

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
 Data File : BE097994.D
 Acq On : 19 Oct 2018 16:38
 Operator : SJ/JU
 Sample : PB113998BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB113998BS

Manual Integrations
 APPROVED

Sohil
 10/22/2018 5:06:07 PM

Quant Time: Oct 19 23:57:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2587	0.40	ng	-0.01
7) Naphthalene-d8	10.68	136	11136	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	6387	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	15685	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	24447	0.40	ng	-0.01
34) Perylene-d12	24.03	264	24620	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	3313	0.41	ng	0.00
5) Phenol-d6	7.05	99	4537	0.38	ng	-0.01
8) Nitrobenzene-d5	9.03	82	3792	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	5260m	0.28	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	1231	0.36	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	9330	0.36	ng	-0.01
25) Fluoranthene-d10	19.33	212	69096	0.33	ng	0.00
29) Terphenyl-d14	19.92	244	25905	0.46	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.38	88	1280	0.284	ng	93
3) n-Nitrosodimethylamine	3.69	42	1354	0.269	ng	95
6) bis(2-Chloroethyl)ether	7.30	93	2573	0.251	ng	97
9) Naphthalene	10.73	128	32463	0.293	ng	100
10) Hexachlorobutadiene	11.02	225	1619	0.271	ng	100
12) 2-Methylnaphthalene	12.35	142	5697	0.300	ng	98
16) Acenaphthylene	14.27	152	8508	0.288	ng	100
17) Acenaphthene	14.60	154	4772	0.265	ng	97
18) Fluorene	15.59	166	6530	0.263	ng	99
20) 4-Bromophenyl-phenylether	16.48	248	2231	0.260	ng	# 88
21) Hexachlorobenzene	16.59	284	2206	0.262	ng	95
22) Pentachlorophenol	16.95	266	1818	0.783	ng	92
23) Phenanthrene	17.33	178	11343	0.285	ng	100
24) Anthracene	17.42	178	10950	0.291	ng	99
26) Fluoranthene	19.35	202	17424	0.333	ng	98
28) Pyrene	19.72	202	18428	0.261	ng	99
30) Benzo(a)anthracene	21.46	228	21970	0.293	ng	98
31) Chrysene	21.51	228	21098	0.297	ng	98
32) Bis(2-ethylhexyl)phthalate	21.38	149	50144	0.243	ng	100
33) Indeno(1,2,3-cd)pyrene	26.72	276	23319	0.256	ng	99
35) Benzo(b)fluoranthene	23.24	252	20918	0.295	ng	# 93
36) Benzo(k)fluoranthene	23.29	252	21391	0.290	ng	# 93
37) Benzo(a)pyrene	23.91	252	20656	0.299	ng	# 94
38) Dibenzo(a,h)anthracene	26.75	278	19374	0.286	ng	96
39) Benzo(g,h,i)perylene	27.55	276	19693	0.284	ng	96

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

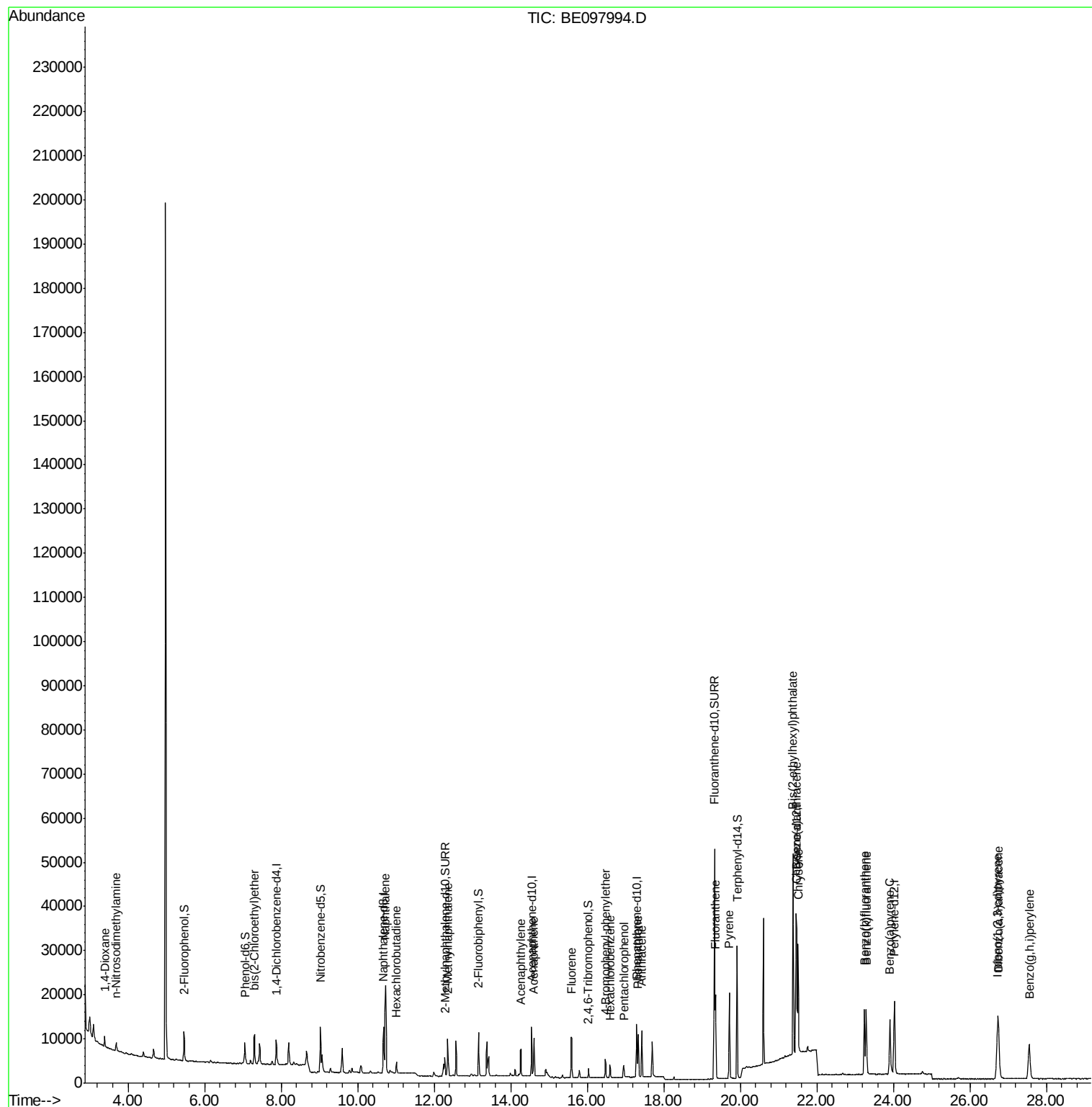
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
Data File : BE097994.D
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Operator : SJ/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

