0.327 ng

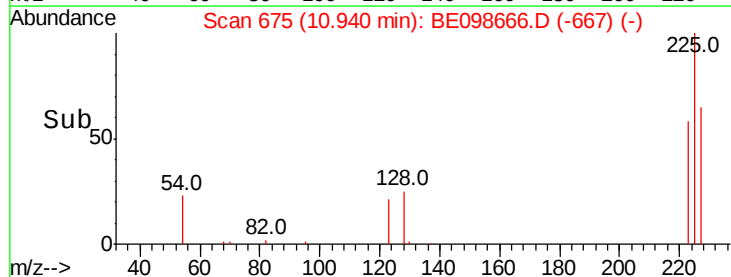
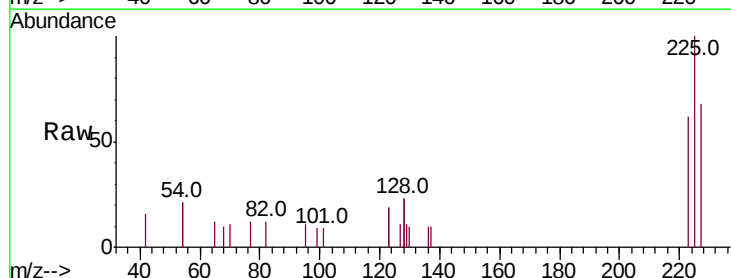
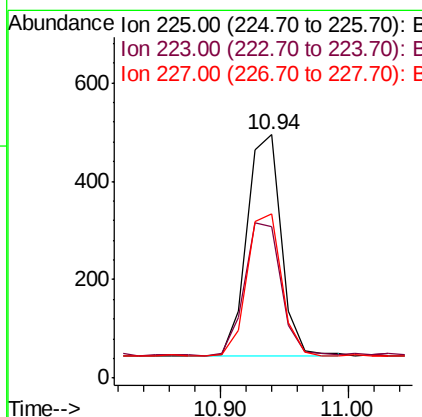
RT: 10.94 min Scan# 675

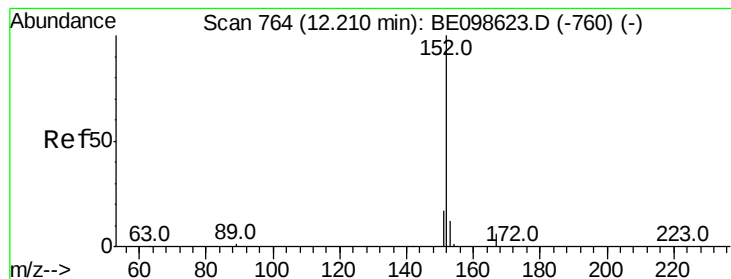
Delta R.T. 0.00 min

Lab File: BE098666.D

Acq: 18 Jan 2019 11:02

Tgt Ion:	225	Resp:	838
Ion Ratio	Lower	Upper	
225	100		
223	63.2	47.8	71.8
227	64.4	50.5	75.7





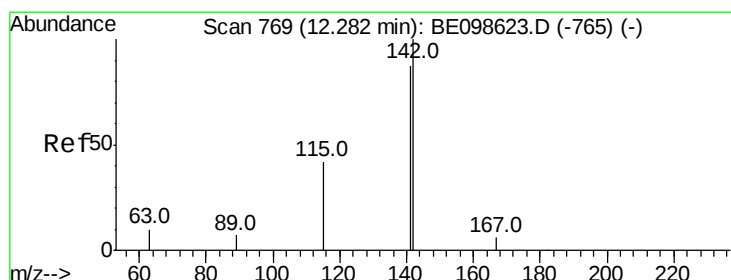
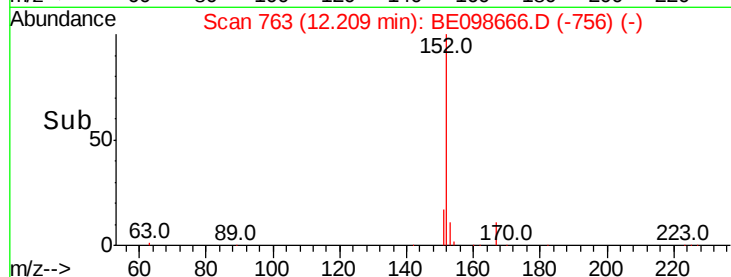
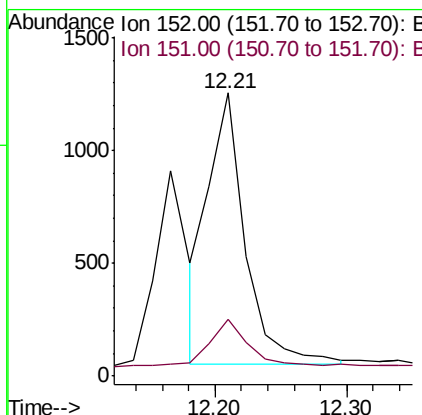
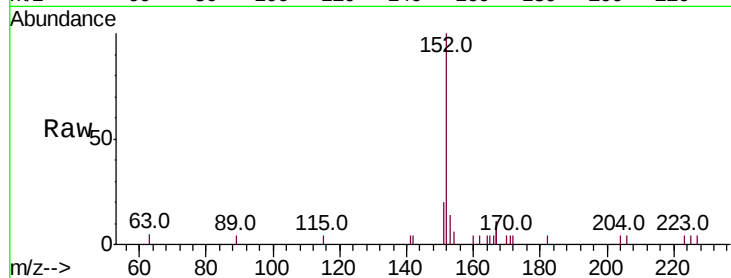
#11
 2-Methylnaphthalene-d10
 Concen: 0.403 ng m
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE098666.D
 Acq: 18 Jan 2019 11:02

Instrument :
 BNA_E
 ClientSampled :
 RD-1MSD

Tot Ion:152 Resp: 2383
 Ion Ratio Lower Upper
 152 100
 151 17.3 16.2 24.4

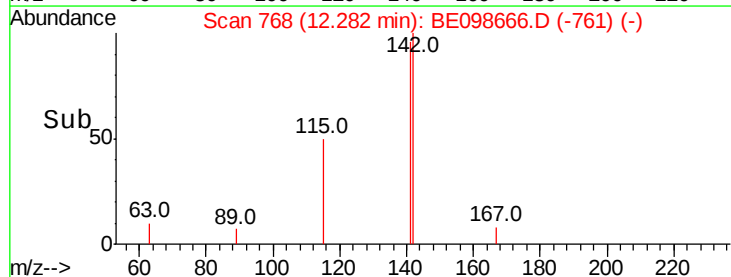
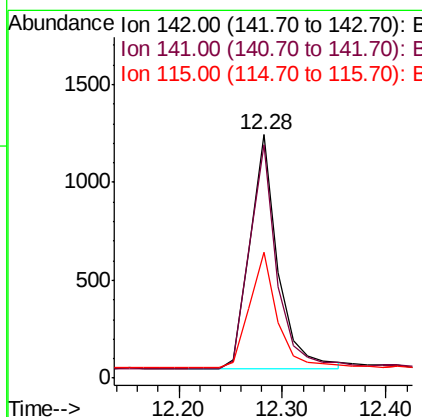
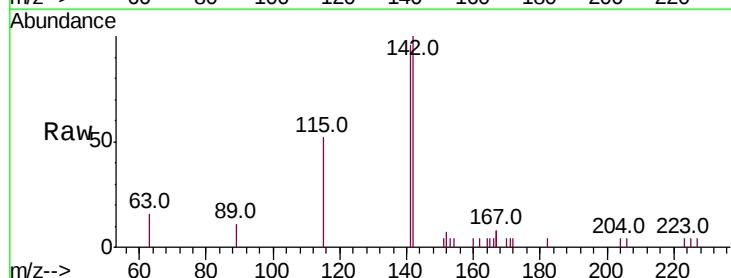
Manual Integrations
 APPROVED

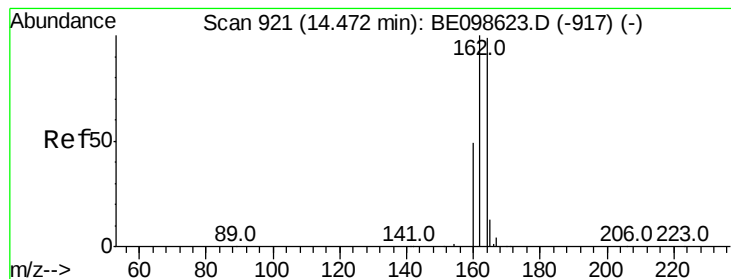
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#12
 2-Methylnaphthalene
 Concen: 0.378 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE098666.D
 Acq: 18 Jan 2019 11:02

Tgt Ion:142 Resp: 2245
 Ion Ratio Lower Upper
 142 100
 141 95.9 70.0 105.0
 115 51.8 35.2 52.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE098666.D

Acq: 18 Jan 2019 11:02

Instrument :

BNA_E

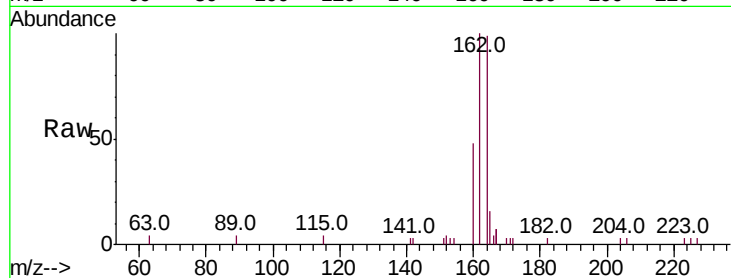
ClientSampleId :

