

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032019\
 Data File : BE099068.D
 Acq On : 20 Mar 2019 14:38
 Operator : JU/SJ
 Sample : PB118045BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118045BS

Manual Integrations
 APPROVED

Sohil
 3/20/2019 6:54:02 PM

Quant Time: Mar 20 15:17:26 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Mar 15 05:31:33 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	698	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3122	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2080	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	5764	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	6387	0.40	ng	-0.01
34) Perylene-d12	23.89	264	5884	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.42	112	453	0.22	ng	0.04
5) Phenol-d6	7.01	99	567	0.19	ng	0.03
8) Nitrobenzene-d5	8.99	82	520	0.16	ng	0.03
11) 2-Methylnaphthalene-d10	12.19	152	1419	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	159	0.15	ng	0.01
15) 2-Fluorobiphenyl	13.09	172	1923	0.22	ng	0.00
25) Fluoranthene-d10	19.24	212	17211	0.19	ng	0.00
29) Terphenyl-d14	19.84	244	3238	0.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	512	0.372	ng	# 64
3) n-Nitrosodimethylamine	3.65	42	224	0.128	ng	# 100
6) bis(2-Chloroethyl)ether	7.25	93	225	0.099	ng	# 32
9) Naphthalene	10.64	128	7450	0.208	ng	# 97
10) Hexachlorobutadiene	10.90	225	458	0.194	ng	98
12) 2-Methylnaphthalene	12.27	142	1145	0.197	ng	91
16) Acenaphthylene	14.18	152	2027	0.189	ng	99
17) Acenaphthene	14.51	154	1299	0.205	ng	98
18) Fluorene	15.50	166	1808	0.198	ng	95
20) 4-Bromophenyl-phenylether	16.40	248	645	0.206	ng	91
21) Hexachlorobenzene	16.51	284	700	0.188	ng	96
22) Pentachlorophenol	16.91	266	18	0.279	ng	93
23) Phenanthrene	17.25	178	2996	0.183	ng	98
24) Anthracene	17.35	178	2143	0.153	ng	100
26) Fluoranthene	19.27	202	4094	0.177	ng	99
28) Pyrene	19.63	202	4323	0.221	ng	99
30) Benzo(a)anthracene	21.38	228	3557	0.178	ng	98
31) Chrysene	21.43	228	4442	0.208	ng	94
32) Bis(2-ethylhexyl)phthalate	21.29	149	8966	0.211	ng	99
33) Indeno(1,2,3-cd)pyrene	26.55	276	3045	0.135	ng	# 70
35) Benzo(b)fluoranthene	23.13	252	3600	0.186	ng	# 81
36) Benzo(k)fluoranthene	23.18	252	4510	0.223	ng	# 88
37) Benzo(a)pyrene	23.79	252	3704	0.200	ng	# 66
38) Dibenzo(a,h)anthracene	26.58	278	2380m	0.136	ng	
39) Benzo(g,h,i)perylene	27.35	276	2734	0.149	ng	# 89

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

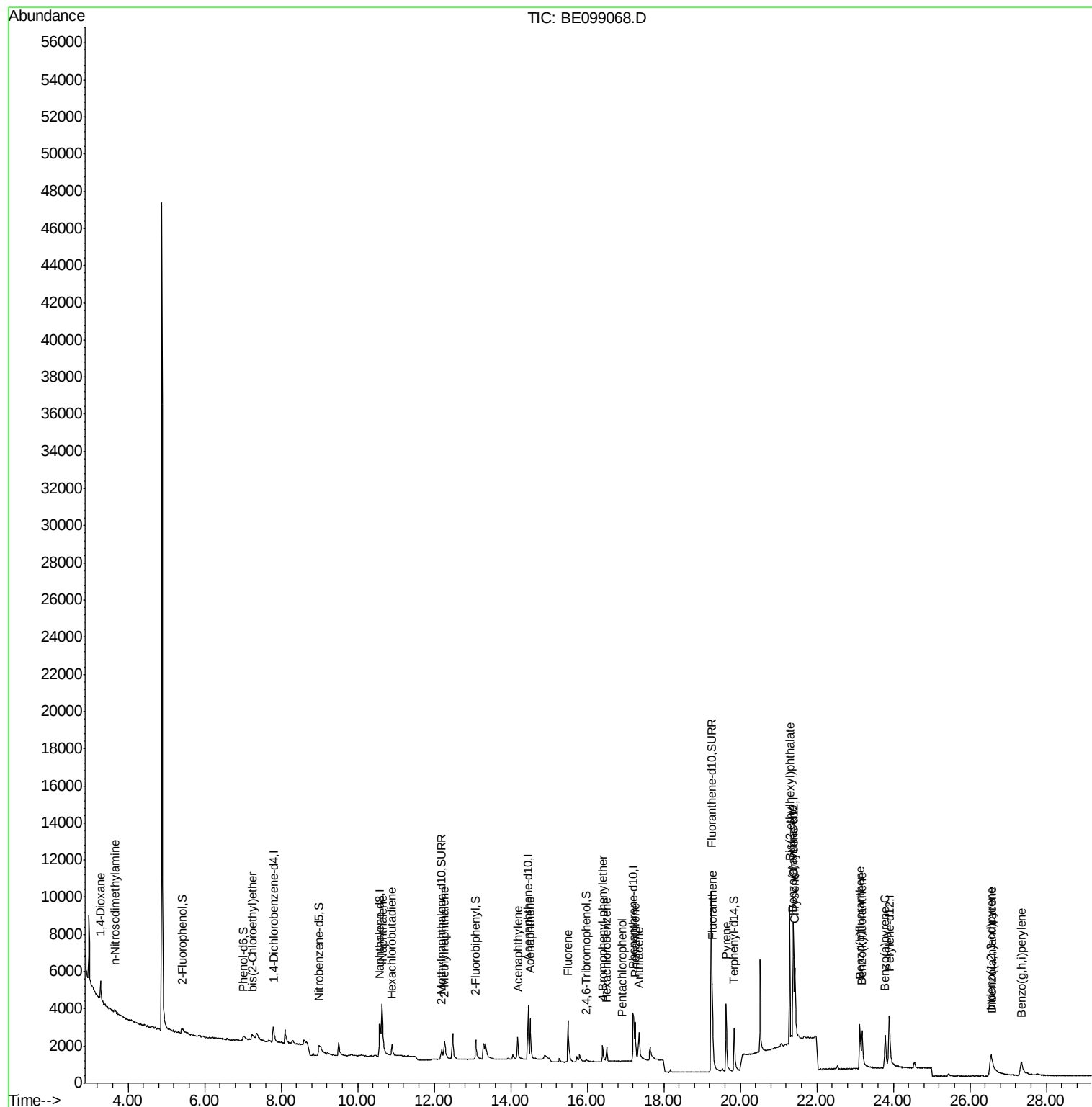
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032019\
Data File : BE099068.D
Acq On : 20 Mar 2019 14:38
Operator : JU/SJ
Sample : PB118045BS
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE099068.D

Acq: 20 Mar 2019 14:38

Instrument :

BNA_E

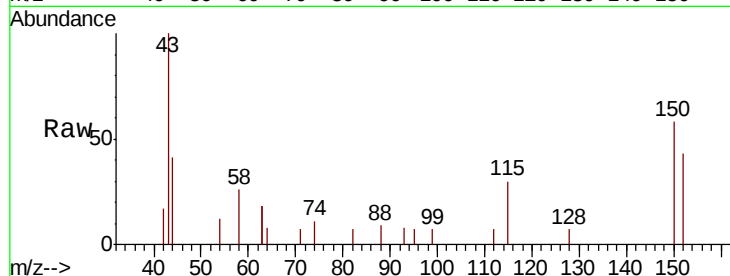
ClientSampled :

PB118045BS

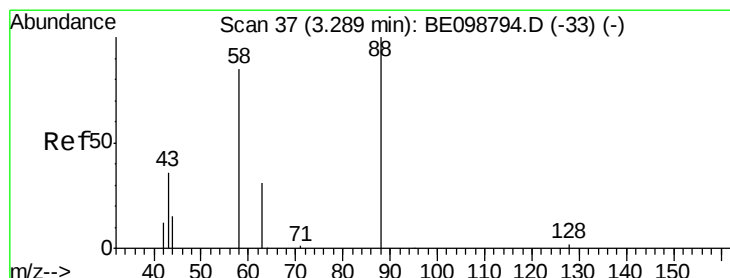
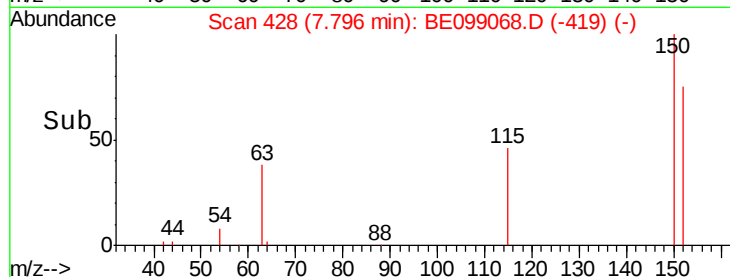
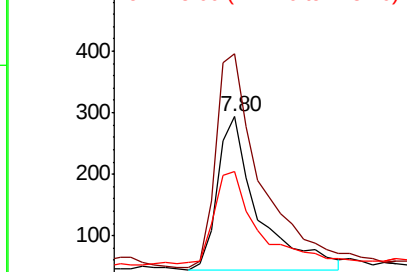
Tot Ion:	152	Resp:	698
Ion	Ratio	Lower	Upper
152	100		
150	135.2	122.5	183.7
115	70.0	57.4	86.2

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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: 0.372 ng

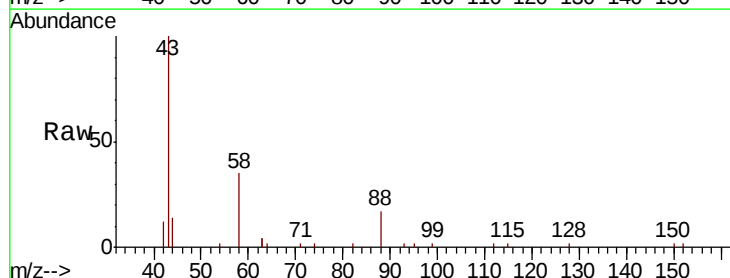
RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

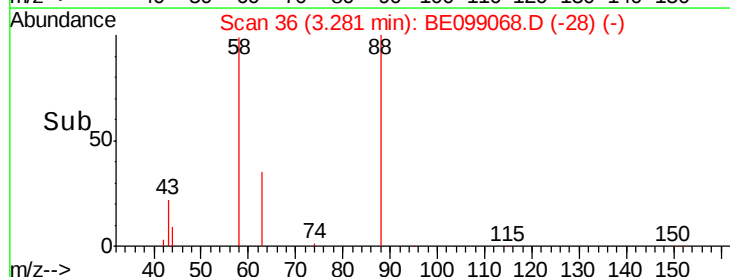
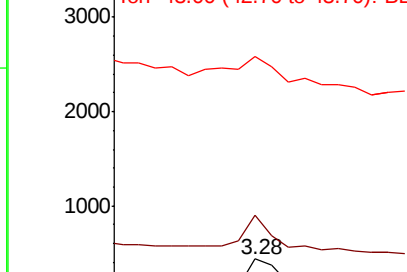
Lab File: BE099068.D

Acq: 20 Mar 2019 14:38

Tgt Ion:	88	Resp:	512
Ion	Ratio	Lower	Upper
88	100		
58	96.7	75.8	113.6
43	121.3	41.8	62.8#



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

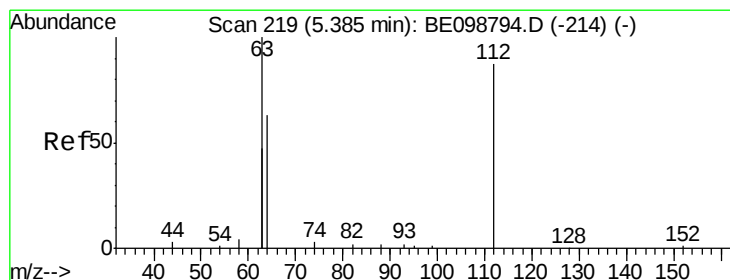
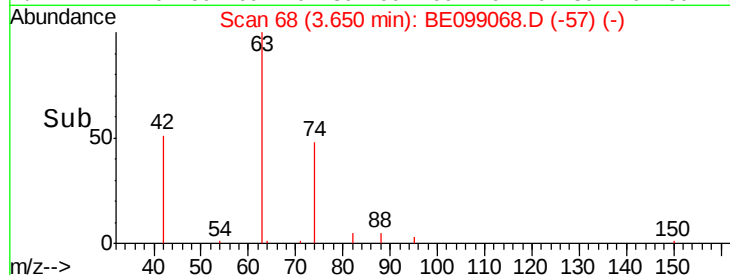
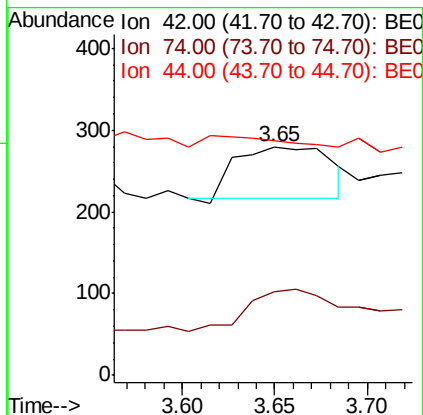
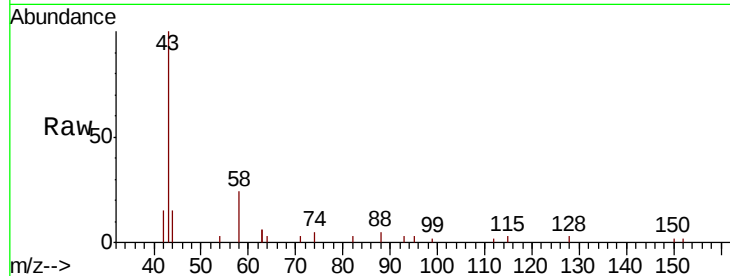
n-Nitrosodimethylamine
 Concen: 0.128 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.03 min
 Lab File: BE099068.D
 Acq: 20 Mar 2019 14:38