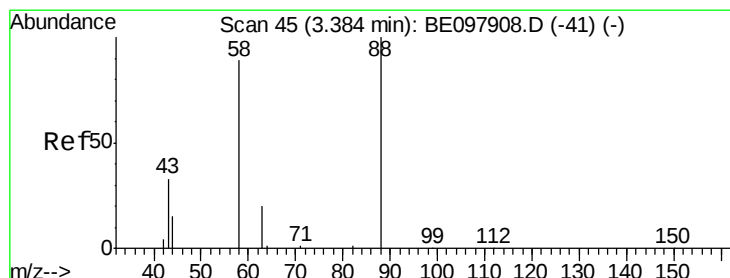
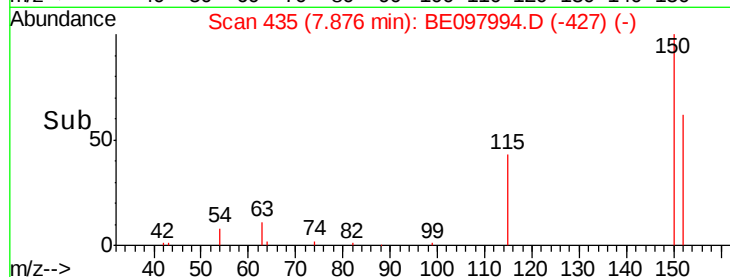
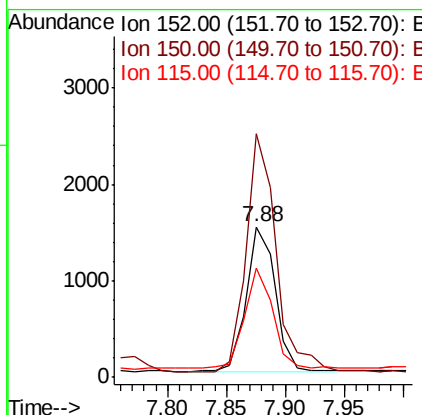
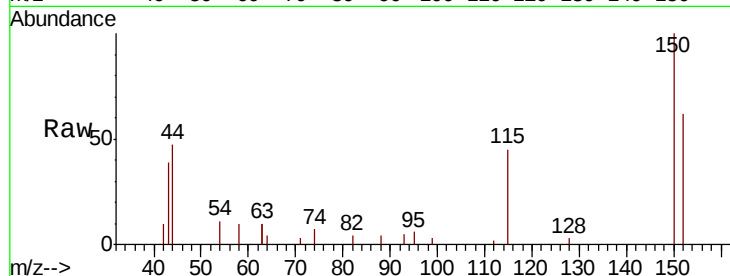
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :
PB113998BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	118.2	177.4
115	72.9	50.9	76.3

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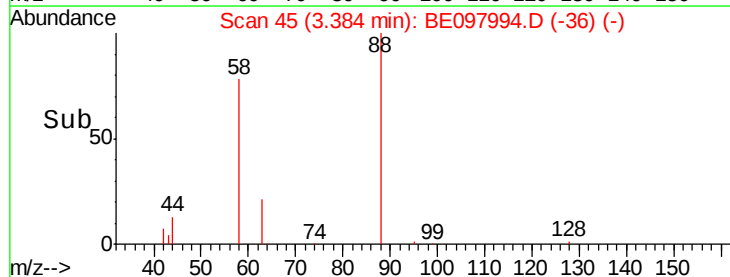
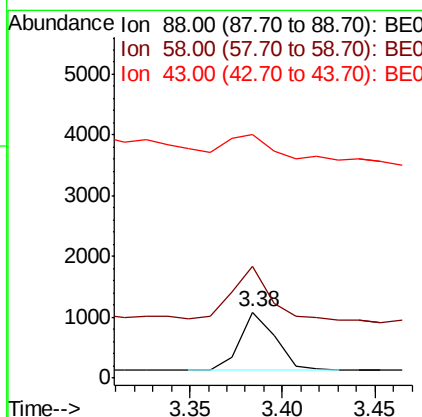
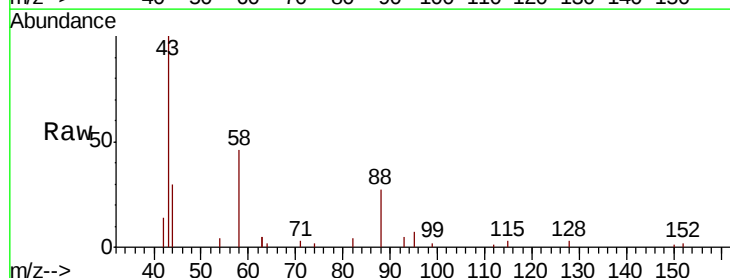
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#2

