

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040419\
 Data File : BE099294.D
 Acq On : 4 Apr 2019 17:35
 Operator : JU/SJ
 Sample : PB118607BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118607BS

Manual Integrations
 APPROVED

Sohil
 4/5/2019 12:26:39 PM

Quant Time: Apr 05 04:36:35 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 02 17:16:42 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4206	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	14292	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	8218	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	22271	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	25472	0.40	ng	-0.02
34) Perylene-d12	23.86	264	30432	0.40	ng	-0.03

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	2676	0.24	ng	-0.02
5) Phenol-d6	6.98	99	3605	0.23	ng	-0.01
8) Nitrobenzene-d5	8.98	82	2583	0.26	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	5654m	0.23	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	629	0.17	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	9206	0.28	ng	-0.01
25) Fluoranthene-d10	19.22	212	66173	0.23	ng	-0.02
29) Terphenyl-d14	19.82	244	11172	0.24	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	1150	0.201	ng	# 76
3) n-Nitrosodimethylamine	3.65	42	716	0.212	ng	# 91
6) bis(2-Chloroethyl)ether	7.24	93	3072	0.223	ng	96
9) Naphthalene	10.67	128	36402	0.234	ng	100
10) Hexachlorobutadiene	10.94	225	2328	0.231	ng	96
12) 2-Methylnaphthalene	12.28	142	5875	0.222	ng	96
16) Acenaphthylene	14.18	152	8136	0.209	ng	100
17) Acenaphthene	14.53	154	5313	0.231	ng	98
18) Fluorene	15.50	166	7120	0.215	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	2907	0.230	ng	# 74
21) Hexachlorobenzene	16.49	284	2809	0.233	ng	97
22) Pentachlorophenol	16.84	266	1398	0.280	ng	92
23) Phenanthrene	17.23	178	13721	0.238	ng	99
24) Anthracene	17.32	178	12484	0.230	ng	99
26) Fluoranthene	19.25	202	16789	0.197	ng	99
28) Pyrene	19.62	202	17055	0.254	ng	100
30) Benzo(a)anthracene	21.34	228	18779	0.234	ng	99
31) Chrysene	21.40	228	18649	0.237	ng	97
32) Bis(2-ethylhexyl)phthalate	21.27	149	15195	0.149	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.50	276	26804	0.298	ng	98
35) Benzo(b)fluoranthene	23.09	252	21155m	0.233	ng	
36) Benzo(k)fluoranthene	23.14	252	21123	0.239	ng	97
37) Benzo(a)pyrene	23.75	252	19870	0.233	ng	98
38) Dibenzo(a,h)anthracene	26.53	278	22990	0.271	ng	98
39) Benzo(g,h,i)perylene	27.31	276	23434	0.277	ng	99

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

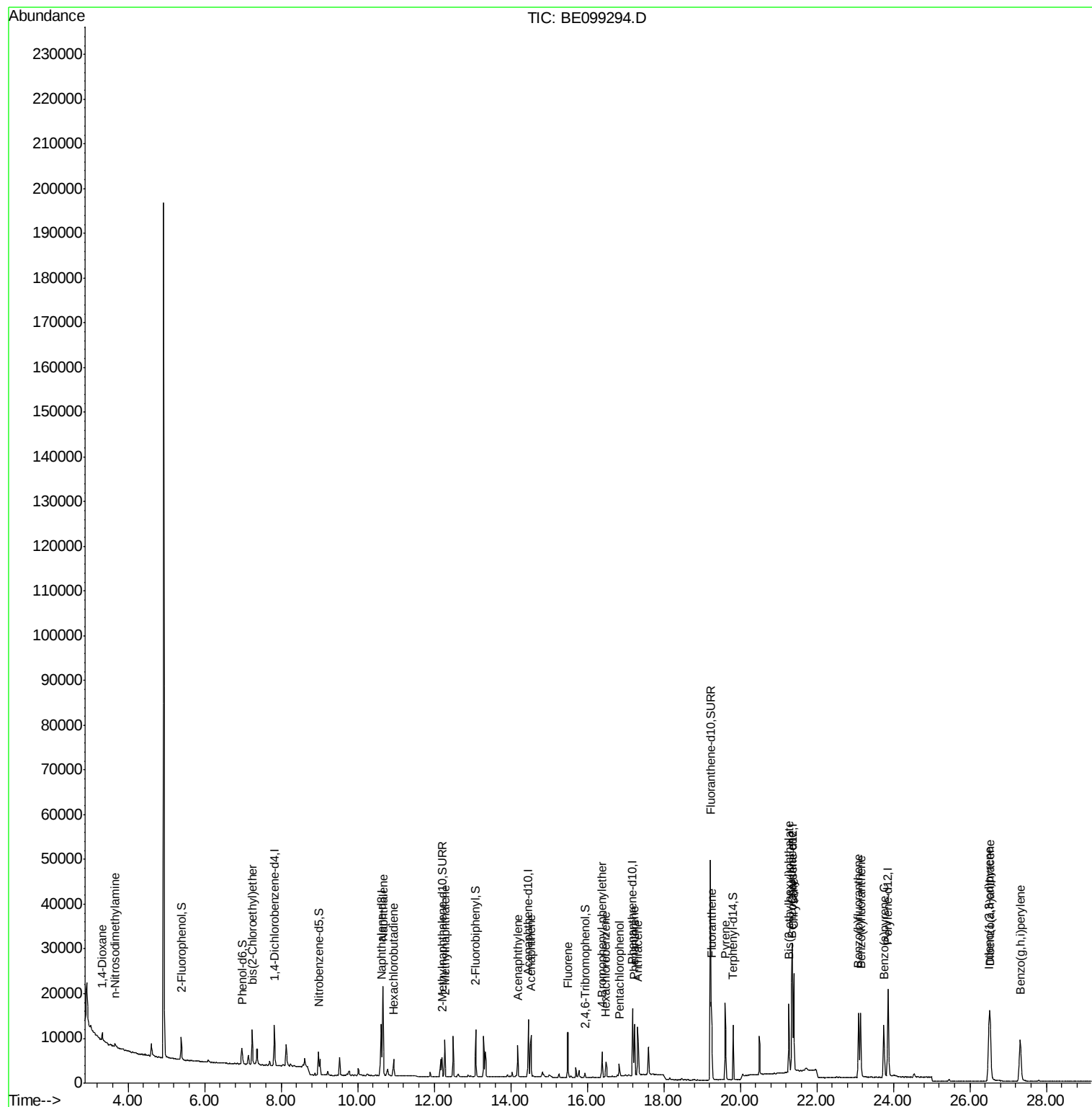
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040419\
Data File : BE099294.D
Acq On : 4 Apr 2019 17:35
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4/5/2019 12:26:39 PM

Quant Time: Apr 05 04:36:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

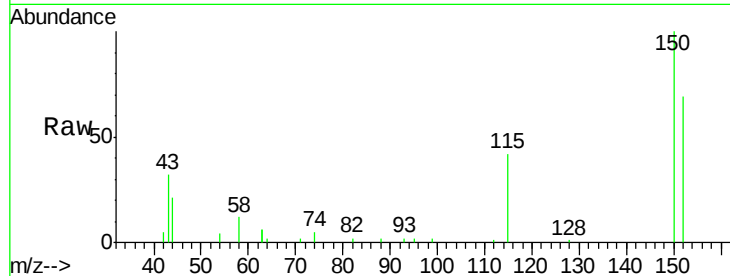
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.02 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Instrument :
BNA_E
ClientSampled :
PB118607BS

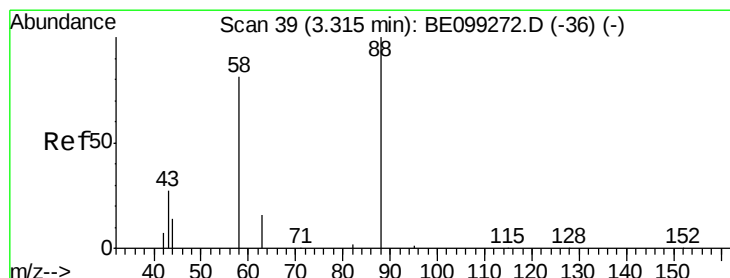
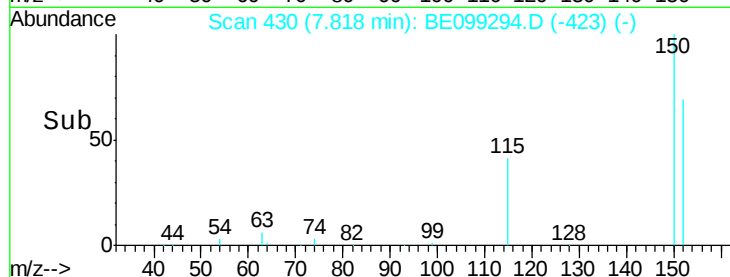
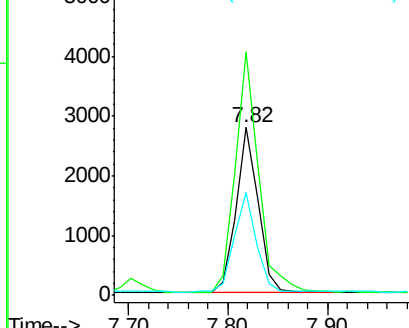
Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.0	112.8	169.2
115	61.2	45.1	67.7

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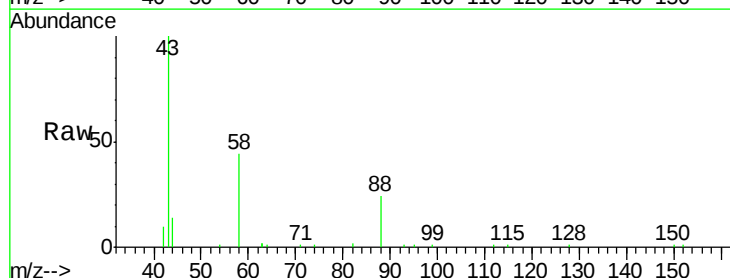
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



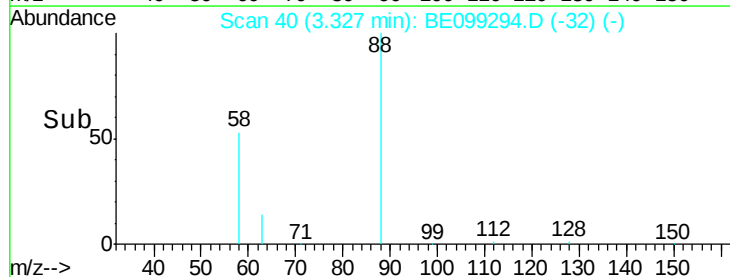
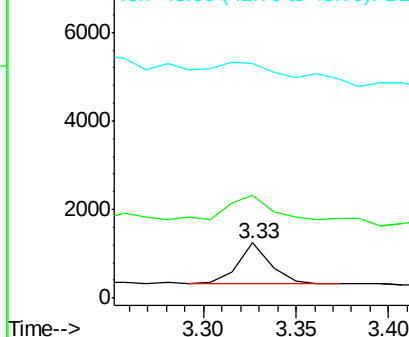
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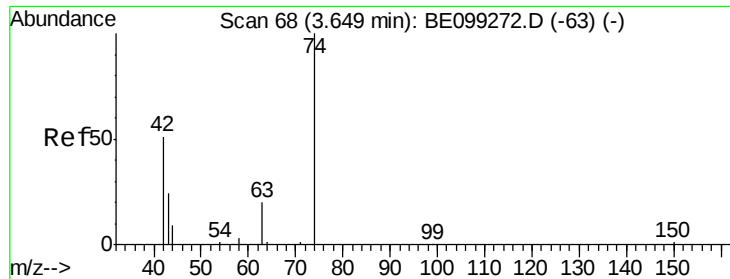
1,4-Dioxane
Concen: 0.201 ng
RT: 3.33 min Scan# 40
Delta R.T. -0.01 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	47.4	71.0#
43	0.0	15.6	23.4#



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

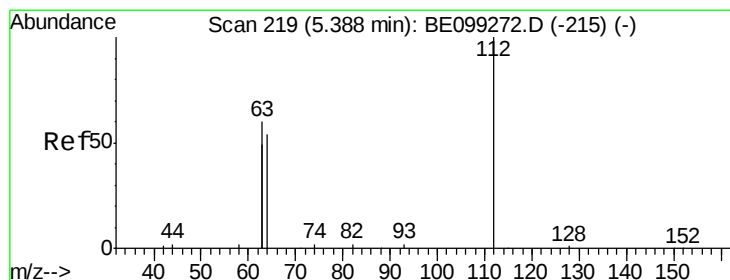
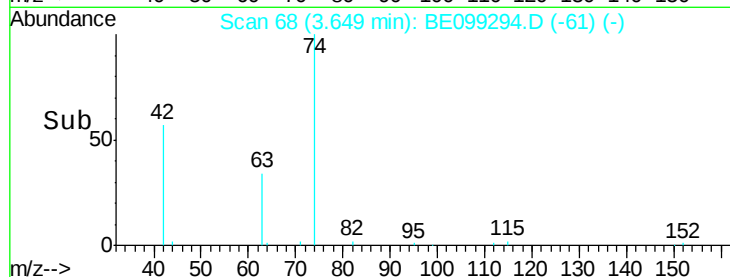
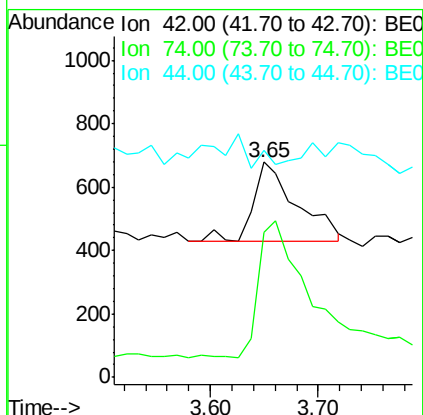
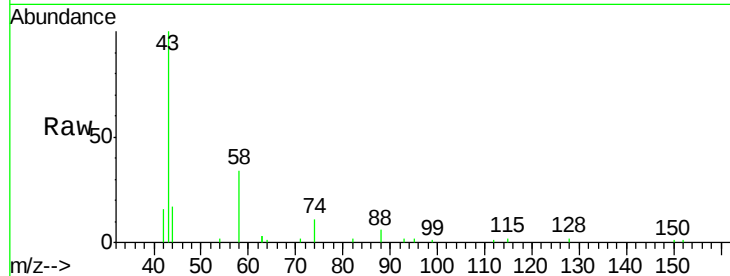
n-Nitrosodimethylamine
Concen: 0.212 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.02 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Instrument :
BNA_E
ClientSampleId :
PB118607BS