Instrument :
 BNA_E
 ClientSampleId :
 PB118045BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	71.4	57.0	85.4
44	0.0	0.0	0.0

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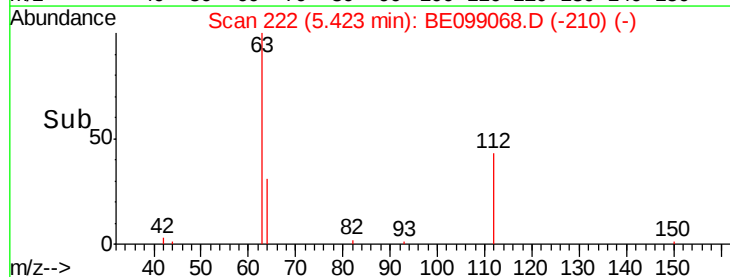
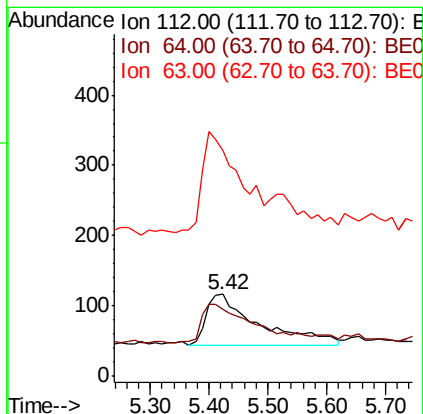
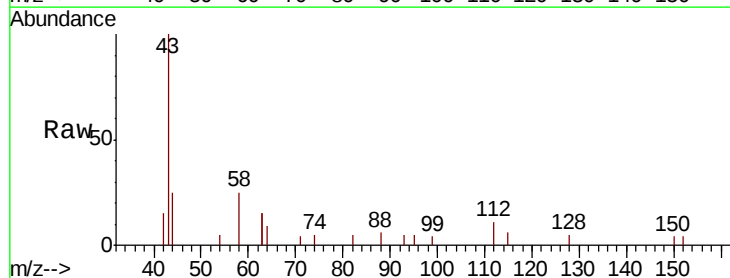
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#4

2-Fluorophenol
 Concen: 0.217 ng
 RT: 5.42 min Scan# 222
 Delta R.T. 0.04 min
 Lab File: BE099068.D
 Acq: 20 Mar 2019 14:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	57.9	86.9#
63	0.0	158.3	237.5#





#5

Phenol-d6

Concen: 0.192 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE099068.D

Acq: 20 Mar 2019 14:38

Instrument :

BNA_E

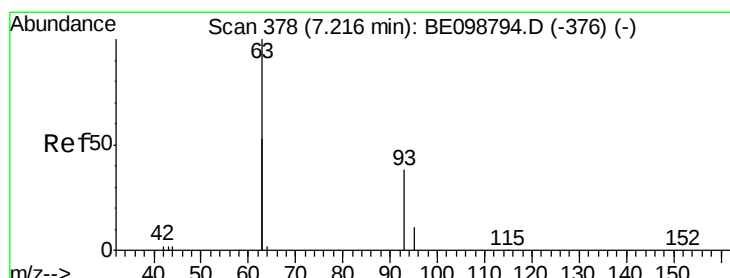
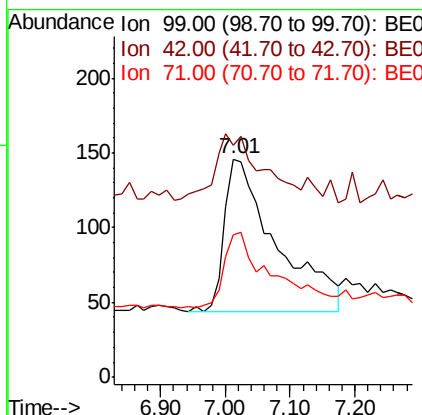
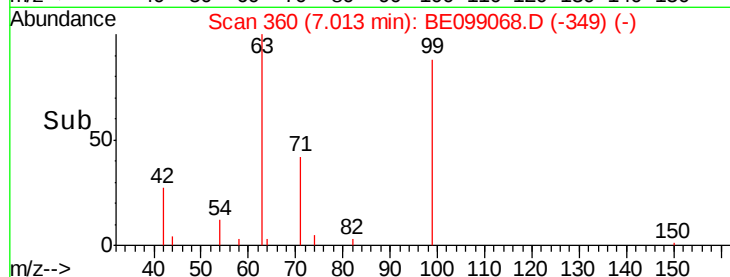
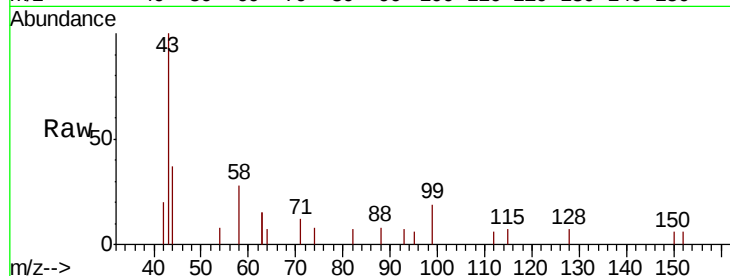
ClientSampled :

PB118045BS

Tot Ion:	99	Resp:	567
Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	46.4	35.7	53.5

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#6

bis(2-Chloroethyl)ether

Concen: 0.099 ng

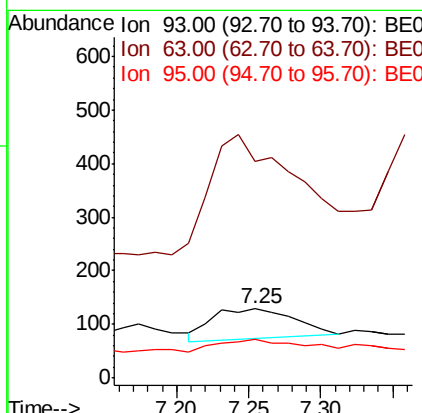
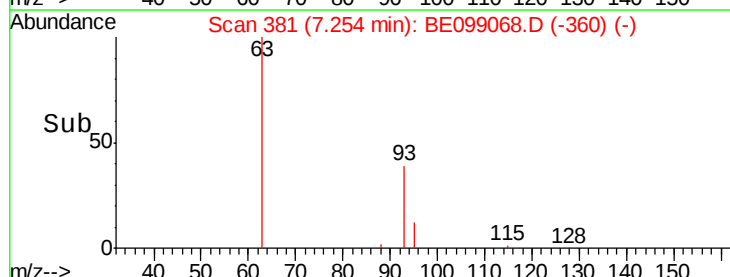
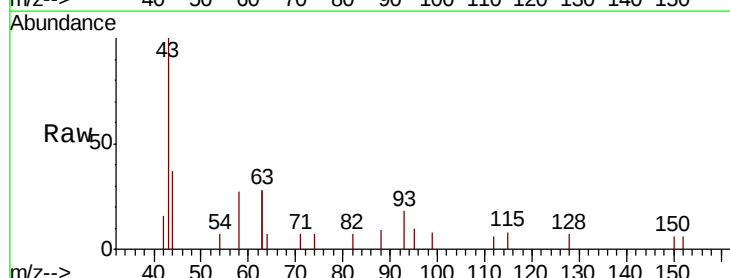
RT: 7.25 min Scan# 381

Delta R.T. 0.04 min

Lab File: BE099068.D

Acq: 20 Mar 2019 14:38

Tgt Ion:	93	Resp:	225
Ion	Ratio	Lower	Upper
93	100		
63	453.3	247.5	371.3#
95	41.8	21.8	32.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE099068.D

Acq: 20 Mar 2019 14:38

Instrument :

BNA_E

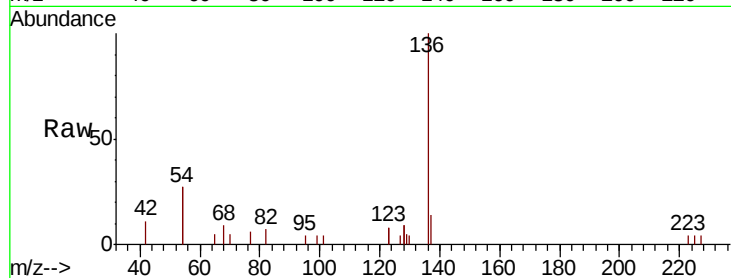
ClientSampleId :

PB118045BS

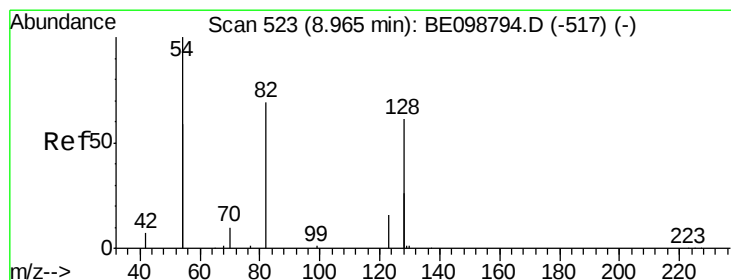
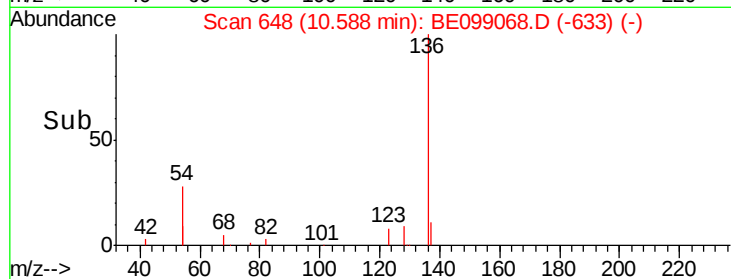
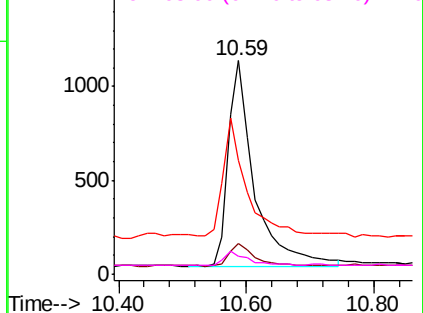
Tot Ion	Ratio	Lower	Upper
136	100		
137	14.1	11.4	17.0
54	53.6	39.3	58.9
68	8.6	6.7	10.1

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.159 ng

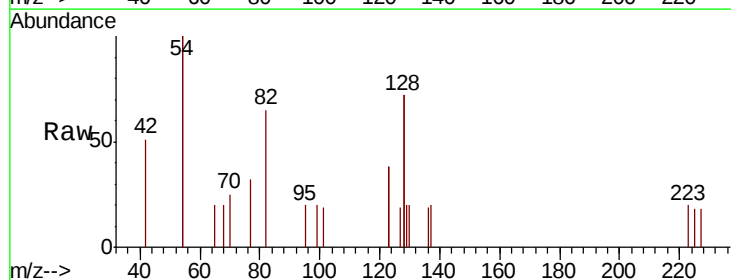
RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