1,4-Dioxane
Concen: 0.284 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.5	73.2	109.8
43	54.1	36.9	55.3





#3

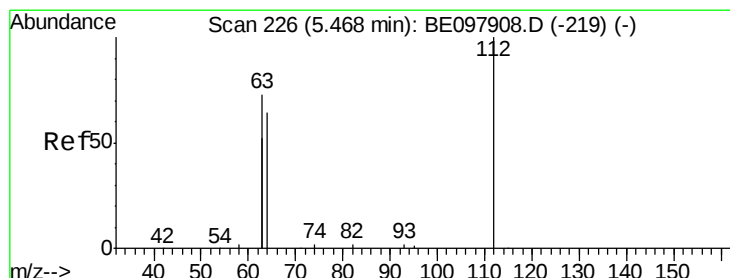
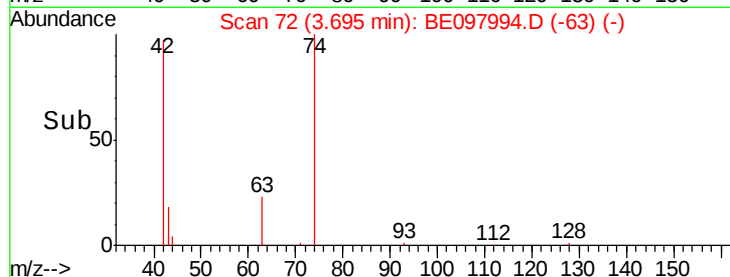
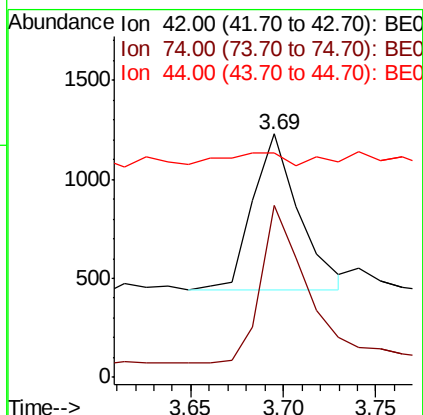
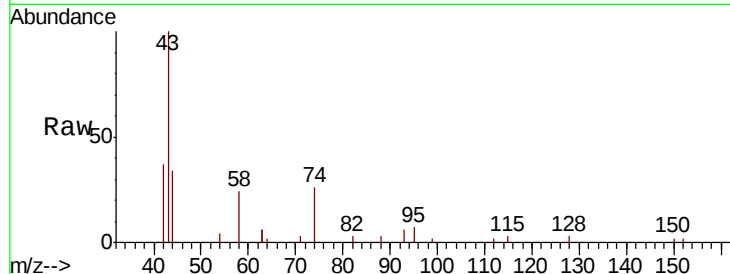
n-Nitrosodimethylamine
 Concen: 0.269 ng
 RT: 3.69 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE097994.D
 Acq: 19 Oct 2018 16:38

Instrument :
 BNA_E
 ClientSampled :
 PB113998BS

Tot Ion:	42	Resp:	1354
Ion	Ratio	Lower	Upper
42	100		
74	102.7	77.6	116.4
44	10.3	7.6	11.4

Manual Integrations
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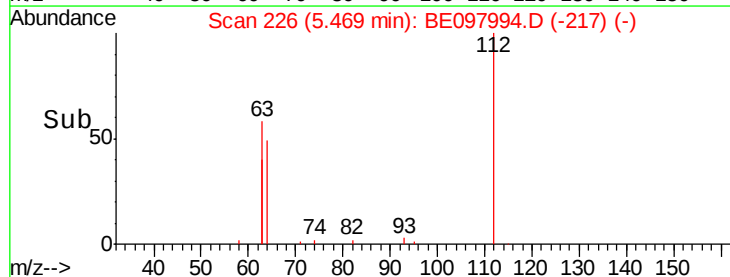
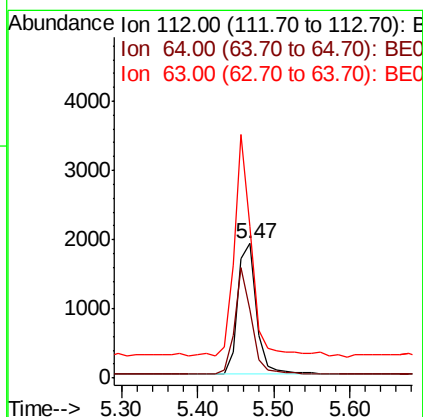
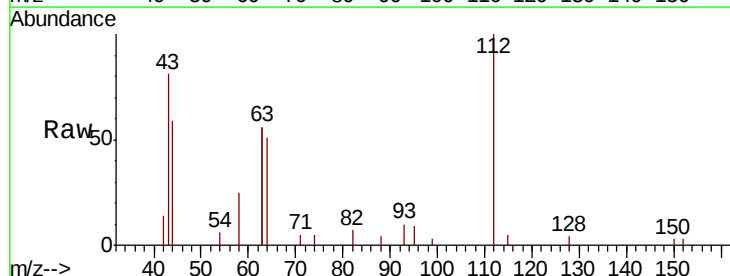
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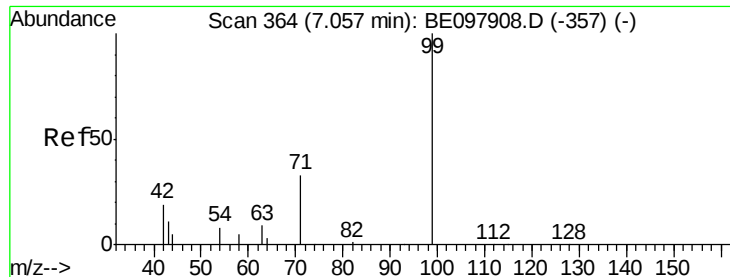