Tgt Ion	Ratio	Lower	Upper
42	100		
74	180.4	138.6	207.8
44	0.0	15.0	22.6#

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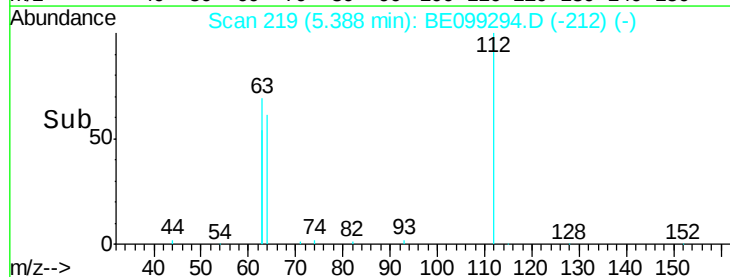
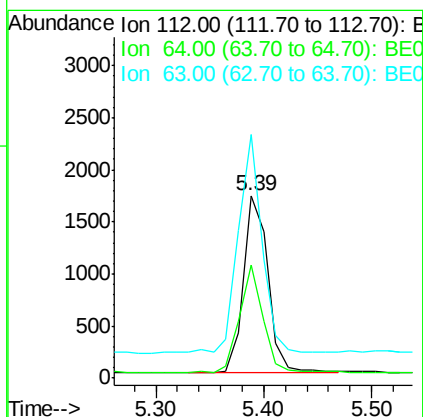
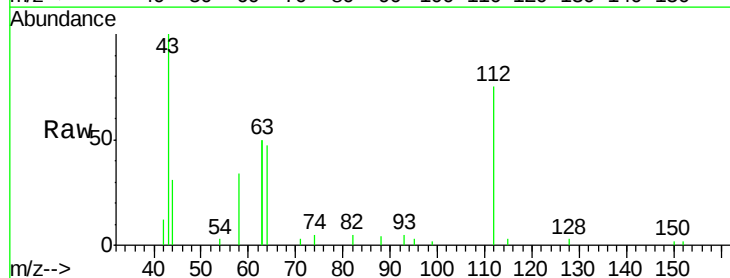
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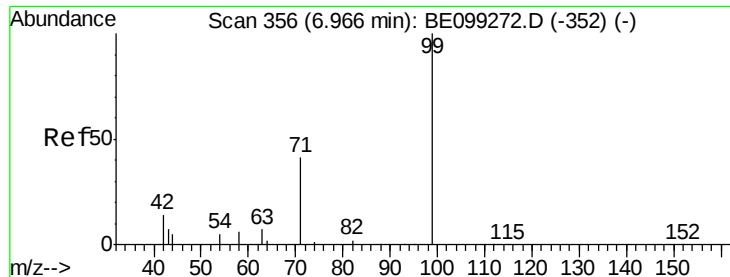


#4

2-Fluorophenol
Concen: 0.239 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.02 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.2	69.2
63	117.7	89.9	134.9





#5

Phenol-d6

Concen: 0.235 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

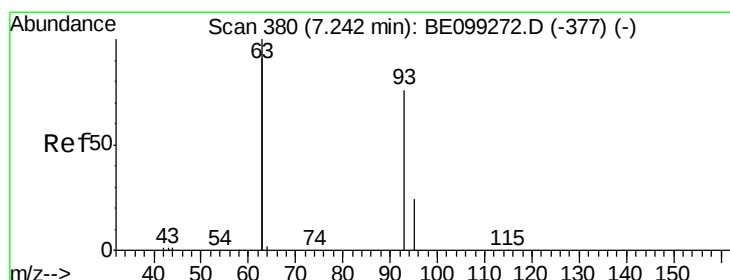
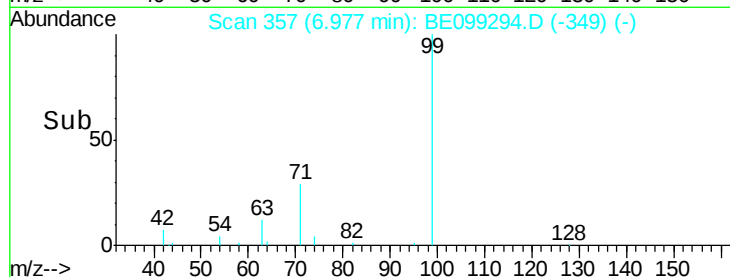
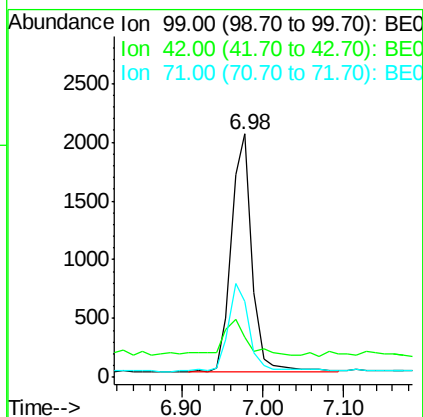
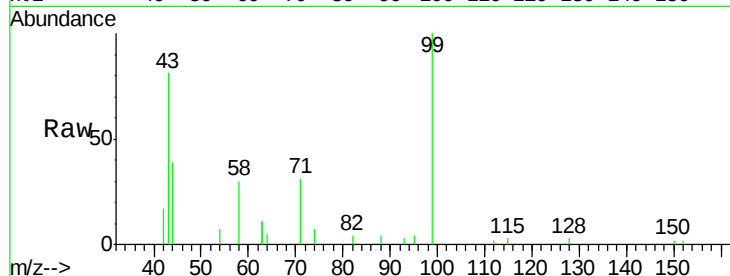
ClientSampleId :

PB118607BS

Tgt Ion:	99	Resp:	3605
Ion	Ratio	Lower	Upper
99	100		
42	18.1	12.4	18.6
71	36.1	28.4	42.6

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#6

bis(2-Chloroethyl)ether

Concen: 0.223 ng

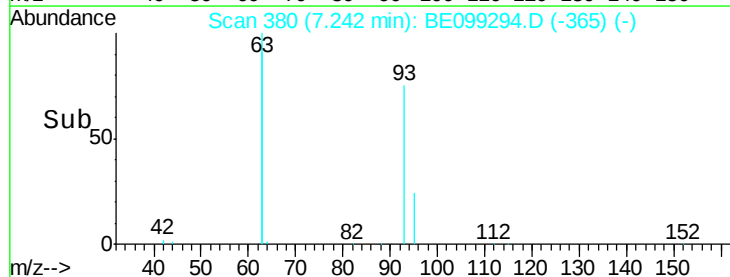
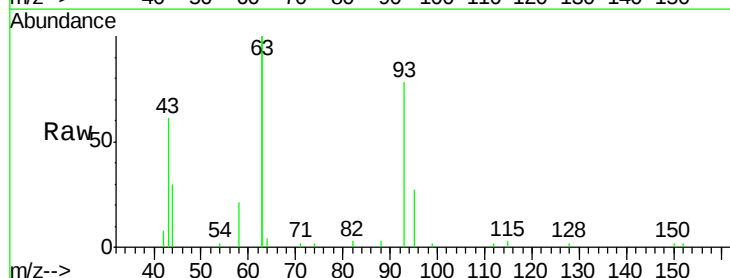
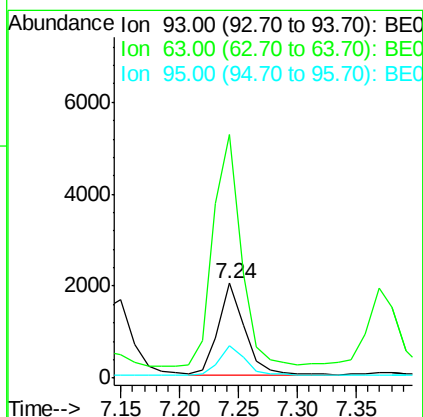
RT: 7.24 min Scan# 380

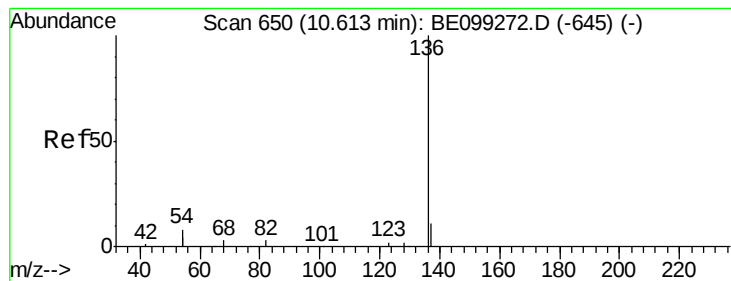
Delta R.T. -0.02 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Tgt Ion:	93	Resp:	3072
Ion	Ratio	Lower	Upper
93	100		
63	267.7	221.4	332.0
95	33.1	25.8	38.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

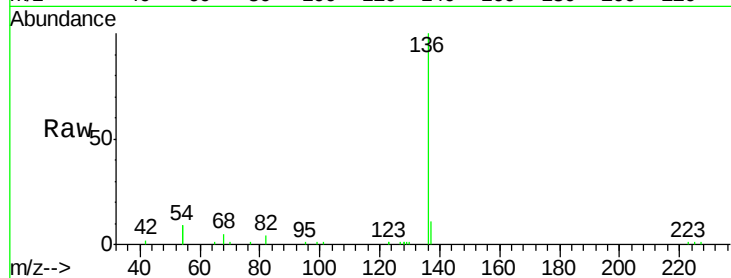
ClientSampleId :

PB118607BS

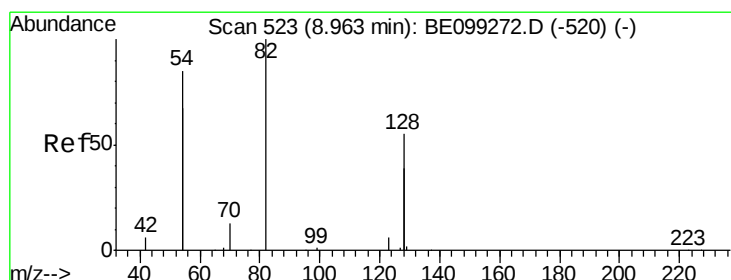
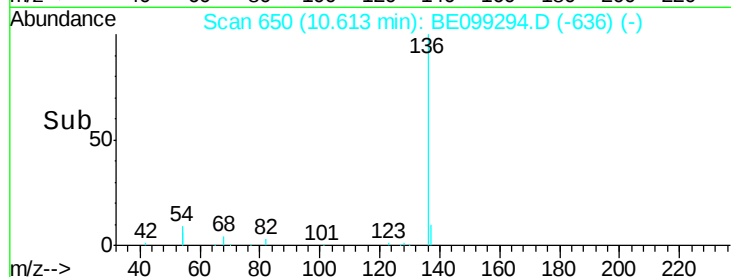
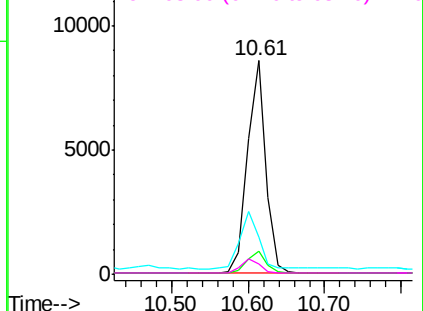
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	17.2	18.7	28.1#
68	4.8	5.2	7.8#

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Abundance Ion 136.00 (135.70 to 136.70): E



#8

Nitrobenzene-d5

Concen: 0.263 ng

RT: 8.98 min Scan# 524

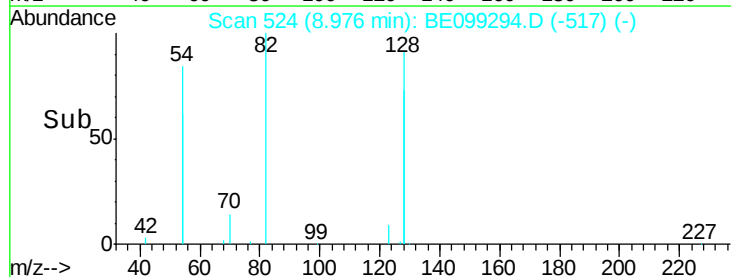
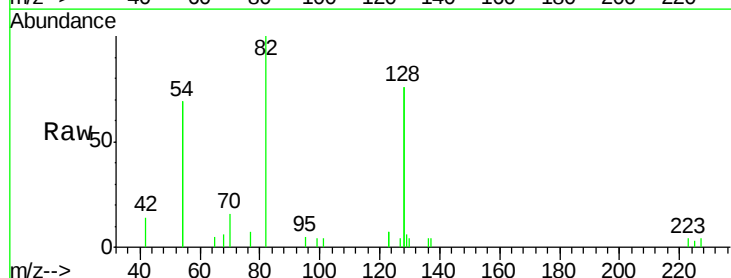
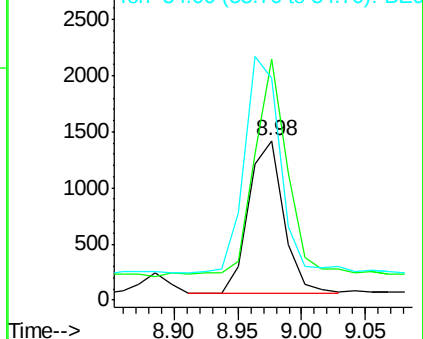
Delta R.T. -0.01 min

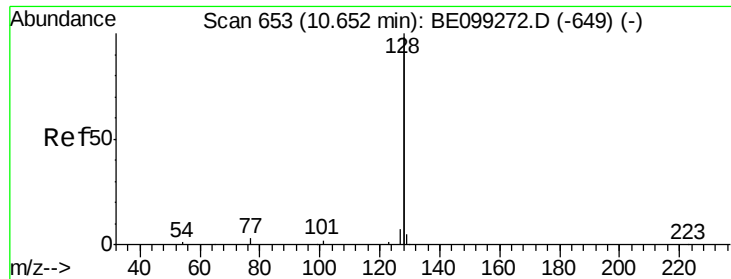
Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
82	100		
128	151.1	107.5	161.3
54	138.8	106.3	159.5

