

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010219\
 Data File : BE098608.D
 Acq On : 2 Jan 2019 15:16
 Operator : SJ/JU
 Sample : PB116077BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB116077BSD

Manual Integrations
 APPROVED

Sohil
 1/3/2019 11:22:11 AM

Quant Time: Jan 02 17:36:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 02 10:30:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1081	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4459	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	2527	0.40	ng	0.02
19) Phenanthrene-d10	17.22	188	5466	0.40	ng	0.00
27) Chrysene-d12	21.41	240	5832	0.40	ng	0.00
34) Perylene-d12	23.93	264	6875	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	826	0.33	ng	0.01
5) Phenol-d6	7.00	99	1065	0.30	ng	0.01
8) Nitrobenzene-d5	8.96	82	1047	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1688m	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	215	0.23	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2529	0.24	ng	0.02
25) Fluoranthene-d10	19.26	212	16273	0.23	ng	0.01
29) Terphenyl-d14	19.85	244	3085	0.22	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	667	0.357	ng	# 73
3) n-Nitrosodimethylamine	3.65	42	487	0.289	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	697	0.205	ng	96
9) Naphthalene	10.65	128	10822	0.241	ng	100
10) Hexachlorobutadiene	10.94	225	712	0.249	ng	95
12) 2-Methylnaphthalene	12.28	142	1736	0.238	ng	95
16) Acenaphthylene	14.20	152	2762	0.233	ng	99
17) Acenaphthene	14.54	154	1582	0.222	ng	97
18) Fluorene	15.52	166	2043	0.215	ng	97
20) 4-Bromophenyl-phenylether	16.42	248	664	0.226	ng	92
21) Hexachlorobenzene	16.53	284	750	0.237	ng	# 93
22) Pentachlorophenol	16.90	266	107	0.229	ng	93
23) Phenanthrene	17.27	178	3131	0.236	ng	99
24) Anthracene	17.36	178	2850	0.241	ng	100
26) Fluoranthene	19.29	202	3896	0.222	ng	95
28) Pyrene	19.65	202	3926	0.215	ng	98
30) Benzo(a)anthracene	21.40	228	4157	0.250	ng	# 87
31) Chrysene	21.45	228	4063	0.234	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.32	149	10033	0.297	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.57	276	5641	0.326	ng	# 87
35) Benzo(b)fluoranthene	23.15	252	4509	0.240	ng	# 60
36) Benzo(k)fluoranthene	23.21	252	4466	0.204	ng	# 54
37) Benzo(a)pyrene	23.81	252	4649	0.240	ng	# 54
38) Dibenzo(a,h)anthracene	26.60	278	4677	0.256	ng	# 74
39) Benzo(g,h,i)perylene	27.39	276	4772	0.259	ng	# 88

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

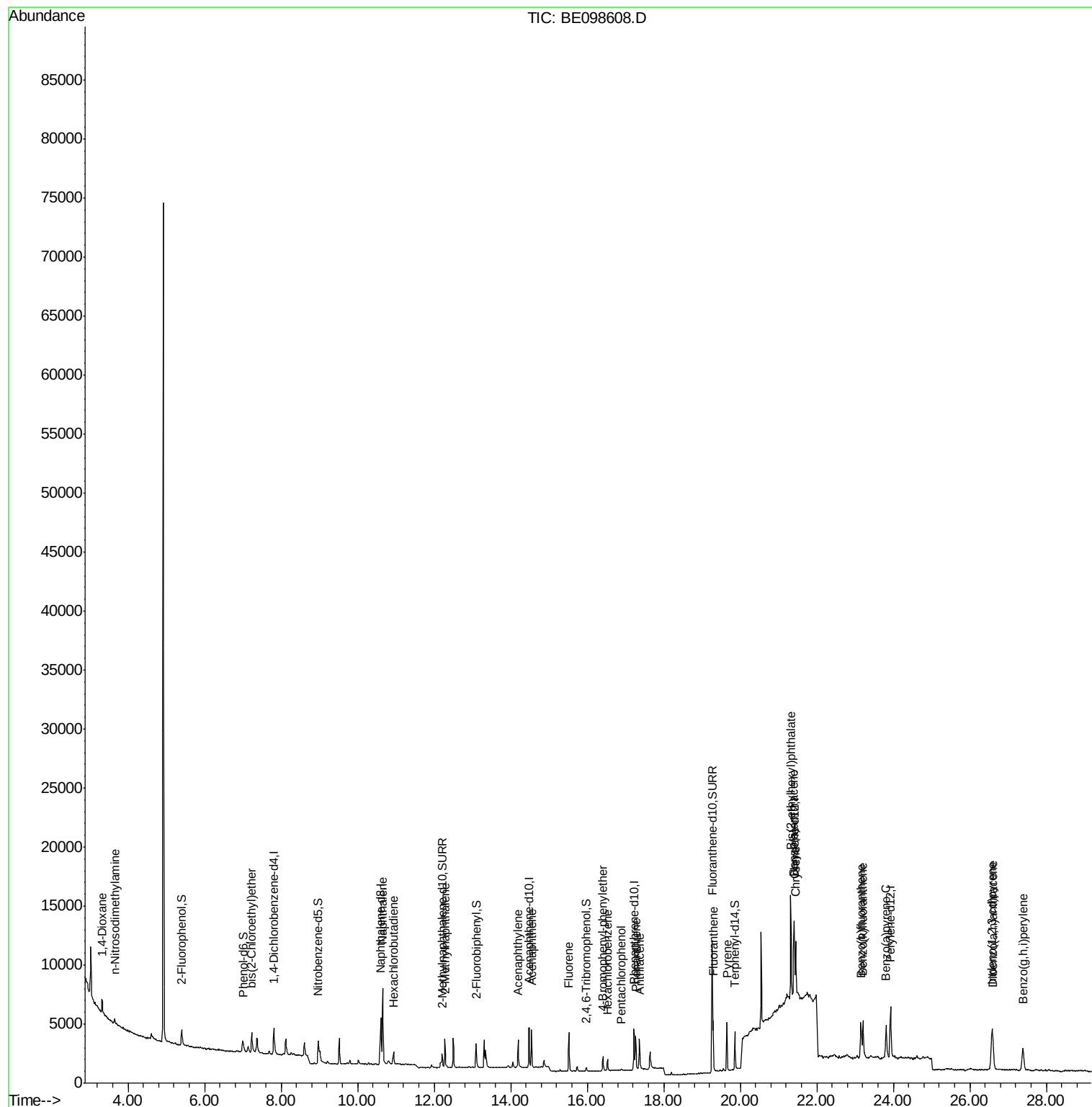
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010219\
Data File : BE098608.D
Acq On : 2 Jan 2019 15:16
Operator : SJ/JU
Sample : PB116077BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

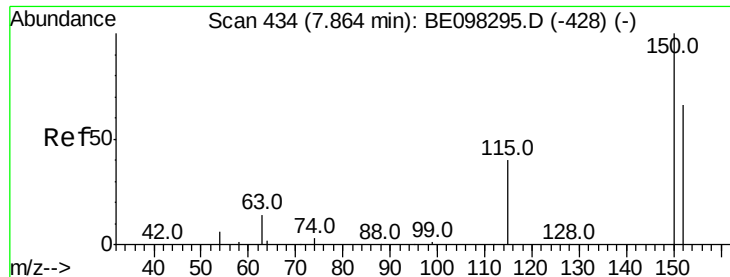
Instrument :
BNA_E
ClientSampleId :
PB116077BSD

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1/3/2019 11:22:11 AM

Quant Time: Jan 02 17:36:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 02 10:30:27 2019
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#1

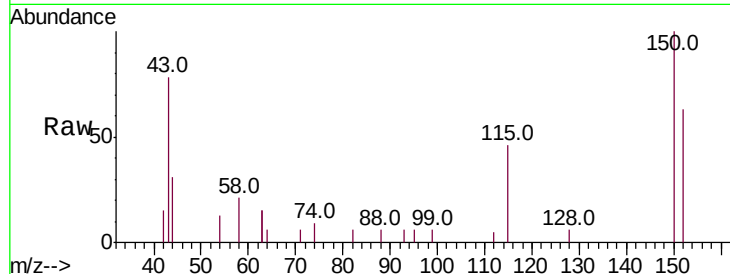
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB116077BSD

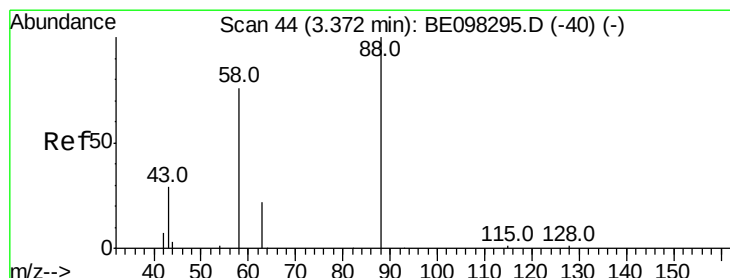
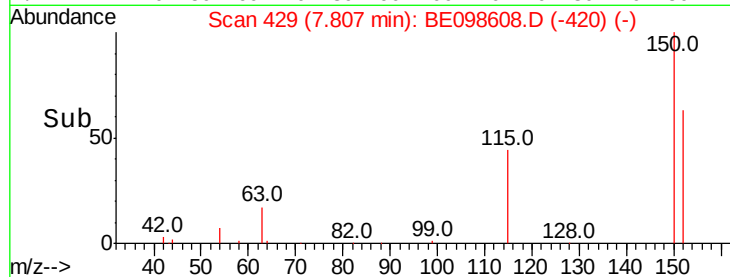
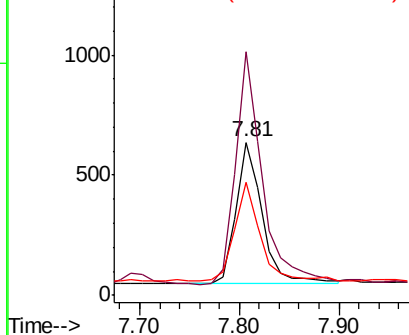
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.2	186.4
115	73.9	53.9	80.9

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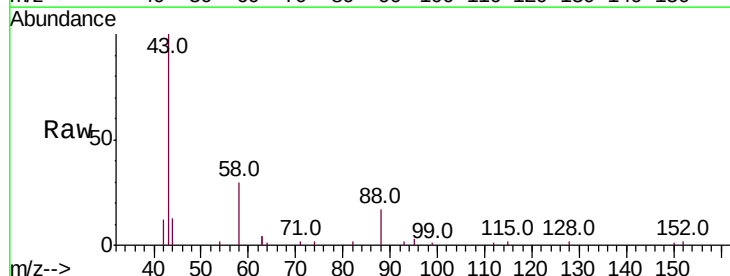
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



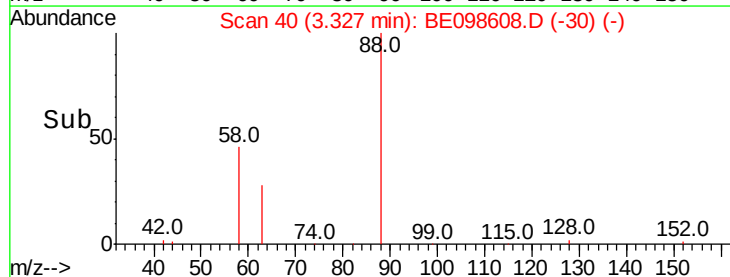
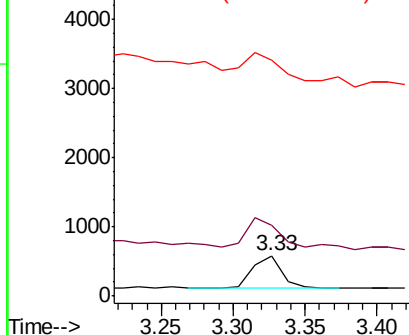
#2

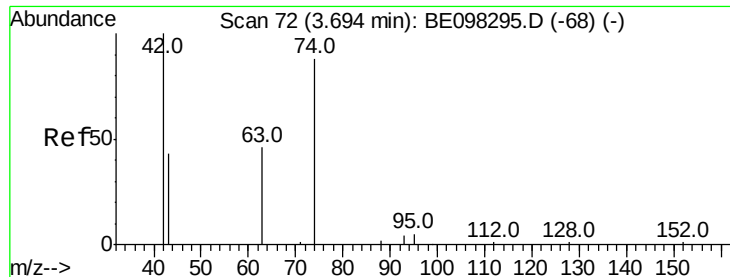
1,4-Dioxane
Concen: 0.357 ng
RT: 3.33 min Scan# 40
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.5	75.0	112.6
43	100.6	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