RD-1MSD

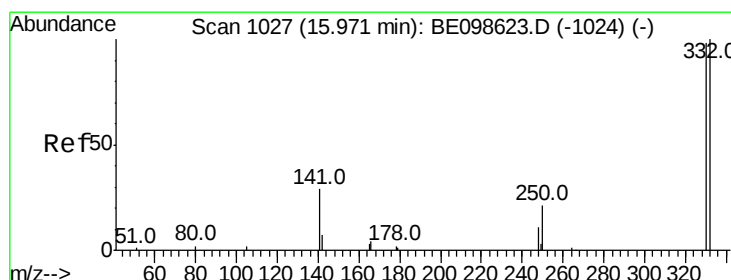
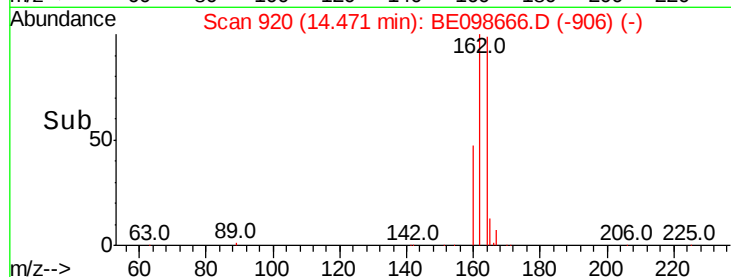
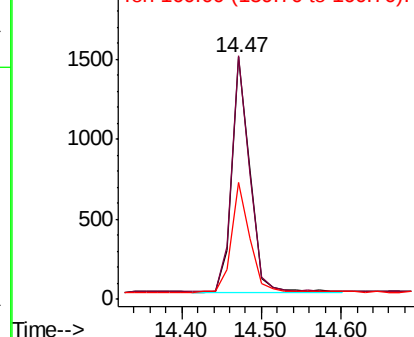
Tot Ion:	164	Resp:	2296
Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.5	120.7
160	48.5	40.1	60.1

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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: 0.402 ng

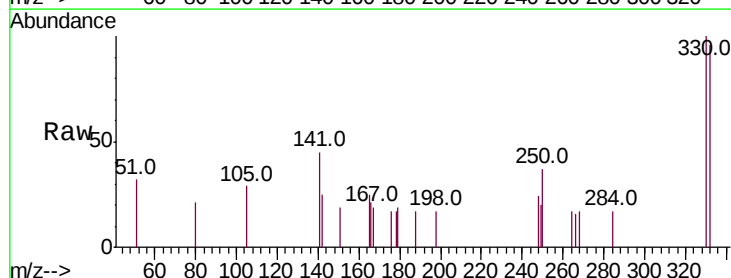
RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

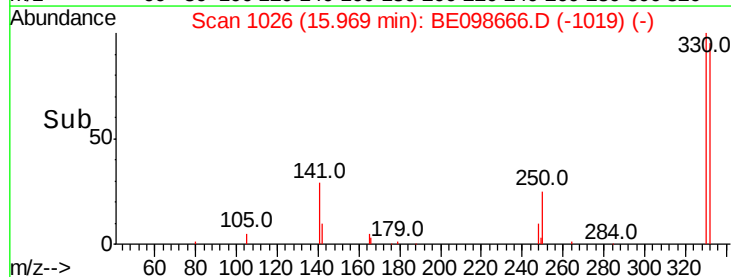
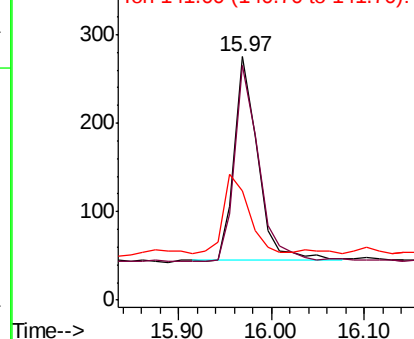
Lab File: BE098666.D

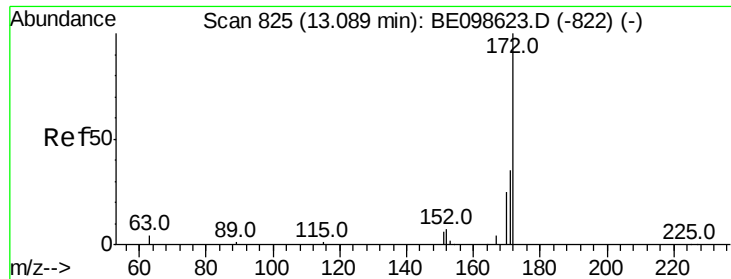
Acq: 18 Jan 2019 11:02

Tgt Ion:	330	Resp:	402
Ion	Ratio	Lower	Upper
330	100		
332	101.2	73.3	109.9
141	42.0	33.1	49.7



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





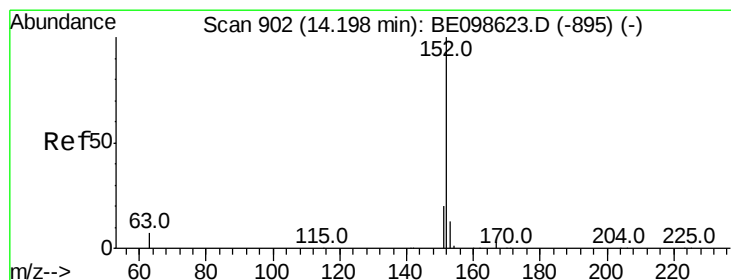
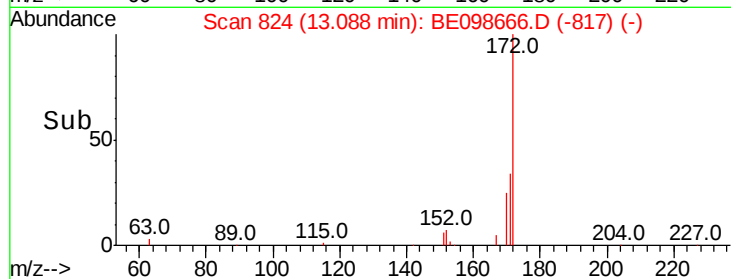
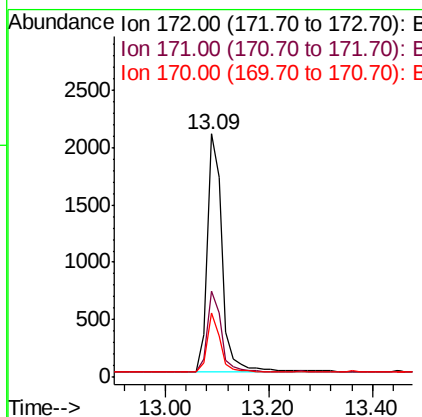
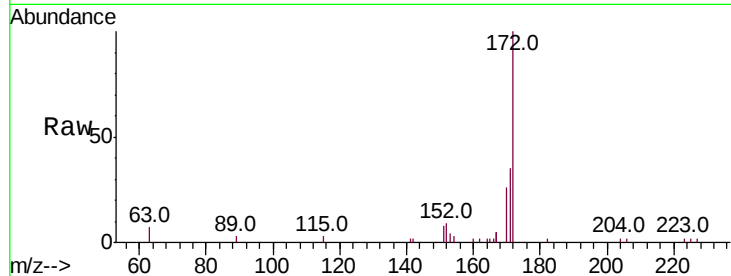
#15
2-Fluorobiphenyl
Concen: 0.451 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098666.D
Acq: 18 Jan 2019 11:02

Instrument :
BNA_E
ClientSampled :
RD-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	26.4	20.8	31.2

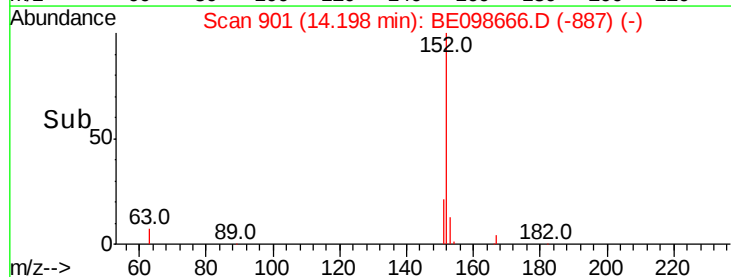
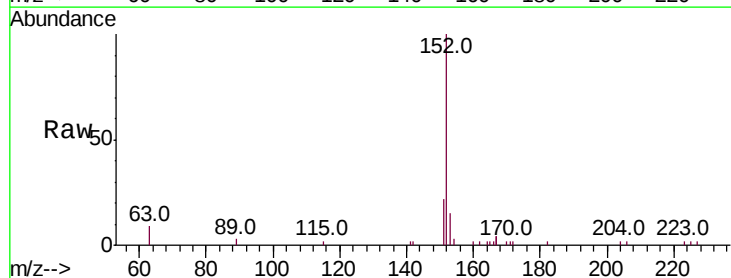
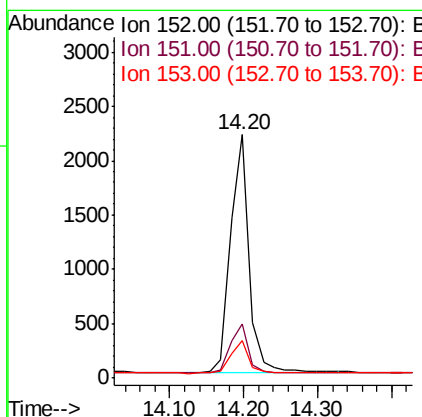
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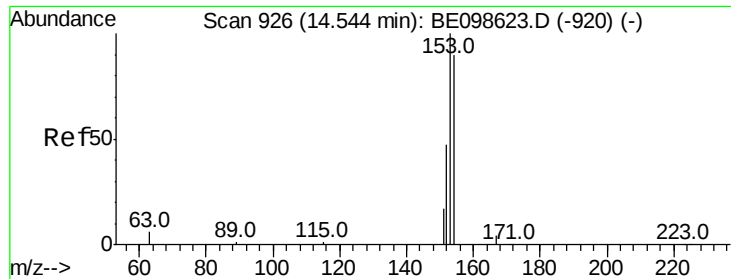
Sohil
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#16
Acenaphthylene
Concen: 0.388 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE098666.D
Acq: 18 Jan 2019 11:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.6	10.7	16.1





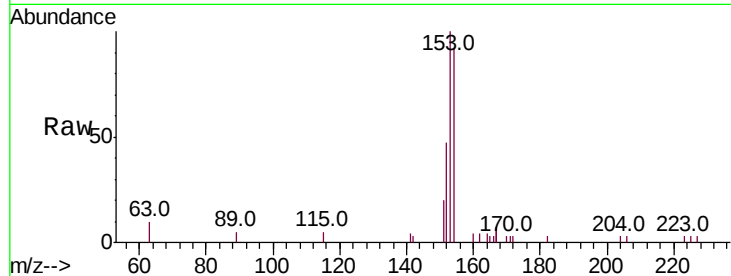
#17
Acenaphthene
Concen: 0.368 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098666.D
Acq: 18 Jan 2019 11:02