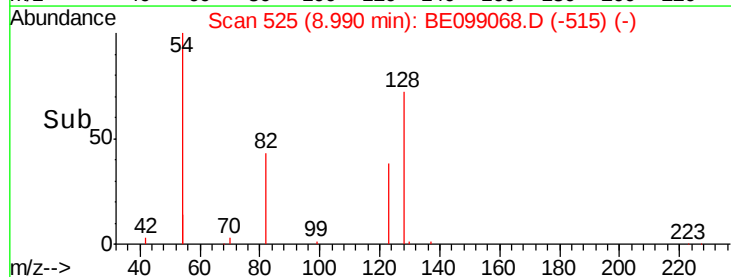
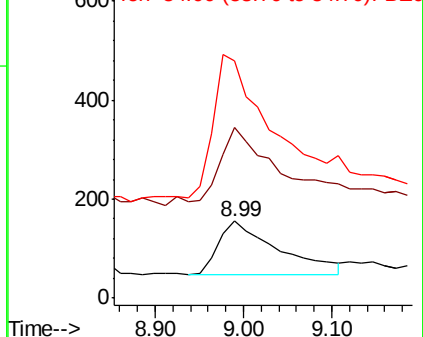
Lab File: BE099068.D

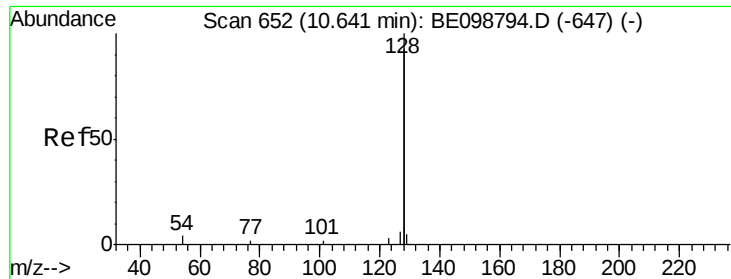
Acq: 20 Mar 2019 14:38

Tgt Ion	Ratio	Lower	Upper
82	100		
128	221.9	123.8	185.8#
54	309.7	203.4	305.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.208 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE099068.D

Acq: 20 Mar 2019 14:38

Instrument :

BNA_E

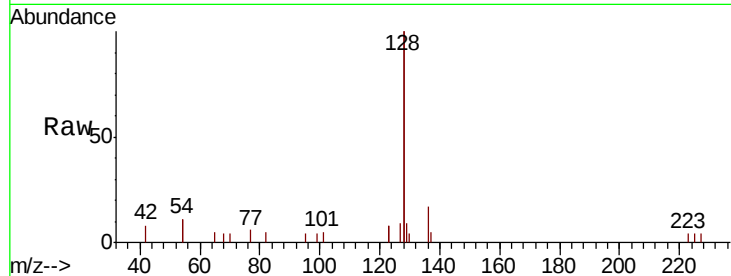
ClientSampleId :

PB118045BS

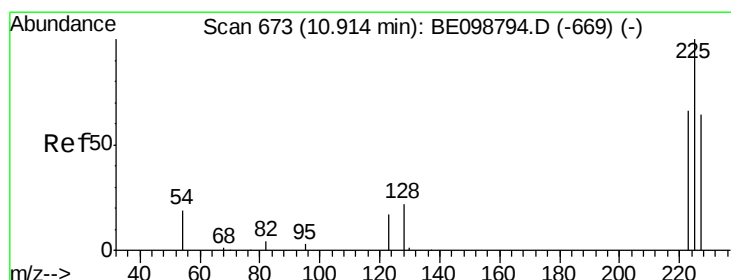
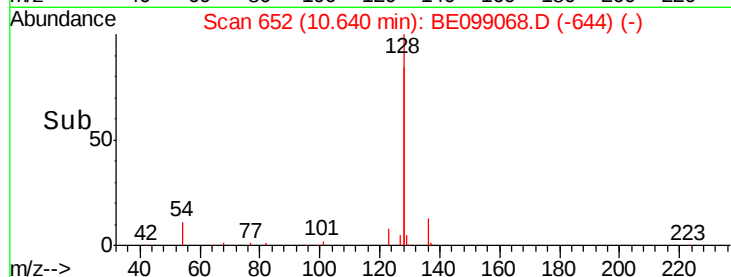
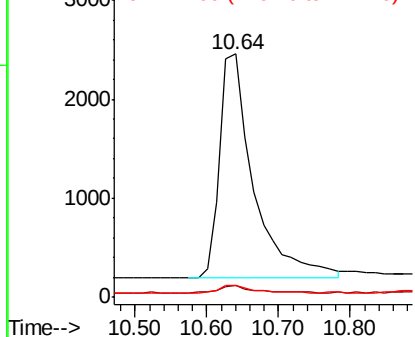
Tot Ion:	128	Resp:	7450
Ion Ratio	Lower	Upper	
128	100		
129	4.6	2.6	4.0#
127	4.7	3.1	4.7

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.194 ng

RT: 10.90 min Scan# 672

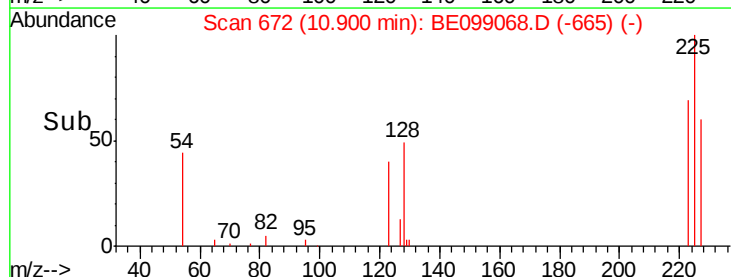
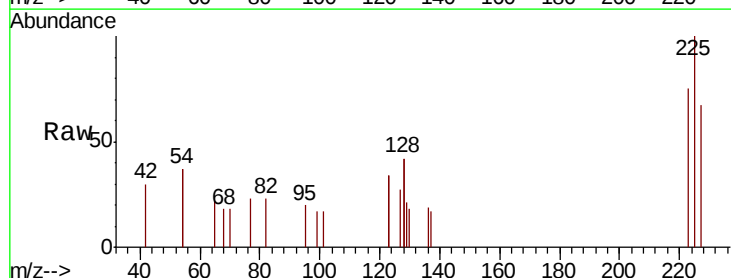
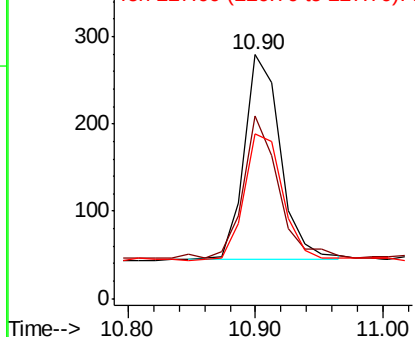
Delta R.T. -0.01 min

Lab File: BE099068.D

Acq: 20 Mar 2019 14:38

Tgt Ion:	225	Resp:	458
Ion Ratio	Lower	Upper	
225	100		
223	66.4	51.1	76.7
227	65.7	51.6	77.4

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





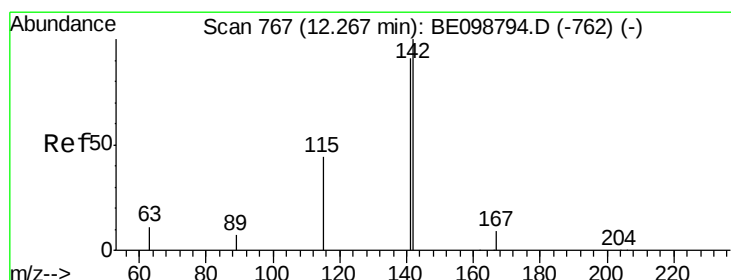
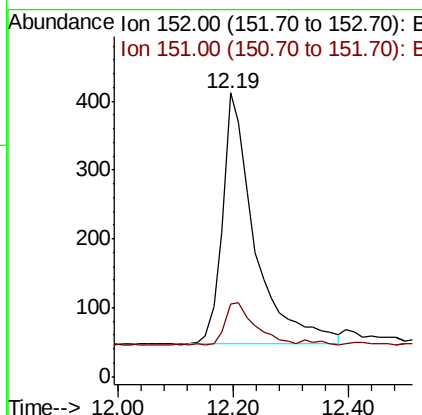
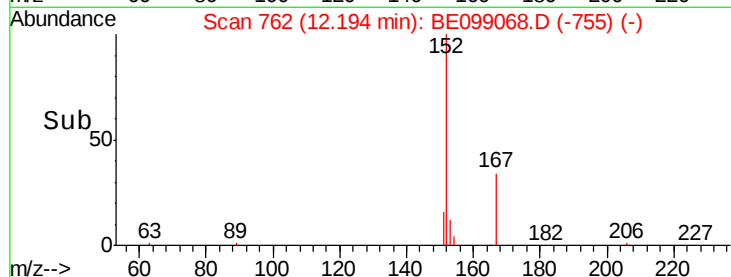
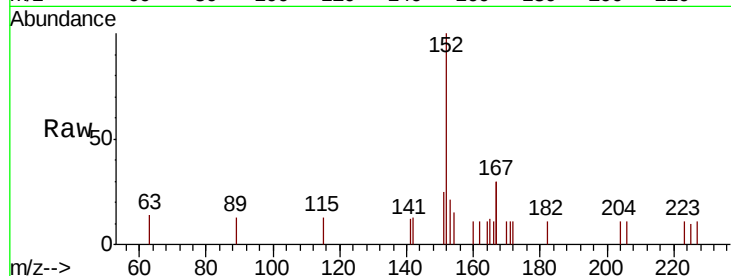
#11
2-Methylnaphthalene-d10
Concen: 0.246 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :
PB118045BS

Tot Ion:152 Resp: 1419
Ion Ratio Lower Upper
152 100
151 15.5 16.5 24.7#

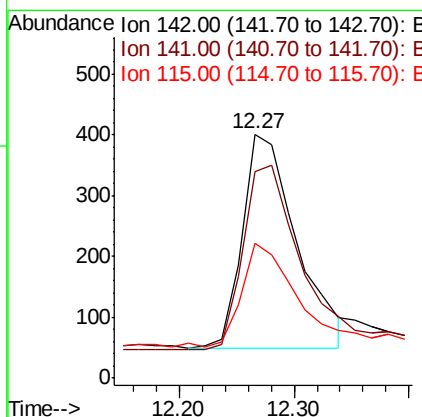
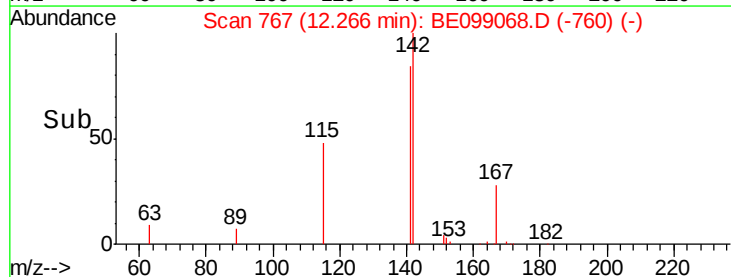
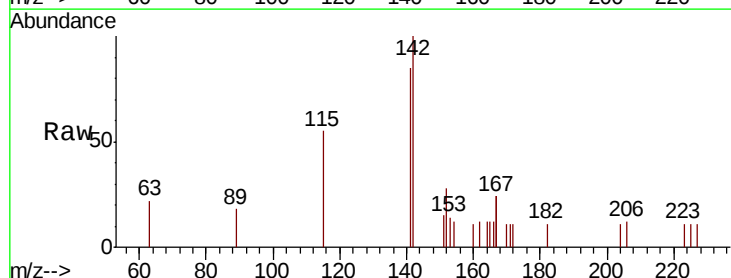
Manual Integrations
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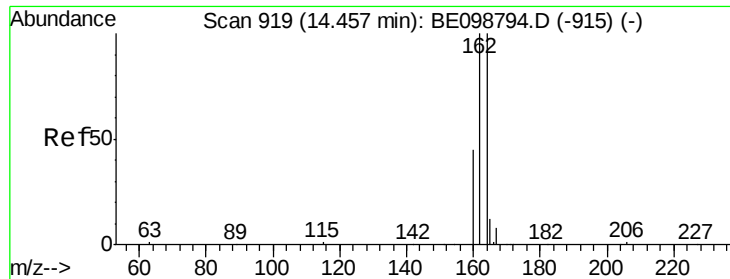
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#12
2-Methylnaphthalene
Concen: 0.197 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion:142 Resp: 1145
Ion Ratio Lower Upper
142 100
141 84.5 72.6 108.8
115 55.1 37.4 56.2





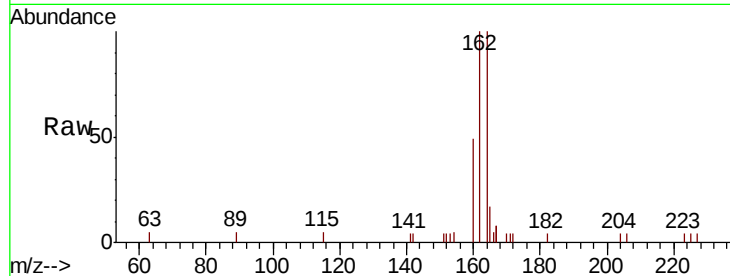
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :
PB118045BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.2
160	49.0	37.8	56.8