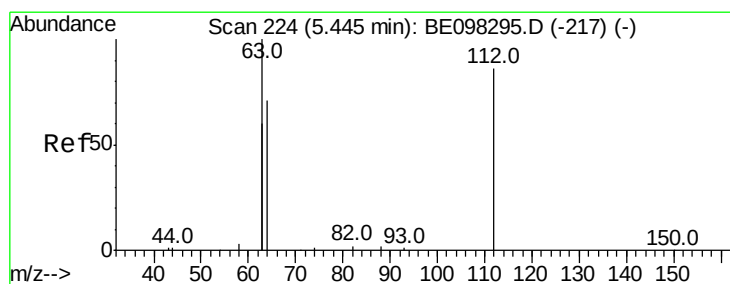
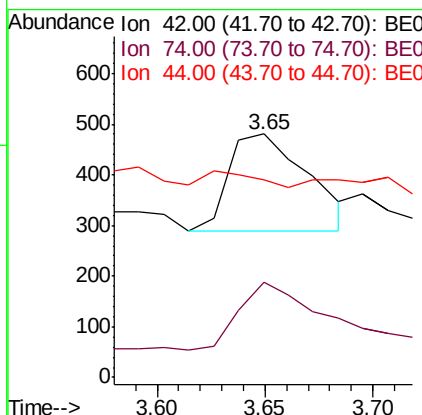
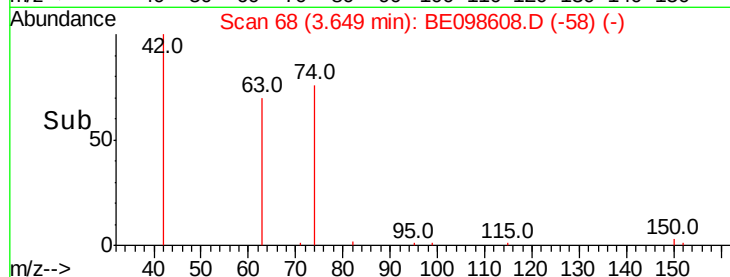
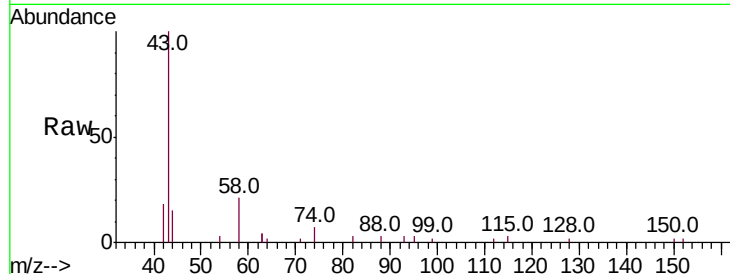
#3
n-Nitrosodimethylamine
Concen: 0.289 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB116077BSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	74.5	0.0	0.0#
44	0.0	0.0	0.0

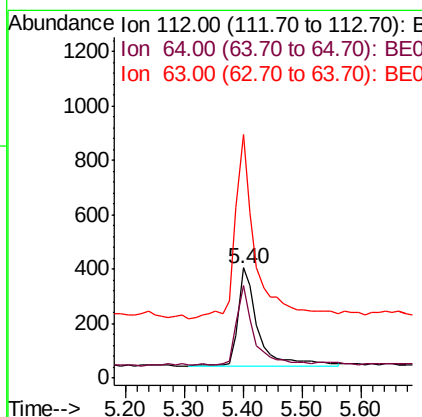
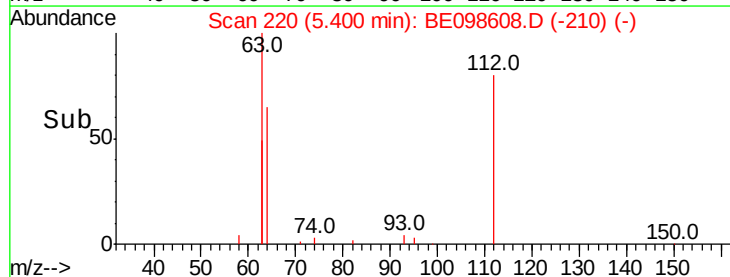
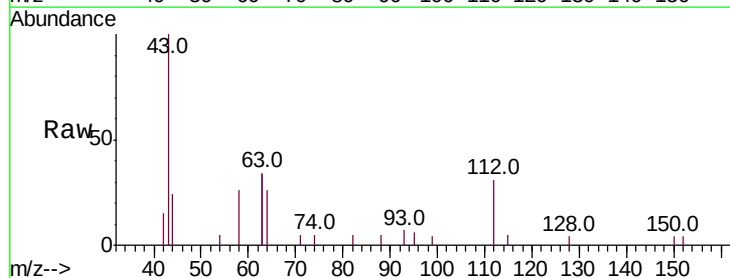
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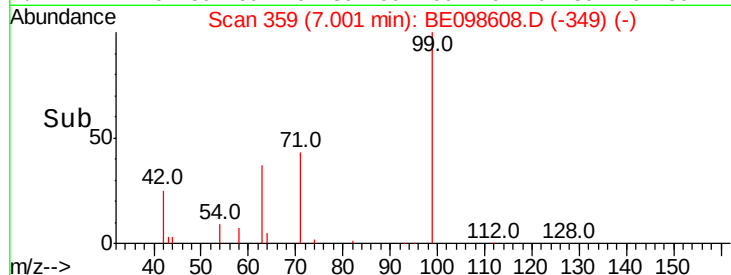
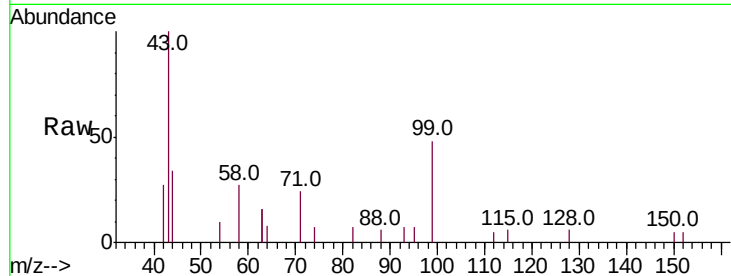
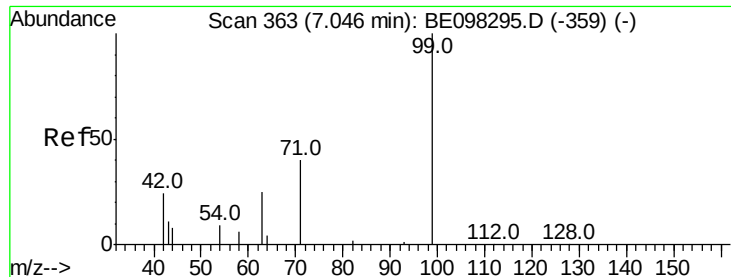
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#4
2-Fluorophenol
Concen: 0.326 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	59.8	89.8
63	189.7	133.7	200.5





#5

Phenol-d6

Concen: 0.297 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

Tot Ion:	99	Resp:	1065
Ion Ratio	Lower	Upper	
99	100		
42	31.8	26.3	39.5
71	50.9	33.6	50.4

Instrument :

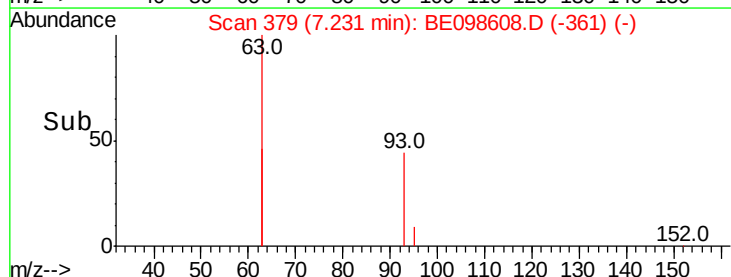
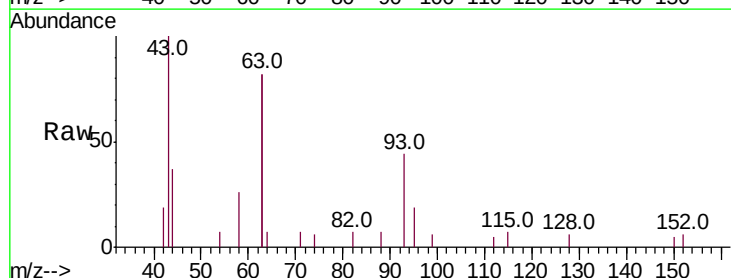
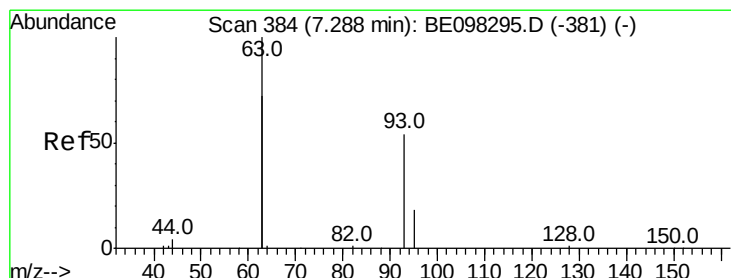
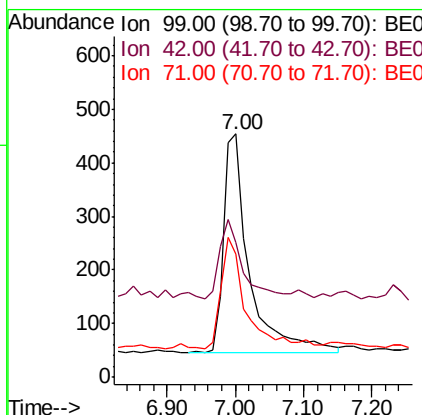
BNA_E

ClientSampleId :

PB116077BSD

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#6

bis(2-Chloroethyl)ether

Concen: 0.205 ng

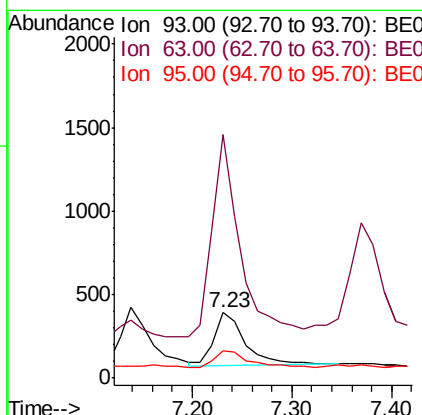
RT: 7.23 min Scan# 379

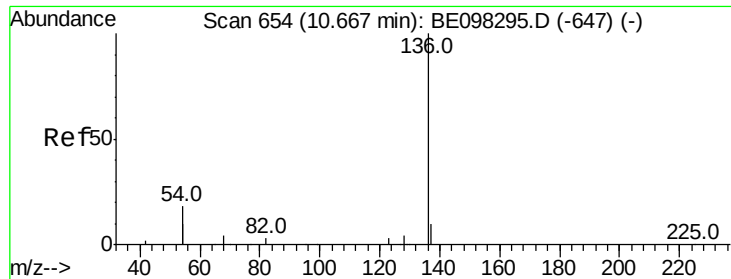
Delta R.T. 0.00 min

Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

Tgt Ion:	93	Resp:	697
Ion Ratio	Lower	Upper	
93	100		
63	339.6	264.4	396.6
95	34.3	26.6	40.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_E

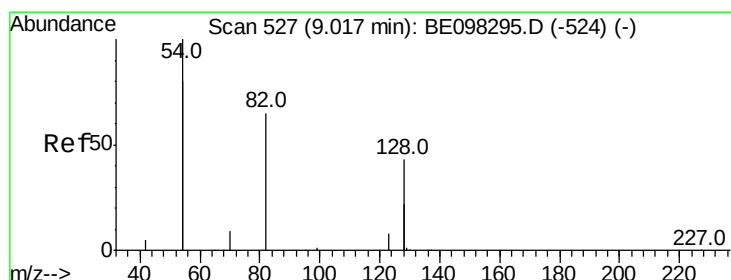
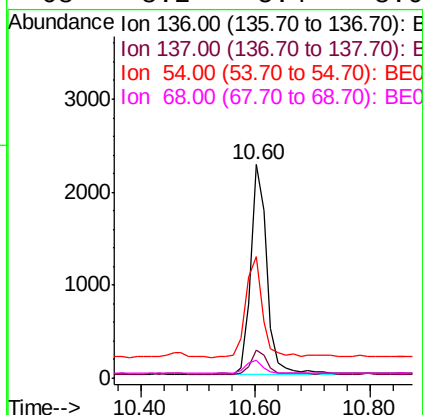
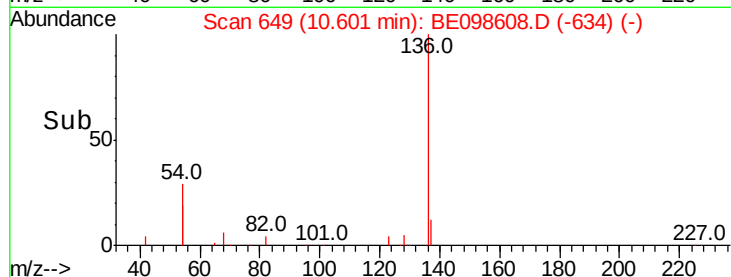
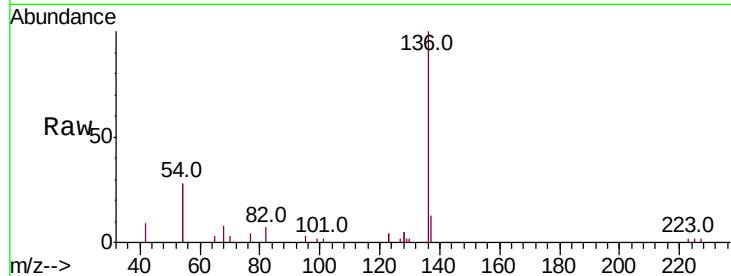
ClientSampleId :

PB116077BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.2	13.8
54	56.9	28.4	42.6#
68	8.2	5.4	8.0#

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#8

Nitrobenzene-d5

Concen: 0.258 ng

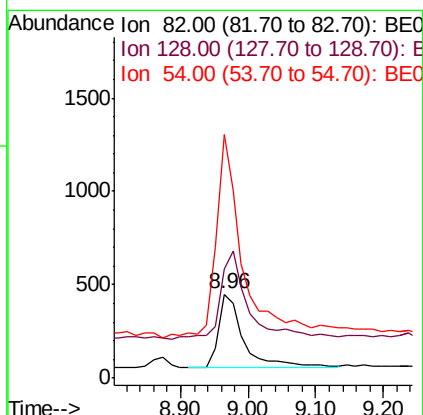
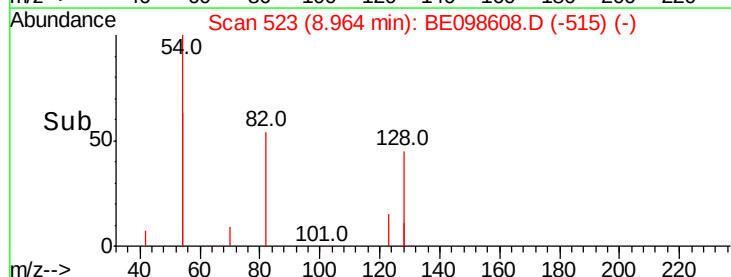
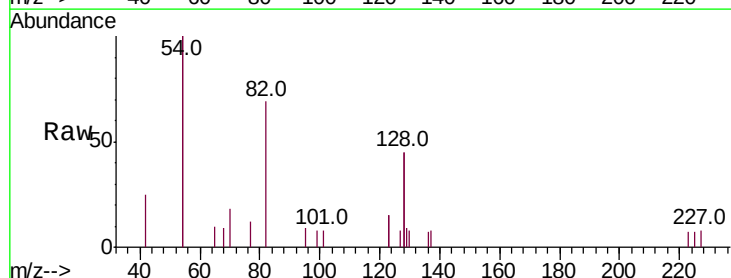
RT: 8.96 min Scan# 523