Abundance Ion 82.00 (81.70 to 82.70): BE0





#9

Naphthalene

Concen: 0.234 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.01 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

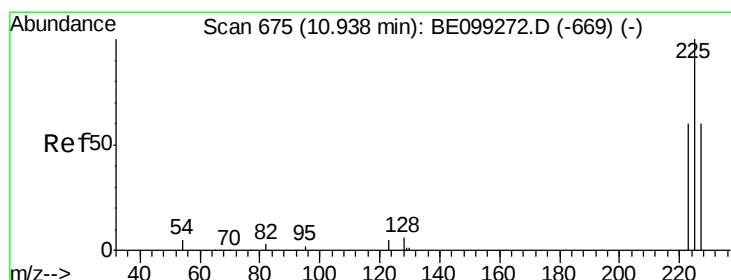
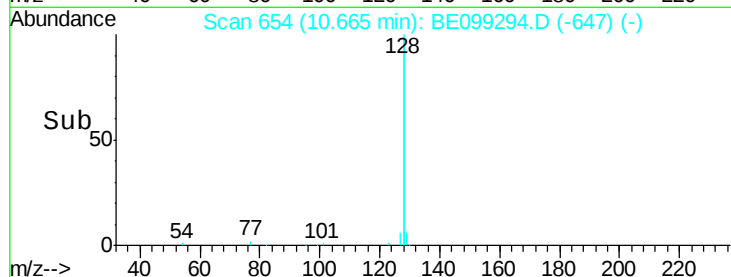
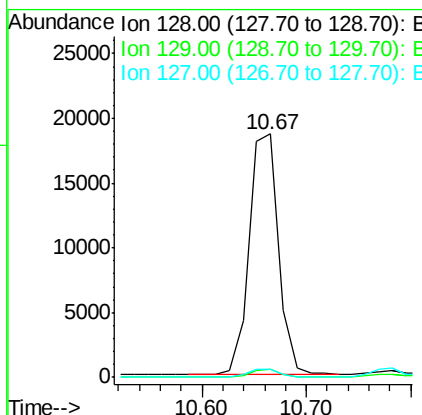
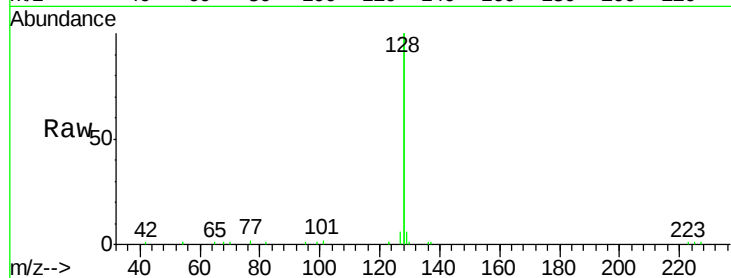
ClientSampleId :

PB118607BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.3	3.5
127	3.2	2.6	3.8

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#10

Hexachlorobutadiene

Concen: 0.231 ng

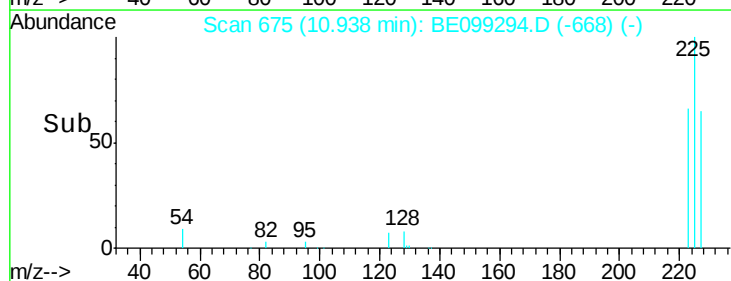
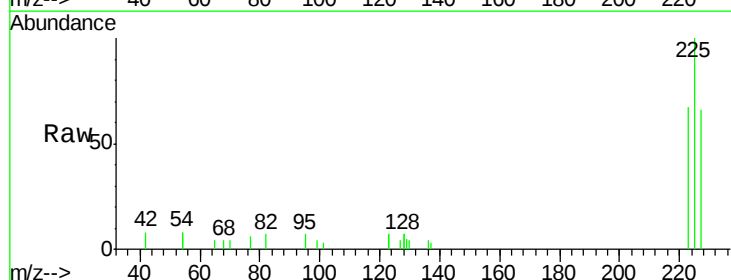
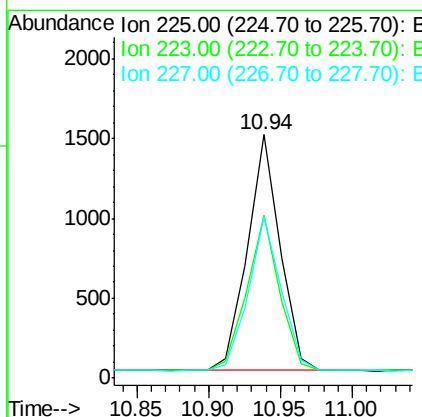
RT: 10.94 min Scan# 675

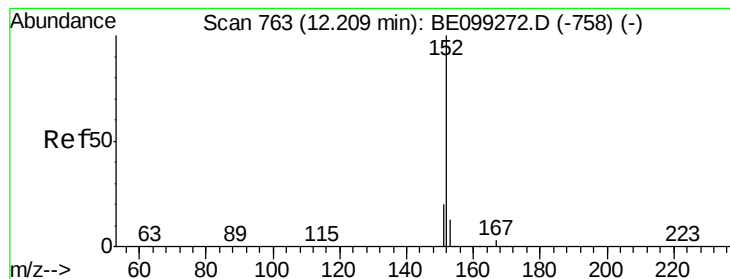
Delta R.T. -0.01 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	51.3	76.9
227	65.6	48.6	73.0





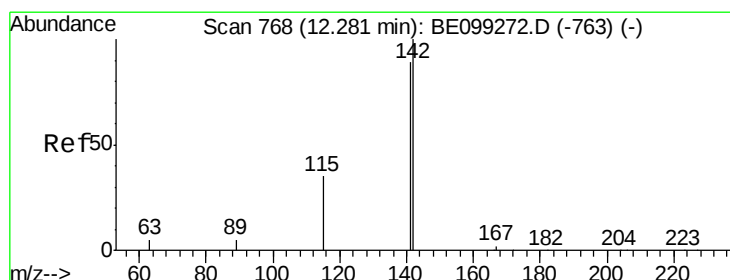
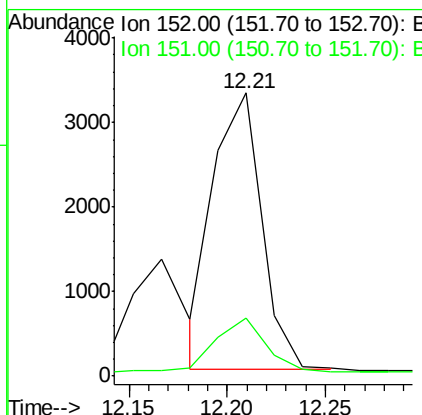
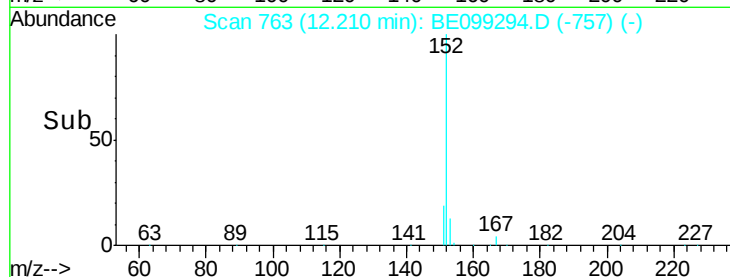
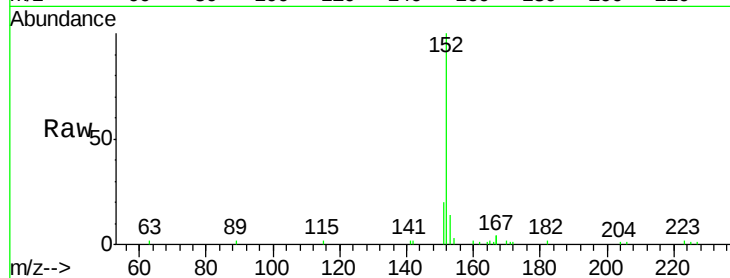
#11
 2-Methylnaphthalene-d10
 Concen: 0.227 ng m
 RT: 12.21 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BE099294.D
 Acq: 4 Apr 2019 17:35

Instrument :
 BNA_E
 ClientSampleId :
 PB118607BS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.0	22.6

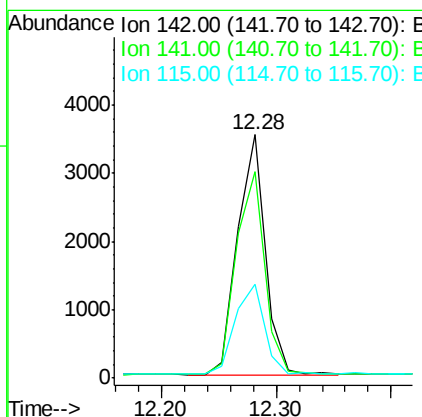
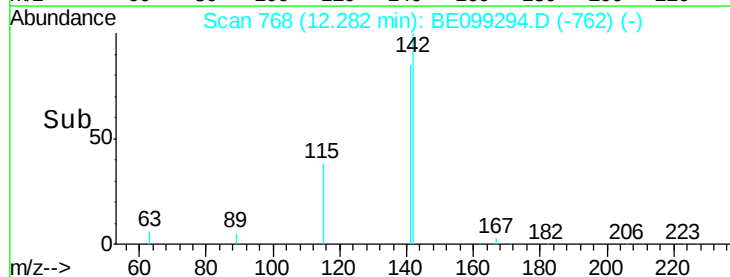
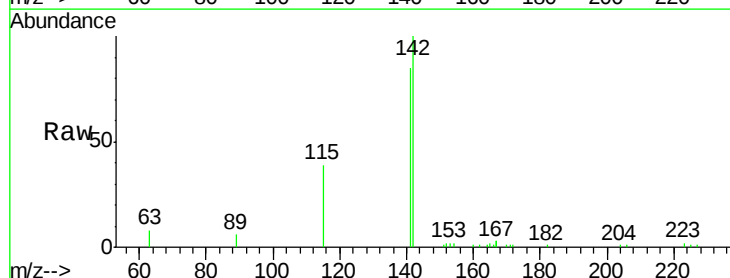
Manual Integrations
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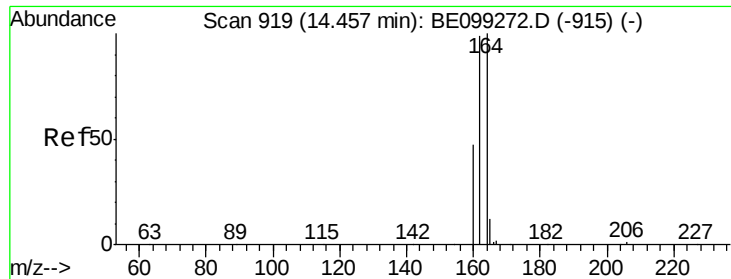
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 4/5/2019 12:26:39 PM



#12
 2-Methylnaphthalene
 Concen: 0.222 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BE099294.D
 Acq: 4 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.9	71.3	106.9
115	38.7	30.4	45.6





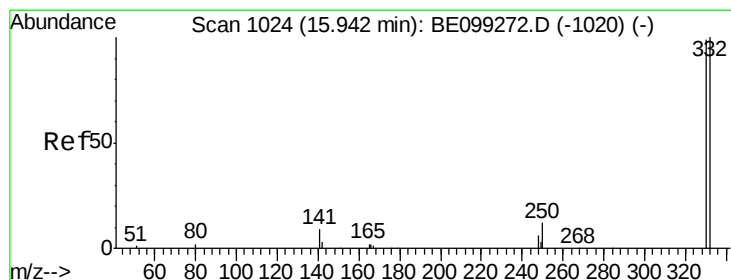
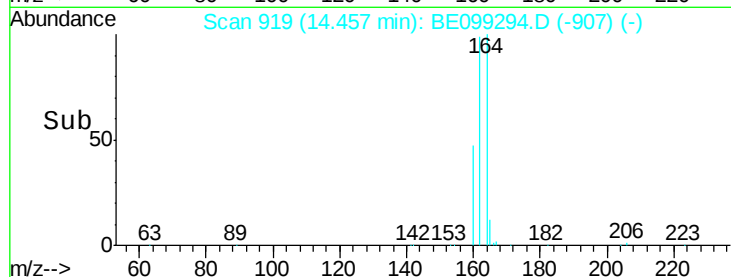
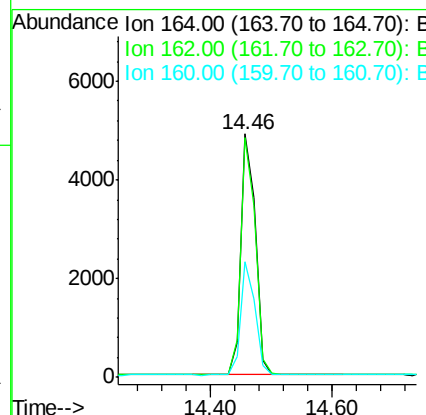
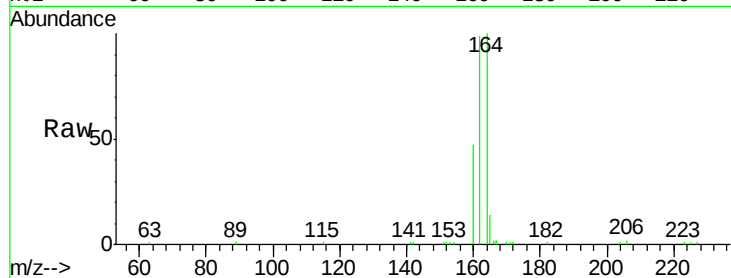
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.03 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Instrument :
BNA_E
ClientSampleId :
PB118607BS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.2	118.8
160	47.4	36.7	55.1