Instrument :
BNA_E
ClientSampleId :
RD-1MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.2	93.9	140.9
152	55.0	45.8	68.8

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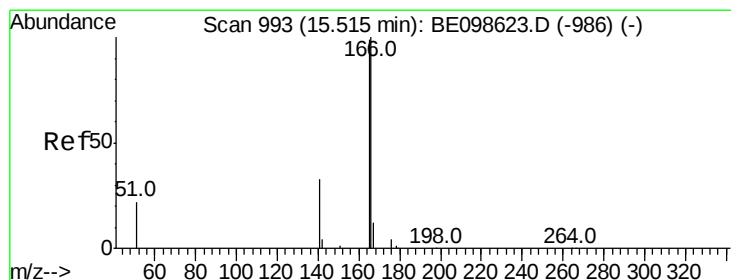
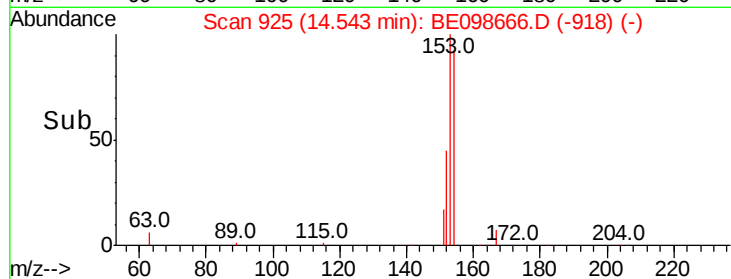
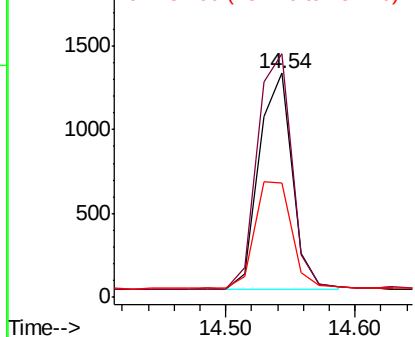


Abundance

Ion 154.00 (153.70 to 154.70): E

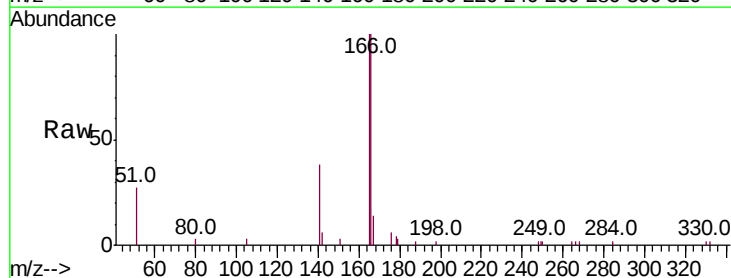
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.407 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE098666.D
Acq: 18 Jan 2019 11:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.3	118.9
167	12.8	10.6	15.8

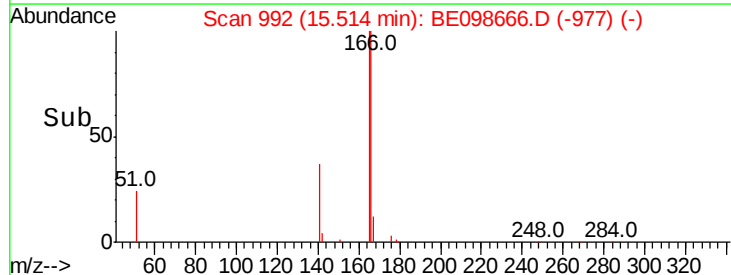
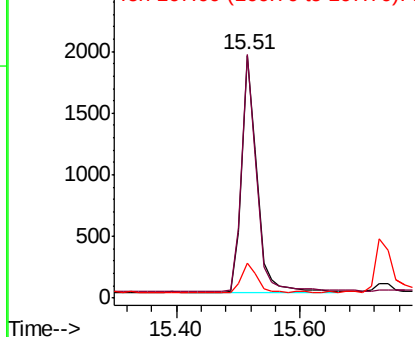


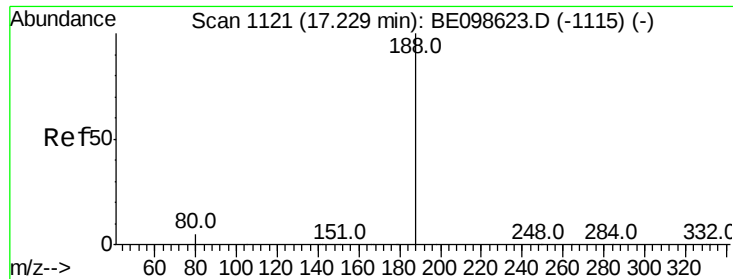
Abundance

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





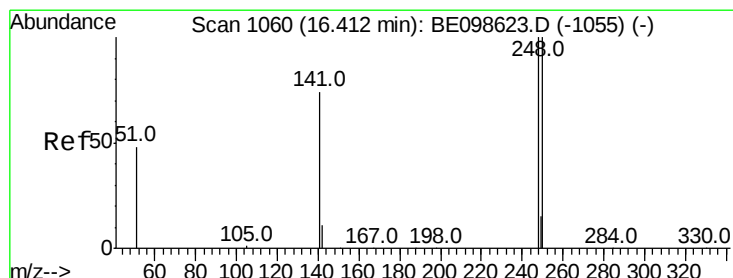
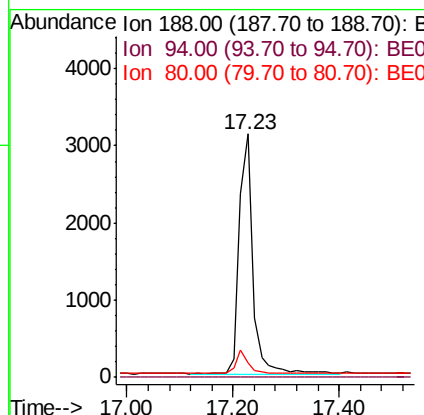
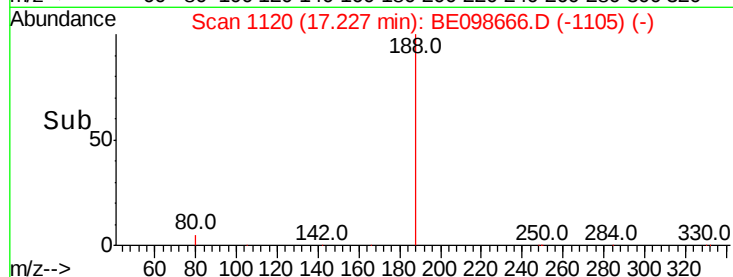
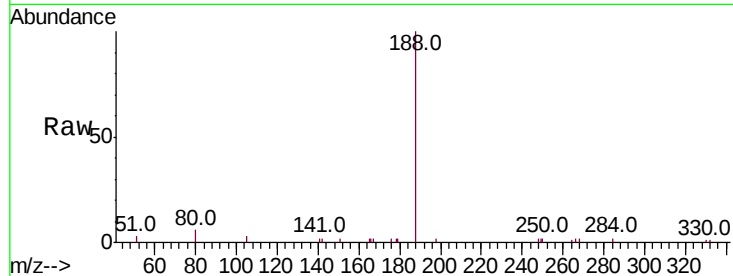
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098666.D
Acq: 18 Jan 2019 11:02

Instrument :
BNA_E
ClientSampleId :
RD-1MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.1	4.7	7.1

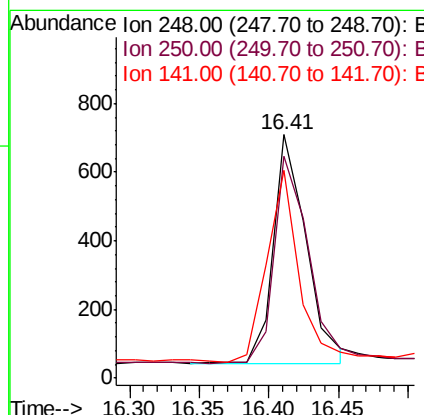
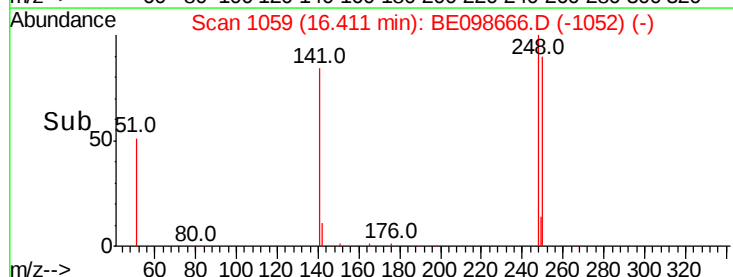
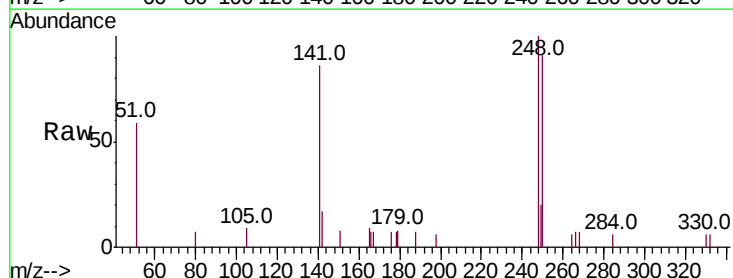
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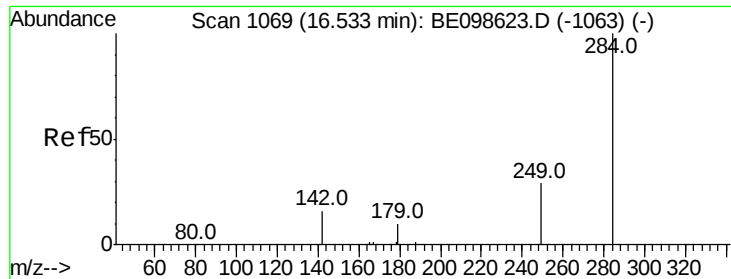
Sohil
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#20
4-Bromophenyl-phenylether
Concen: 0.367 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE098666.D
Acq: 18 Jan 2019 11:02