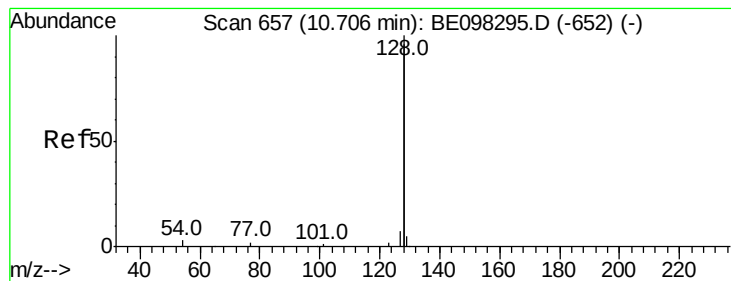
Delta R.T. 0.01 min

Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
82	100		
128	129.0	102.4	153.6
54	289.1	221.8	332.8





#9

Naphthalene

Concen: 0.241 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.01 min

Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_E

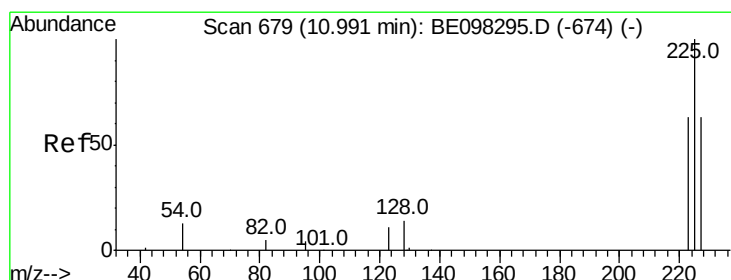
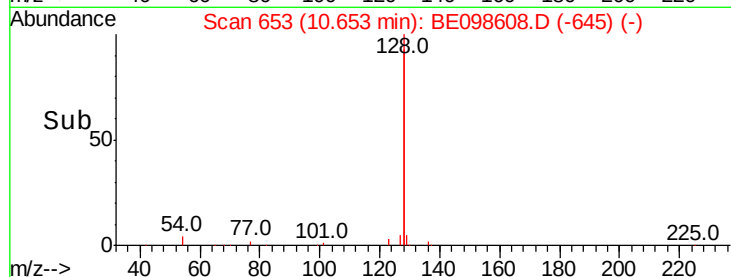
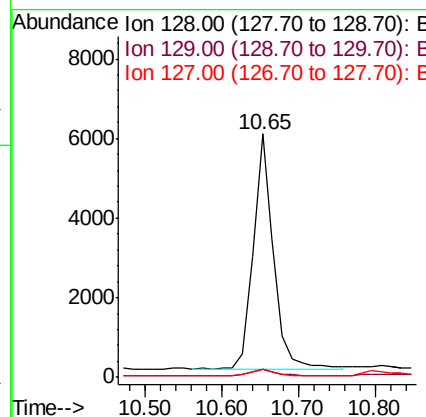
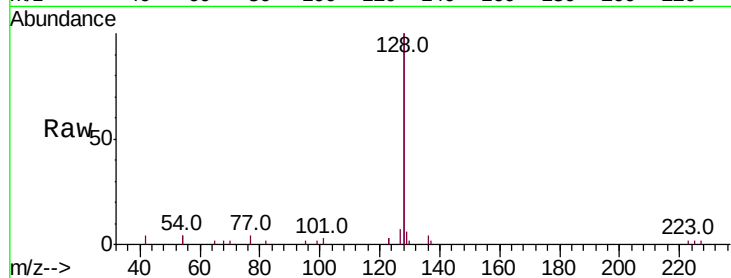
ClientSampleId :

PB116077BSD

Tot Ion:	128	Resp:	10822
Ion Ratio	Lower	Upper	
128	100		
129	3.2	2.5	3.7
127	3.5	2.7	4.1

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#10

Hexachlorobutadiene

Concen: 0.249 ng

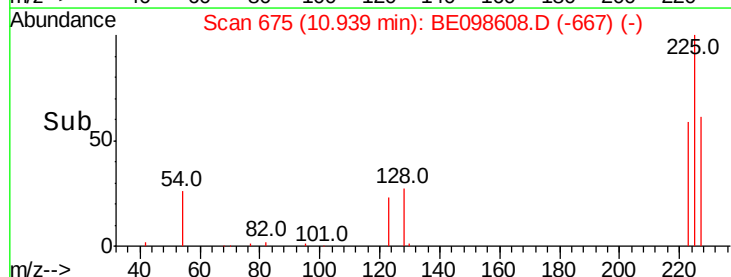
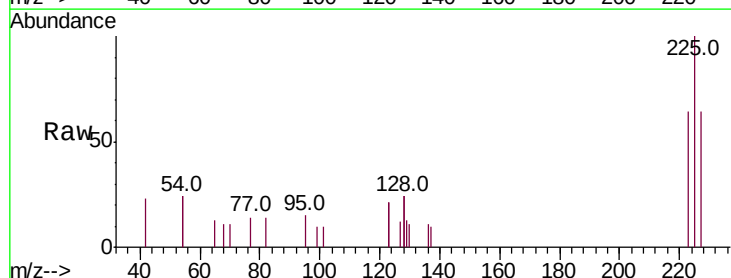
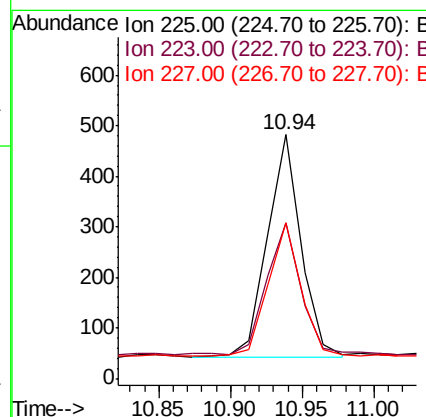
RT: 10.94 min Scan# 675

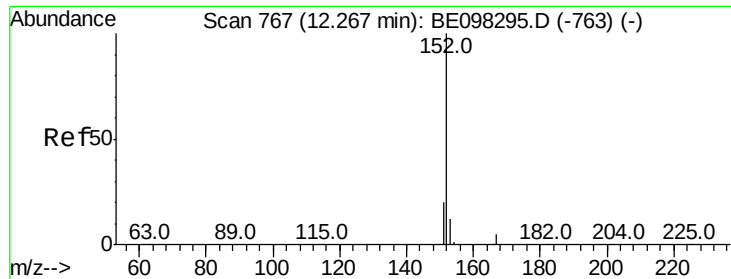
Delta R.T. 0.01 min

Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

Tgt Ion:	225	Resp:	712
Ion Ratio	Lower	Upper	
225	100		
223	58.8	49.4	74.0
227	59.4	52.0	78.0





#11

2-Methylnaphthalene-d10

Concen: 0.233 ng m

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_E

ClientSampleId :

PB116077BSD

Tot Ion:152 Resp: 1688

Ion Ratio Lower Upper

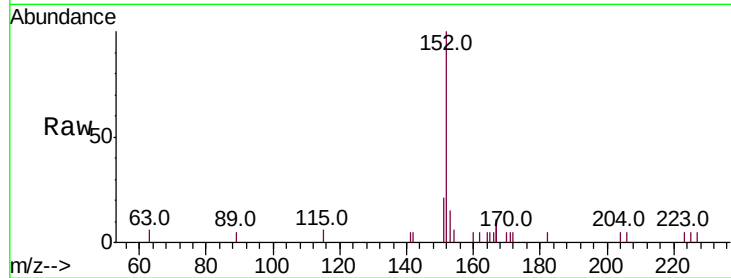
152 100

151 20.1 16.2 24.4

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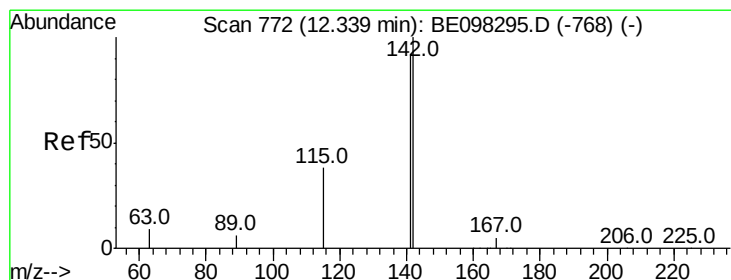
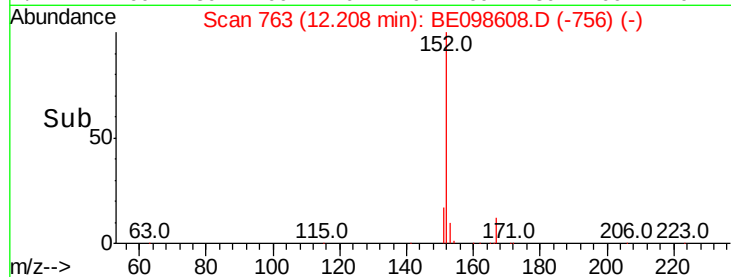
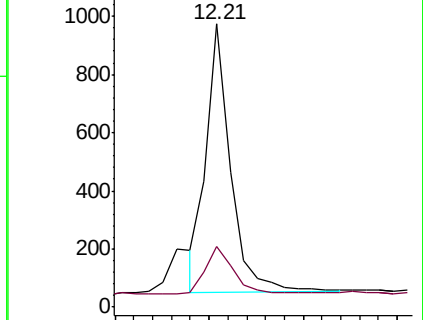
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.238 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

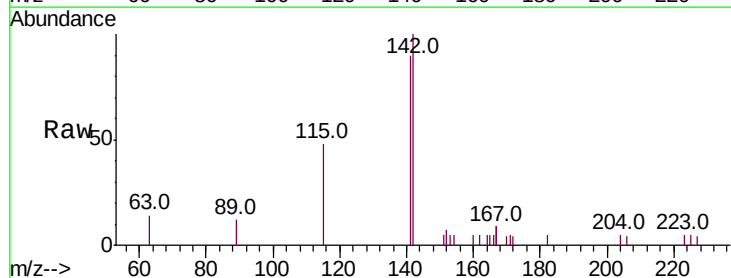
Tgt Ion:142 Resp: 1736

Ion Ratio Lower Upper

142 100

141 90.0 71.0 106.6

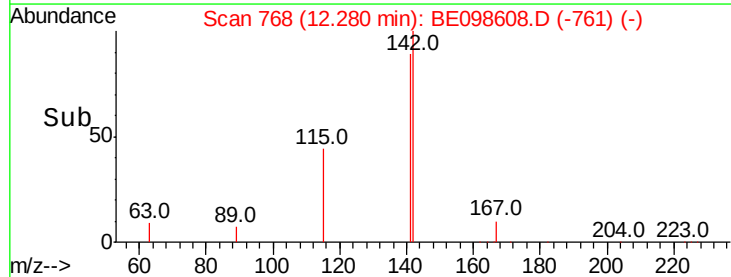
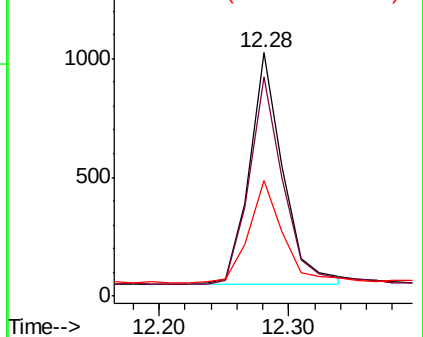
115 47.5 32.2 48.2

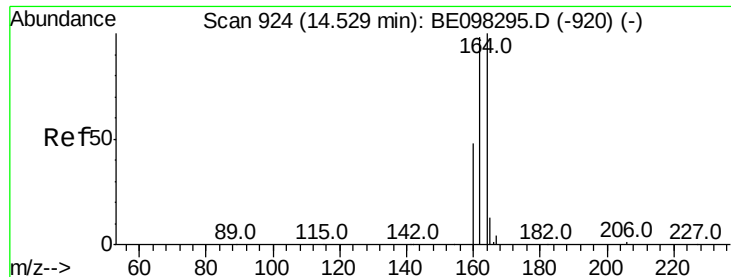


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





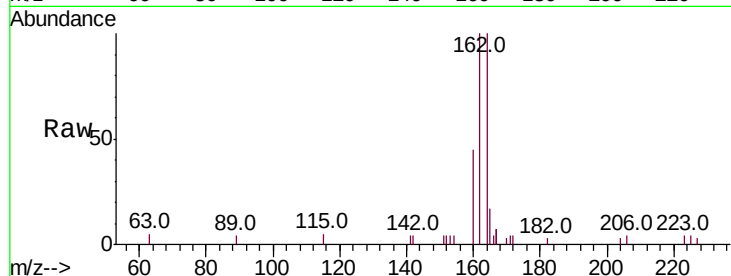
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. 0.02 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB116077BSD