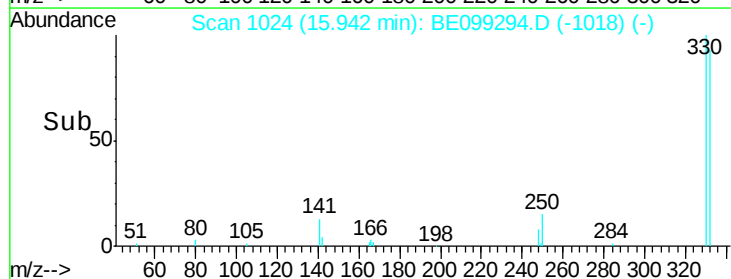
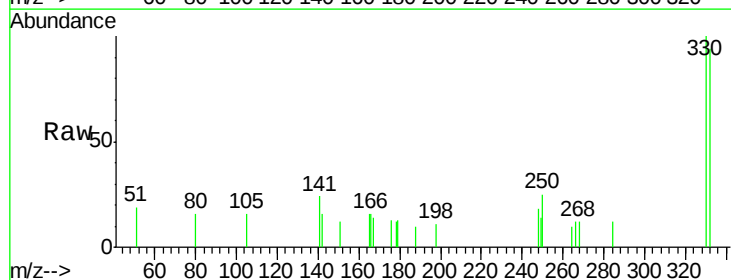
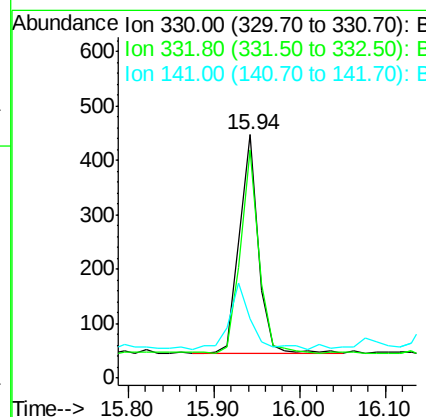
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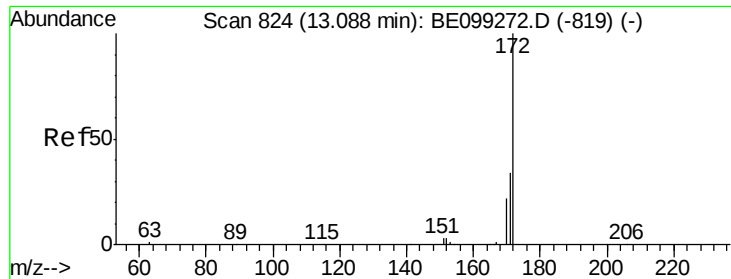
Sohil
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#14
2,4,6-Tribromophenol
Concen: 0.166 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	89.2	71.3	106.9
141	30.5	21.7	32.5





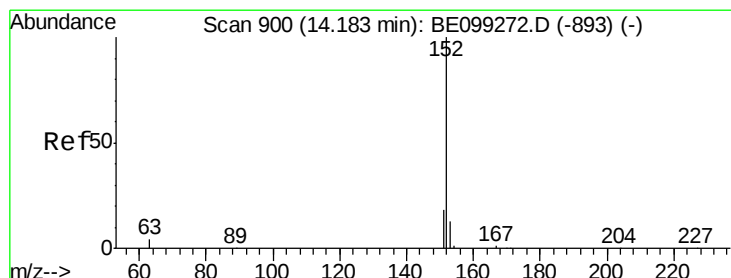
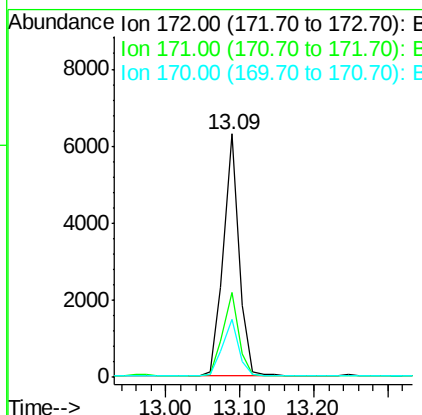
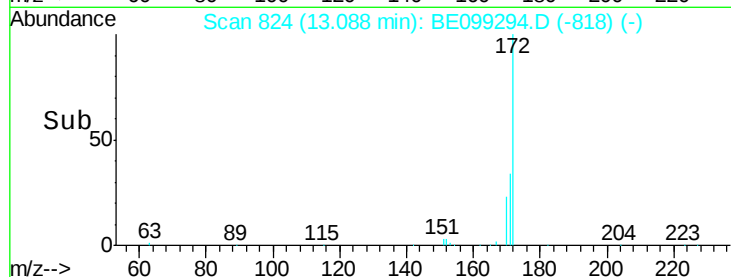
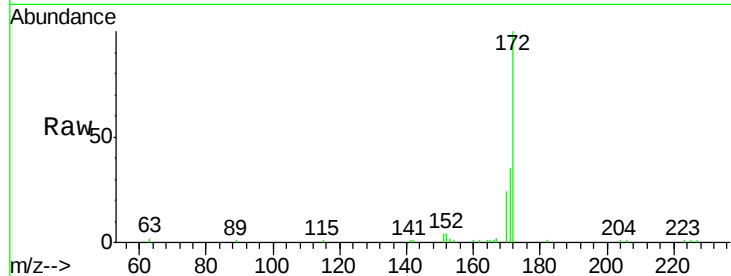
#15
 2-Fluorobiphenyl
 Concen: 0.285 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BE099294.D
 Acq: 4 Apr 2019 17:35

Instrument :
 BNA_E
 ClientSampleId :
 PB118607BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.4	41.0
170	24.1	19.1	28.7

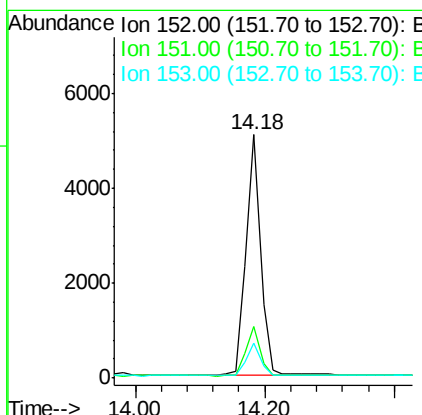
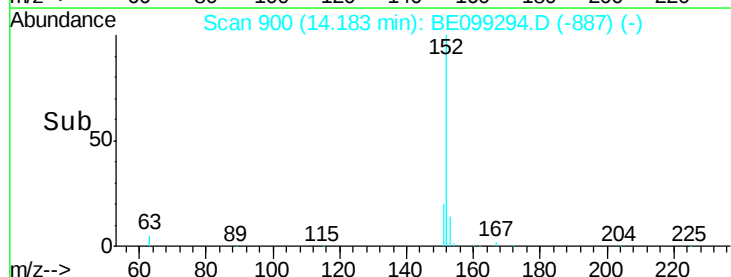
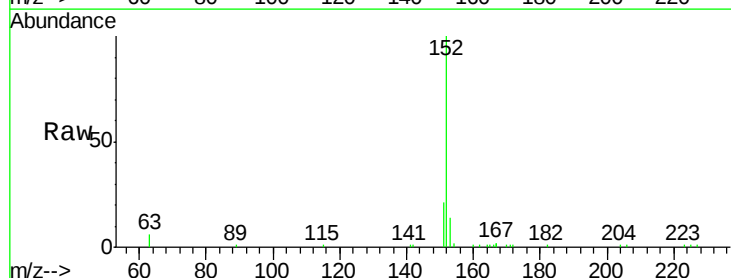
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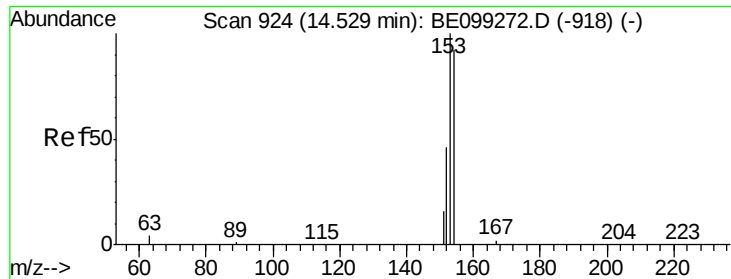
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#16
 Acenaphthylene
 Concen: 0.209 ng
 RT: 14.18 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BE099294.D
 Acq: 4 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.5	10.6	15.8





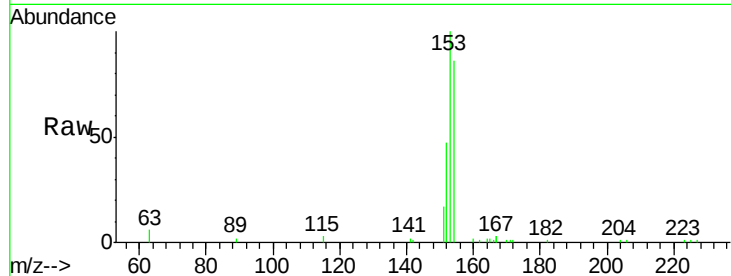
#17
Acenaphthene
Concen: 0.231 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Instrument :
BNA_E
ClientSampleId :
PB118607BS

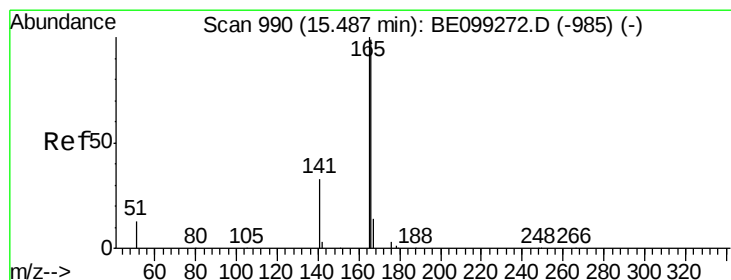
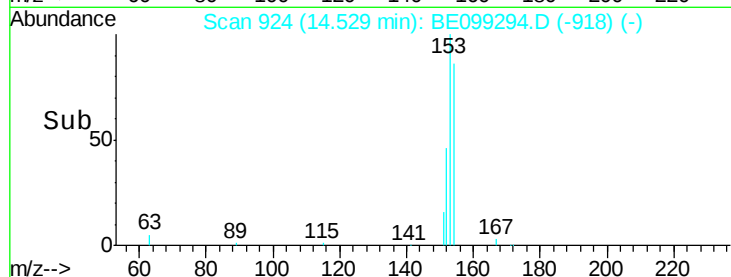
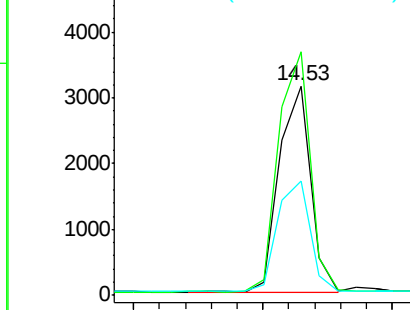
Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.5	93.4	140.0
152	55.7	46.6	69.8

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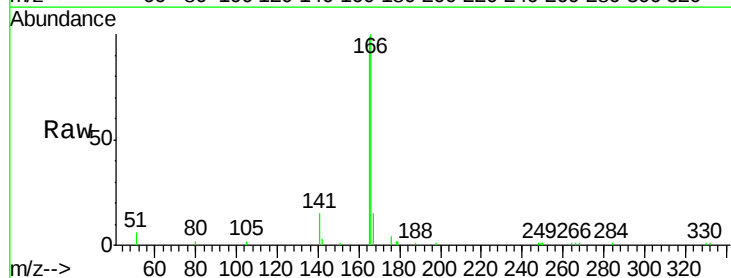


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

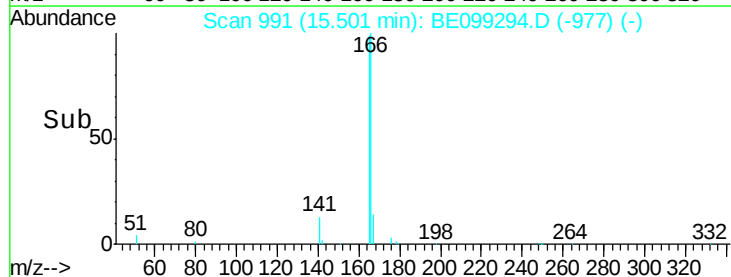
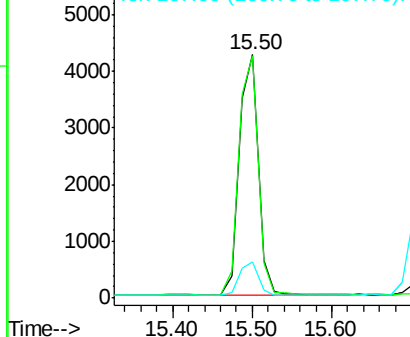


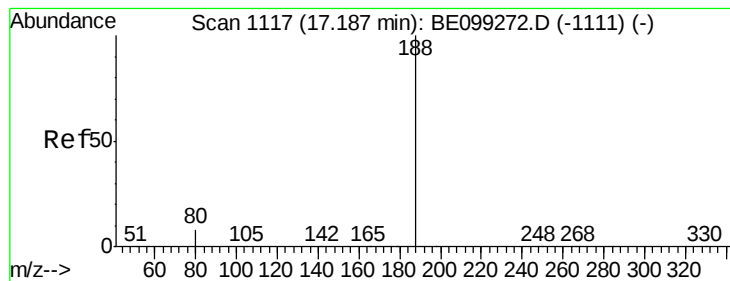
#18
Fluorene
Concen: 0.215 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.9	118.3
167	13.8	10.9	16.3



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: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