Manual Integrations
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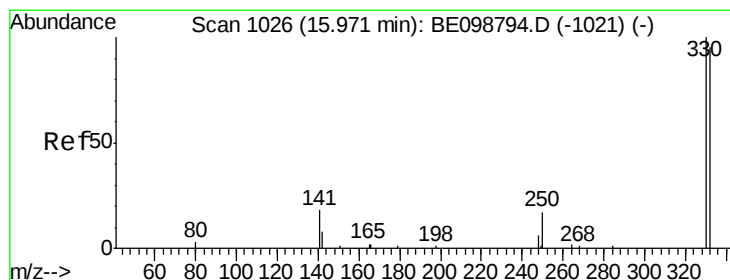
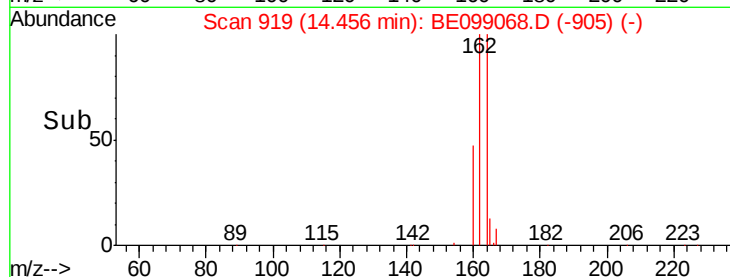
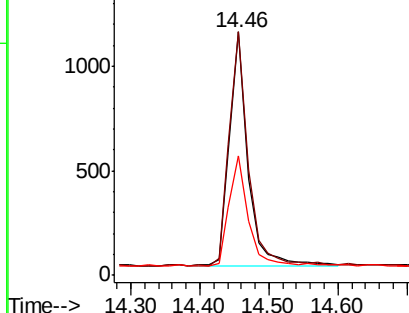


Abundance

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: 0.151 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

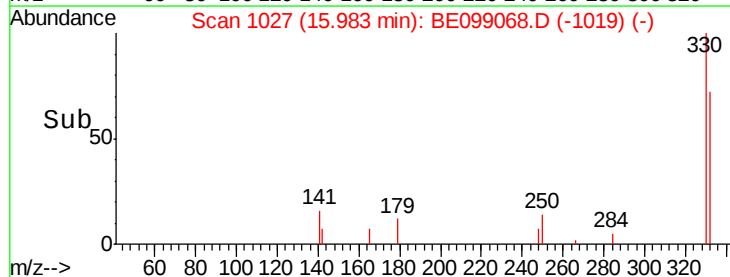
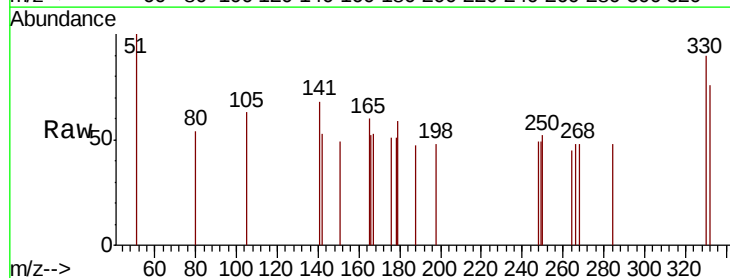
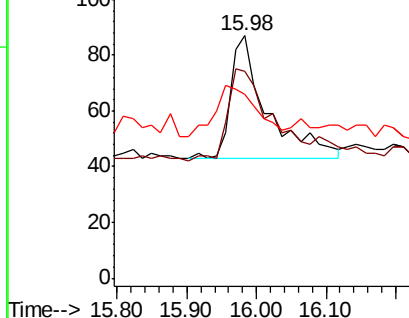
Tgt Ion	Ratio	Lower	Upper
330	100		
332	89.3	77.6	116.4
141	0.0	31.0	46.4#

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





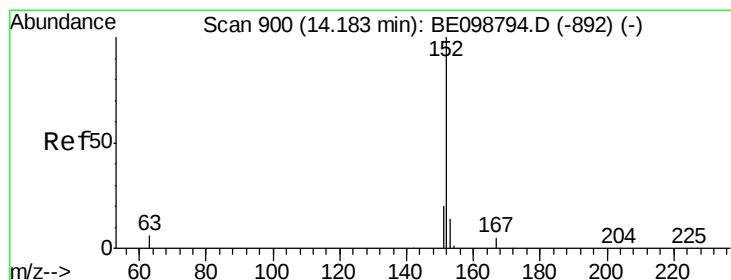
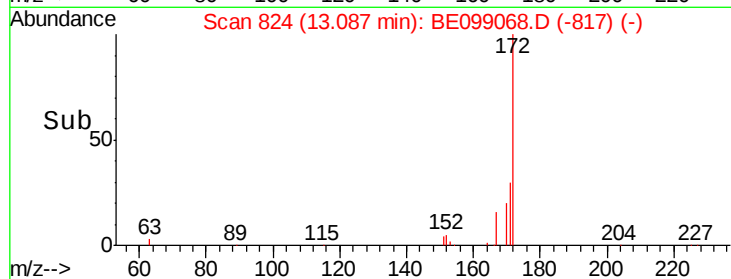
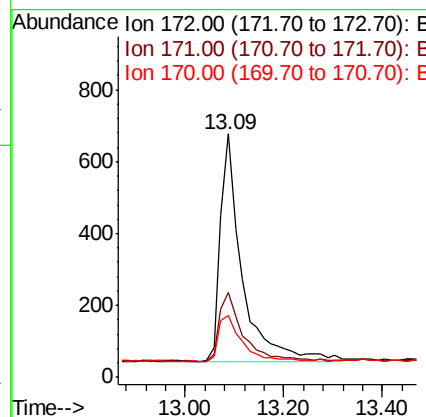
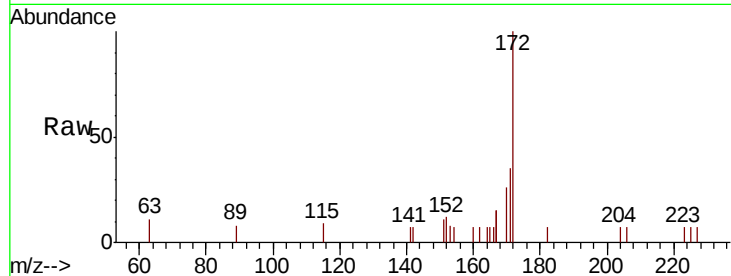
#15
2-Fluorobiphenyl
Concen: 0.223 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :
PB118045BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.0	42.0
170	25.6	17.7	26.5

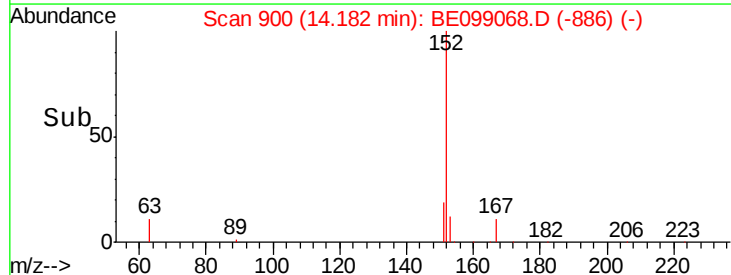
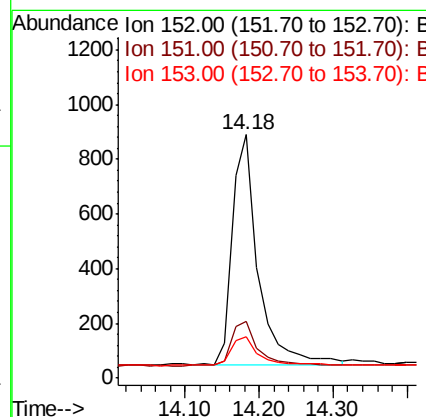
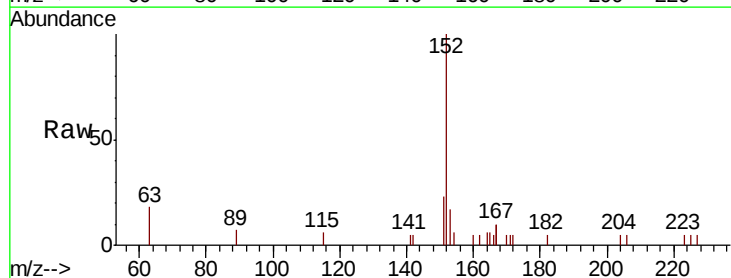
Manual Integrations
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#16
Acenaphthylene
Concen: 0.189 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.0	25.6
153	13.9	11.2	16.8





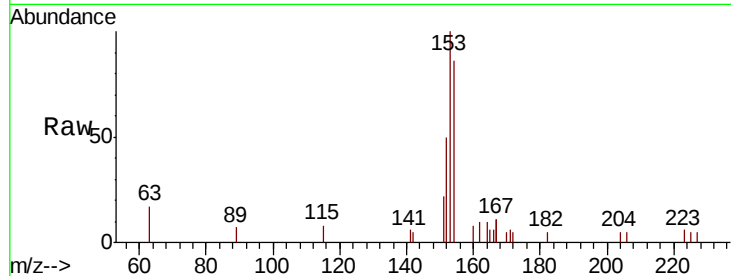
#17
Acenaphthene
Concen: 0.205 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.02 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :
PB118045BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.7	94.2	141.4
152	55.5	45.0	67.4

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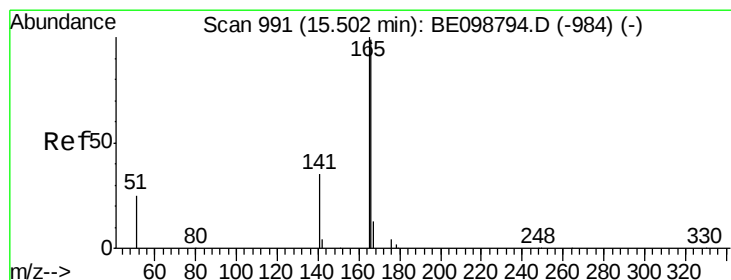
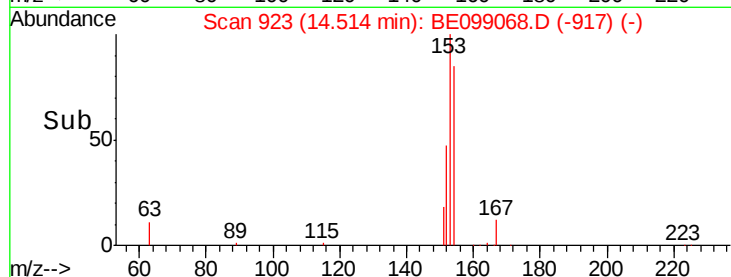
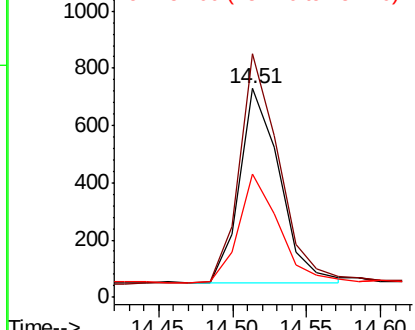


Abundance

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: 0.198 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

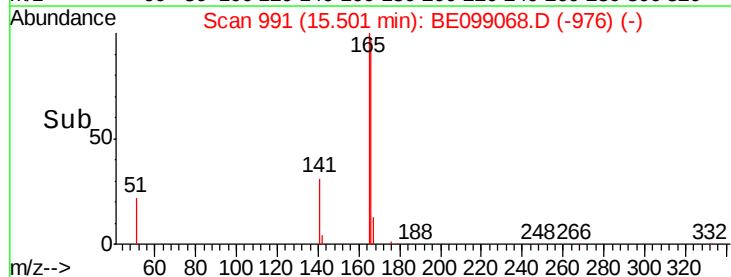
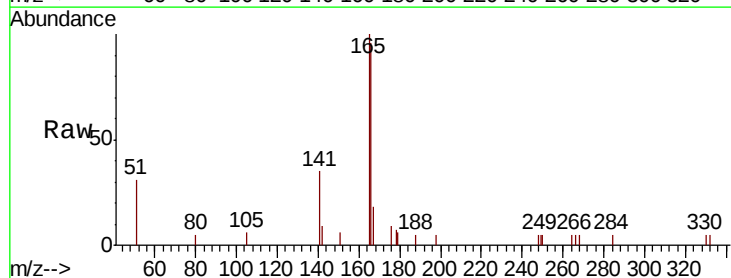
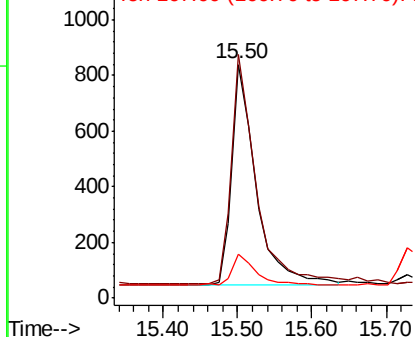
Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.1	79.3	118.9
167	14.4	10.5	15.7