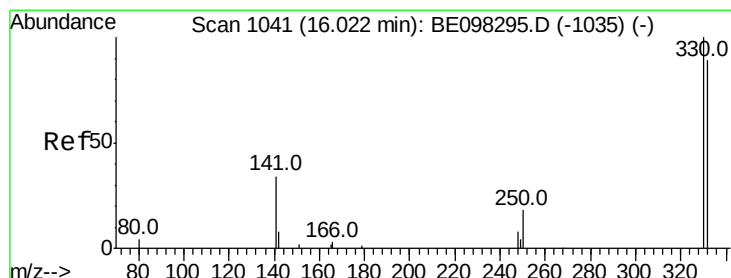
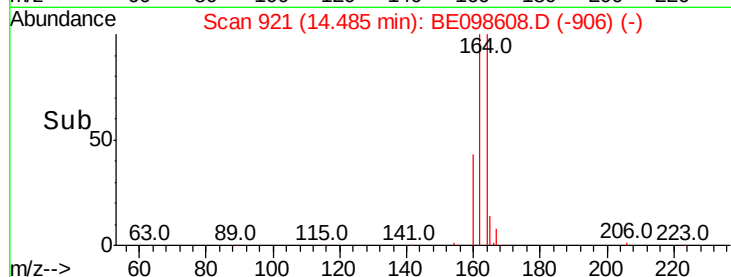
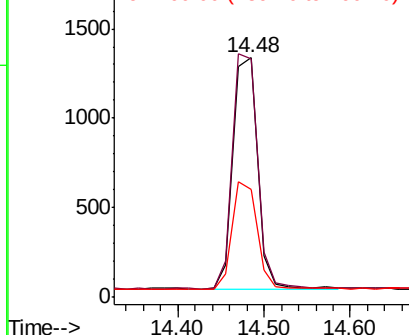
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	77.6	116.4
160	45.3	36.0	54.0

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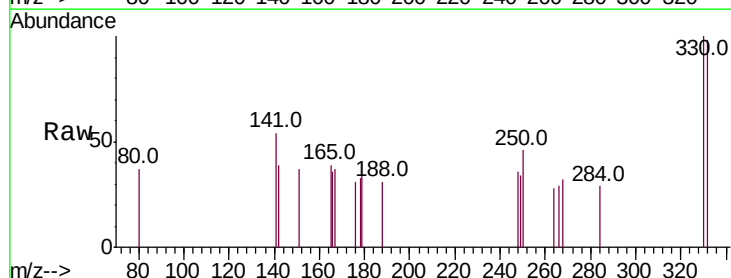


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

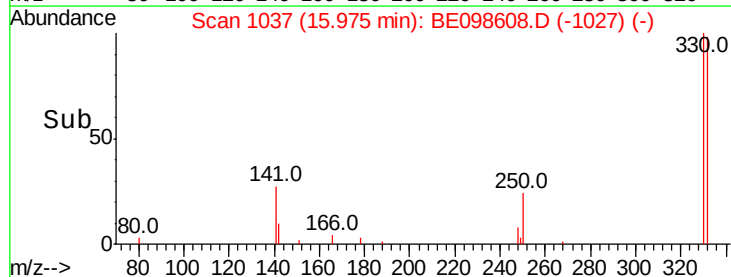
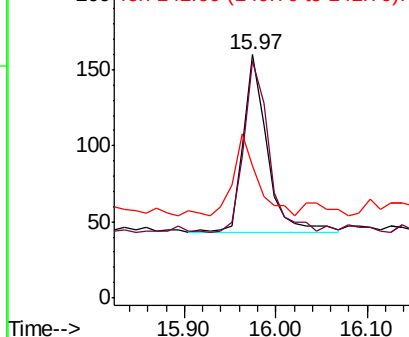


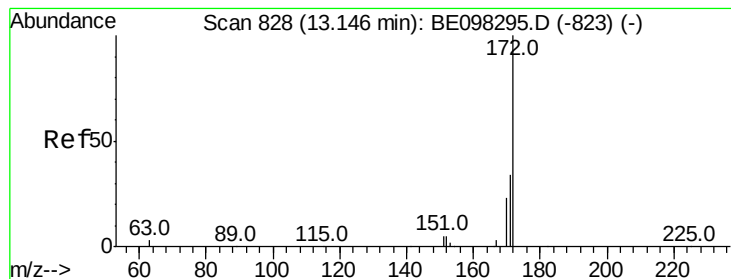
#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 15.97 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.9	76.2	114.4
141	45.6	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





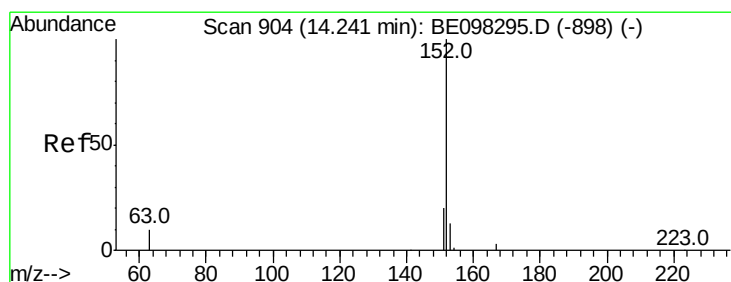
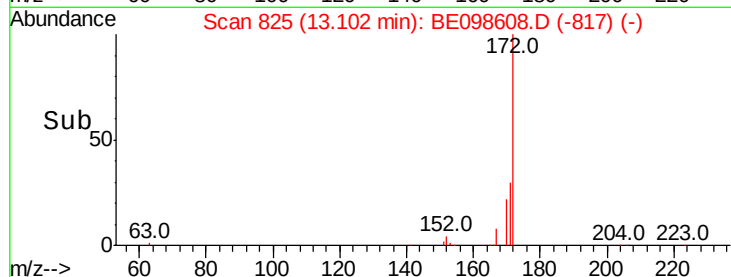
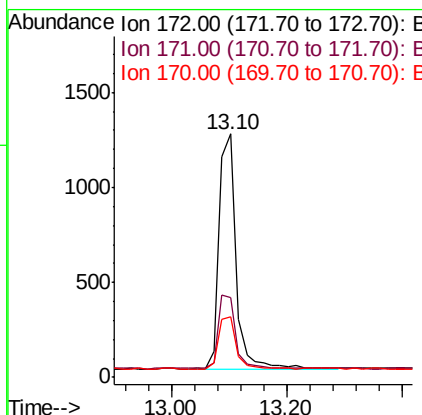
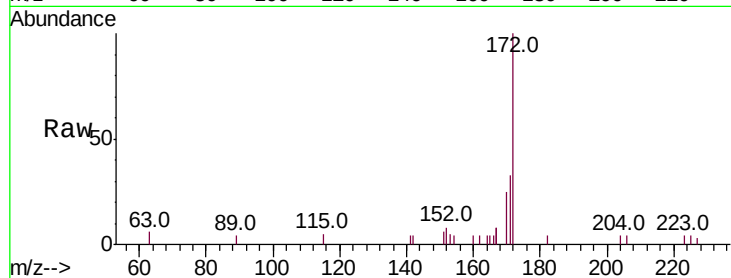
#15
2-Fluorobiphenyl
Concen: 0.237 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.02 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB116077BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	32.8	27.5	41.3
170	24.8	19.6	29.4

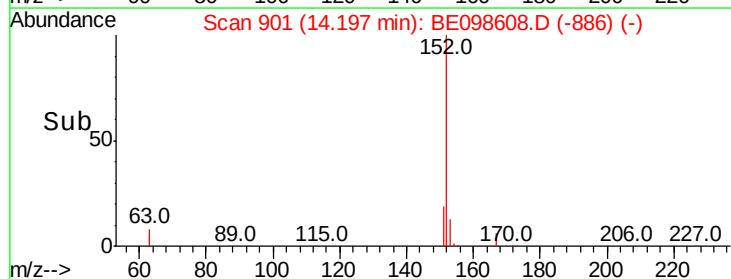
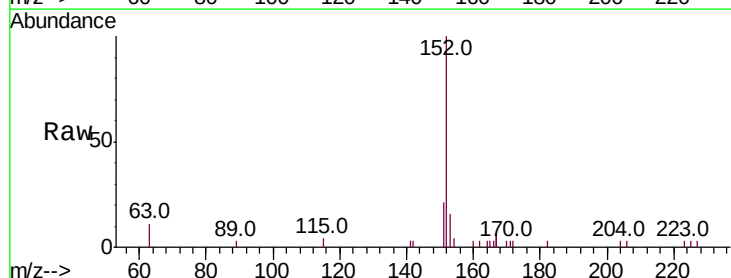
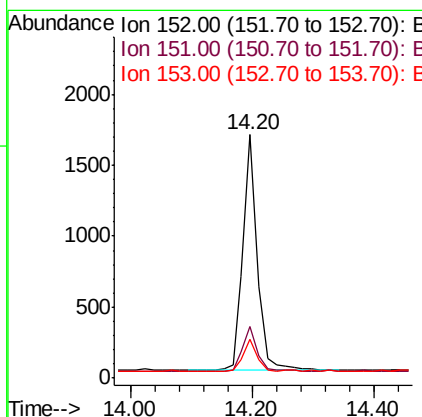
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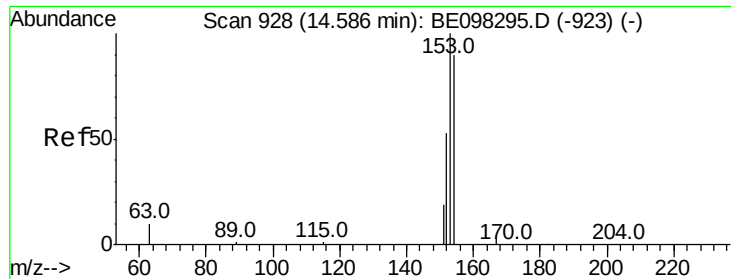
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#16
Acenaphthylene
Concen: 0.233 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.02 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.5	23.3
153	14.0	10.6	16.0





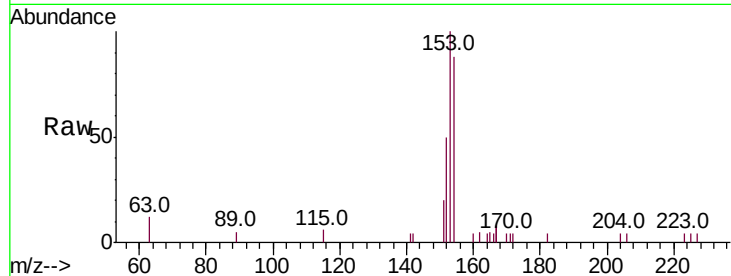
#17
Acenaphthene
Concen: 0.222 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB116077BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	119.2	91.8	137.6
152	55.4	45.5	68.3

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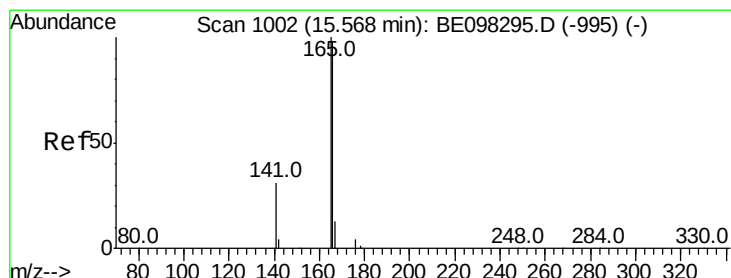
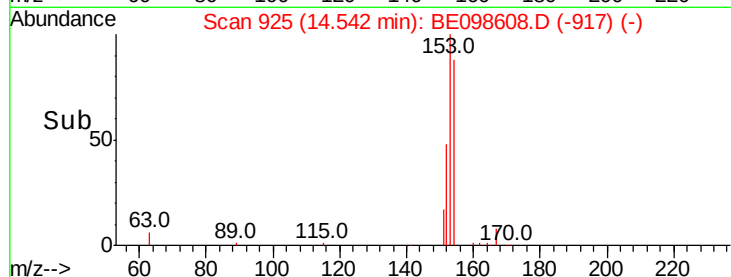
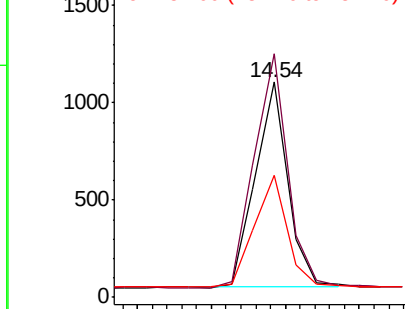


Abundance

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: 0.215 ng
RT: 15.52 min Scan# 998
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

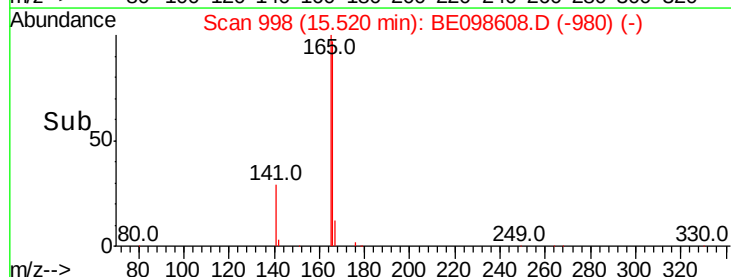
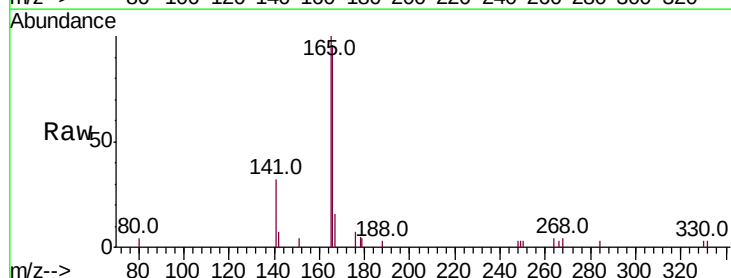
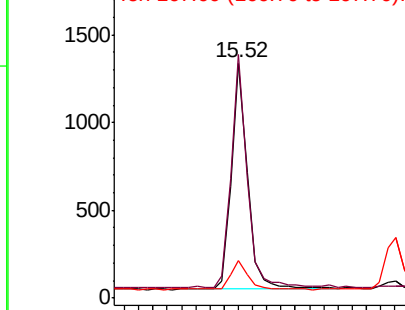
Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.5	79.3	118.9
167	13.7	11.3	16.9