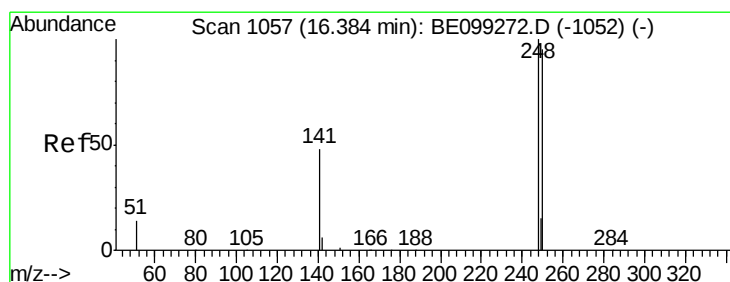
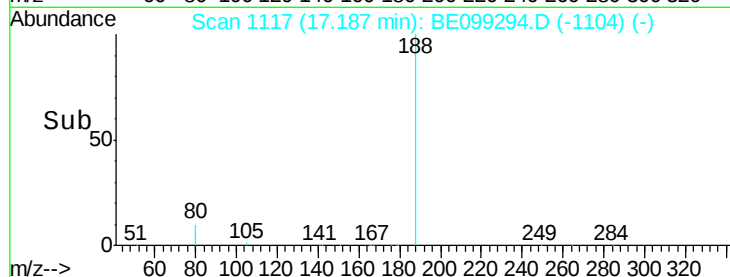
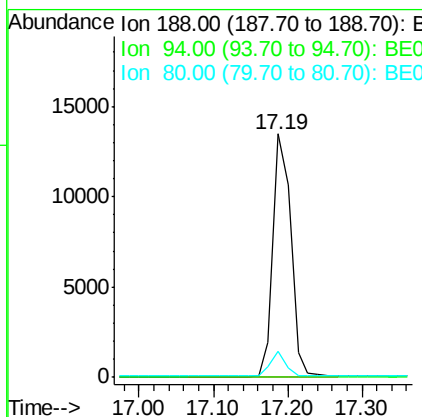
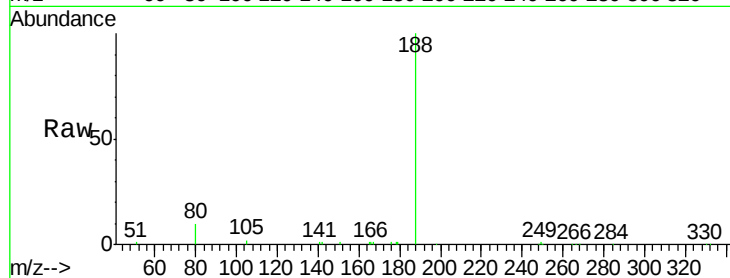
ClientSampleId :

PB118607BS

Tgt Ion:	188	Resp:	22271
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.5	4.5	6.7#

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#20

4-Bromophenyl-phenylether

Concen: 0.230 ng

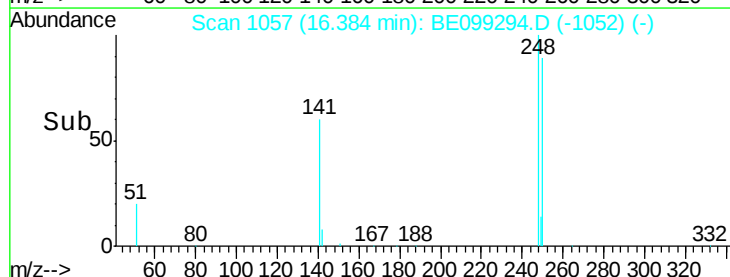
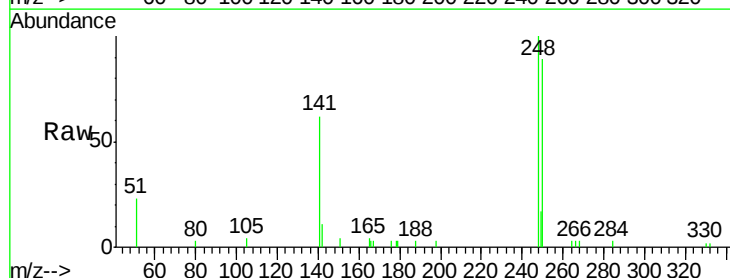
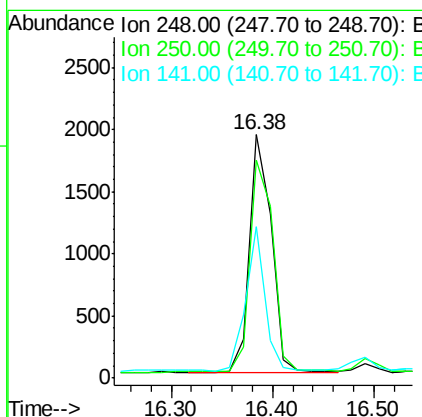
RT: 16.38 min Scan# 1057

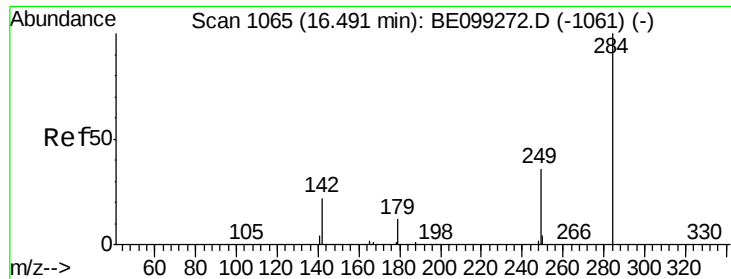
Delta R.T. -0.03 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Tgt Ion:	248	Resp:	2907
Ion Ratio	Lower	Upper	
248	100		
250	89.3	84.2	126.2
141	62.0	21.8	32.6#





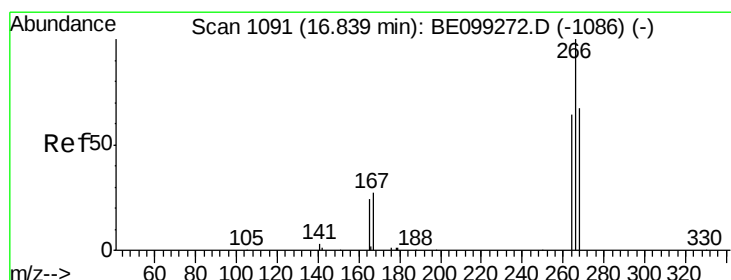
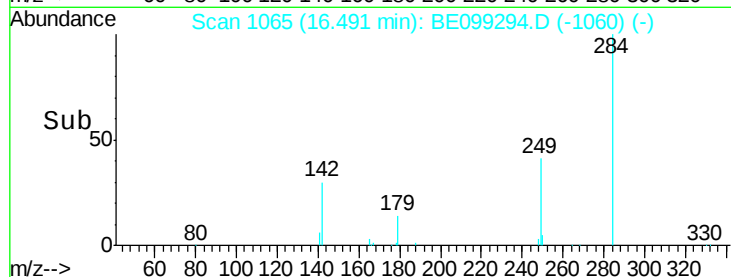
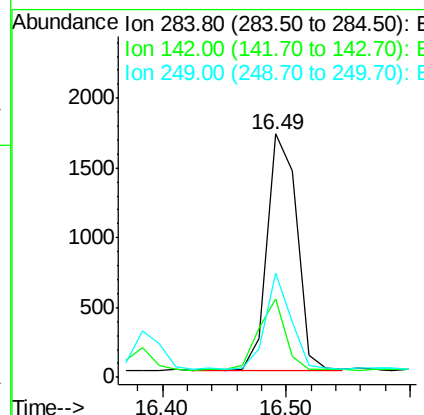
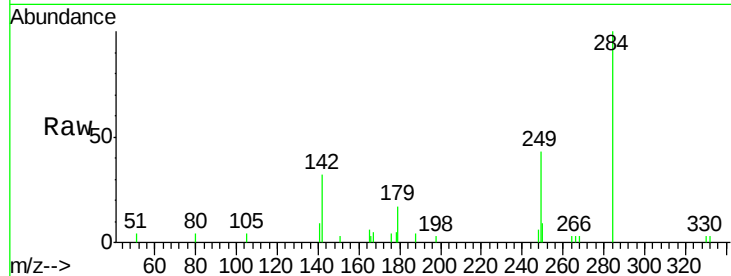
#21
Hexachlorobenzene
Concen: 0.233 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.03 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Instrument :
BNA_E
ClientSampleId :
PB118607BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.1	22.7	34.1
249	35.2	26.9	40.3

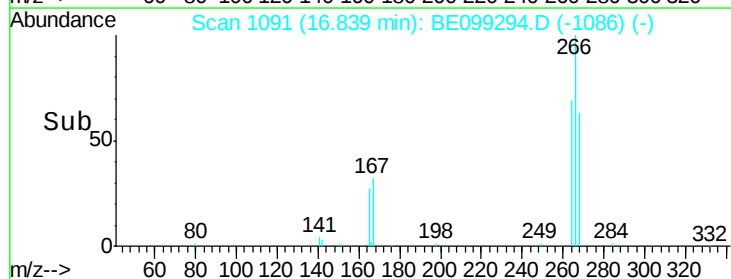
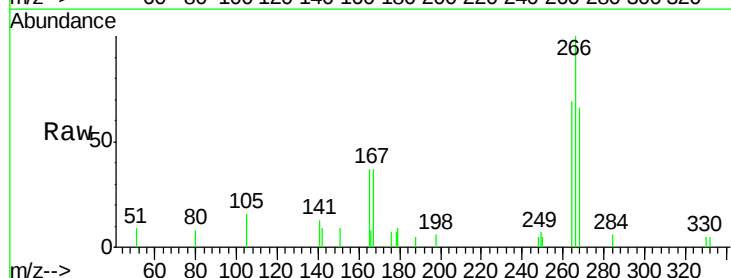
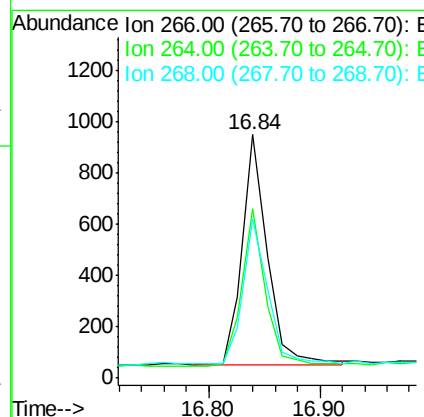
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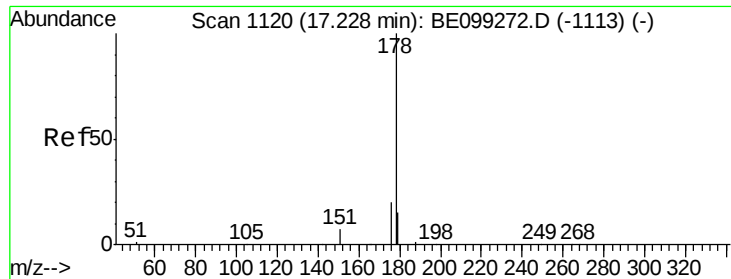
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#22
Pentachlorophenol
Concen: 0.280 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
266	100		
264	69.4	54.4	81.6
268	65.6	61.3	91.9





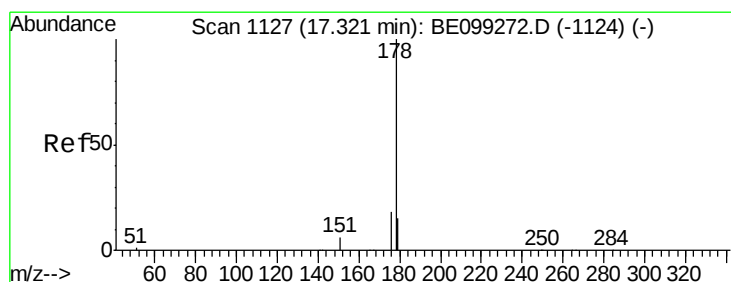
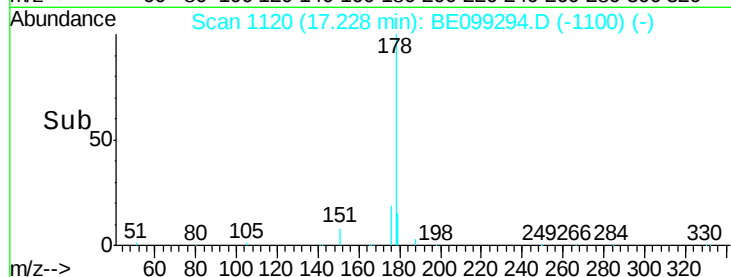
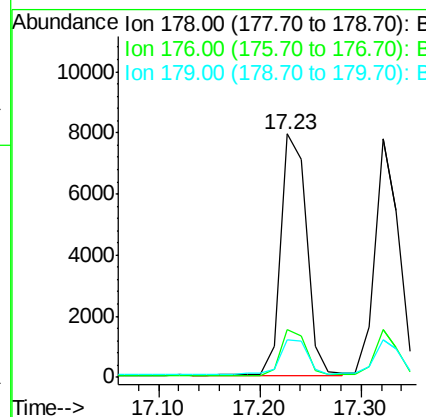
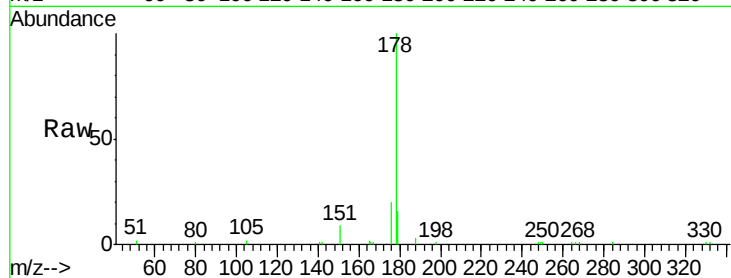
#23
Phenanthrene
Concen: 0.238 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Instrument :
BNA_E
ClientSampleID :
PB118607BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.7	12.3	18.5