#4

2-Fluorophenol
 Concen: 0.406 ng
 RT: 5.47 min Scan# 226
 Delta R.T. 0.00 min
 Lab File: BE097994.D
 Acq: 19 Oct 2018 16:38

Tgt Ion:	112	Resp:	3313
Ion	Ratio	Lower	Upper
112	100		
64	72.7	58.9	88.3
63	157.1	120.3	180.5





#5

Phenol-d6

Concen: 0.376 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097994.D

Acq: 19 Oct 2018 16:38

Instrument :

BNA_E

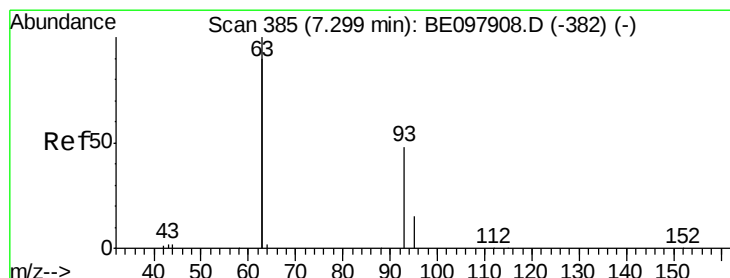
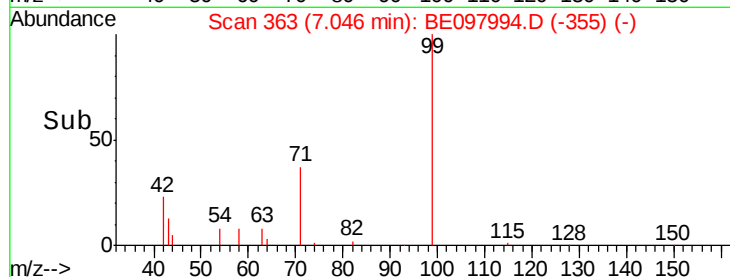
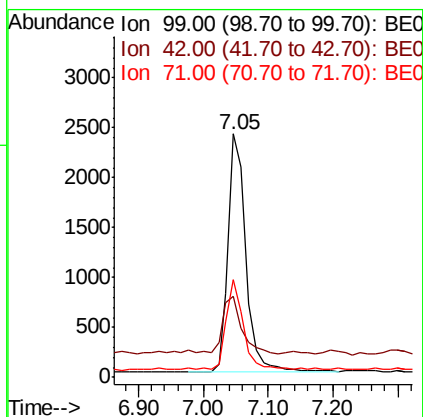
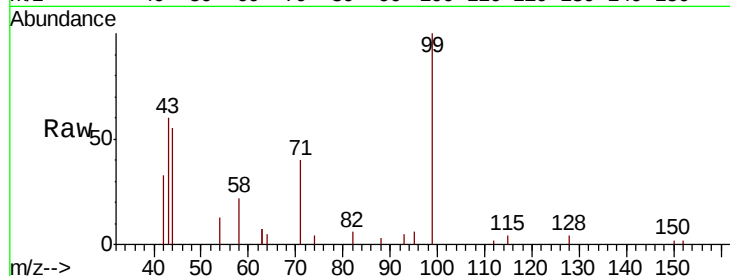
ClientSampleId :

PB113998BS

Tot Ion:	99	Resp:	4537
Ion	Ratio	Lower	Upper
99	100		
42	25.7	19.9	29.9
71	35.3	27.8	41.8

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#6

bis(2-Chloroethyl)ether

Concen: 0.251 ng

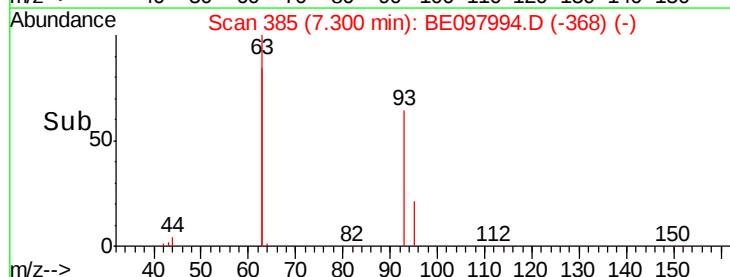
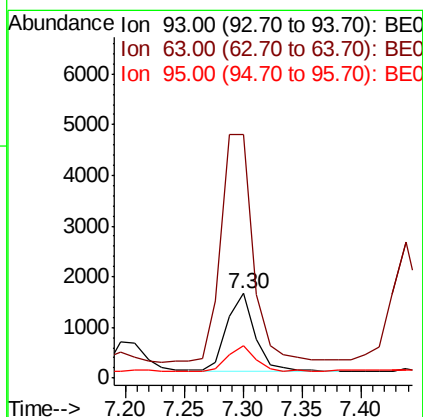
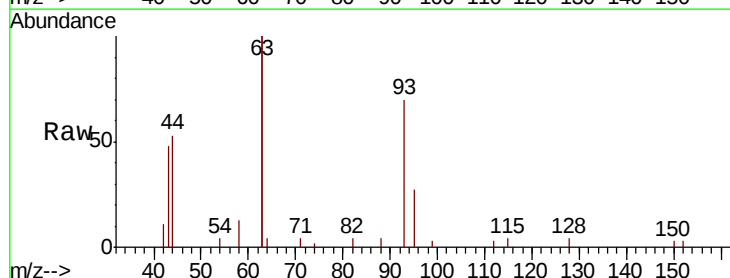
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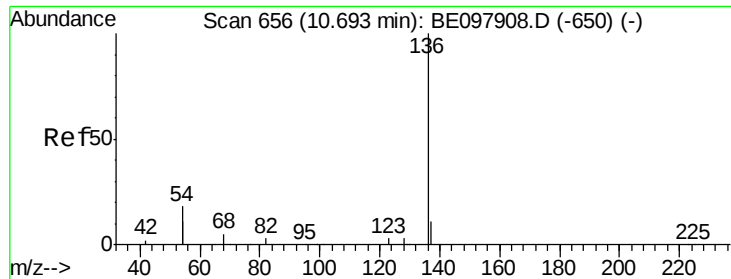
Delta R.T. 0.00 min