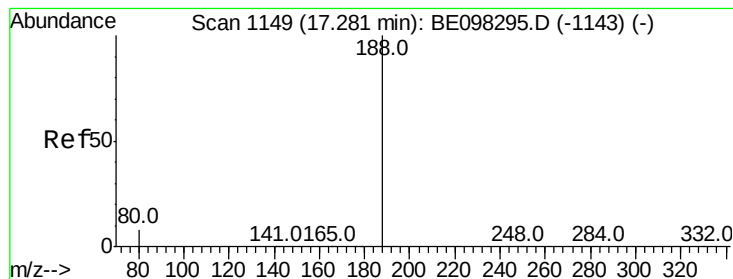
Abundance

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: 17.22 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_E

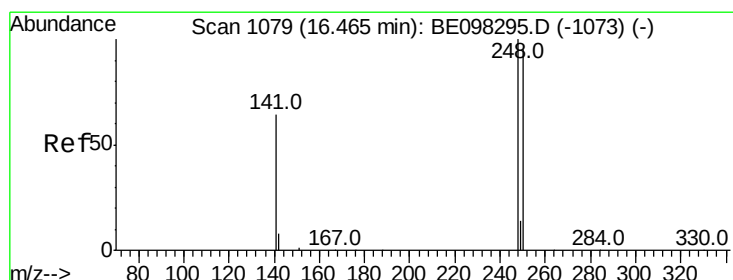
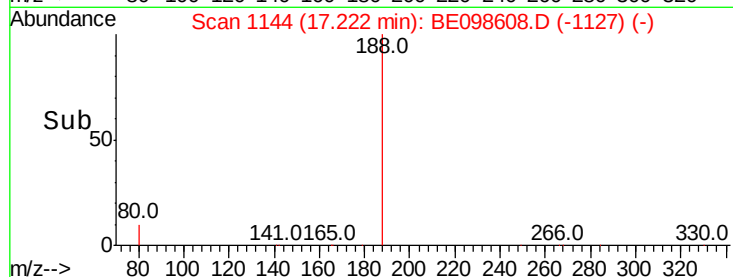
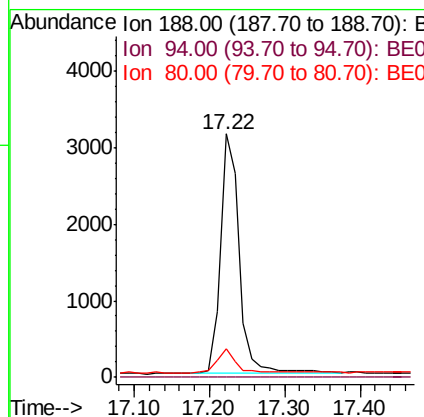
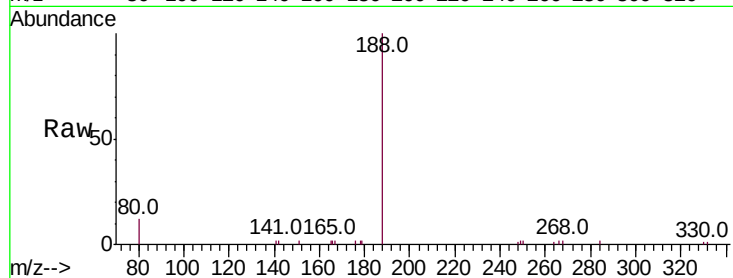
ClientSampleId :

PB116077BSD

Tot Ion:	188	Resp:	5466
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.9	7.2	10.8#

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#20

4-Bromophenyl-phenylether

Concen: 0.226 ng

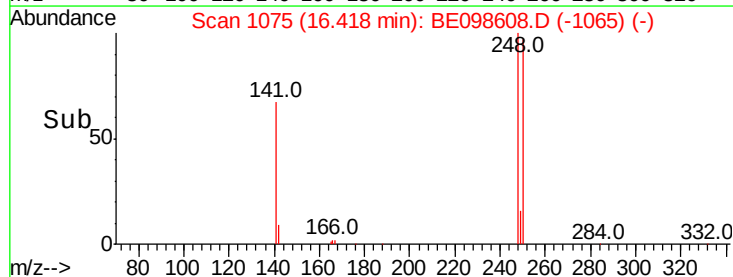
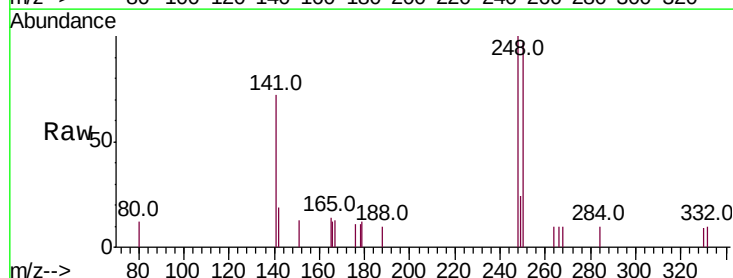
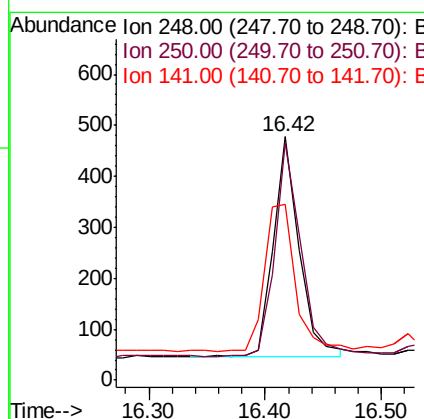
RT: 16.42 min Scan# 1075

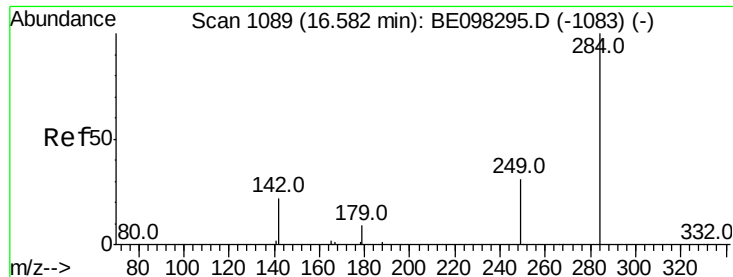
Delta R.T. 0.01 min

Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

Tgt Ion:	248	Resp:	664
Ion Ratio	Lower	Upper	
248	100		
250	97.5	71.0	106.6
141	72.2	62.1	93.1





#21

Hexachlorobenzene

Concen: 0.237 ng

RT: 16.53 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_E

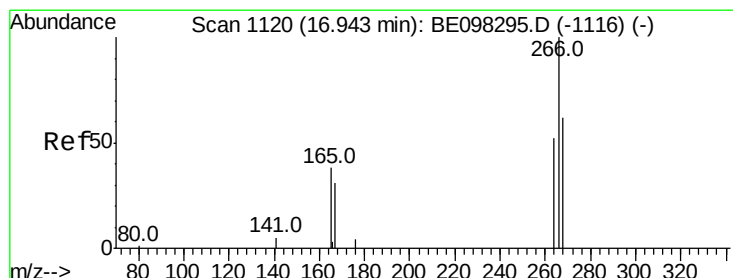
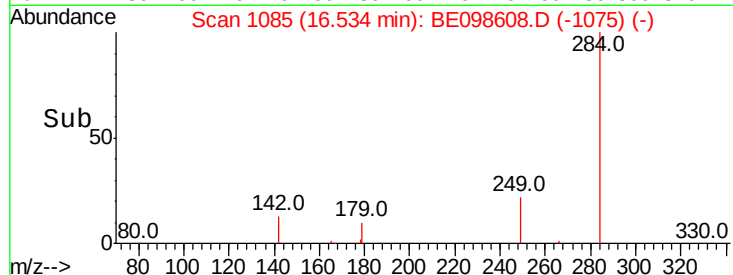
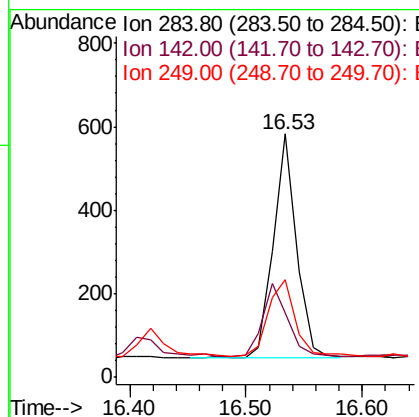
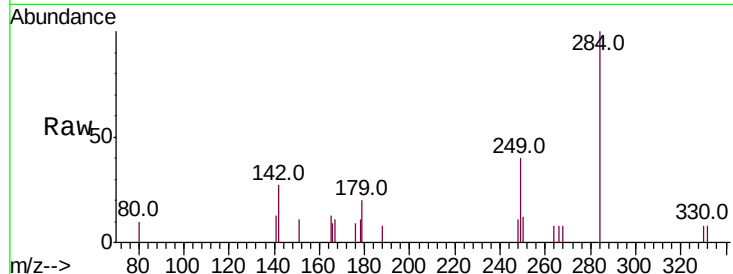
ClientSampleId :

PB116077BSD

Tot Ion:	284	Resp:	750
Ion Ratio	Lower	Upper	
284	100		
142	33.6	26.3	39.5
249	39.2	26.0	39.0#

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#22

Pentachlorophenol

Concen: 0.229 ng

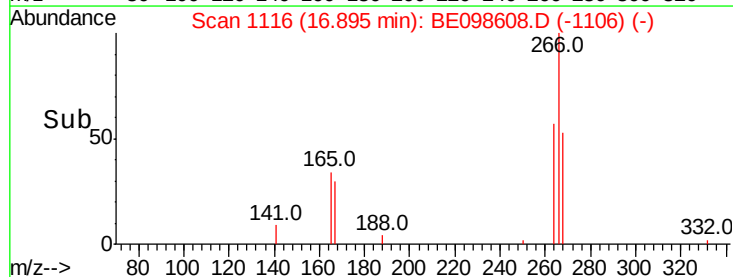
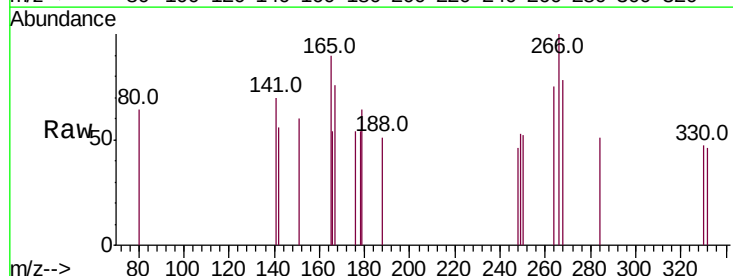
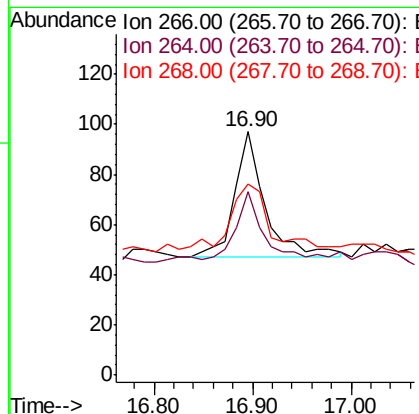
RT: 16.90 min Scan# 1116

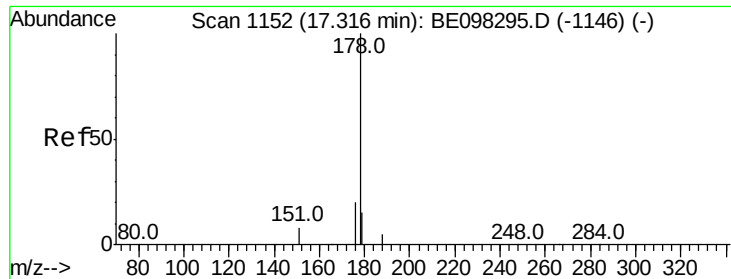
Delta R.T. 0.01 min

Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

Tgt Ion:	266	Resp:	107
Ion Ratio	Lower	Upper	
266	100		
264	75.3	59.0	88.4
268	78.4	55.1	82.7





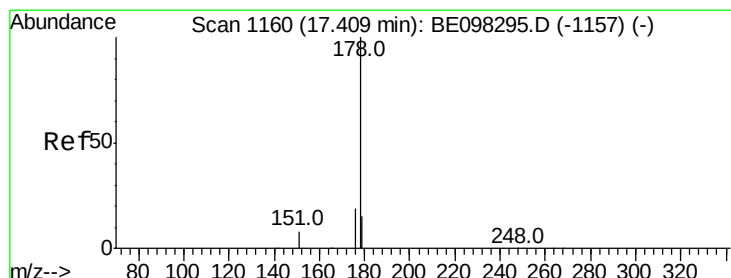
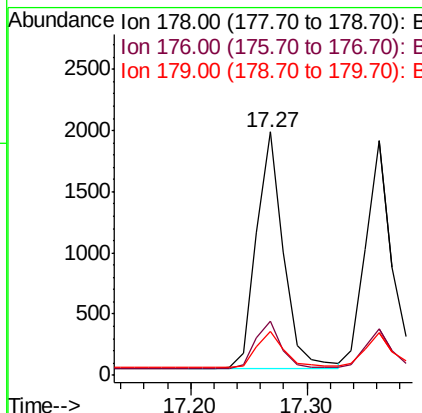
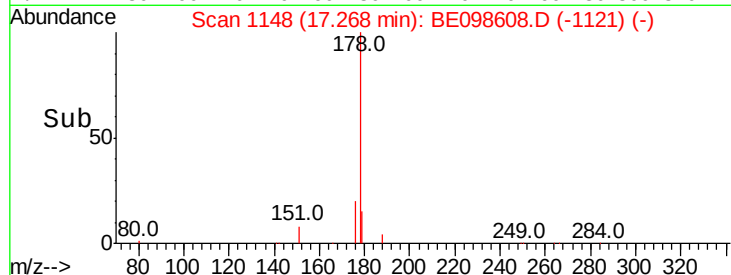
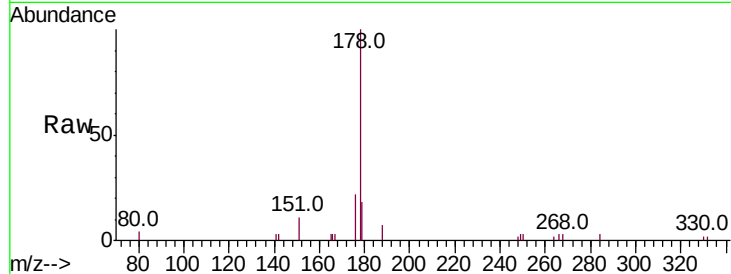
#23
Phenanthrene
Concen: 0.236 ng
RT: 17.27 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB116077BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.9	23.9
179	15.9	12.3	18.5