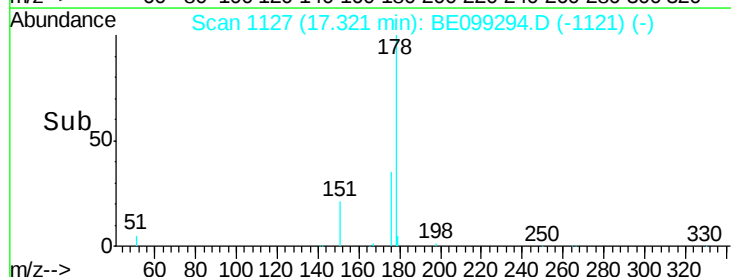
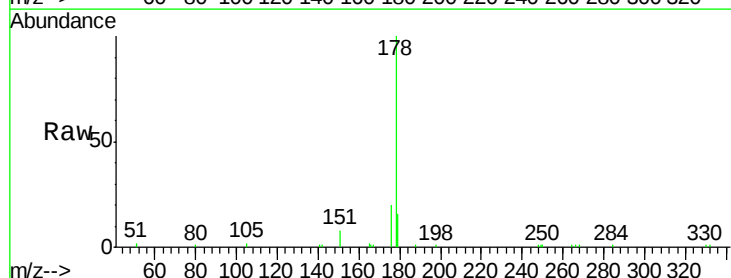
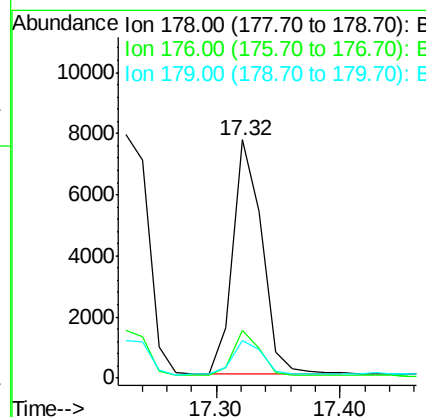
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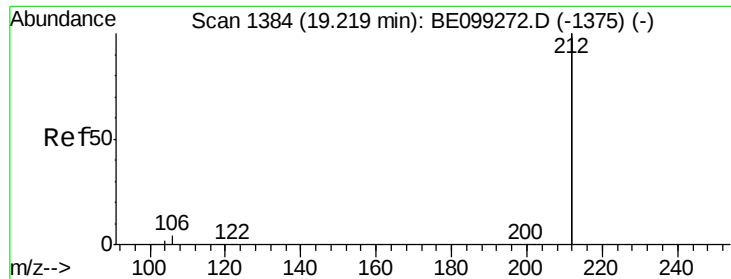
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#24
Anthracene
Concen: 0.230 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	15.4	12.4	18.6





#25

Fluoranthene-d10

Concen: 0.225 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

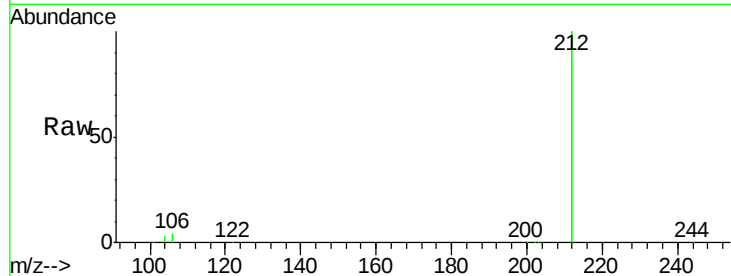
ClientSampleId :

PB118607BS

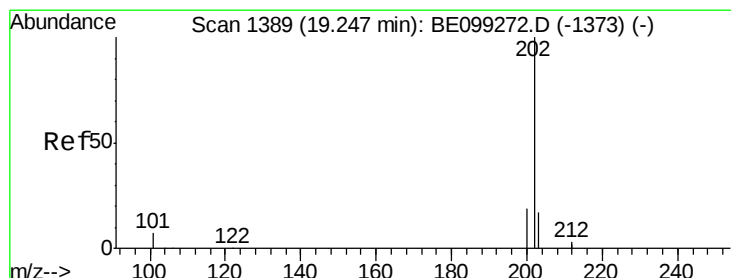
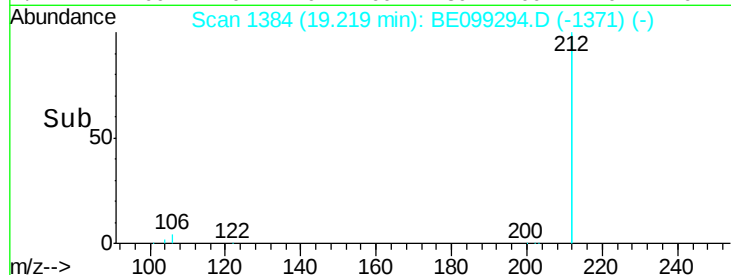
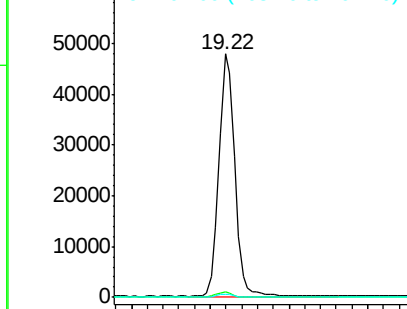
Tgt Ion:	212	Resp:	66173
Ion Ratio	Lower	Upper	
212	100		
106	2.1	1.8	2.8
104	1.3	1.1	1.7

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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: 0.197 ng

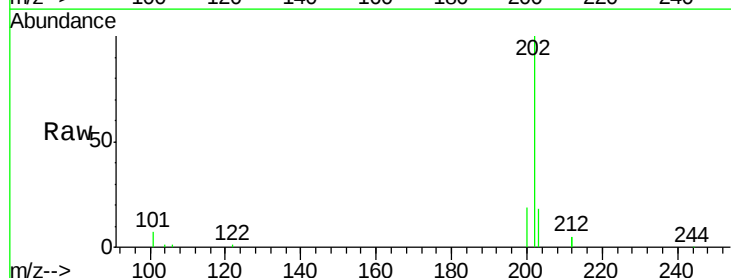
RT: 19.25 min Scan# 1390

Delta R.T. -0.02 min

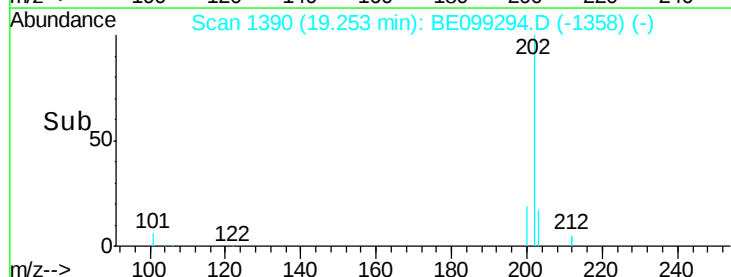
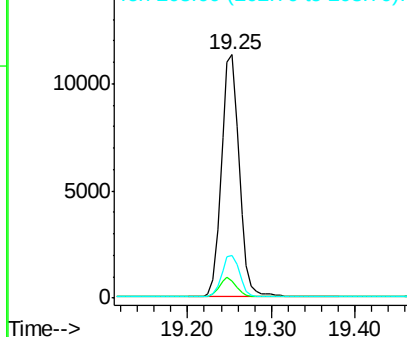
Lab File: BE099294.D

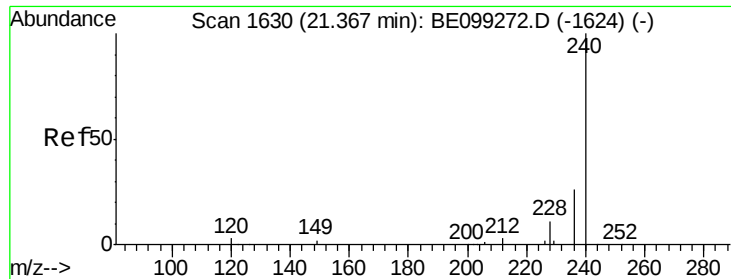
Acq: 4 Apr 2019 17:35

Tgt Ion:	202	Resp:	16789
Ion Ratio	Lower	Upper	
202	100		
101	7.8	7.0	10.4
203	17.1	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





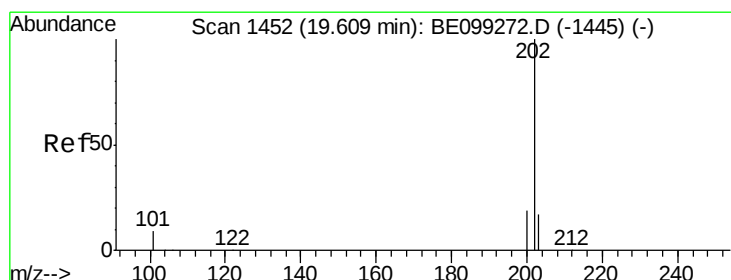
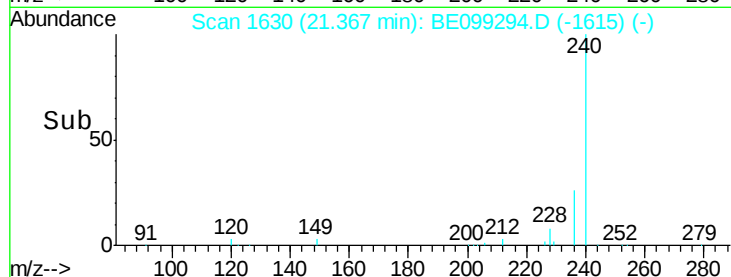
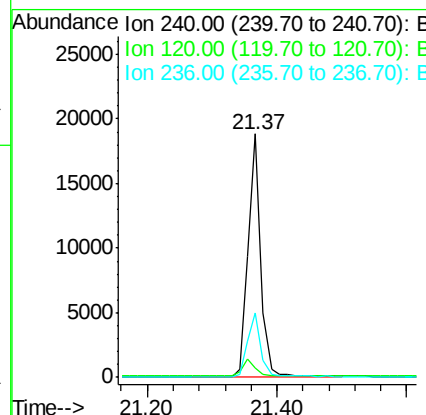
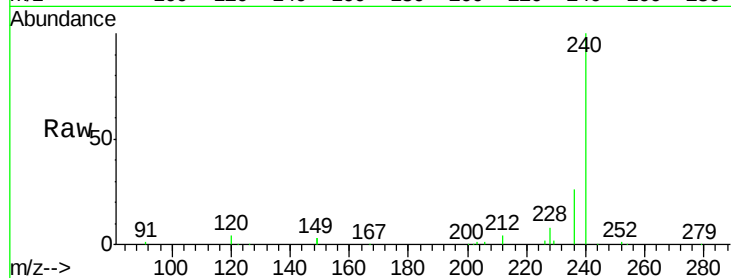
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Instrument :
BNA_E
ClientSampleId :
PB118607BS

Tgt Ion: 240 Resp: 25472
Ion Ratio Lower Upper
240 100
120 3.9 2.6 3.8#
236 26.4 20.9 31.3

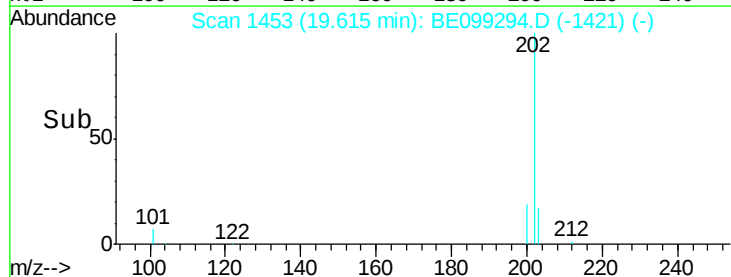
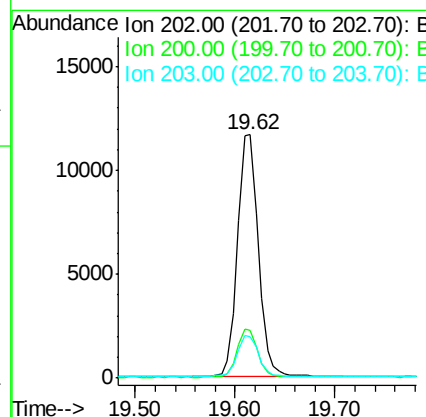
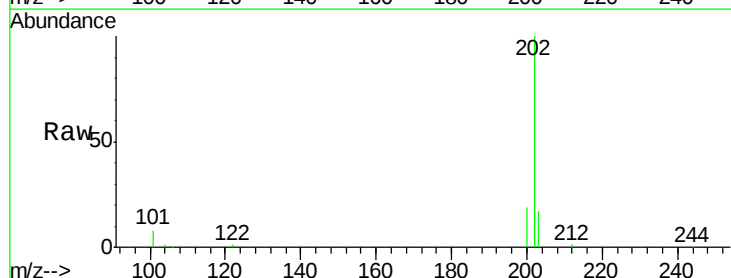
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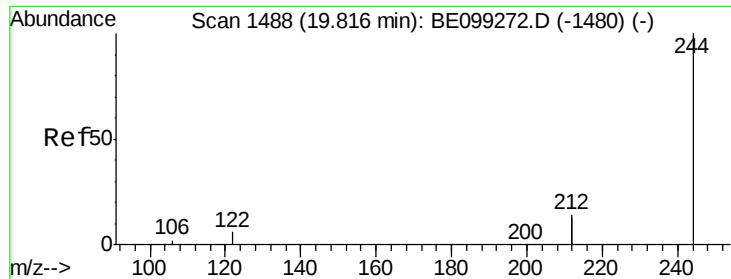
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#28
Pyrene
Concen: 0.254 ng
RT: 19.62 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Tgt Ion: 202 Resp: 17055
Ion Ratio Lower Upper
202 100
200 19.4 15.8 23.8
203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 0.240 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099294.D

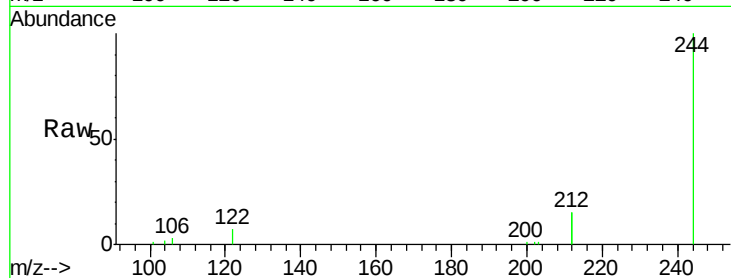
Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

ClientSampleId :

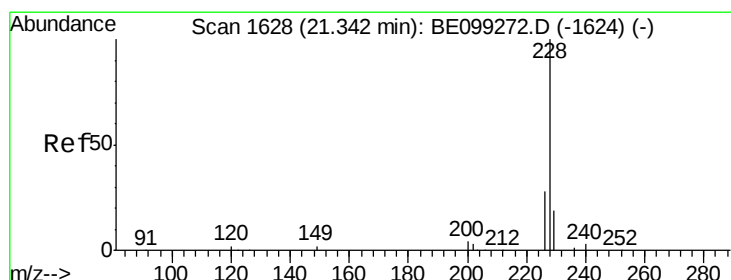
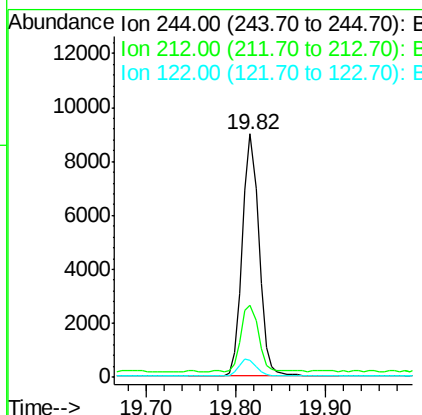
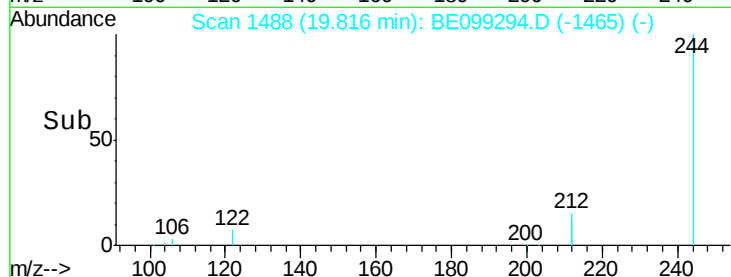
PB118607BS