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	91.3	80.2	120.4
141	85.6	60.5	90.7





#21

Hexachlorobenzene

Concen: 0.335 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE098666.D

Acq: 18 Jan 2019 11:02

Instrument :

BNA_E

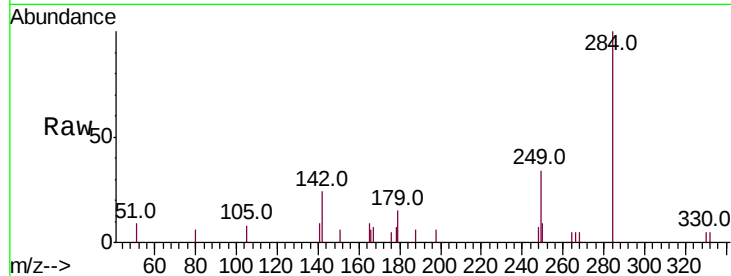
ClientSampleId :

RD-1MSD

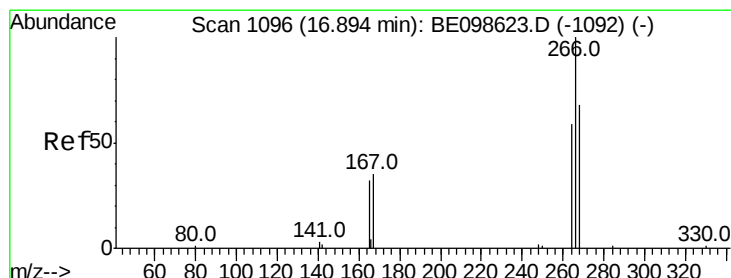
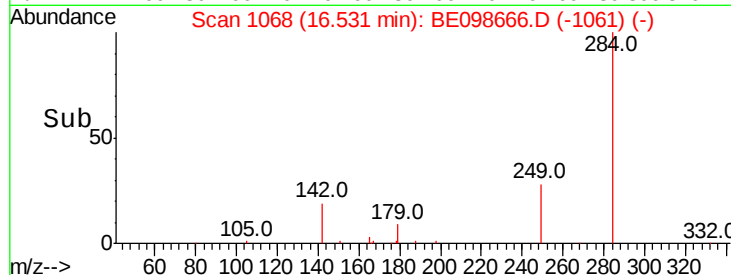
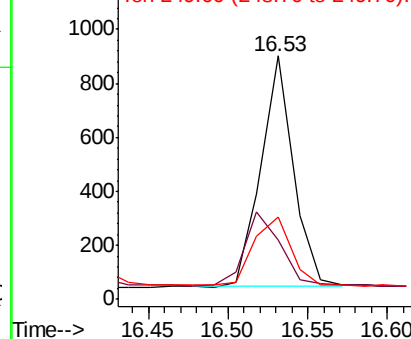
Tot Ion:	284	Resp:	1205
Ion Ratio	Lower	Upper	
284	100		
142	35.3	25.5	38.3
249	34.0	26.6	39.8

Manual Integrations
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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: 0.857 ng

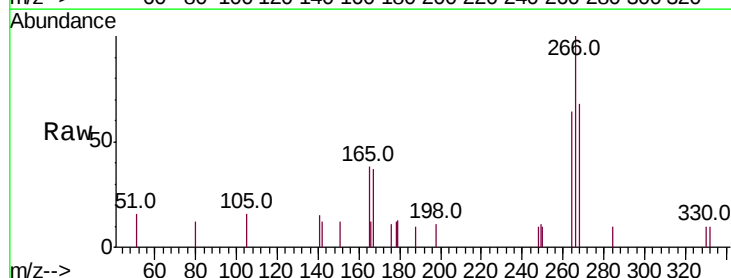
RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

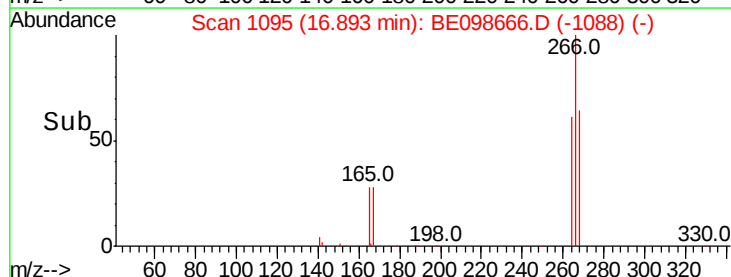
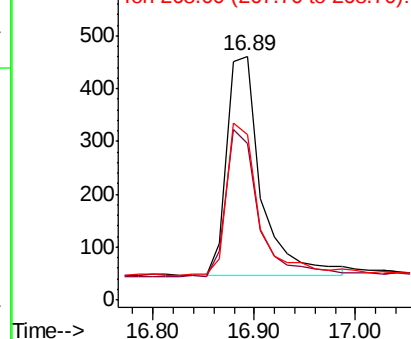
Lab File: BE098666.D

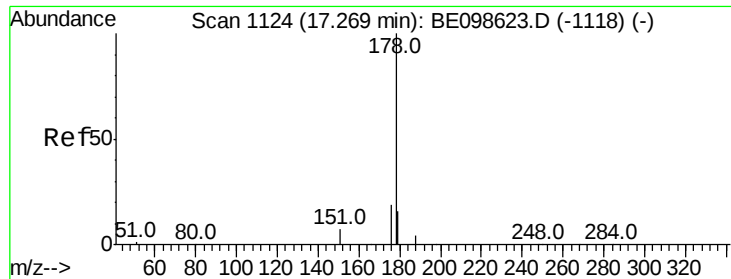
Acq: 18 Jan 2019 11:02

Tgt Ion:	266	Resp:	974
Ion Ratio	Lower	Upper	
266	100		
264	64.2	53.7	80.5
268	67.9	59.8	89.8



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





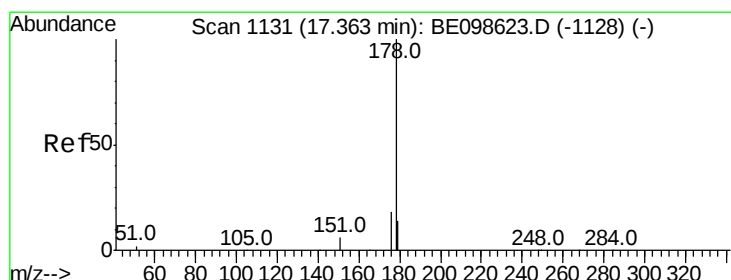
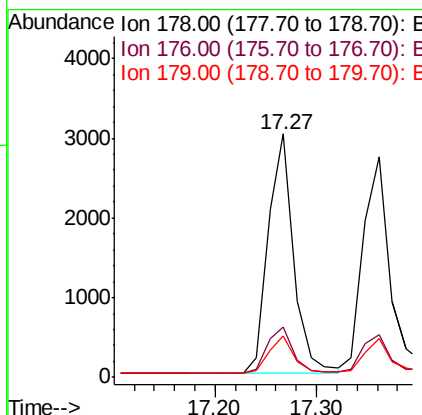
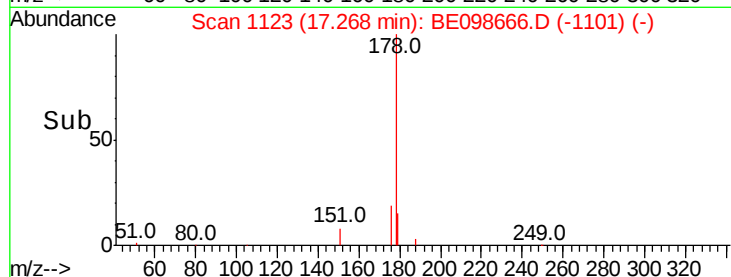
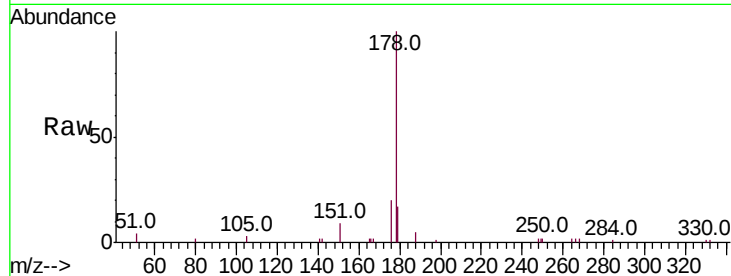
#23
Phenanthrene
Concen: 0.393 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE098666.D
Acq: 18 Jan 2019 11:02

Instrument :
BNA_E
ClientSampleId :
RD-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.1	12.2	18.4

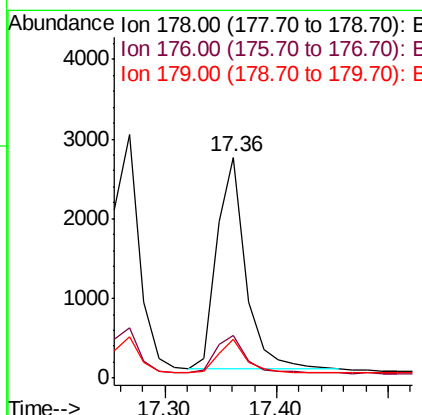
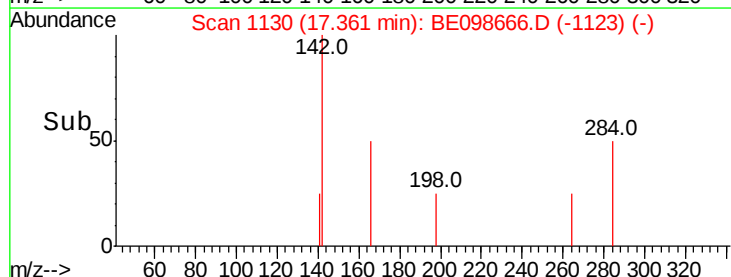
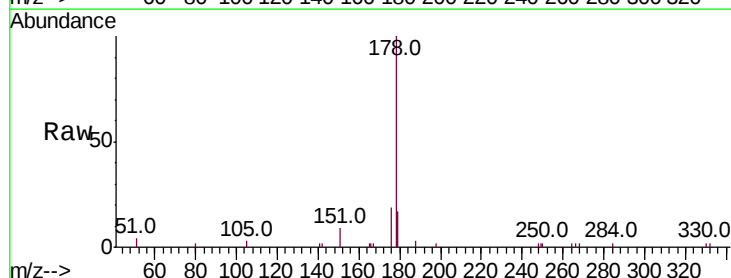
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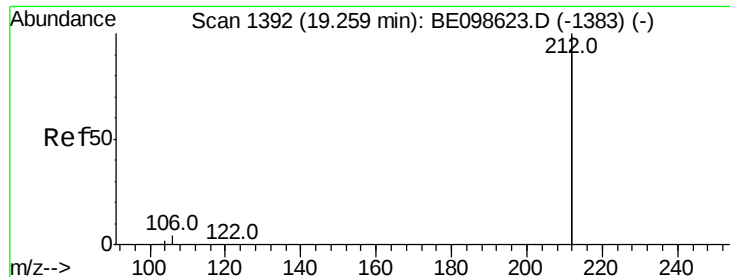
Sohil
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#24
Anthracene
Concen: 0.420 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE098666.D
Acq: 18 Jan 2019 11:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.0	11.8	17.8