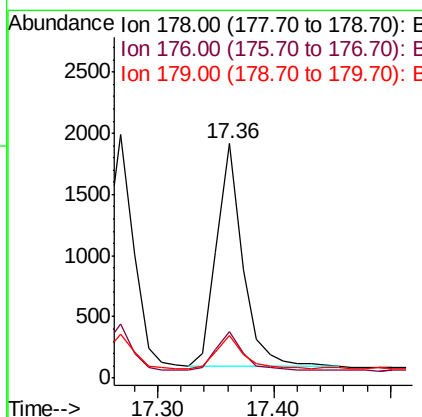
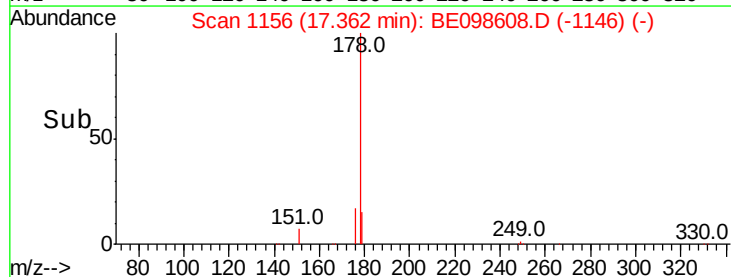
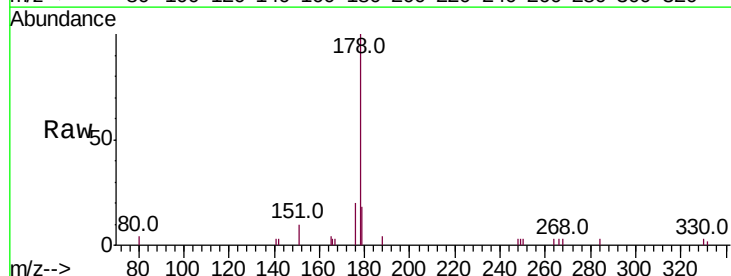
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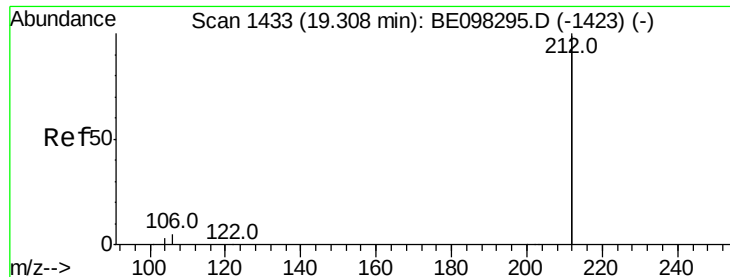
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#24
Anthracene
Concen: 0.241 ng
RT: 17.36 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.6	12.3	18.5





#25

Fluoranthene-d10

Concen: 0.232 ng

RT: 19.26 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_E

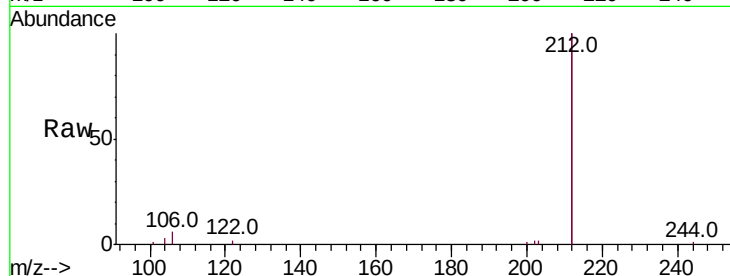
ClientSampleId :

PB116077BSD

Tot Ion:	212	Resp:	16273
Ion Ratio	Lower	Upper	
212	100		
106	2.4	2.2	3.2
104	1.3	1.3	1.9

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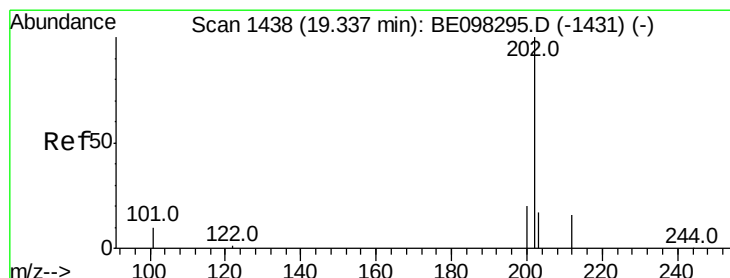
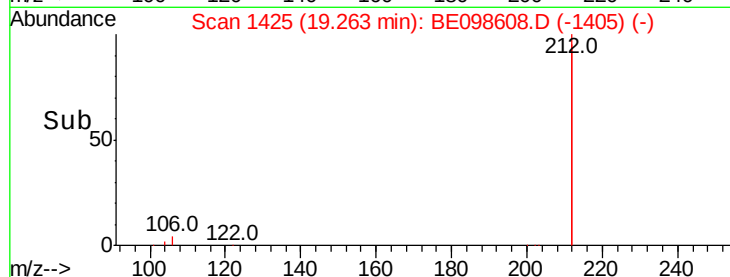
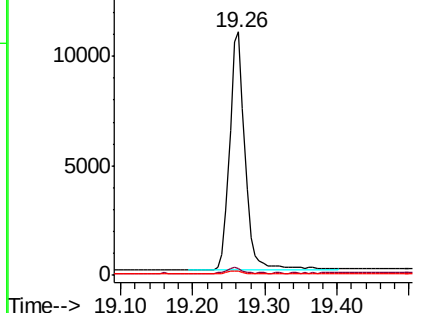
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Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.222 ng

RT: 19.29 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BE098608.D

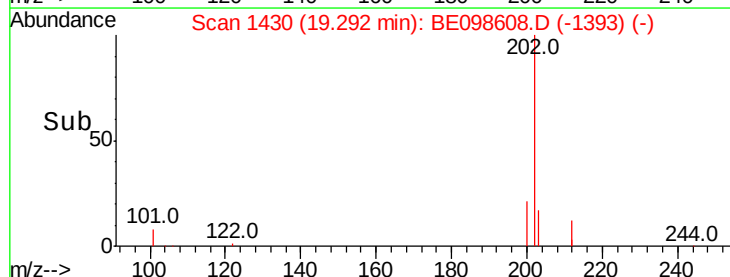
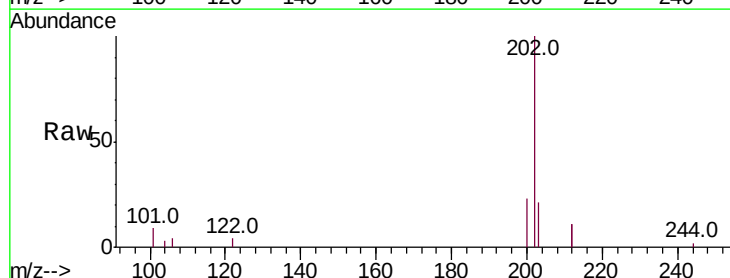
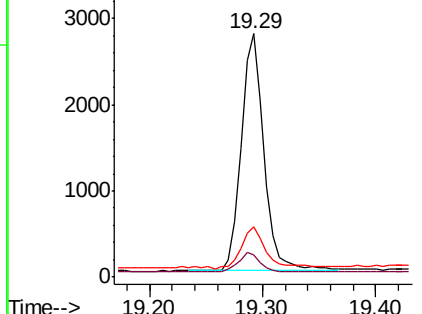
Acq: 2 Jan 2019 15:16

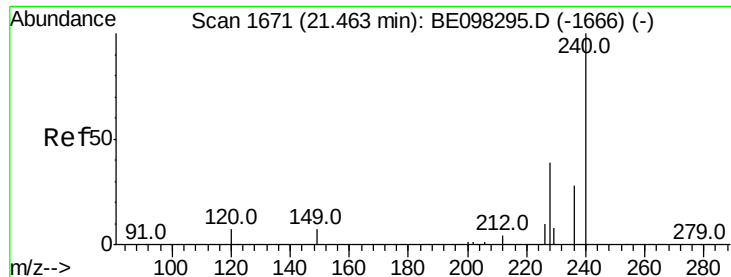
Tgt Ion:	202	Resp:	3896
Ion Ratio	Lower	Upper	
202	100		
101	8.2	8.0	12.0
203	19.1	13.8	20.6

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_E

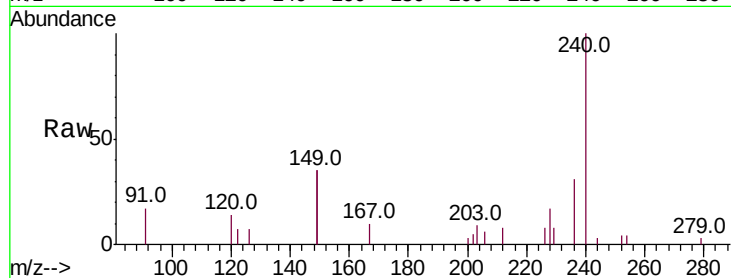
ClientSampleID :

PB116077BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	30.7	22.7	34.1

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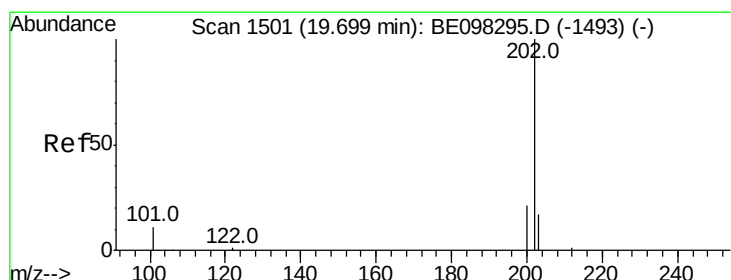
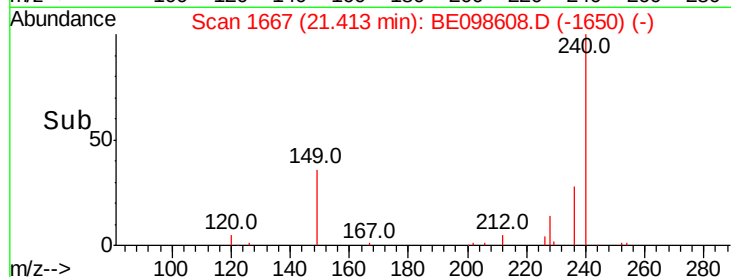
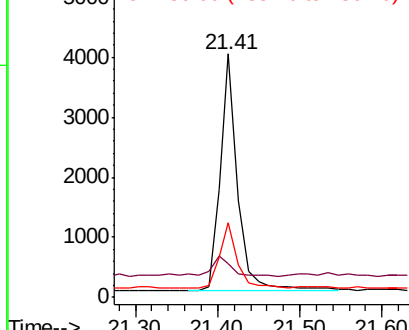


Abundance

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: 0.215 ng

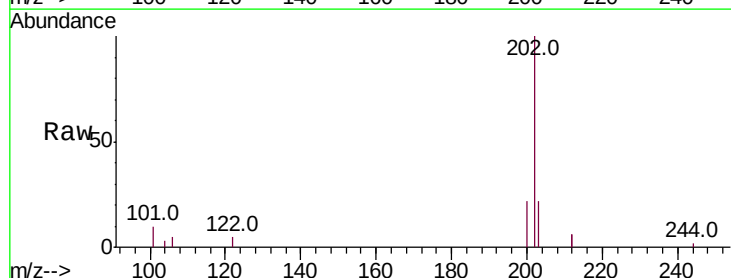
RT: 19.65 min Scan# 1493

Delta R.T. 0.01 min

Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.7	25.1
203	18.5	14.1	21.1

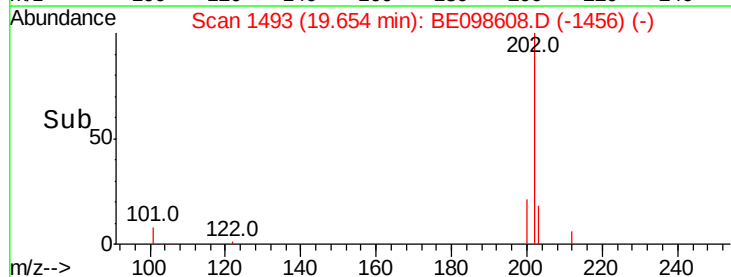
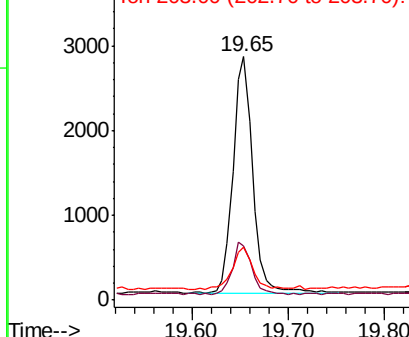