Lab File: BE097994.D

Acq: 19 Oct 2018 16:38

Tgt Ion:	93	Resp:	2573
Ion	Ratio	Lower	Upper
93	100		
63	329.3	259.0	388.4
95	32.3	27.8	41.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097994.D

Acq: 19 Oct 2018 16:38

Instrument :

BNA_E

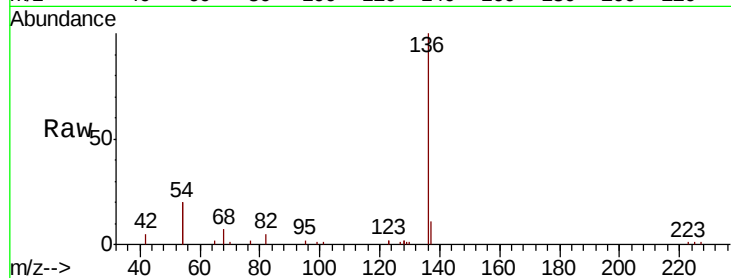
ClientSampleId :

PB113998BS

Tot Ion:	136	Resp:	11136
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.6	14.4
54	39.6	27.7	41.5
68	7.0	5.3	7.9

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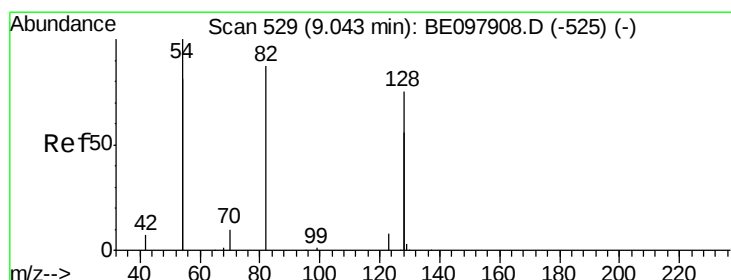
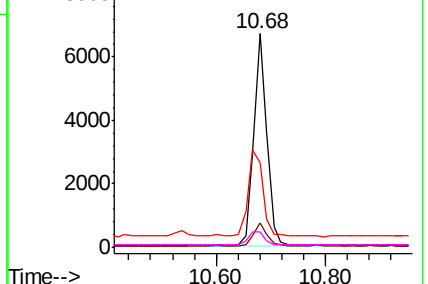
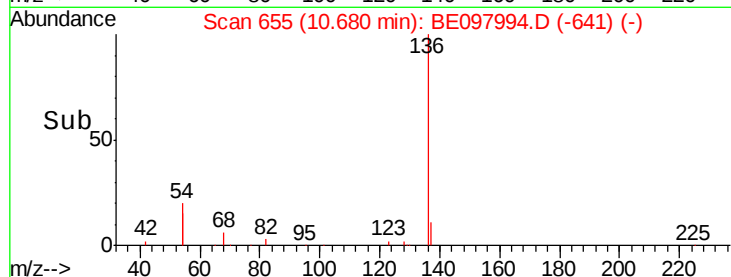
Abundance

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: 0.360 ng

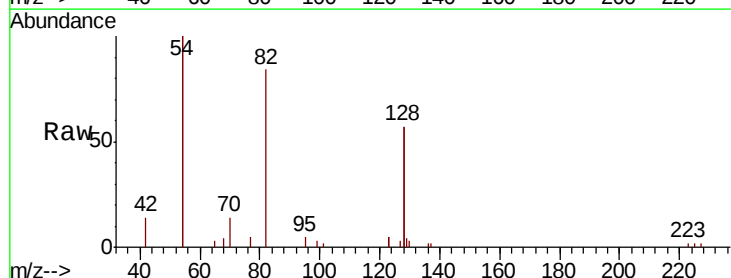
RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097994.D

Acq: 19 Oct 2018 16:38

Tgt Ion:	82	Resp:	3792
Ion Ratio	Lower	Upper	
82	100		
128	135.8	129.9	194.9
54	238.1	174.0	261.0