#25

Fluoranthene-d10

Concen: 0.407 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE098666.D

Acq: 18 Jan 2019 11:02

Instrument :

BNA_E

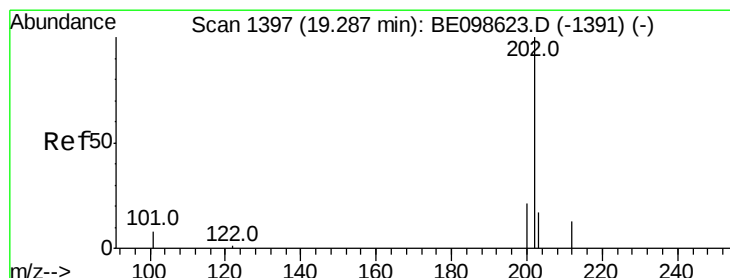
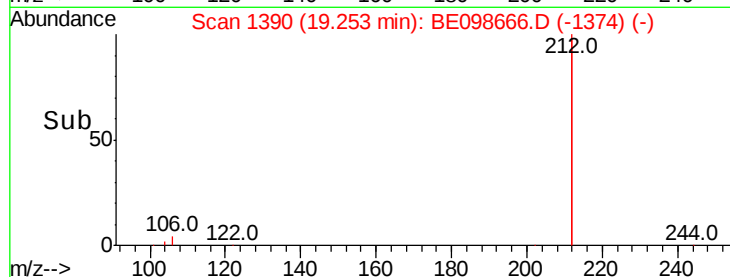
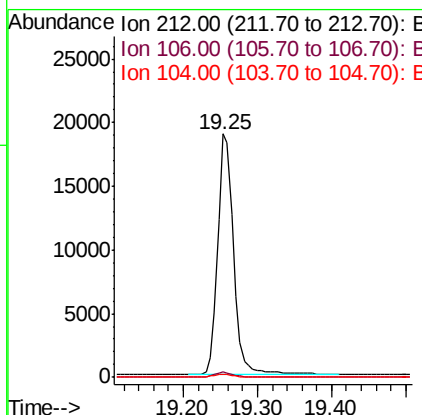
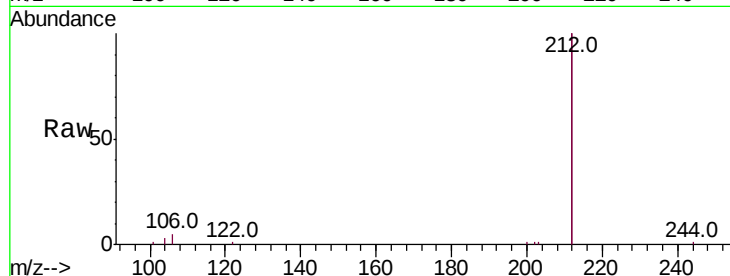
ClientSampled :

RD-1MSD

Tot Ion:	212	Resp:	28365
Ion Ratio	Lower	Upper	
212	100		
106	1.9	1.7	2.5
104	1.1	1.0	1.6

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#26

Fluoranthene

Concen: 0.412 ng

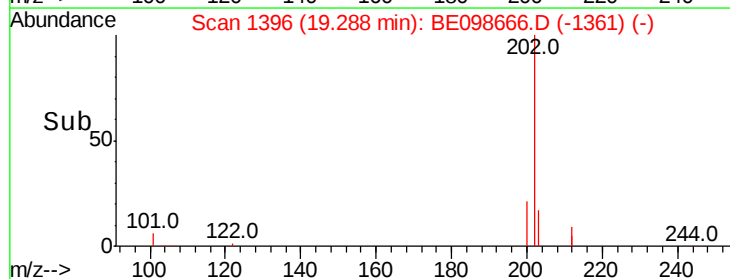
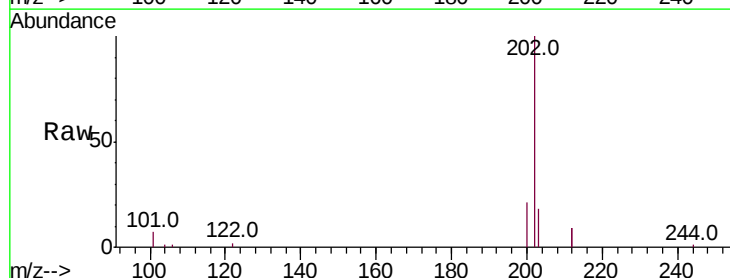
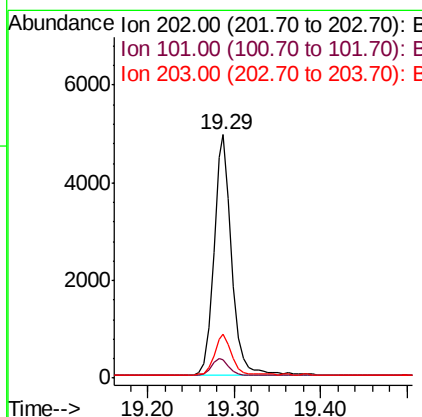
RT: 19.29 min Scan# 1396

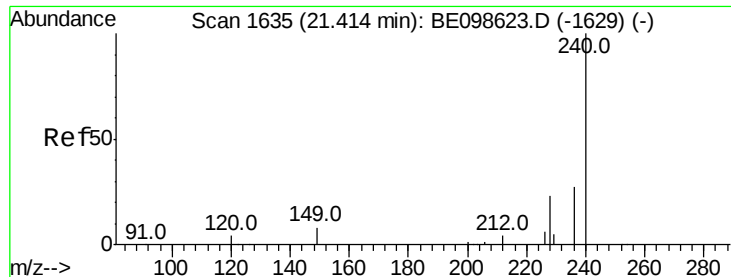
Delta R.T. 0.00 min

Lab File: BE098666.D

Acq: 18 Jan 2019 11:02

Tgt Ion:	202	Resp:	7069
Ion Ratio	Lower	Upper	
202	100		
101	7.7	6.7	10.1
203	16.7	13.3	19.9





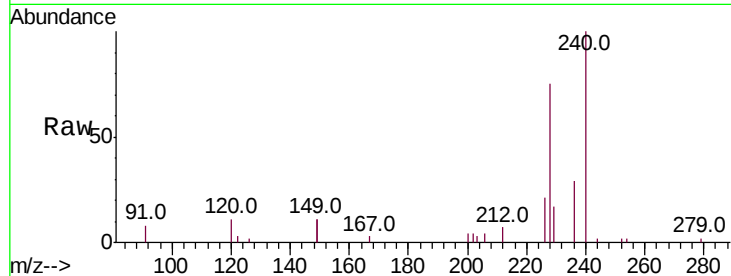
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE098666.D
Acq: 18 Jan 2019 11:02

Instrument :
BNA_E
ClientSampled :
RD-1MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	4.7	7.1#
236	28.6	21.9	32.9

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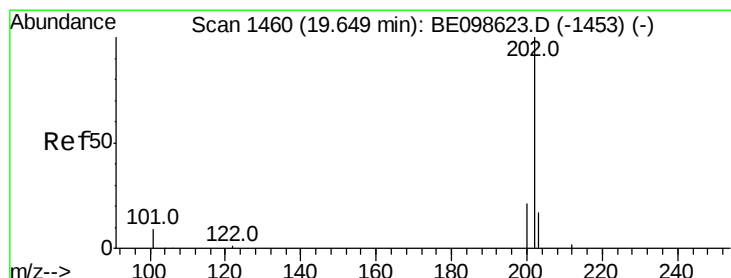
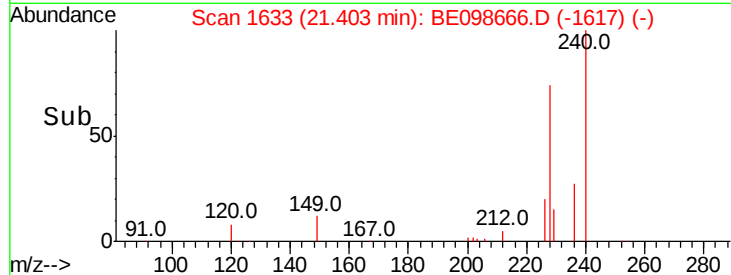
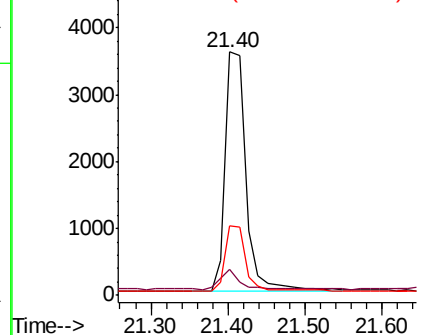


Abundance

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: 0.393 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE098666.D
Acq: 18 Jan 2019 11:02