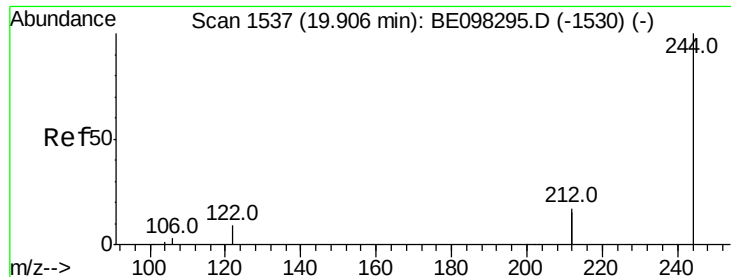
Abundance

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: 0.218 ng

RT: 19.85 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_E

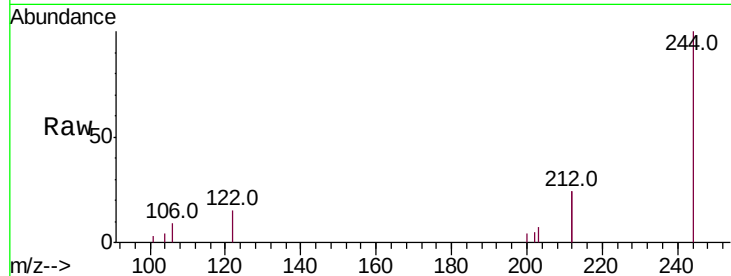
ClientSampleId :

PB116077BSD

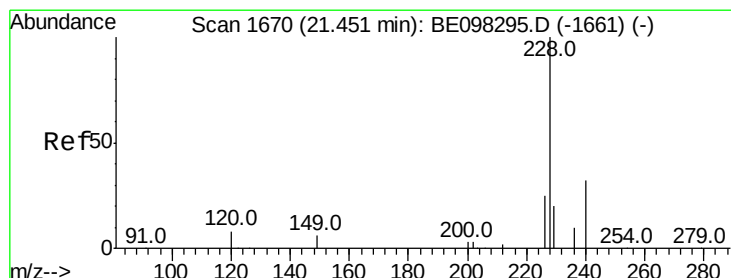
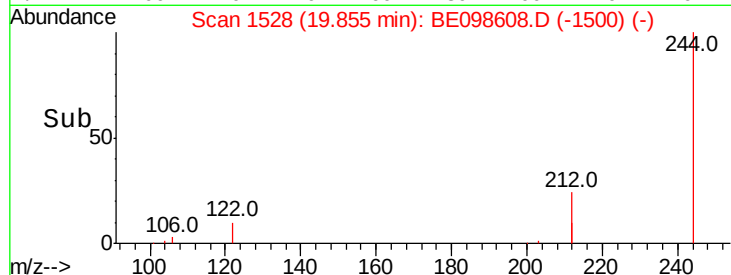
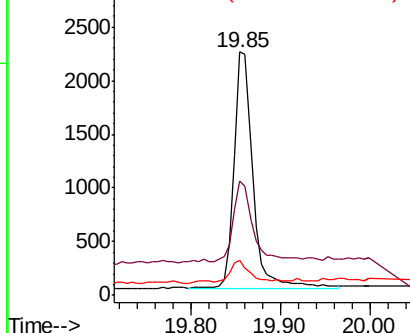
Tot Ion:	244	Resp:	3085
Ion Ratio	Lower	Upper	
244	100		
212	47.1	27.4	41.0#
122	14.5	8.3	12.5#

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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: 0.250 ng

RT: 21.40 min Scan# 1666

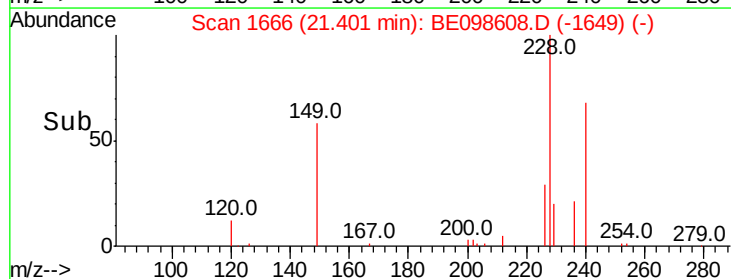
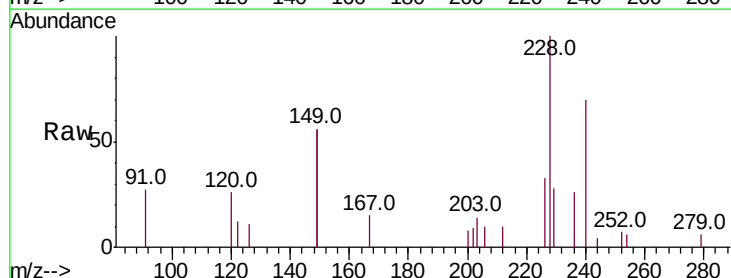
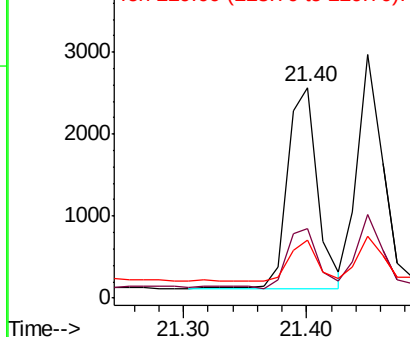
Delta R.T. 0.01 min

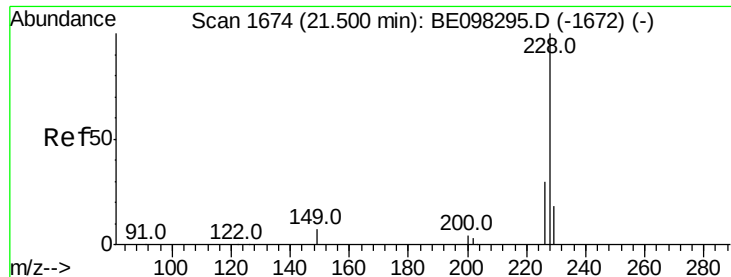
Lab File: BE098608.D

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Tgt Ion:	228	Resp:	4157
Ion Ratio	Lower	Upper	
228	100		
226	32.9	21.8	32.8#
229	27.8	16.3	24.5#

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: 0.234 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.01 min

Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_E

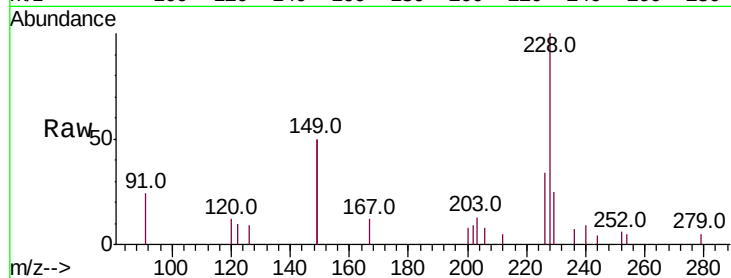
ClientSampleID :

PB116077BSD

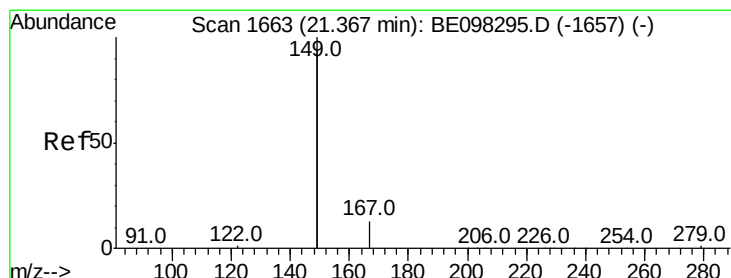
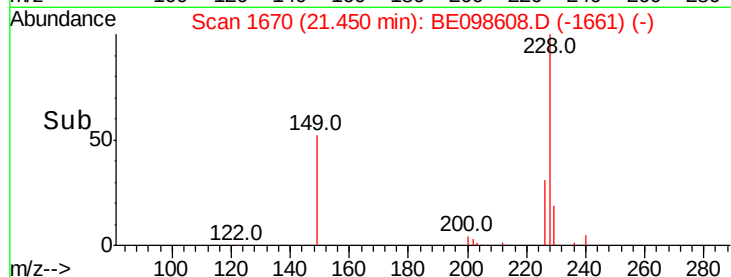
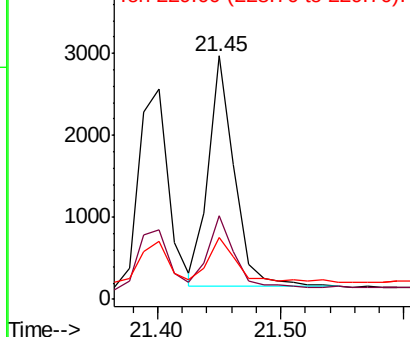
Tot Ion:	228	Resp:	4063
Ion	Ratio	Lower	Upper
228	100		
226	34.3	23.4	35.0
229	25.4	16.2	24.4#

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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: 0.297 ng

RT: 21.32 min Scan# 1659

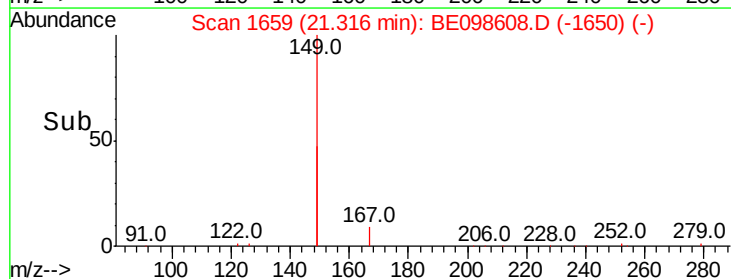
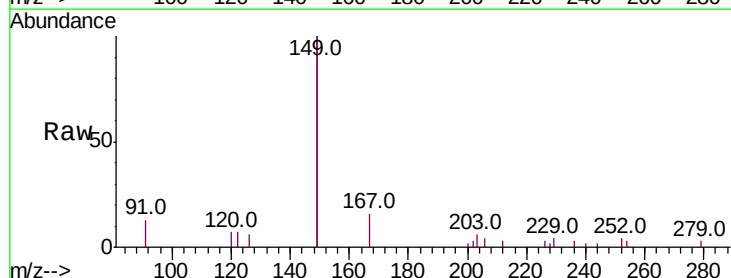
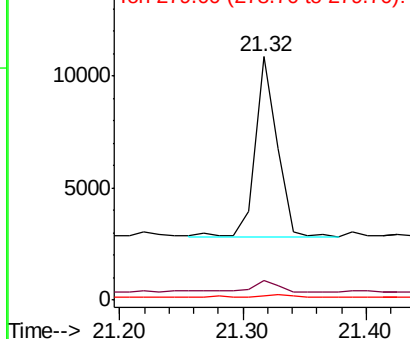
Delta R.T. 0.01 min

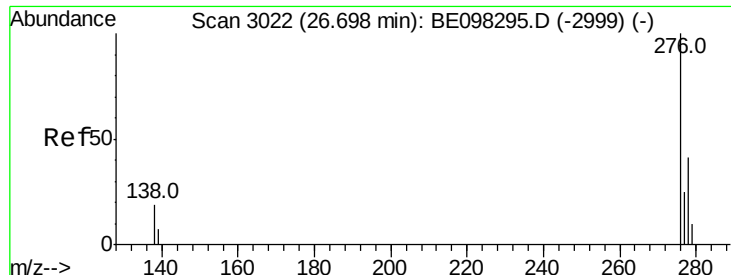
Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

Tgt Ion:	149	Resp:	10033
Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.7	8.5
279	1.8	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: 0.326 ng

RT: 26.57 min Scan# 2987

Delta R.T. -0.06 min

Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_E

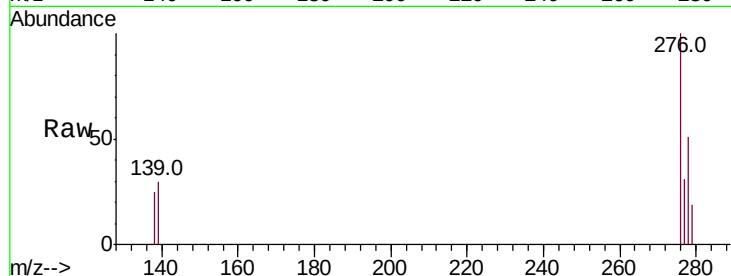
ClientSampleId :

PB116077BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.7	16.3	24.5#
277	23.9	20.2	30.4

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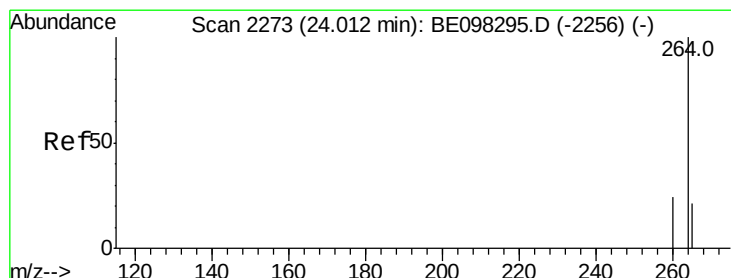
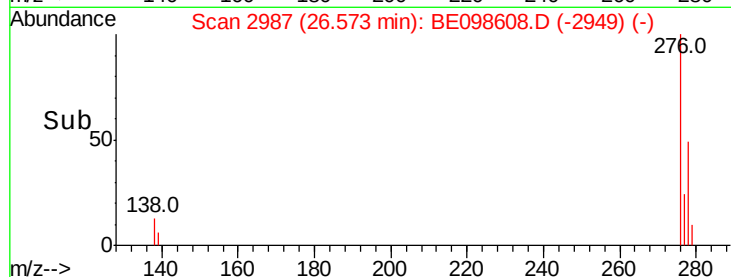
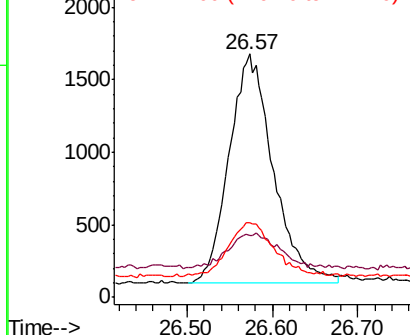