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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099068.D

Acq: 20 Mar 2019 14:38

Instrument :

BNA_E

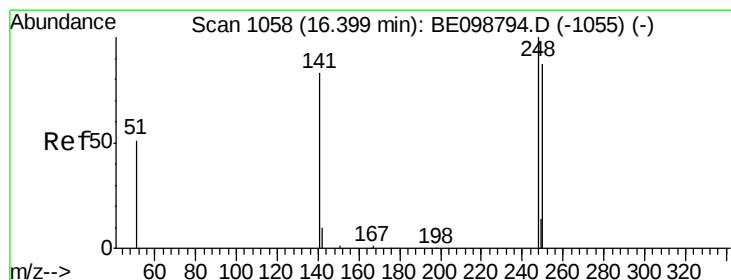
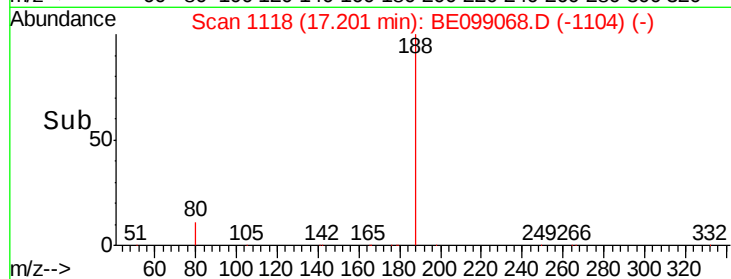
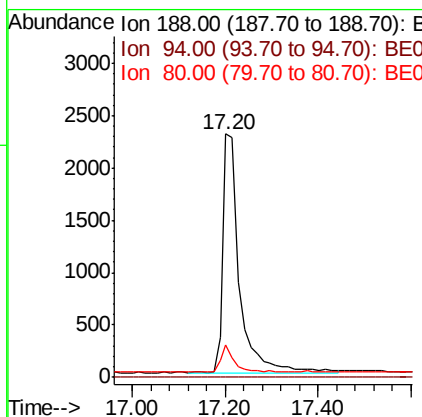
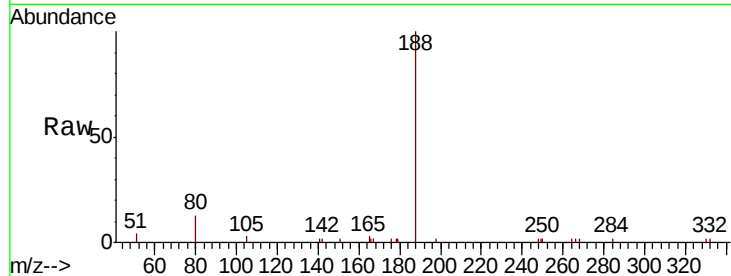
ClientSampleId :

PB118045BS

Tot Ion:	188	Resp:	5764
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.2	6.3	9.5#

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#20

4-Bromophenyl-phenylether

Concen: 0.206 ng

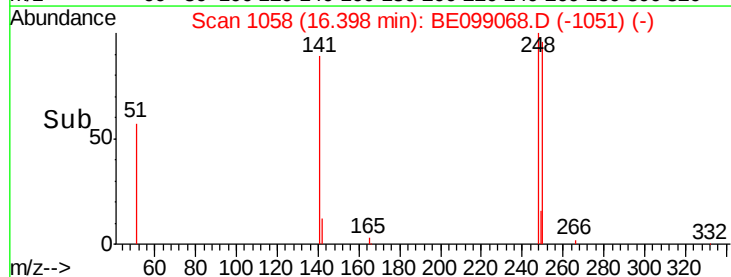
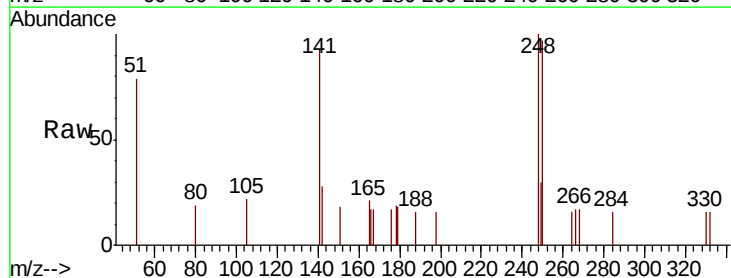
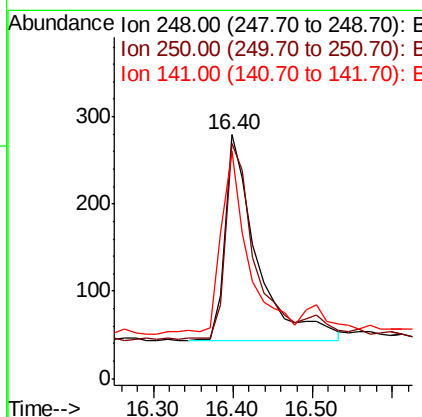
RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE099068.D

Acq: 20 Mar 2019 14:38

Tgt Ion:	248	Resp:	645
Ion Ratio	Lower	Upper	
248	100		
250	96.8	70.6	105.8
141	93.2	68.6	102.8





#21

Hexachlorobenzene

Concen: 0.188 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099068.D

Acq: 20 Mar 2019 14:38

Instrument :

BNA_E

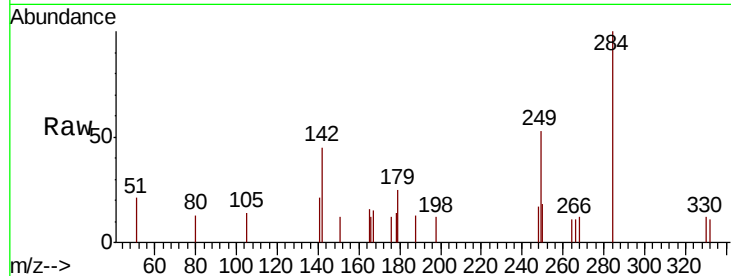
ClientSampleId :

PB118045BS

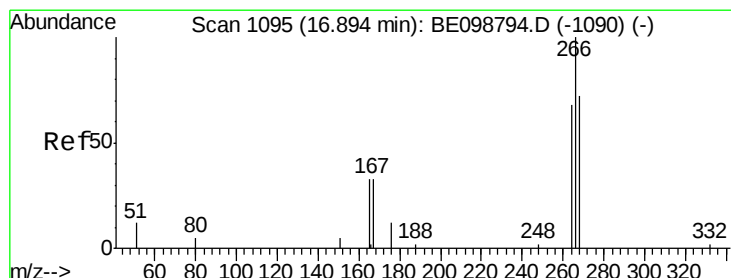
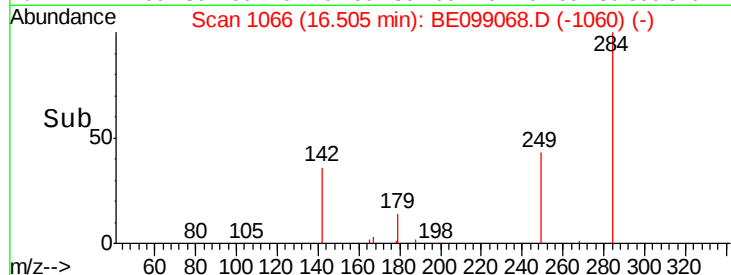
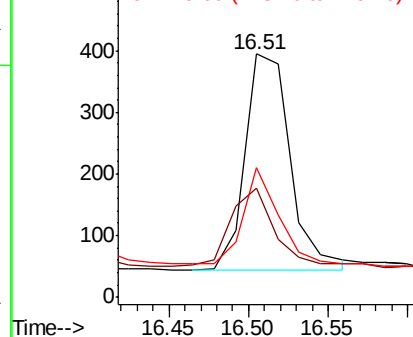
Tot Ion:	284	Resp:	700
Ion Ratio	Lower	Upper	
284	100		
142	33.9	28.7	43.1
249	33.9	29.6	44.4

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.279 ng

RT: 16.91 min Scan# 1096

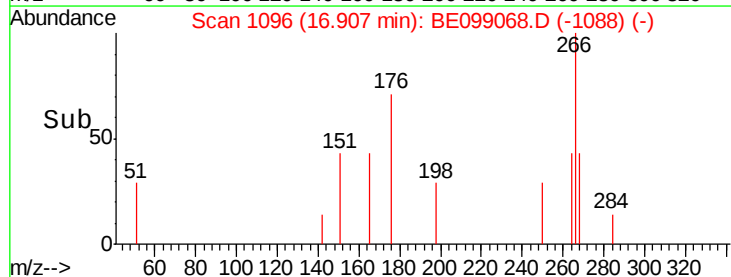
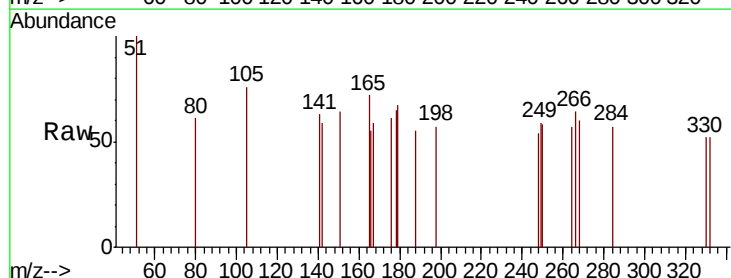
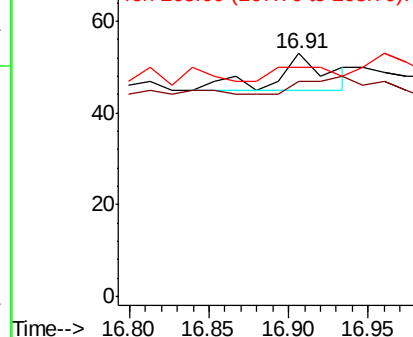
Delta R.T. 0.01 min

Lab File: BE099068.D

Acq: 20 Mar 2019 14:38

Tgt Ion:	266	Resp:	18
Ion Ratio	Lower	Upper	
266	100		
264	88.7	66.6	100.0
268	94.3	69.8	104.8

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





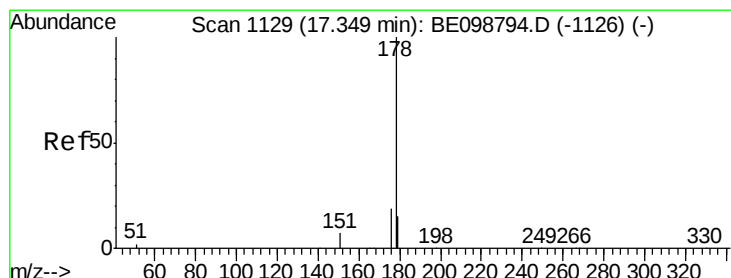
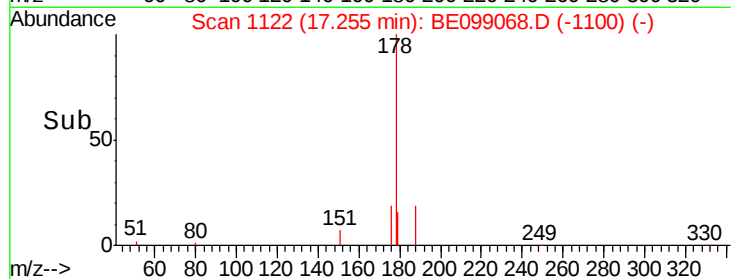
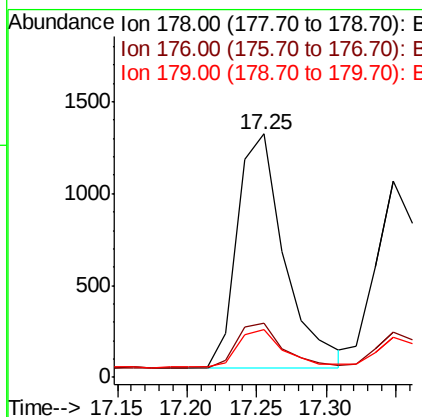
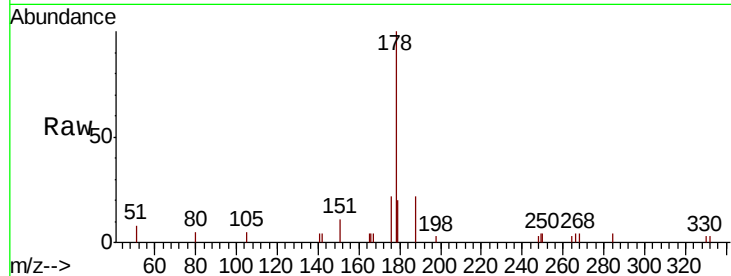
#23
Phenanthrene
Concen: 0.183 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :
PB118045BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.0	24.0
179	16.7	12.1	18.1