Tgt Ion:	244	Resp:	11172
Ion Ratio	Lower	Upper	
244	100		
212	29.6	22.7	34.1
122	7.1	5.8	8.6

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#30

Benzo(a)anthracene

Concen: 0.234 ng

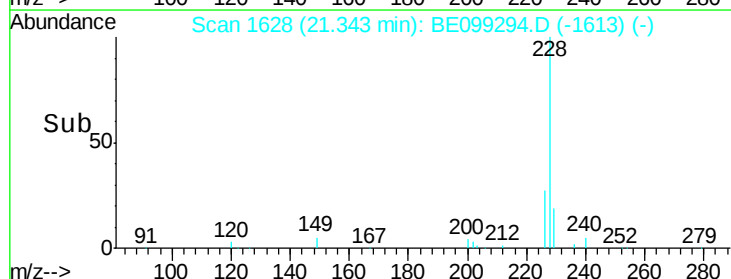
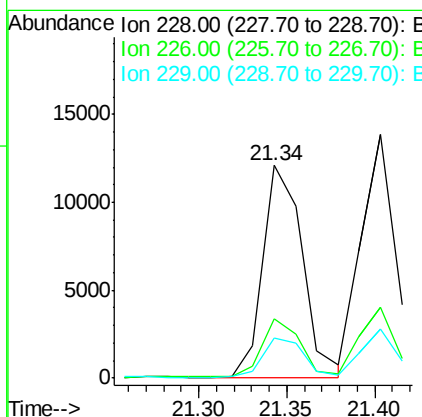
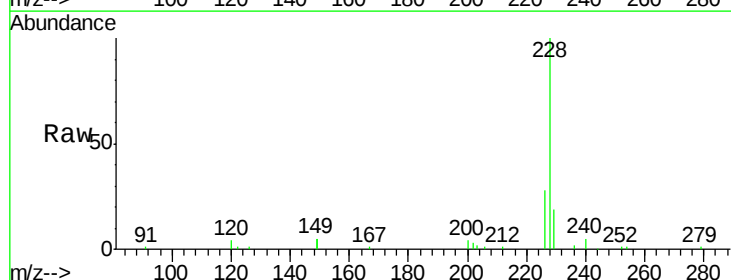
RT: 21.34 min Scan# 1628

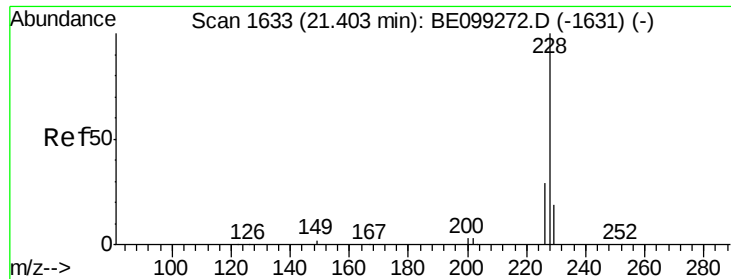
Delta R.T. -0.02 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Tgt Ion:	228	Resp:	18779
Ion Ratio	Lower	Upper	
228	100		
226	27.7	21.7	32.5
229	19.0	15.9	23.9





#31

Chrysene

Concen: 0.237 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

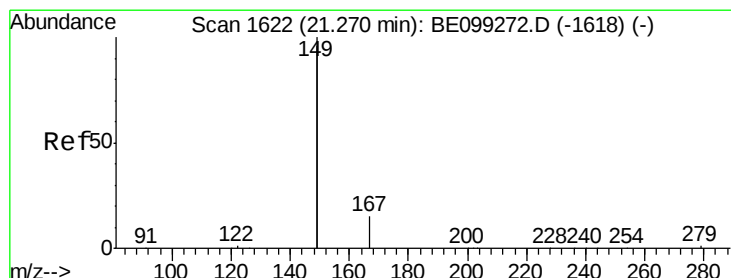
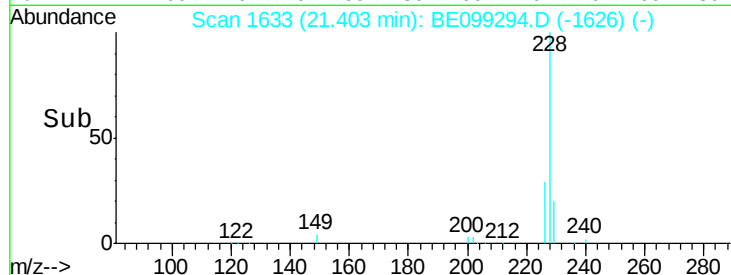
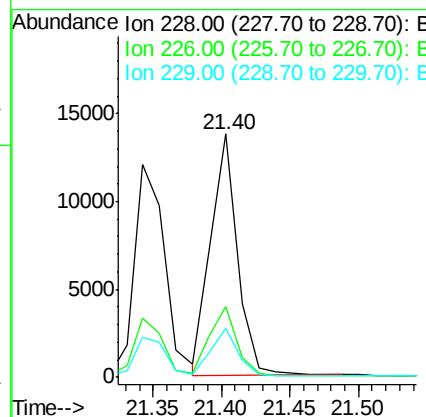
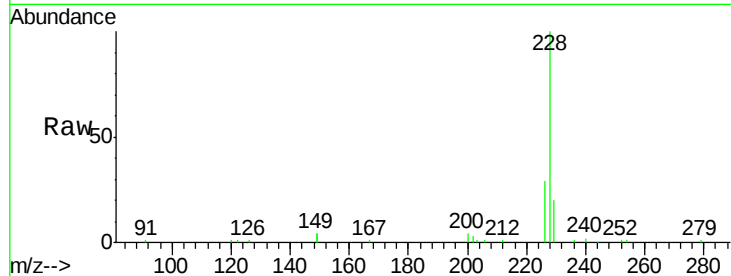
ClientSampleId :

PB118607BS

Tgt Ion:	228	Resp:	18649
Ion Ratio	Lower	Upper	
228	100		
226	28.9	24.8	37.2
229	20.0	15.4	23.0

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4/5/2019 12:26:39 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.149 ng

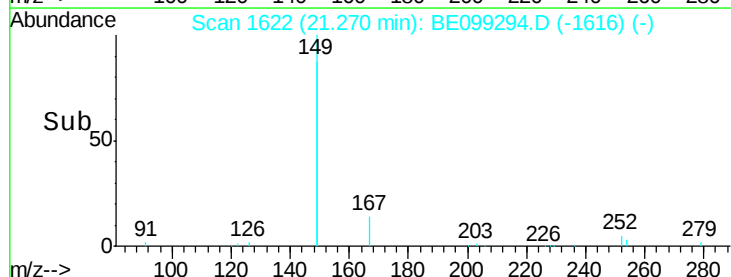
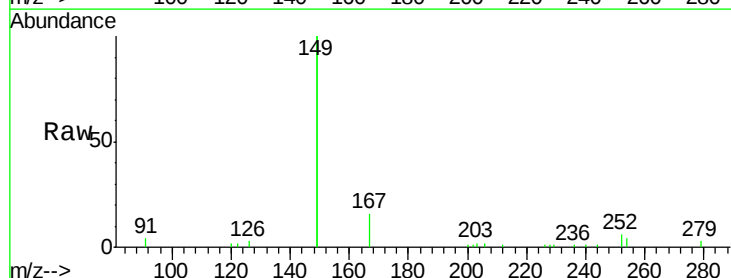
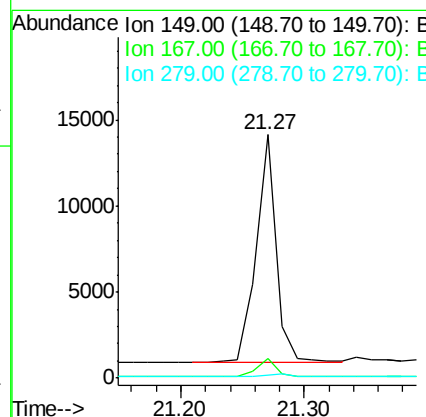
RT: 21.27 min Scan# 1622

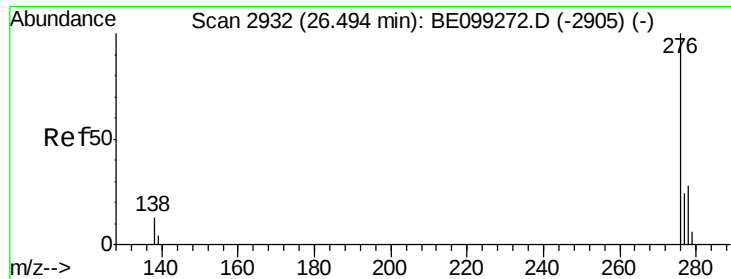
Delta R.T. -0.02 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Tgt Ion:	149	Resp:	15195
Ion Ratio	Lower	Upper	
149	100		
167	7.5	5.9	8.9
279	1.6	1.0	1.6#





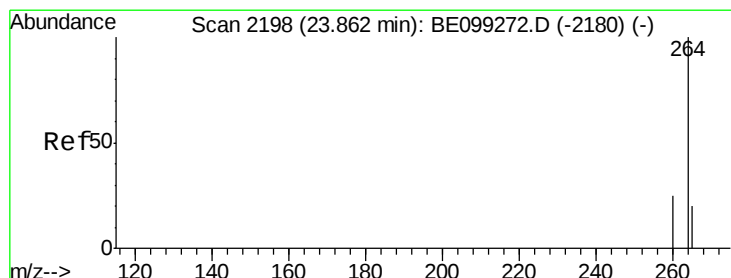
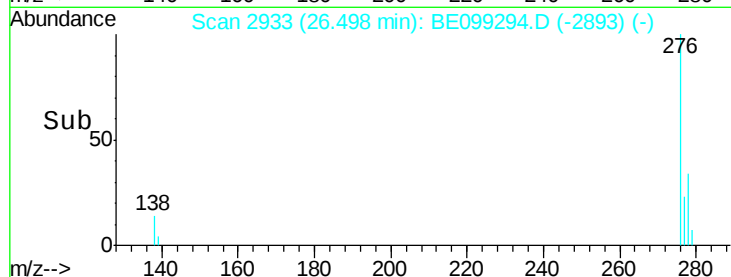
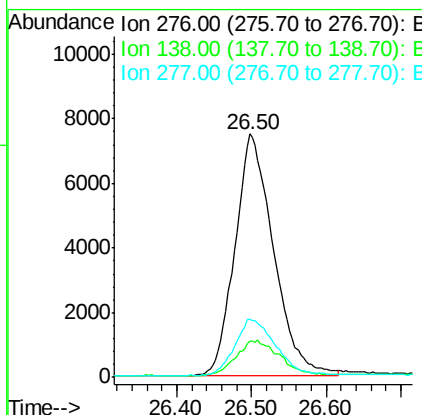
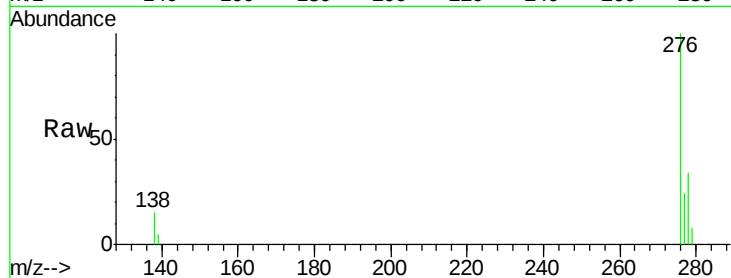
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.298 ng
RT: 26.50 min Scan# 2933
Delta R.T. -0.06 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Instrument :
BNA_E
ClientSampleId :
PB118607BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.9	19.3
277	24.4	18.3	27.5

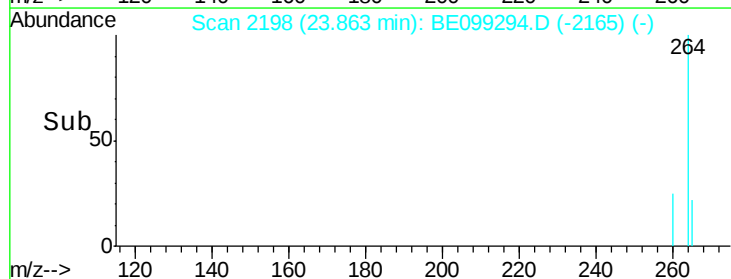
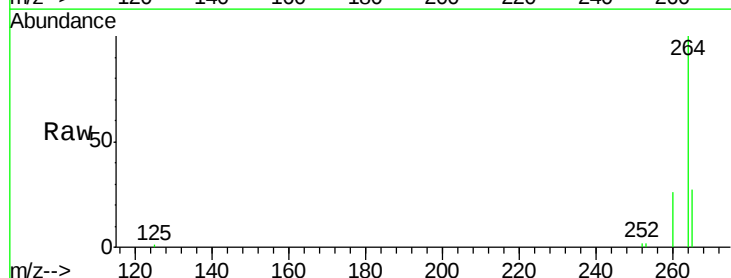
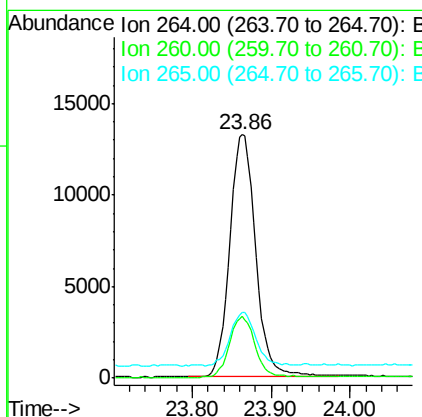
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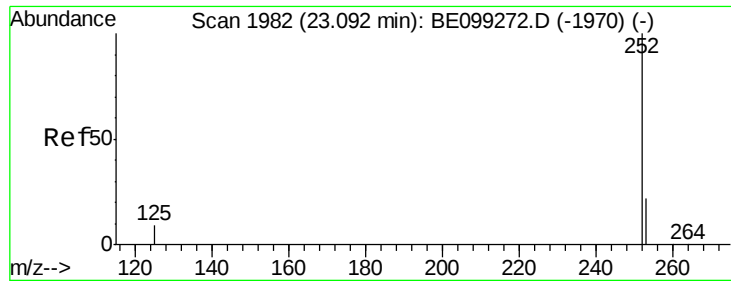
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.03 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.2	27.2
265	26.7	21.8	32.8