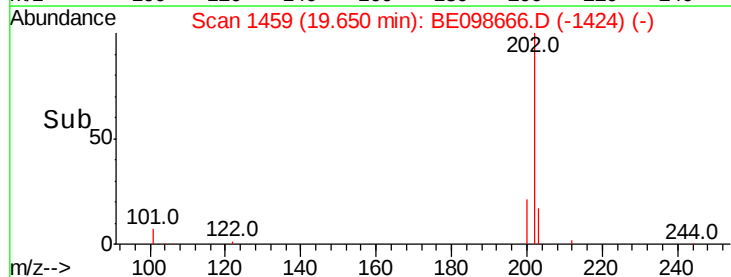
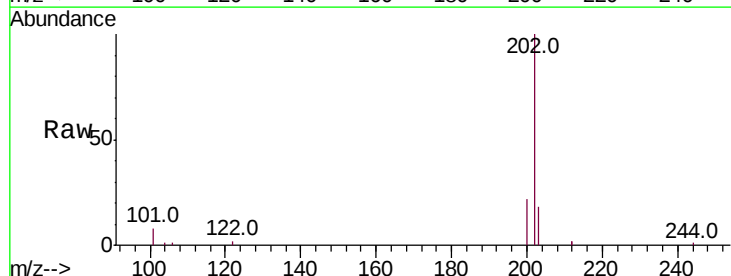
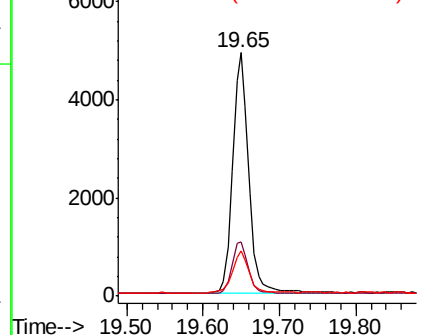
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.6
203	18.3	13.8	20.8

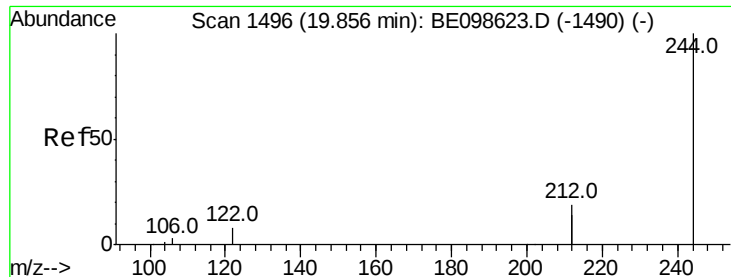
Abundance

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





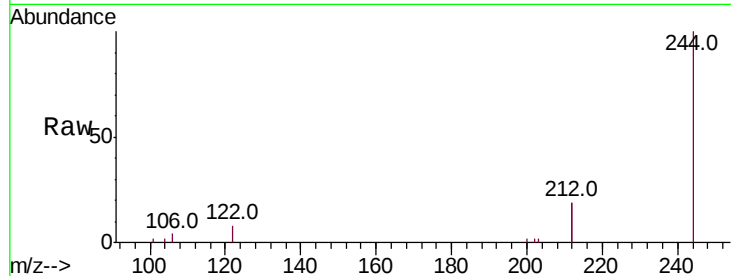
#29
 Terphenyl-d14
 Concen: 0.384 ng
 RT: 19.86 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BE098666.D
 Acq: 18 Jan 2019 11:02

Instrument :
 BNA_E
 ClientSampled :
 RD-1MSD

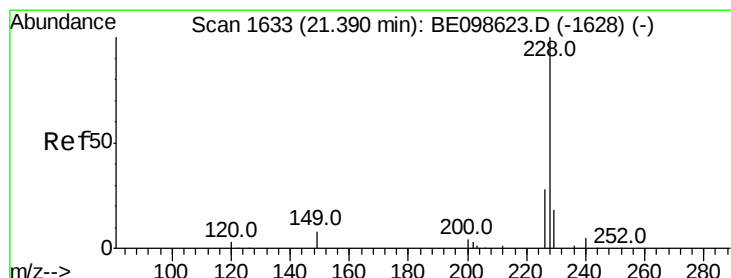
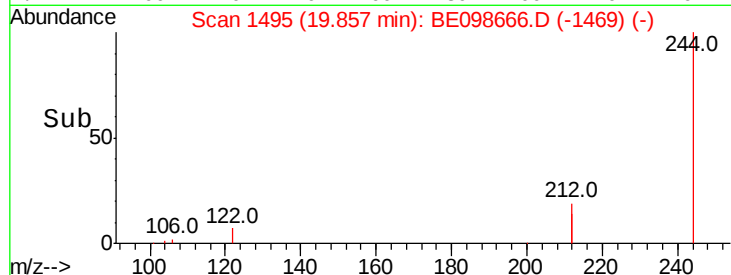
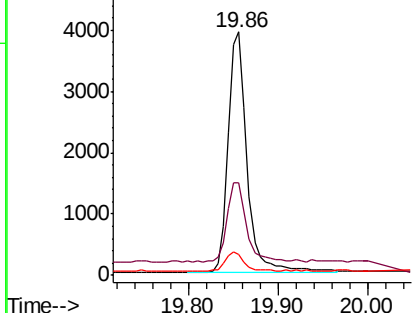
Tot Ion	Ratio	Lower	Upper
244	100		
212	38.3	29.4	44.2
122	8.4	7.1	10.7

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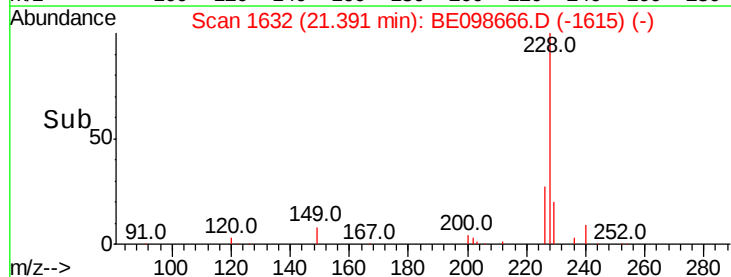
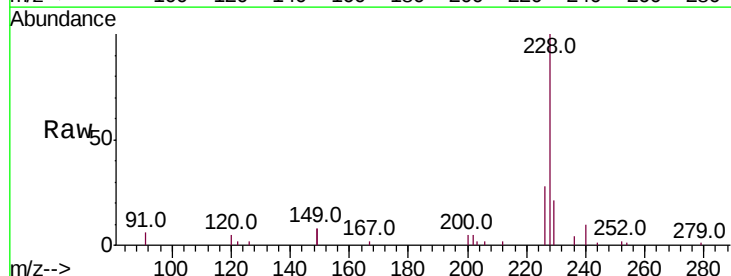
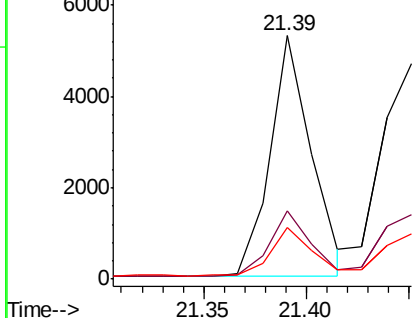
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

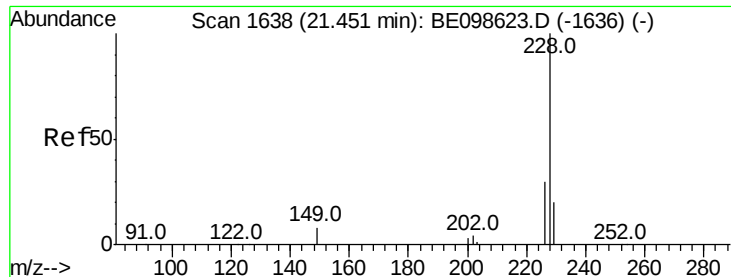


#30
 Benzo(a)anthracene
 Concen: 0.412 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BE098666.D
 Acq: 18 Jan 2019 11:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.4
229	21.4	15.0	22.6

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: 0.409 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE098666.D

Acq: 18 Jan 2019 11:02

Instrument :

BNA_E

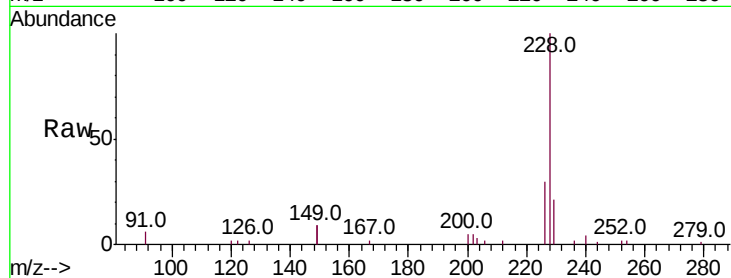
ClientSampleId :

RD-1MSD

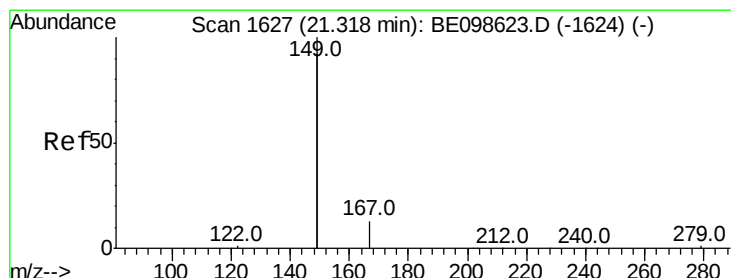
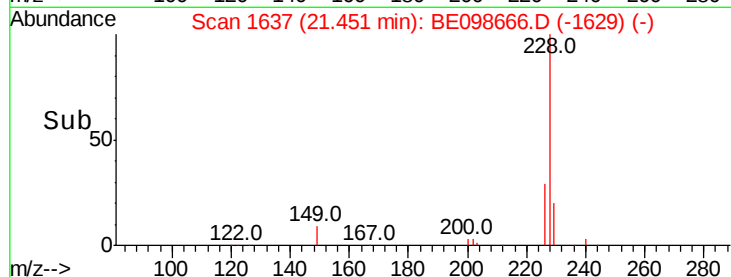
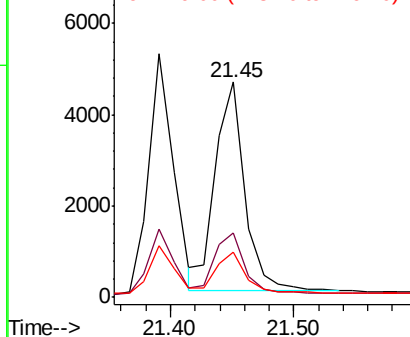
Tot Ion:	228	Resp:	7620
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.6	36.8
229	21.2	16.4	24.6