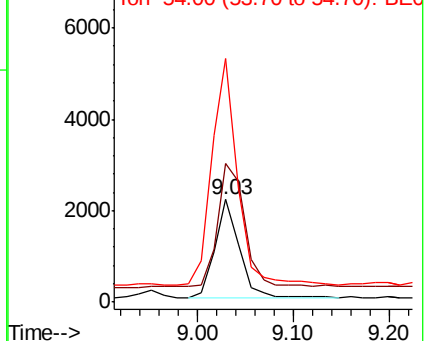
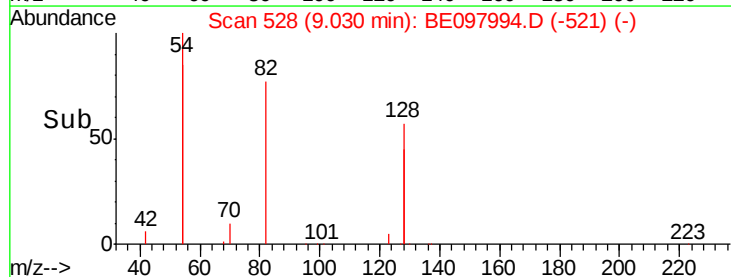


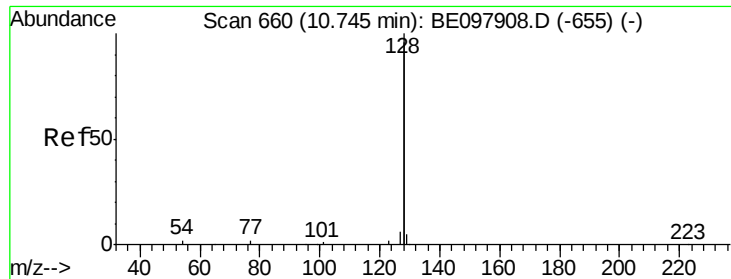
Abundance

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: 0.293 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097994.D

Acq: 19 Oct 2018 16:38

Instrument :

BNA_E

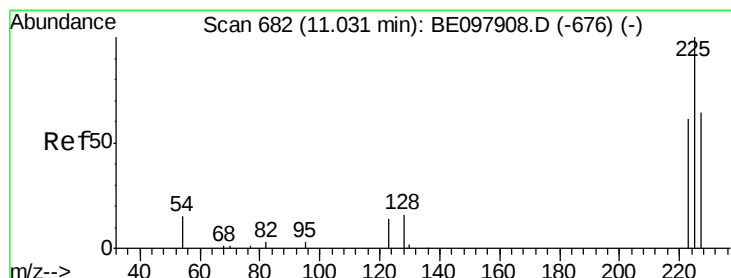
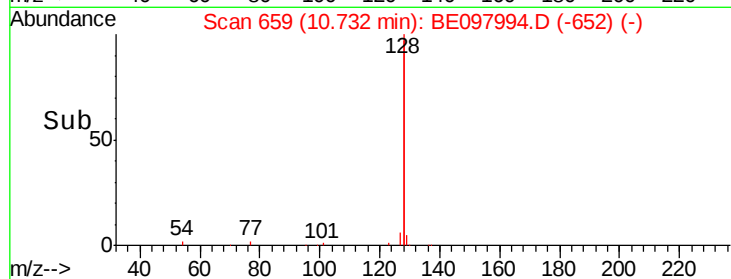
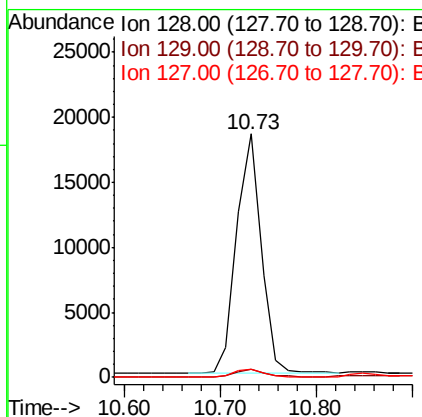
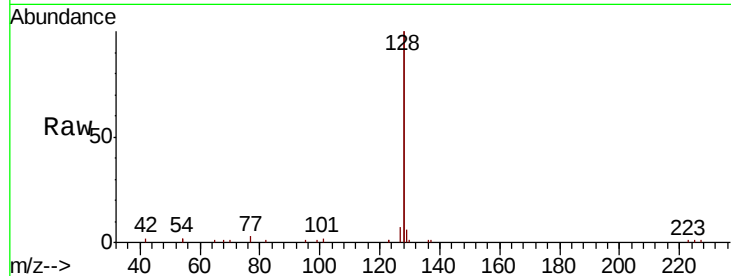
ClientSampleId :

PB113998BS

Tot Ion:128	Resp:	32463
Ion Ratio	Lower	Upper
128 100		
129 3.1	2.5	3.7
127 3.5	2.8	4.2