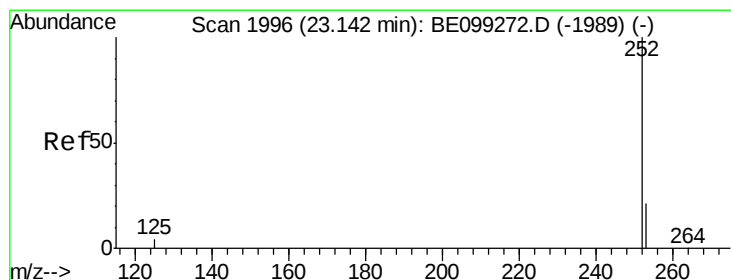
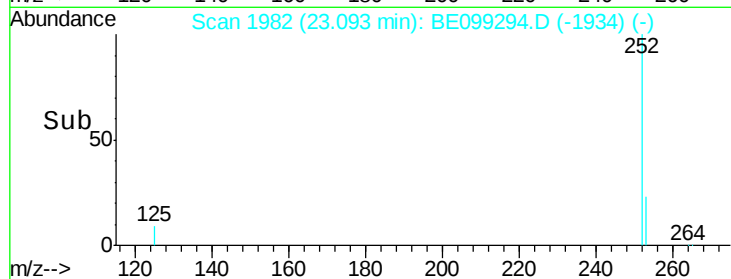
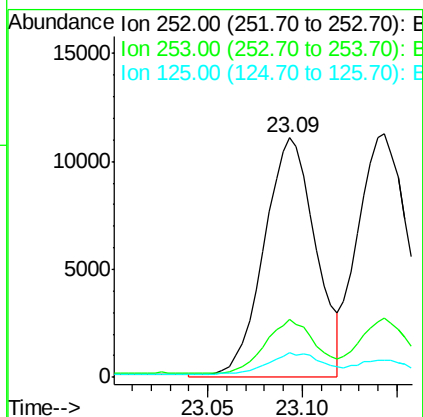
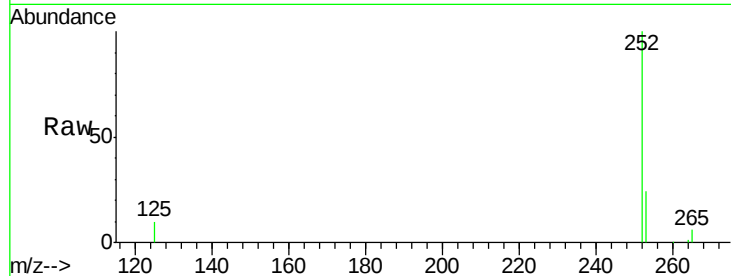
#35
Benzo(b)fluoranthene
Concen: 0.233 ng m
RT: 23.09 min Scan# 1982
Delta R.T. -0.03 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Instrument :
BNA_E
ClientSampled :
PB118607BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.8
125	10.3	6.1	9.1

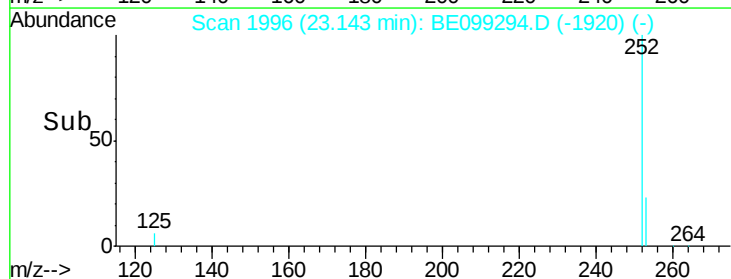
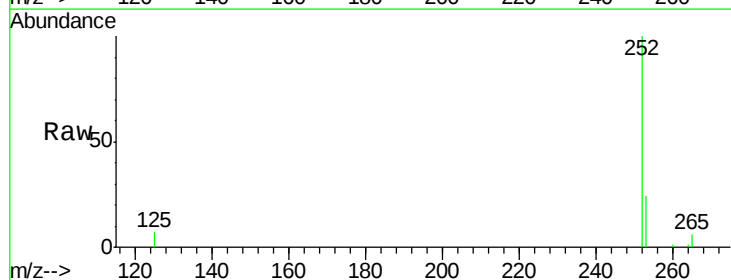
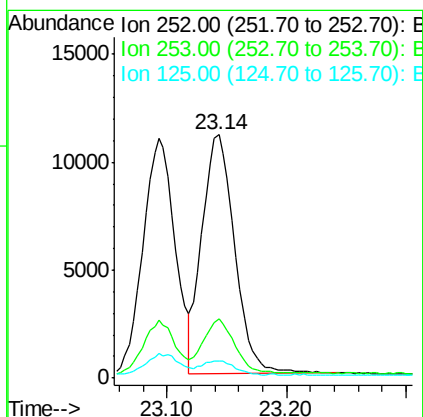
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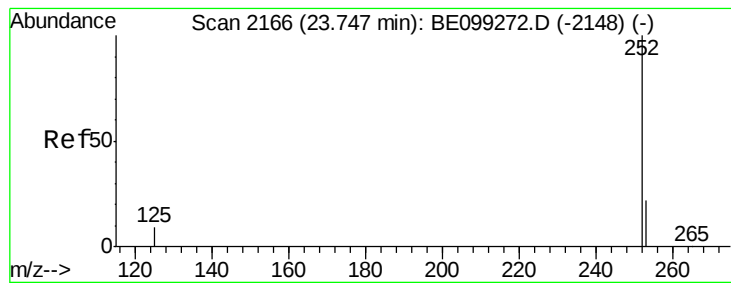
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4/5/2019 12:26:39 PM



#36
Benzo(k)fluoranthene
Concen: 0.239 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.03 min
Lab File: BE099294.D
Acq: 4 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	7.2	5.9	8.9





#37

Benzo(a)pyrene

Concen: 0.233 ng

RT: 23.75 min Scan# 2166

Delta R.T. -0.03 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

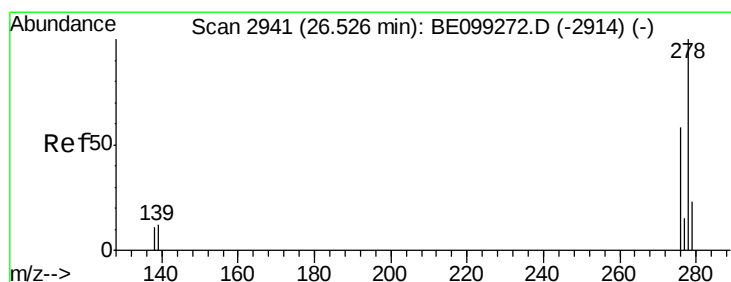
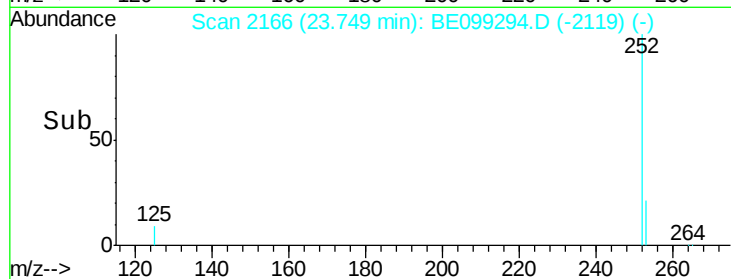
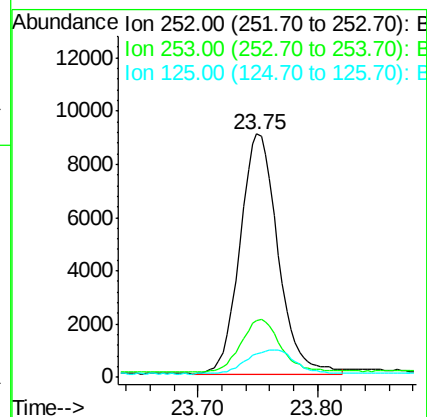
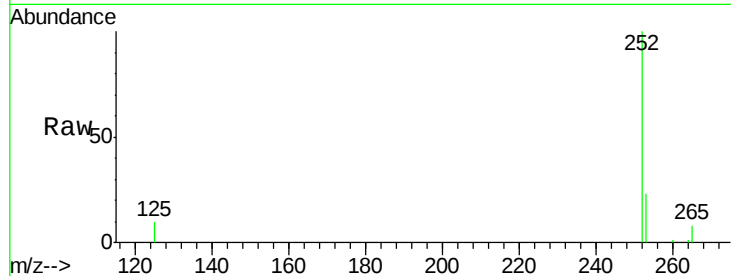
ClientSampleId :

PB118607BS

Tgt Ion:	252	Resp:	19870
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.1	27.1
125	9.8	6.8	10.2

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4/5/2019 12:26:39 PM



#38

Dibenzo(a,h)anthracene

Concen: 0.271 ng

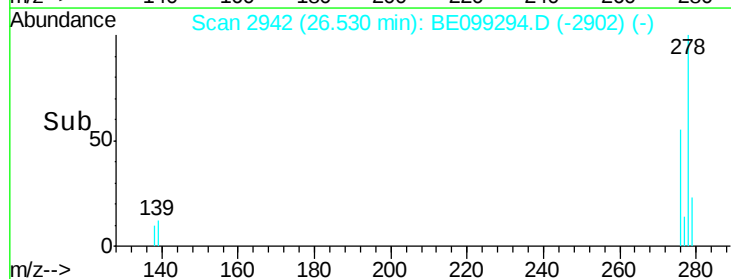
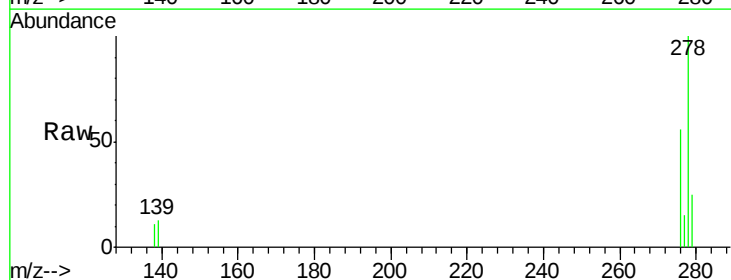
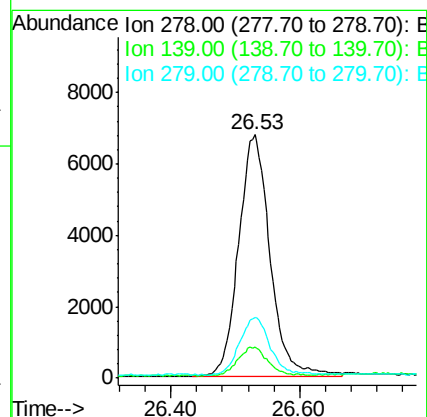
RT: 26.53 min Scan# 2942

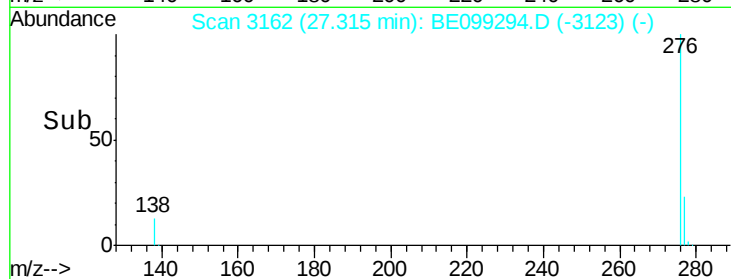
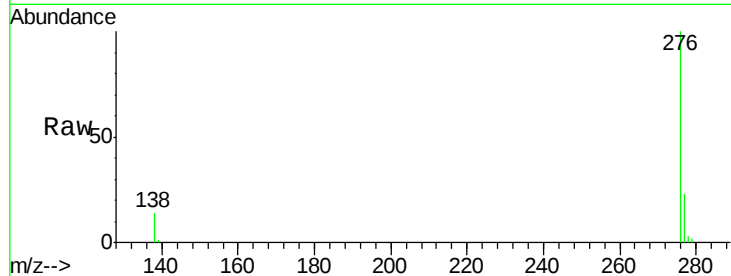
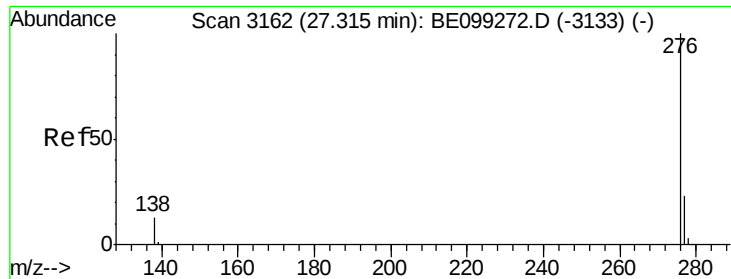
Delta R.T. -0.06 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Tgt Ion:	278	Resp:	22990
Ion Ratio	Lower	Upper	
278	100		
139	12.6	9.5	14.3
279	24.7	19.1	28.7





#39

Benzo(g,h,i)perylene

Concen: 0.277 ng

RT: 27.31 min Scan# 3162

Delta R.T. -0.06 min

Lab File: BE099294.D

Acq: 4 Apr 2019 17:35

Instrument :

BNA_E

ClientSampleId :

PB118607BS

Tgt Ion:	276	Resp:	23434
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.0	28.4
138	14.3	11.1	16.7

Manual Integrations
APPROVED

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4/5/2019 12:26:39 PM