Abundance

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: 23.93 min Scan# 2249

Delta R.T. -0.03 min

Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

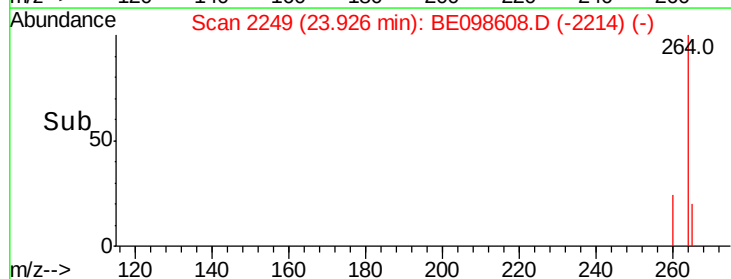
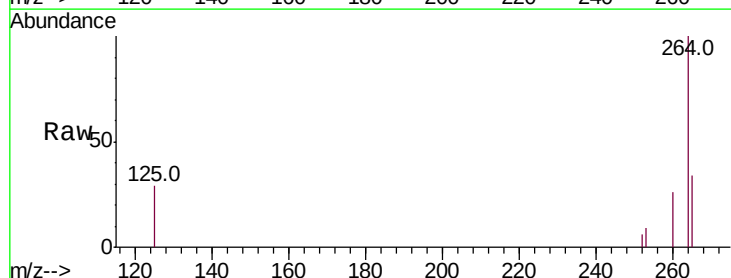
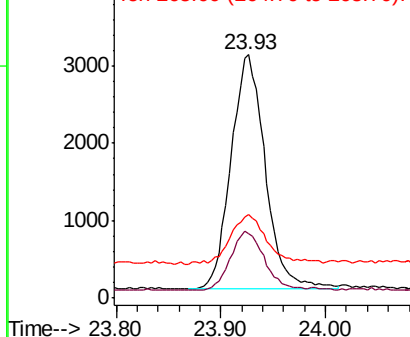
Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.2	30.2
265	34.3	25.2	37.8

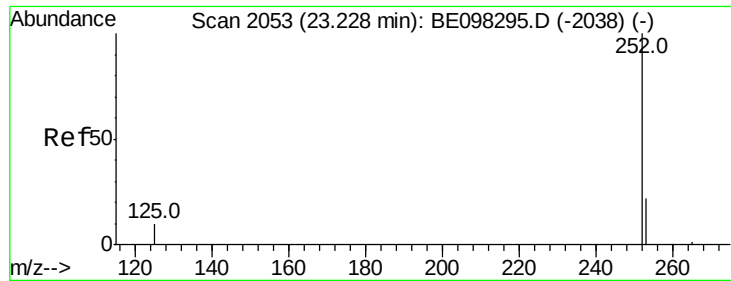
Abundance

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





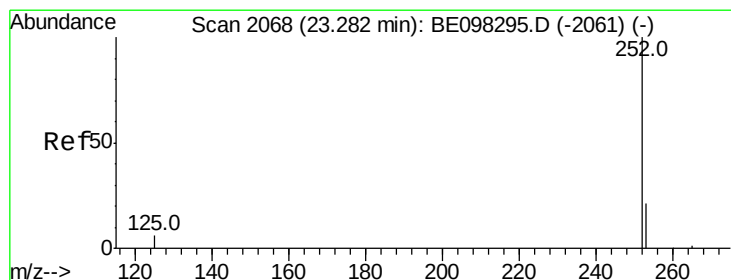
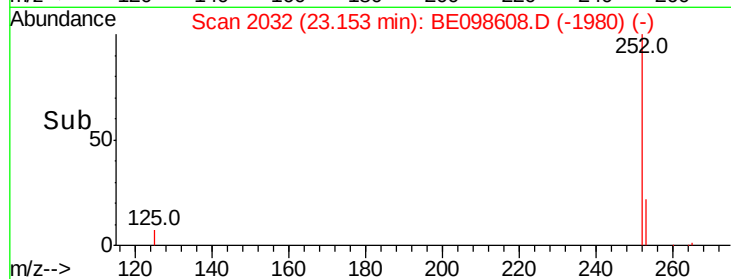
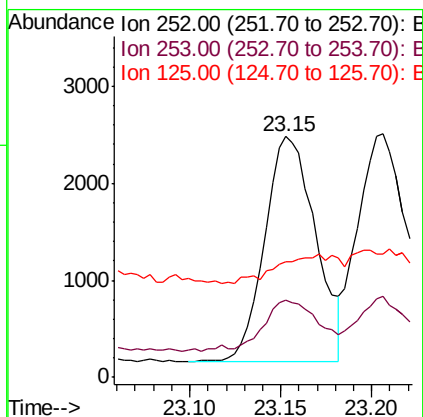
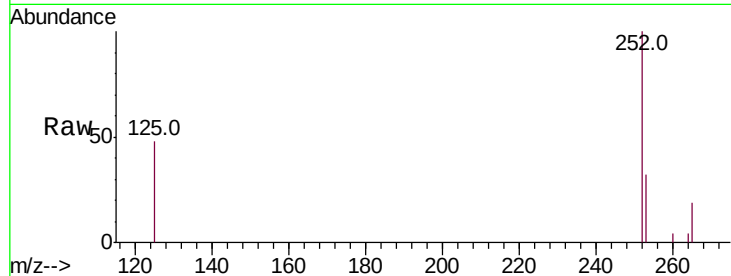
#35
Benzo(b)fluoranthene
Concen: 0.240 ng
RT: 23.15 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB116077BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.3	20.0	30.0#
125	48.0	9.6	14.4#

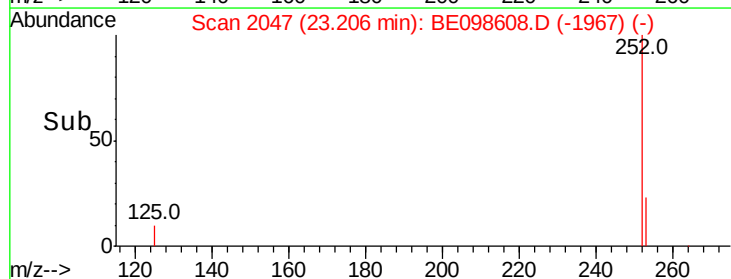
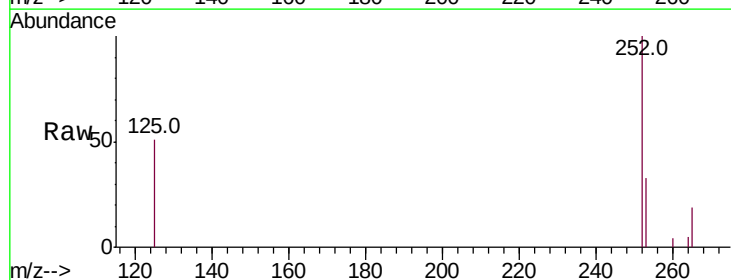
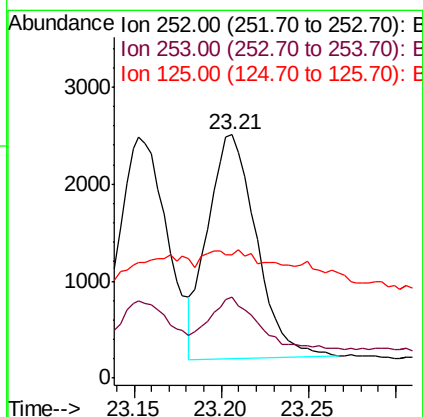
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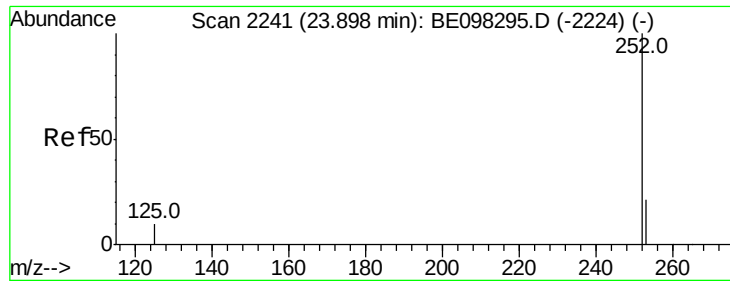
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#36
Benzo(k)fluoranthene
Concen: 0.204 ng
RT: 23.21 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.1	19.0	28.6#
125	50.5	9.1	13.7#





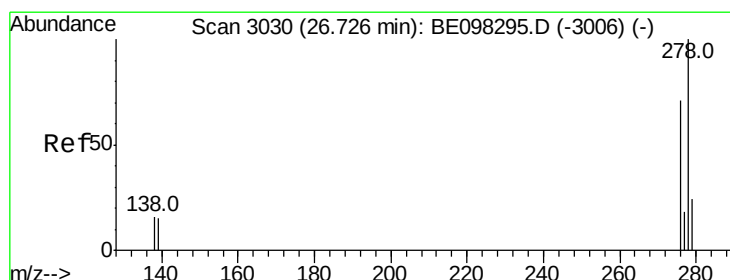
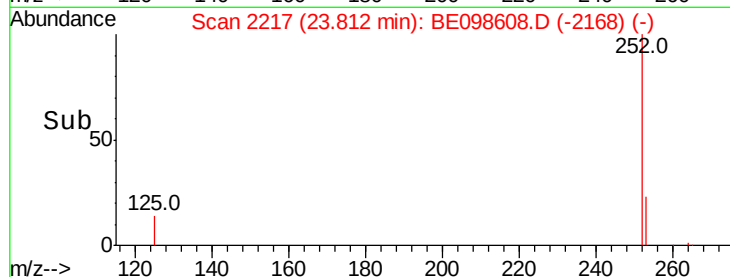
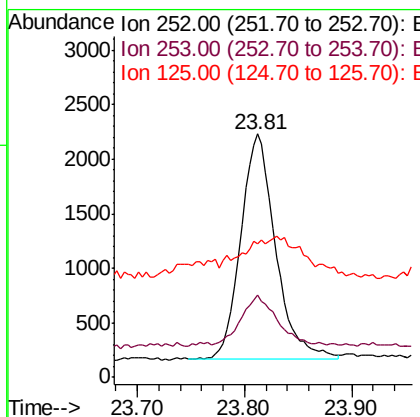
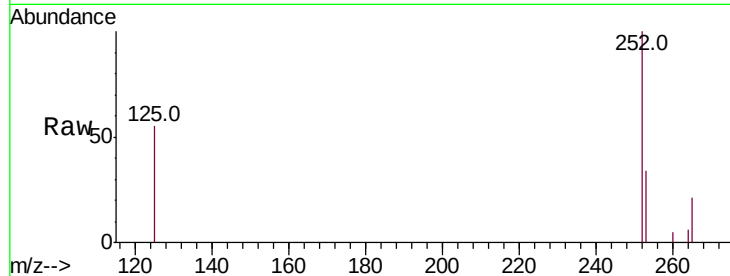
#37
Benzo(a)pyrene
Concen: 0.240 ng
RT: 23.81 min Scan# 2217
Delta R.T. -0.03 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB116077BSD

Tot Ion:252 Resp: 4649
Ion Ratio Lower Upper
252 100
253 33.7 20.6 30.8#
125 54.7 10.5 15.7#

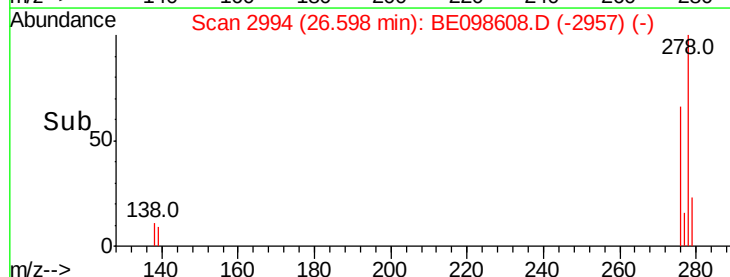
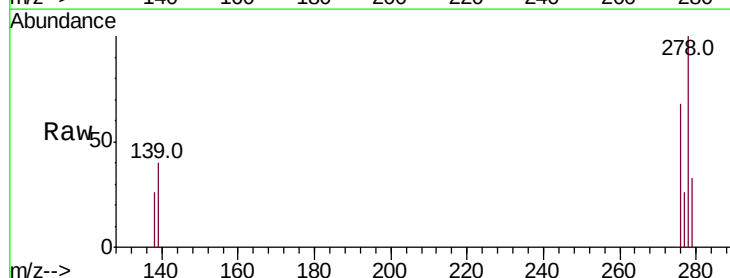
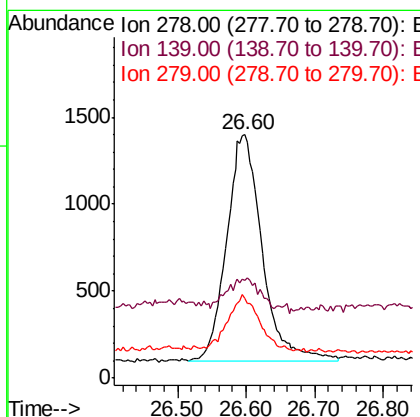
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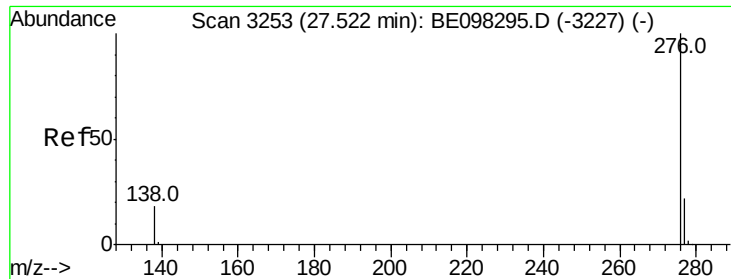
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#38
Dibenzo(a,h)anthracene
Concen: 0.256 ng
RT: 26.60 min Scan# 2994
Delta R.T. -0.07 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion:278 Resp: 4677
Ion Ratio Lower Upper
278 100
139 40.3 14.5 21.7#
279 32.9 21.8 32.8#





#39

Benzo(a,h,i)perylene

Concen: 0.259 ng

RT: 27.39 min Scan# 3215

Delta R.T. -0.08 min

Lab File: BE098608.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_E

ClientSampleId :

PB116077BSD

Tot Ion:	276	Resp:	4772
Ion Ratio	Lower	Upper	
276	100		
277	31.9	20.8	31.2#
138	25.5	15.8	23.6#

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