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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: 0.411 ng

RT: 21.32 min Scan# 1626

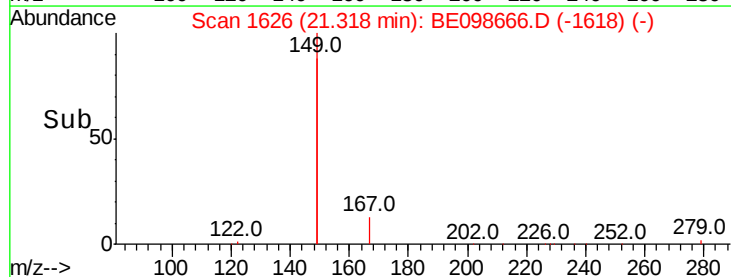
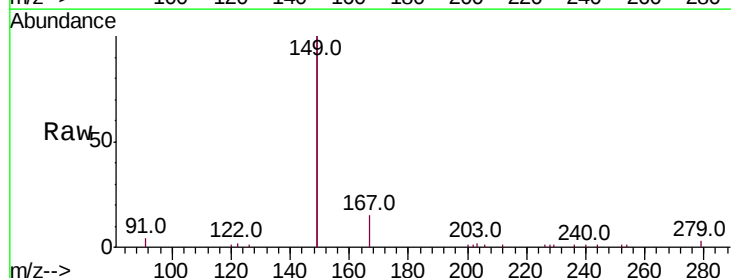
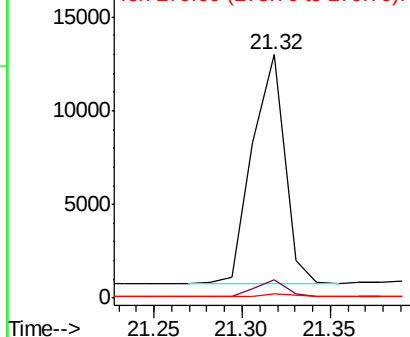
Delta R.T. 0.00 min

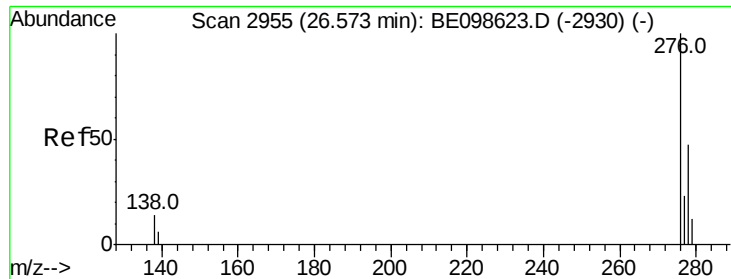
Lab File: BE098666.D

Acq: 18 Jan 2019 11:02

Tgt Ion:	149	Resp:	15663
Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.2
279	1.3	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





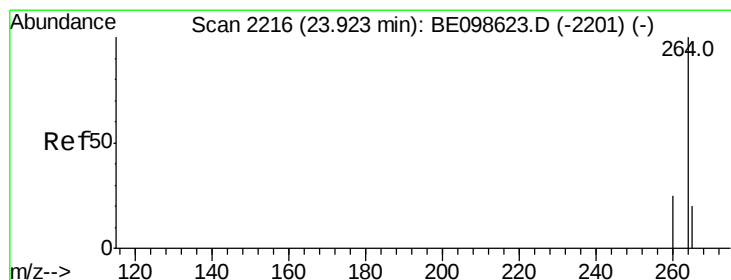
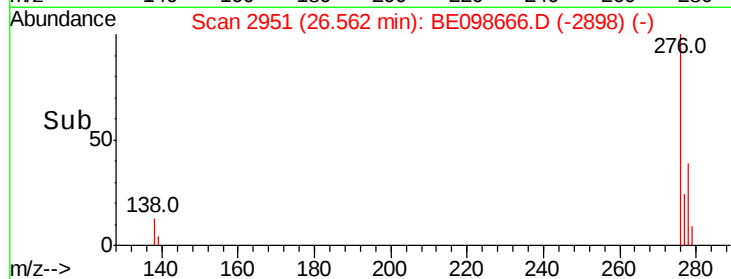
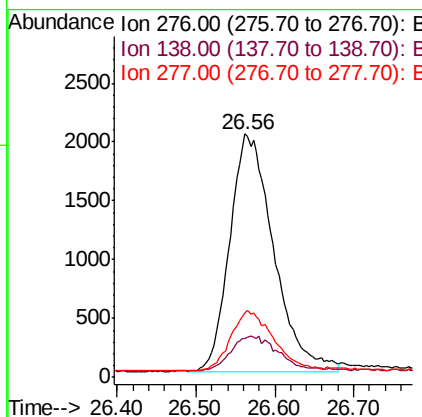
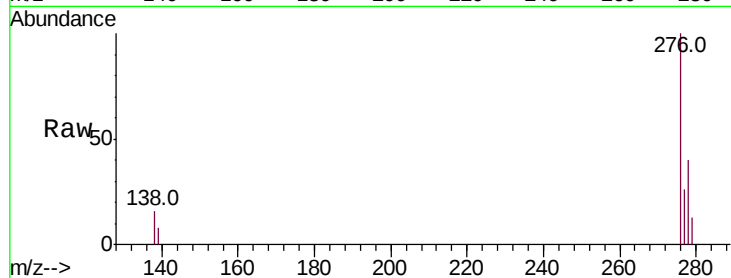
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.405 ng
 RT: 26.56 min Scan# 2951
 Delta R.T. -0.01 min
 Lab File: BE098666.D
 Acq: 18 Jan 2019 11:02

Instrument :
 BNA_E
 ClientSampled :
 RD-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.4	13.3	19.9
277	24.5	19.4	29.0

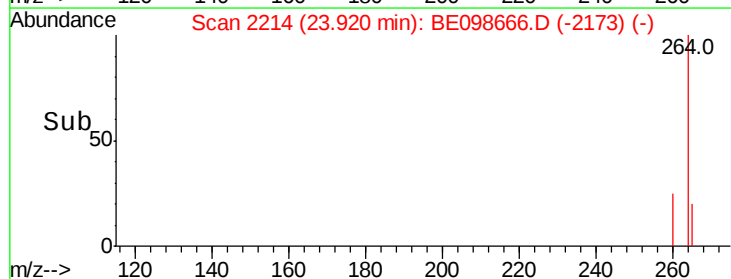
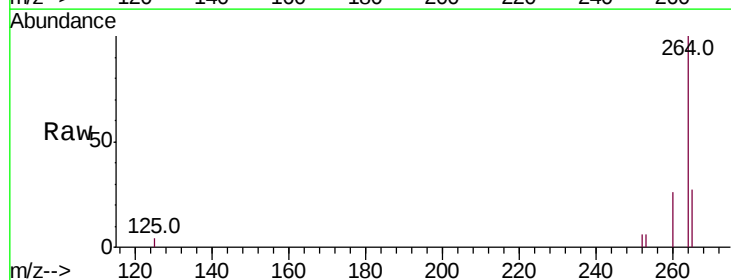
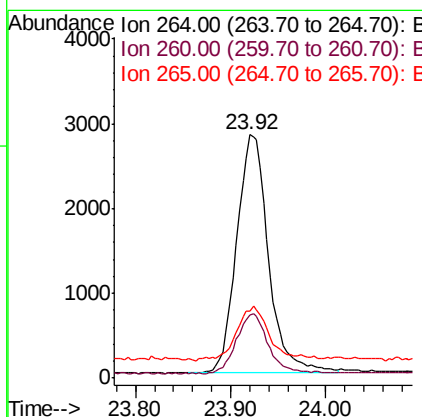
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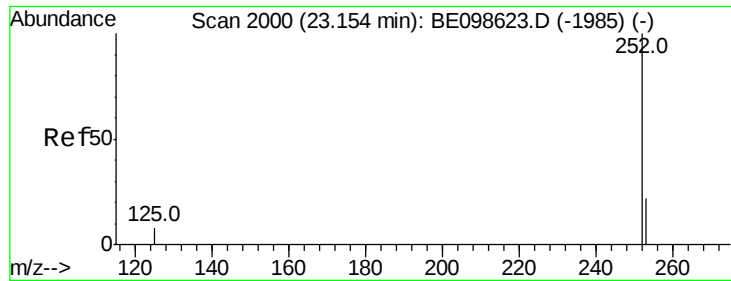
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BE098666.D
 Acq: 18 Jan 2019 11:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.5	30.7
265	27.5	22.3	33.5





#35

Benzo(b)fluoranthene

Concen: 0.408 ng

RT: 23.15 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BE098666.D

Acq: 18 Jan 2019 11:02

Instrument :

BNA_E

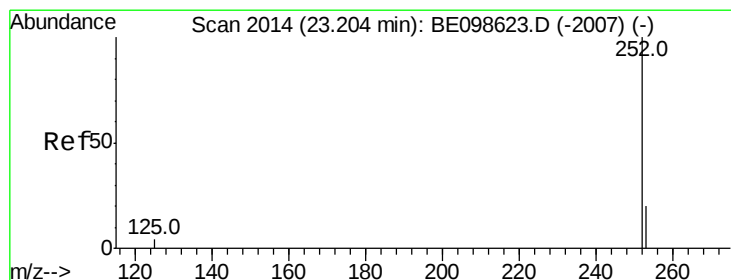
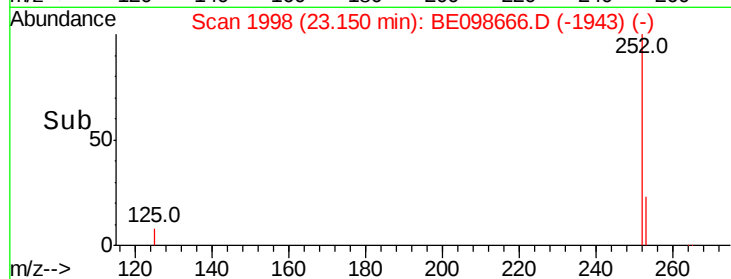
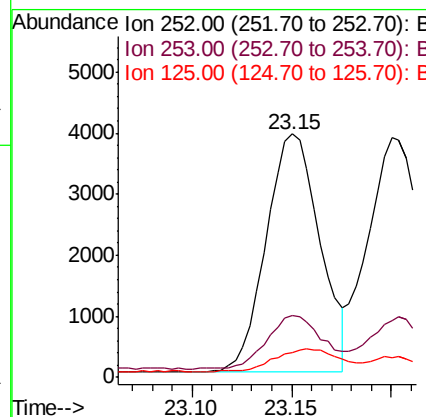
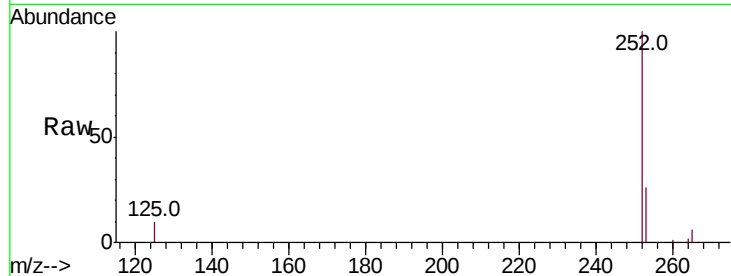
ClientSampled :