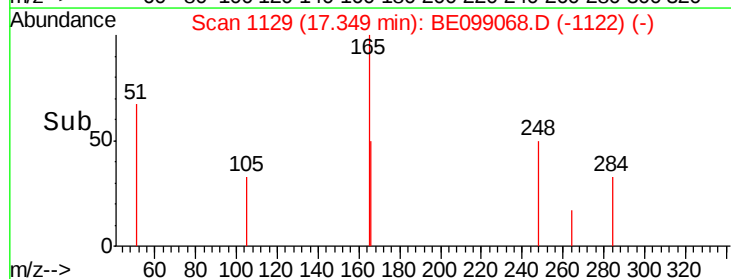
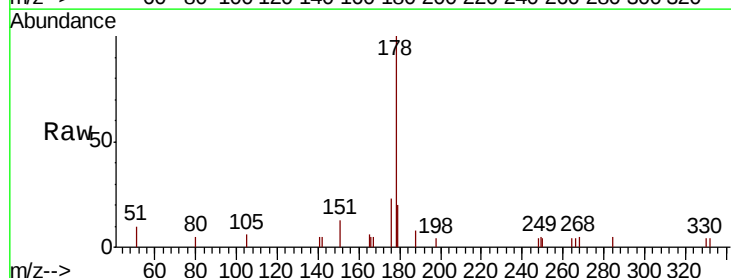
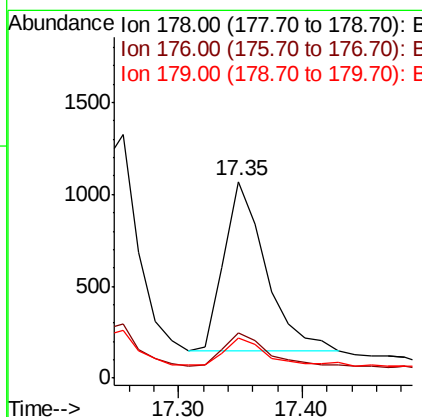
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#24
Anthracene
Concen: 0.153 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.2	12.2	18.4





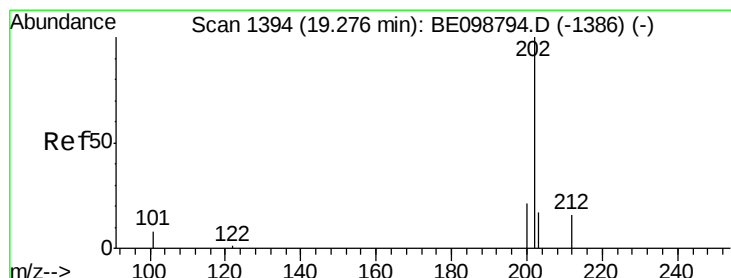
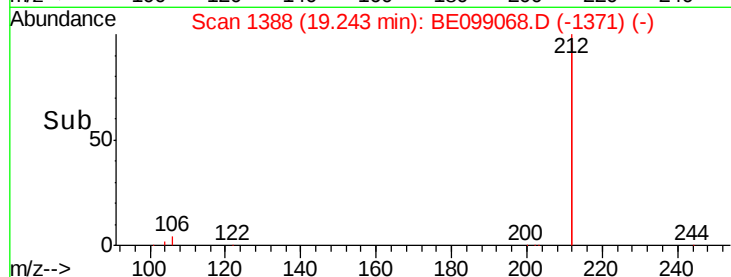
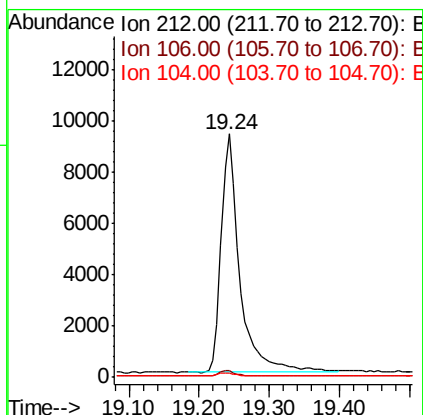
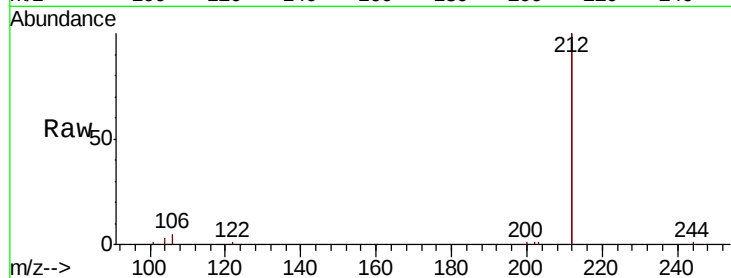
#25
Fluoranthene-d10
Concen: 0.187 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :
PB118045BS

Tot Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.4	1.0	1.6

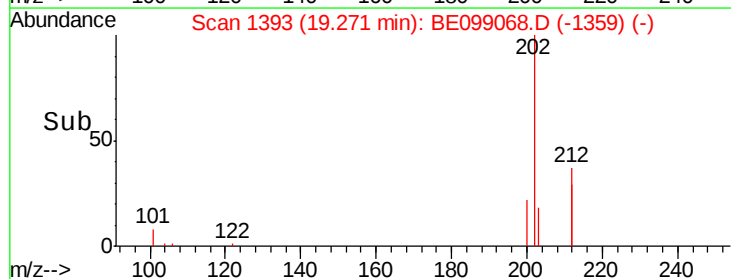
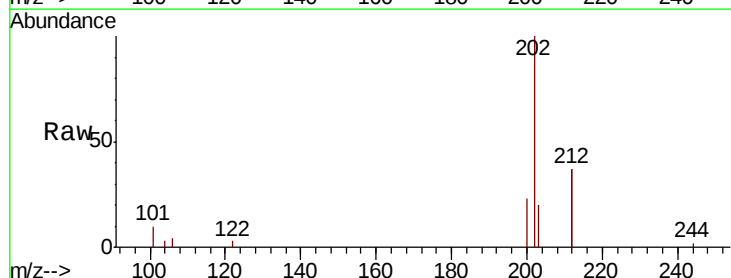
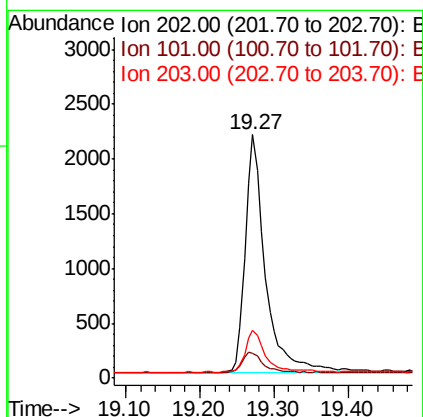
Manual Integrations
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#26
Fluoranthene
Concen: 0.177 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.3	10.9
203	17.2	13.4	20.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.39 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099068.D

Acq: 20 Mar 2019 14:38

Instrument :

BNA_E

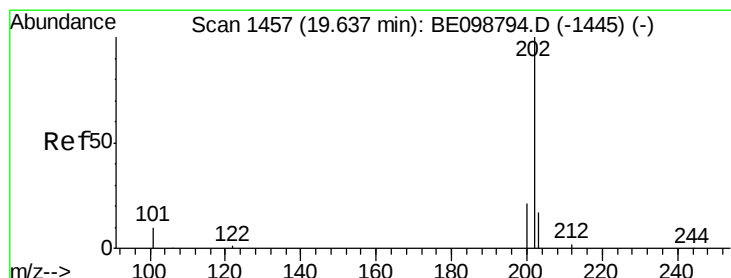
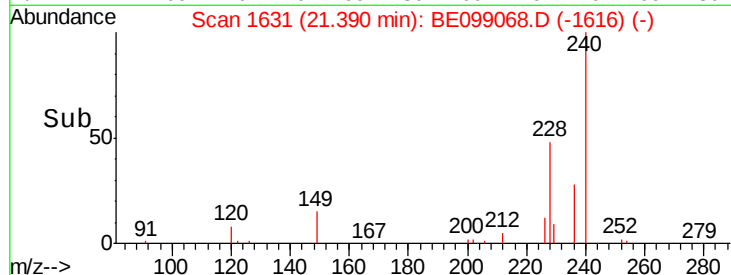
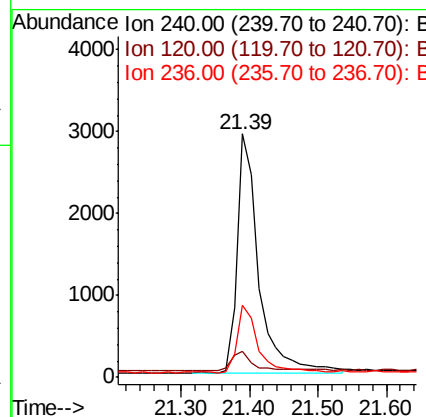
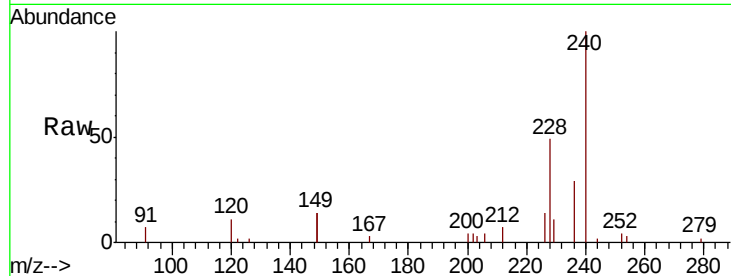
ClientSampled :

PB118045BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	5.0	7.4#
236	29.4	22.7	34.1

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#28

Pyrene

Concen: 0.221 ng

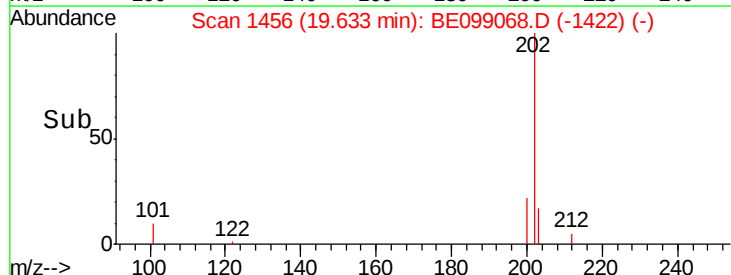
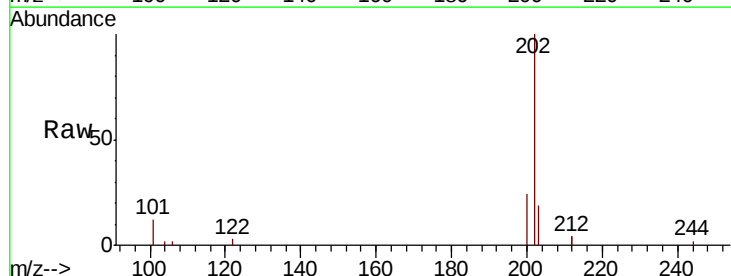
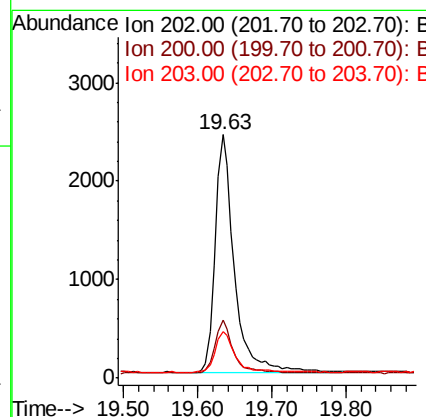
RT: 19.63 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BE099068.D

Acq: 20 Mar 2019 14:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.6
203	18.2	14.2	21.2





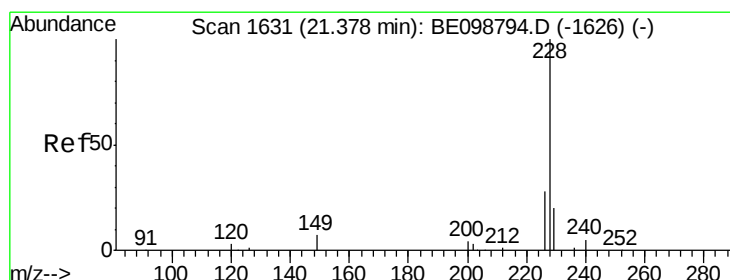
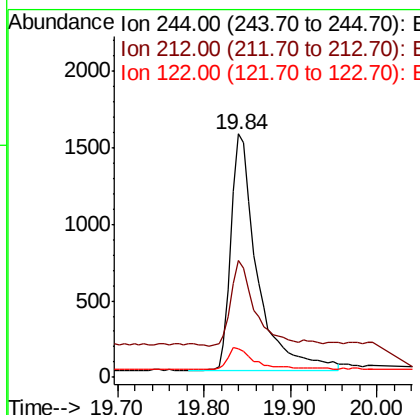
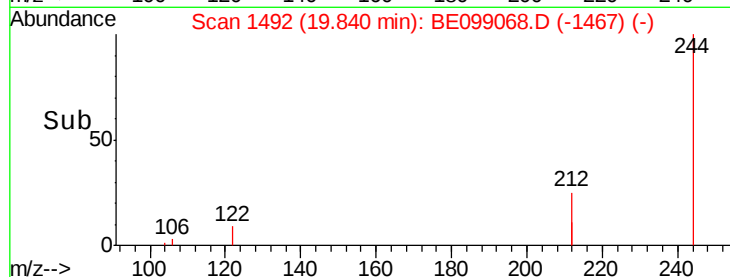
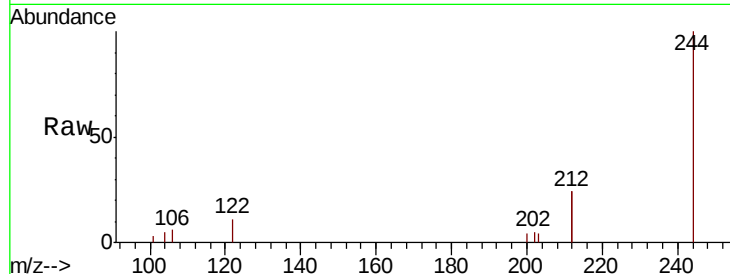
#29
 Terphenyl-d14
 Concen: 0.209 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BE099068.D
 Acq: 20 Mar 2019 14:38