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#10

Hexachlorobutadiene

Concen: 0.271 ng

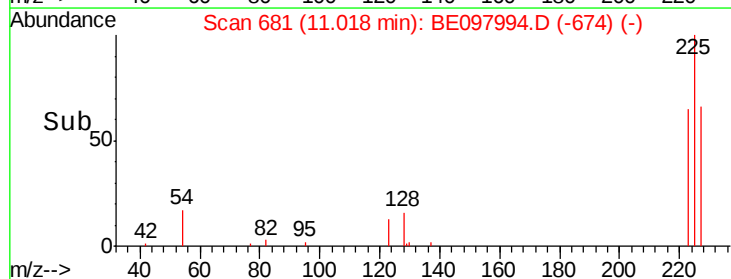
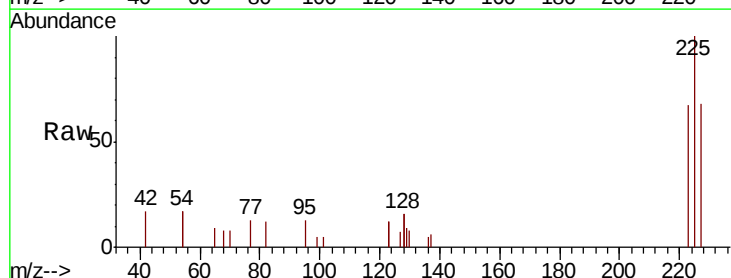
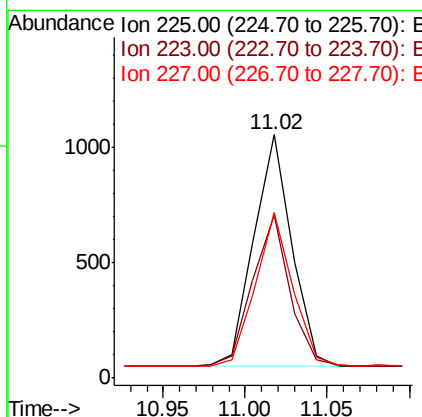
RT: 11.02 min Scan# 681

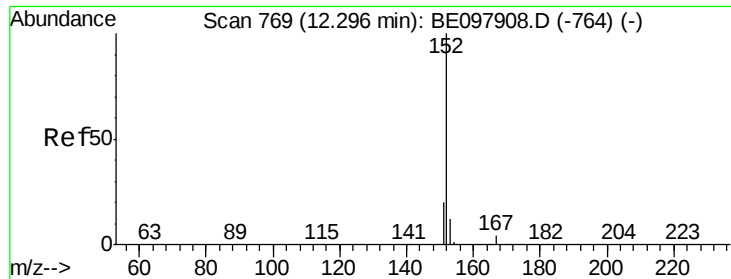
Delta R.T. -0.01 min

Lab File: BE097994.D

Acq: 19 Oct 2018 16:38

Tgt Ion:225	Resp:	1619
Ion Ratio	Lower	Upper
225 100		
223 64.9	51.8	77.8
227 66.3	53.0	79.6





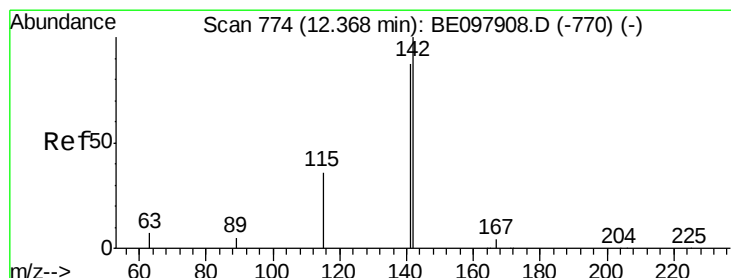
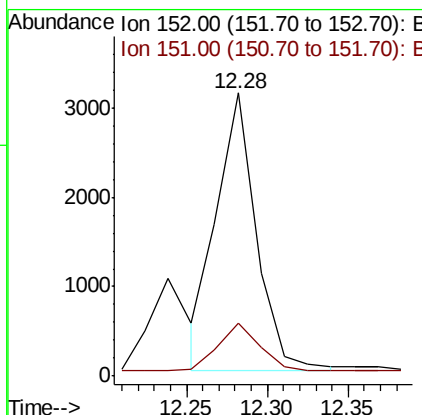
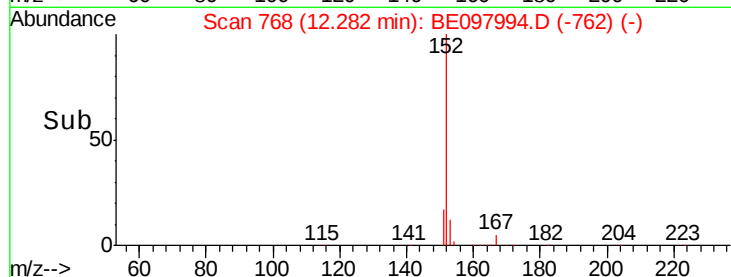
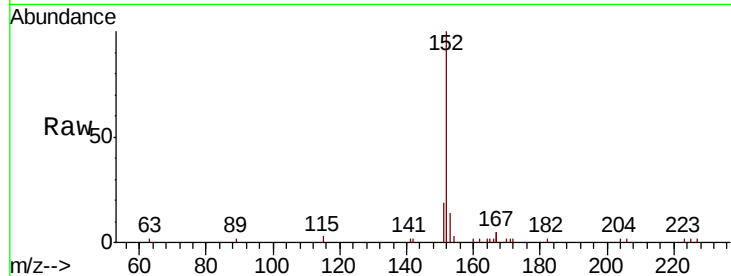
#11
 2-Methylnaphthalene-d10
 Concen: 0.284 ng m
 RT: 12.28 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BE097994.D
 Acq: 19 Oct 2018 16:38

Instrument :
 BNA_E
 ClientSampleId :
 PB113998BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.2	24.4