RD-1MSD

Tot Ion:	252	Resp:	7277
Ion Ratio	Lower	Upper	
252	100		
253	25.6	19.4	29.0
125	10.1	8.2	12.4

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#36

Benzo(k)fluoranthene

Concen: 0.397 ng

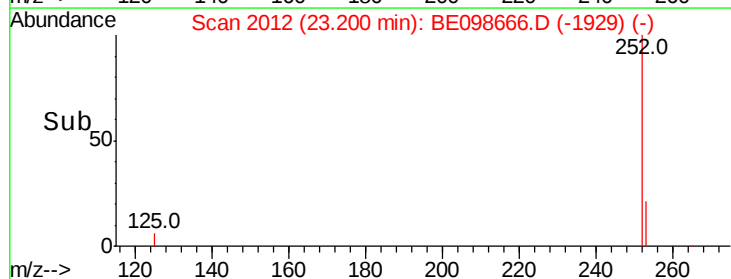
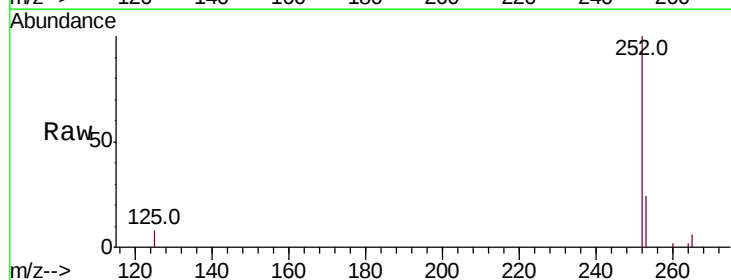
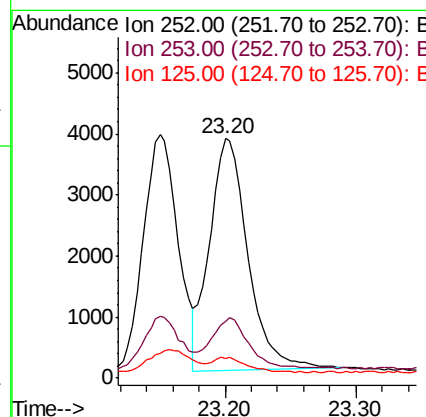
RT: 23.20 min Scan# 2012

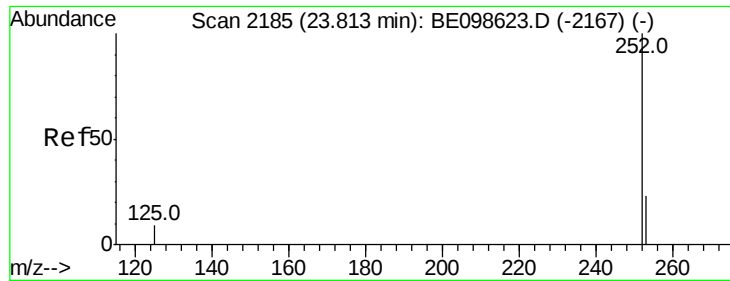
Delta R.T. -0.00 min

Lab File: BE098666.D

Acq: 18 Jan 2019 11:02

Tgt Ion:	252	Resp:	7743
Ion Ratio	Lower	Upper	
252	100		
253	23.9	19.0	28.4
125	8.4	7.0	10.4





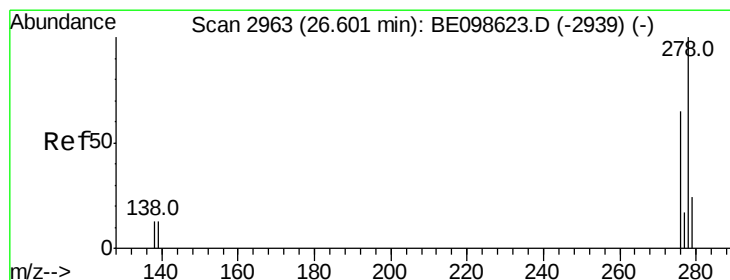
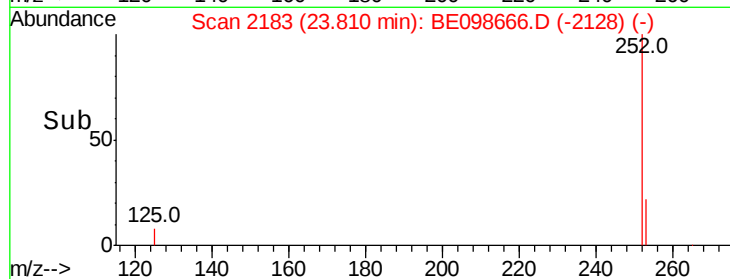
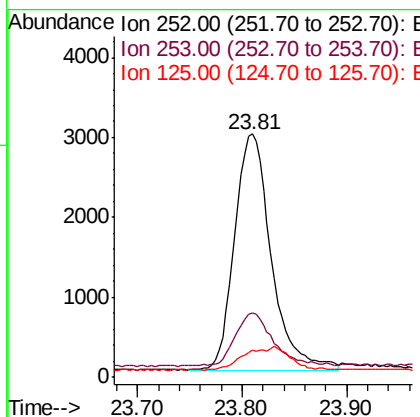
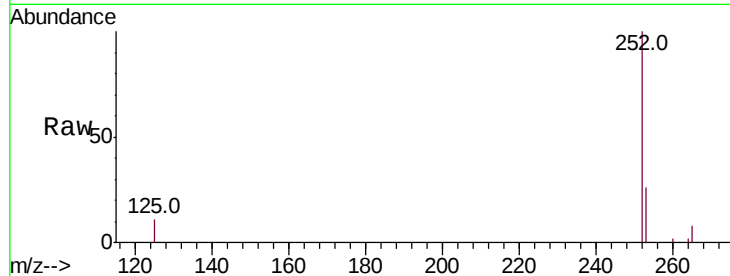
#37
Benzo(a)pyrene
Concen: 0.410 ng
RT: 23.81 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BE098666.D
Acq: 18 Jan 2019 11:02

Instrument :
BNA_E
ClientSampleId :
RD-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	21.0	31.4
125	11.0	9.2	13.8

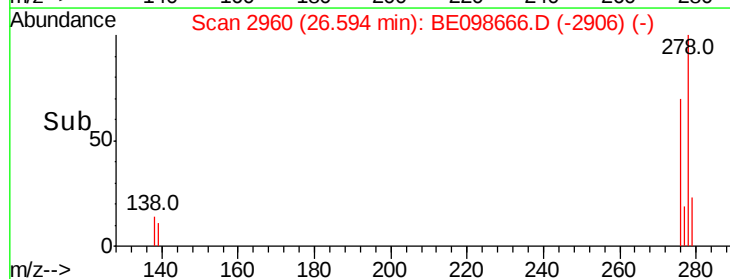
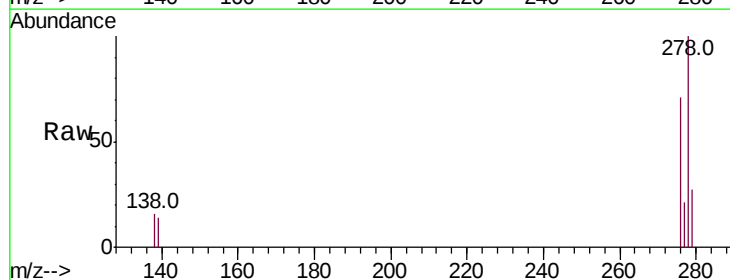
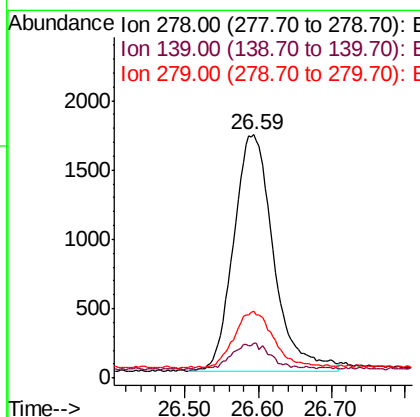
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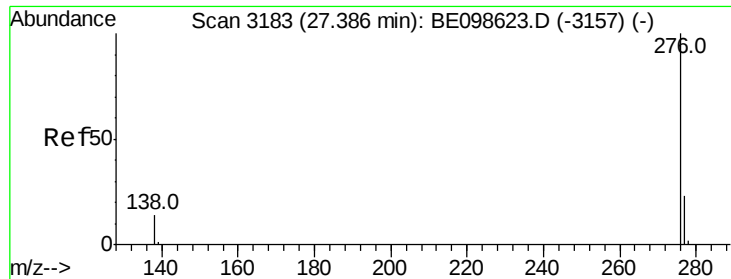
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#38
Dibenzo(a,h)anthracene
Concen: 0.414 ng
RT: 26.59 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BE098666.D
Acq: 18 Jan 2019 11:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	12.7	19.1
279	27.4	22.0	33.0





#39

Benzo(a,h,i)perylene

Concen: 0.398 ng

RT: 27.38 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BE098666.D

Acq: 18 Jan 2019 11:02

Instrument :

BNA_E

ClientSampleId :

RD-1MSD

Tot Ion:	276	Resp:	6765
Ion Ratio	Lower	Upper	
276	100		
277	25.8	20.3	30.5
138	15.1	13.3	19.9

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