Instrument :
 BNA_E
 ClientSampleId :
 PB118045BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	47.9	29.4	44.2#
122	11.5	7.1	10.7#

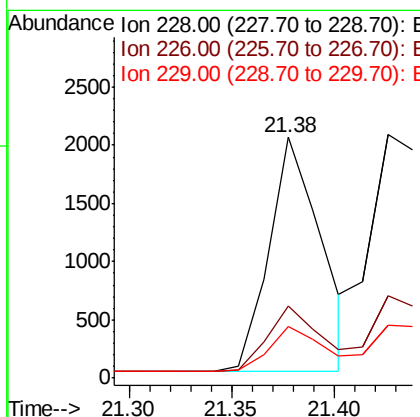
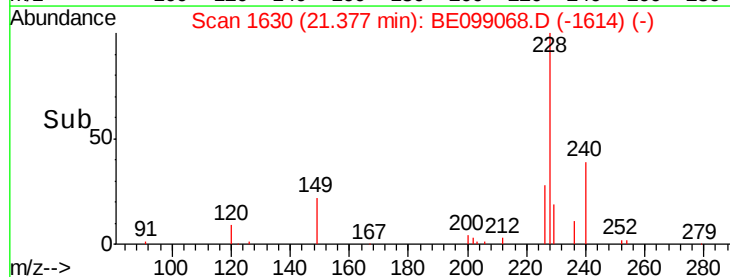
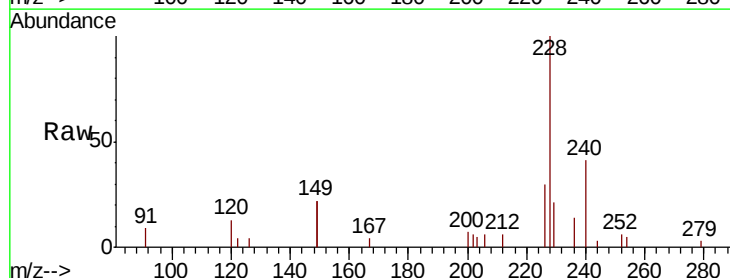
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#30
 Benzo(a)anthracene
 Concen: 0.178 ng
 RT: 21.38 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE099068.D
 Acq: 20 Mar 2019 14:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.0	34.4
229	21.3	16.5	24.7





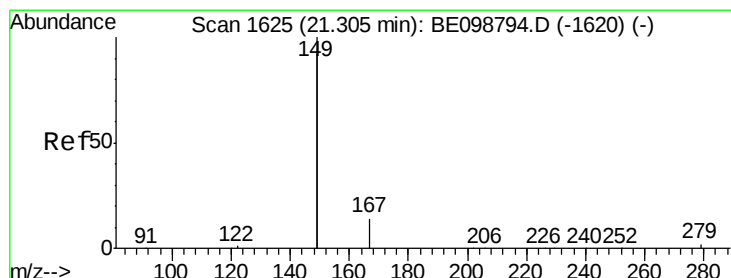
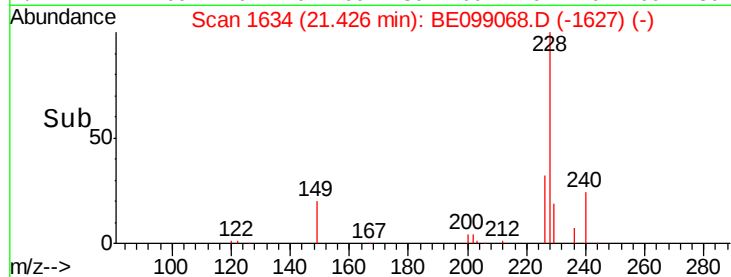
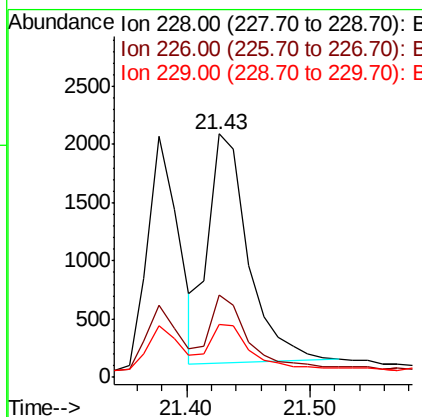
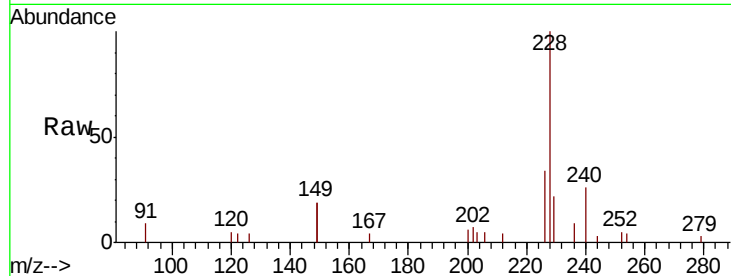
#31
 Chrysene
 Concen: 0.208 ng
 RT: 21.43 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BE099068.D
 Acq: 20 Mar 2019 14:38

Instrument :
 BNA_E
 ClientSampled :
 PB118045BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.6	23.7	35.5
229	21.8	16.1	24.1

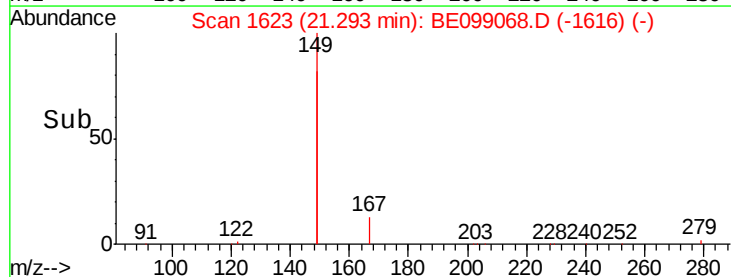
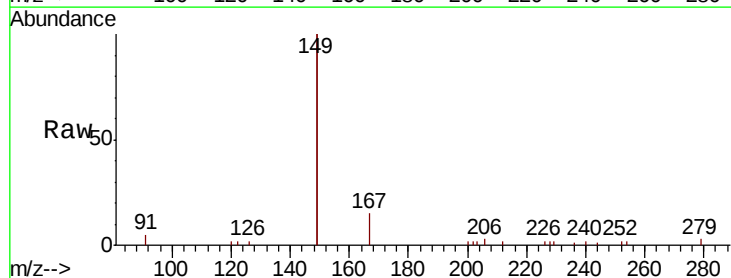
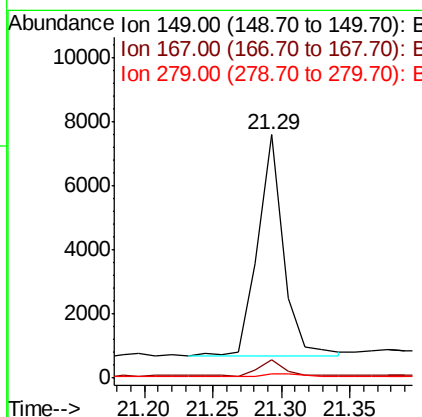
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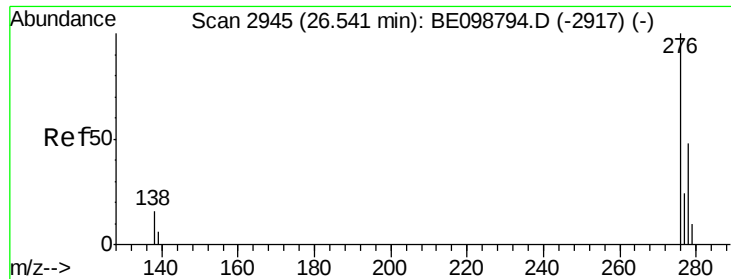
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#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.211 ng
 RT: 21.29 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BE099068.D
 Acq: 20 Mar 2019 14:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.4	1.0	1.4





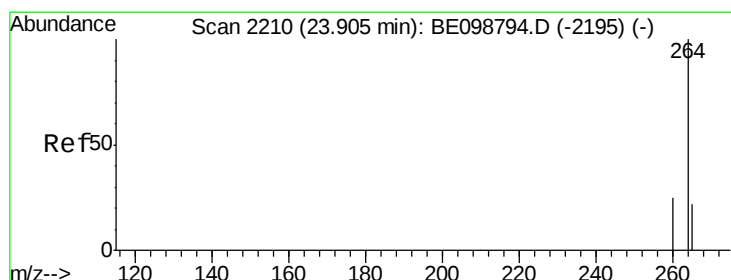
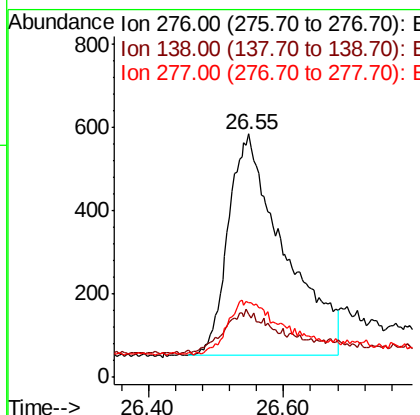
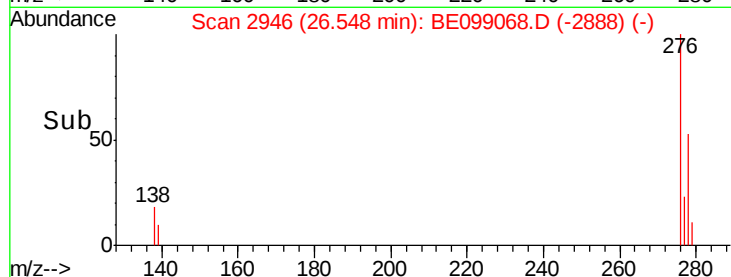
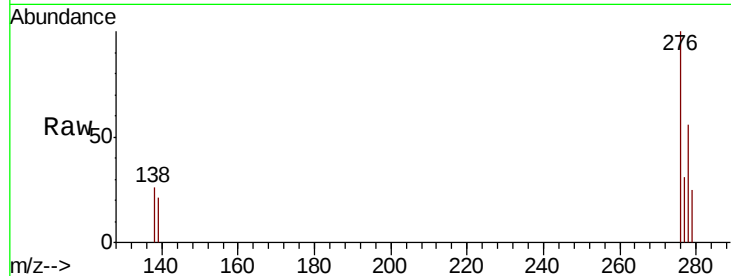
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.135 ng
RT: 26.55 min Scan# 2946
Delta R.T. 0.01 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :
PB118045BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.6	13.8	20.8#
277	7.5	19.5	29.3#

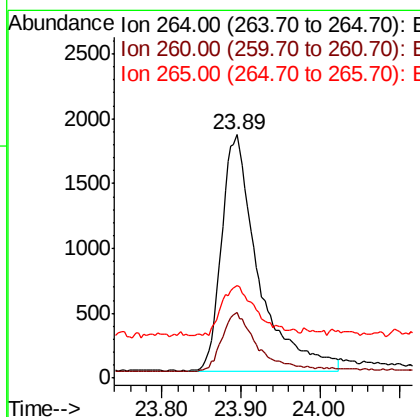
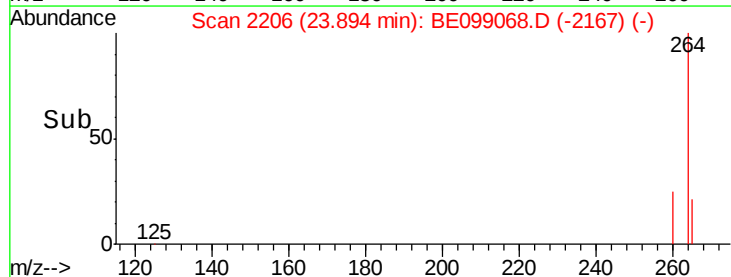
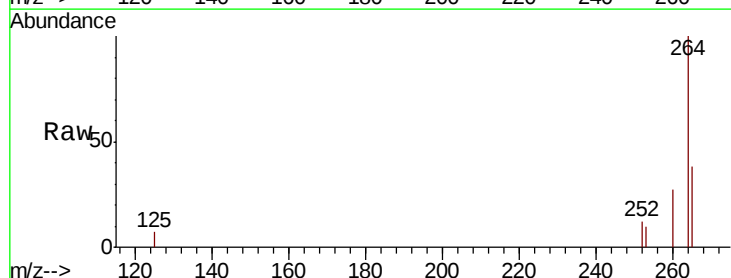
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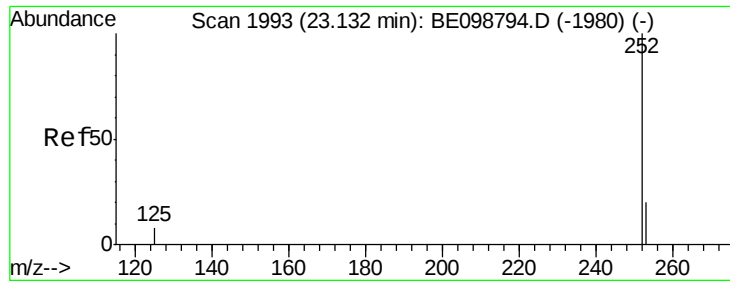
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.2	31.8
265	38.0	24.6	36.8#





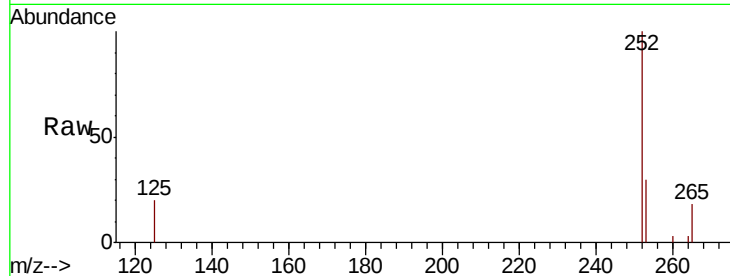
#35
Benzo(b)fluoranthene
Concen: 0.186 ng
RT: 23.13 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :
PB118045BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.5	18.2	27.2#
125	20.3	7.3	10.9#

Manual Integrations
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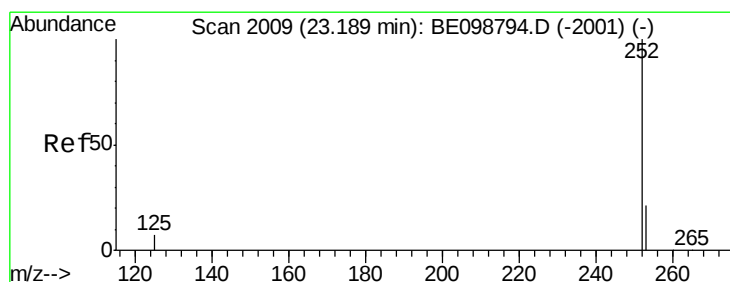
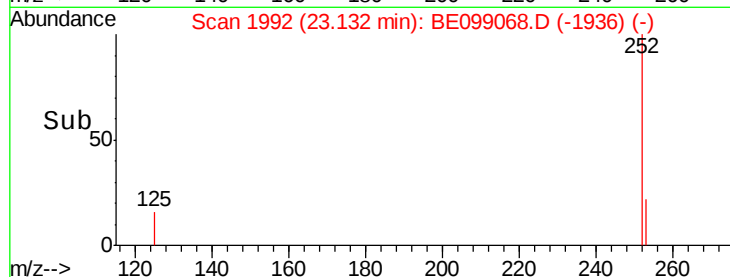
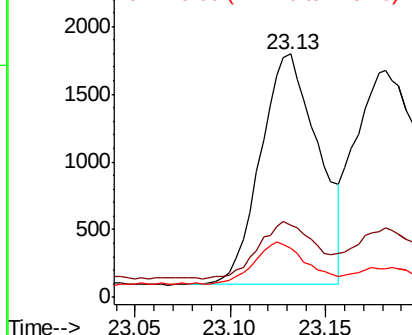


Abundance

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: 0.223 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

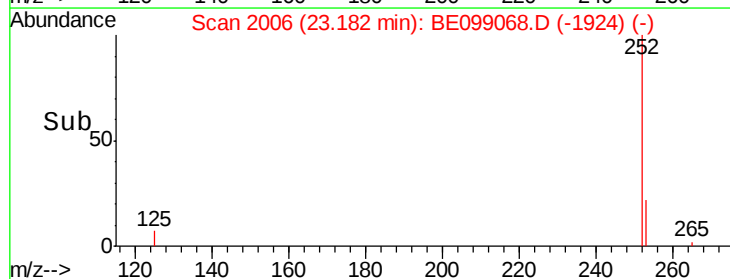
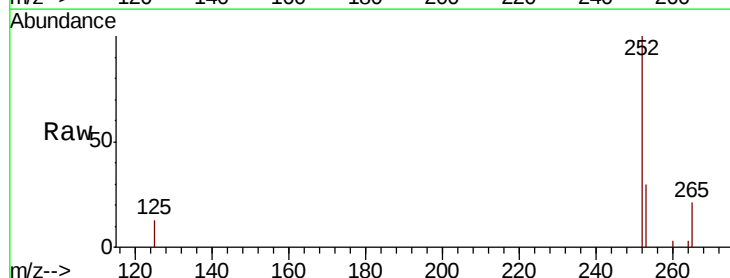
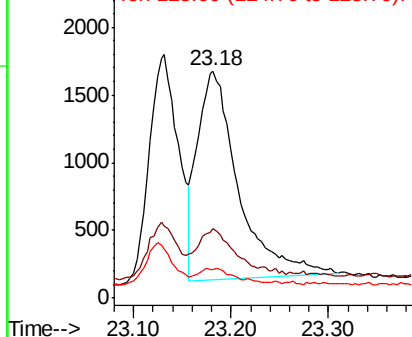
Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.3	19.3	28.9#
125	12.7	7.5	11.3#

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





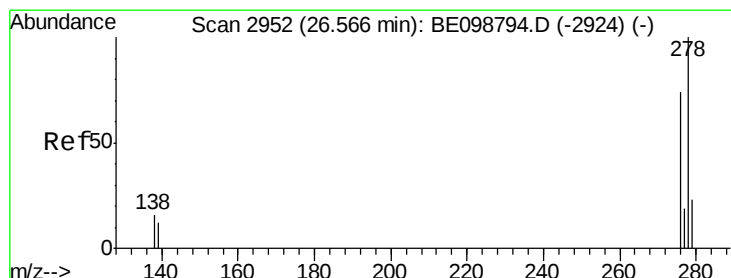
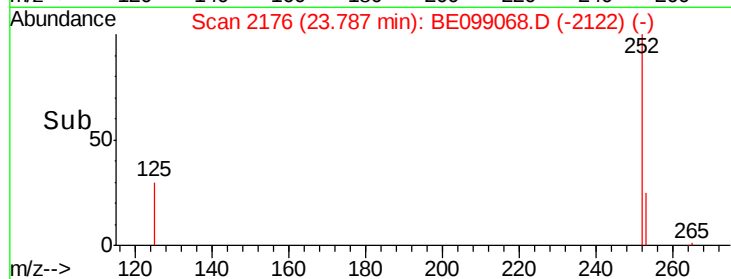
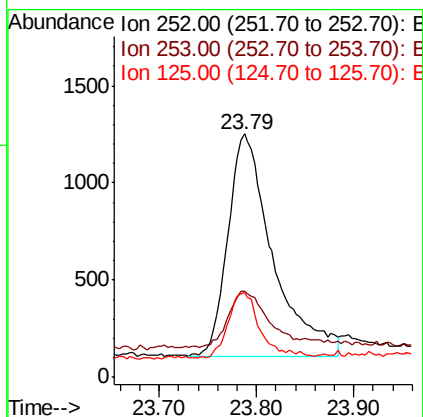
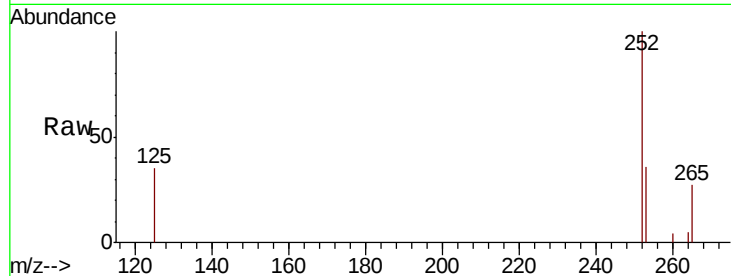
#37
Benzo(a)pyrene
Concen: 0.200 ng
RT: 23.79 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :
PB118045BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.6	19.9	29.9#
125	34.7	9.0	13.4#

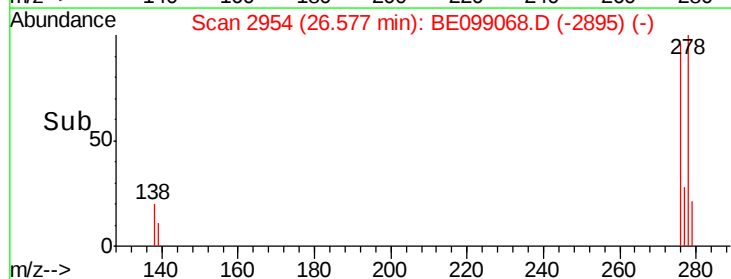
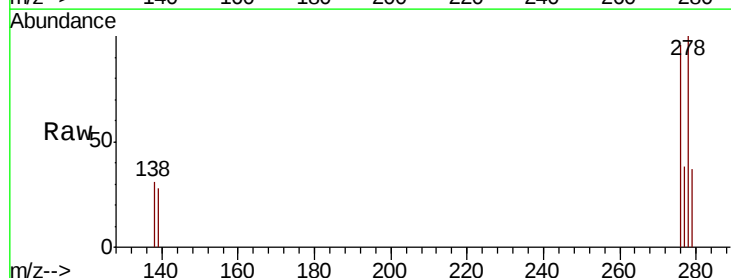
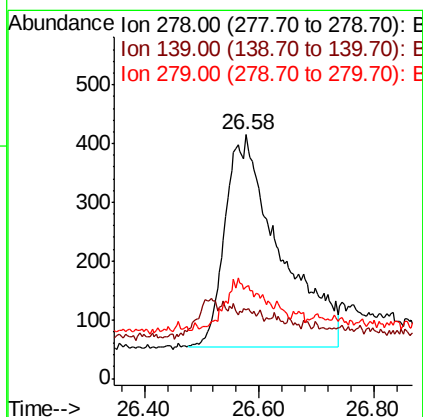
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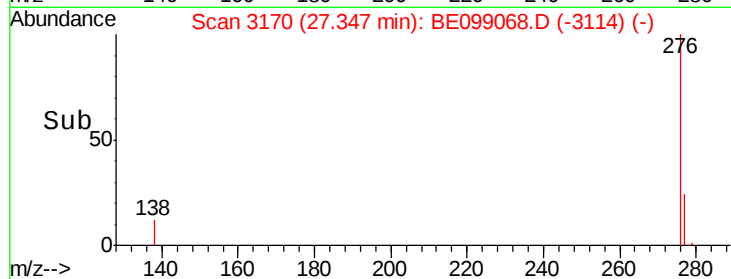
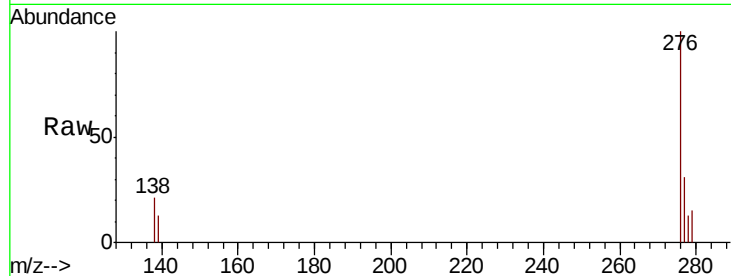
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#38
Dibenzo(a,h)anthracene
Concen: 0.136 ng m
RT: 26.58 min Scan# 2954
Delta R.T. 0.01 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.0	11.8	17.6#
279	37.3	21.1	31.7#





#39

Benzo(a,h,i)perylene

Concen: 0.149 ng

RT: 27.35 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BE099068.D

Acq: 20 Mar 2019 14:38

Instrument :

BNA_E

ClientSampleId :

PB118045BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	31.1	20.4	30.6#
138	21.5	13.6	20.4#

Manual Integrations
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