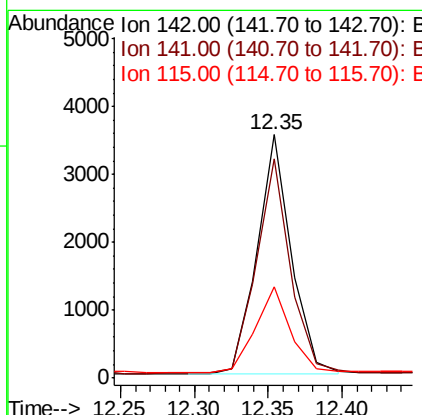
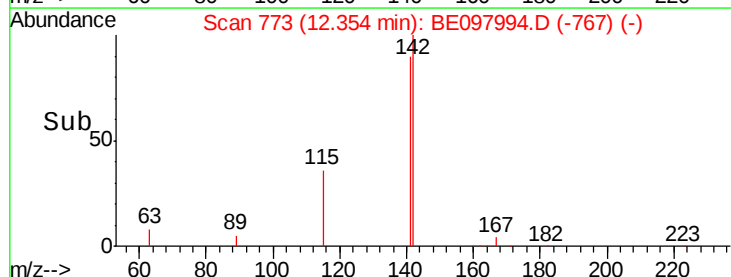
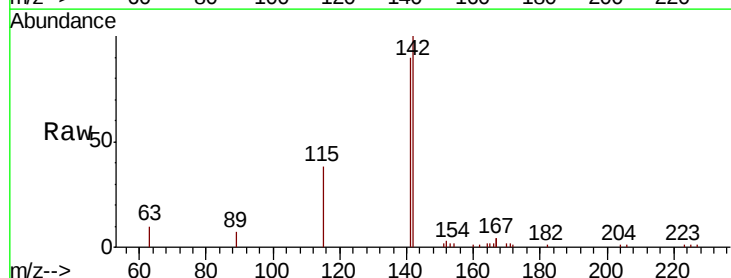
Manual Integrations
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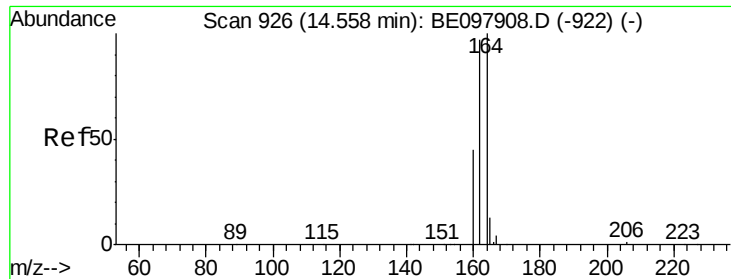
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#12
 2-Methylnaphthalene
 Concen: 0.300 ng
 RT: 12.35 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BE097994.D
 Acq: 19 Oct 2018 16:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	69.8	104.6
115	37.5	30.5	45.7





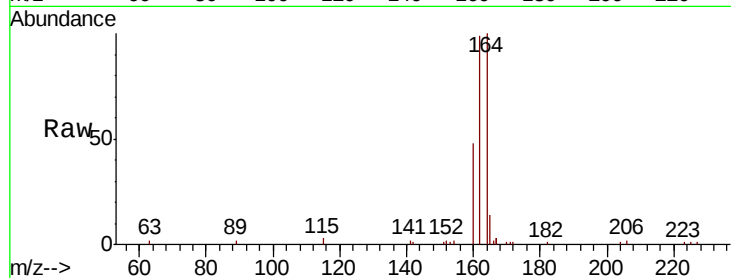
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :
PB113998BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.9	77.4	116.2
160	47.9	36.5	54.7

Manual Integrations
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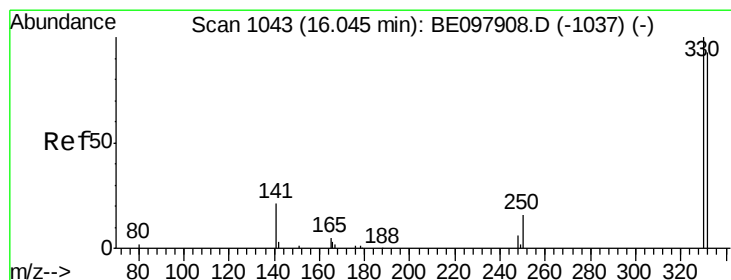
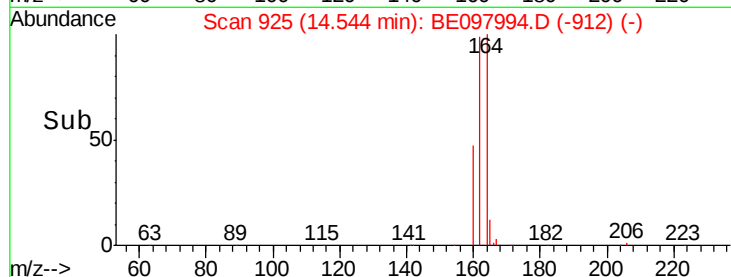
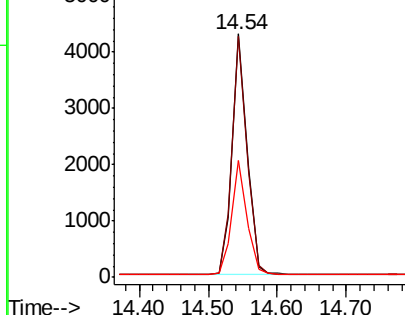


Abundance

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: 0.358 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

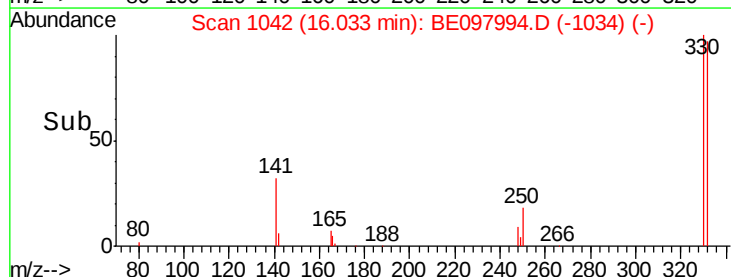
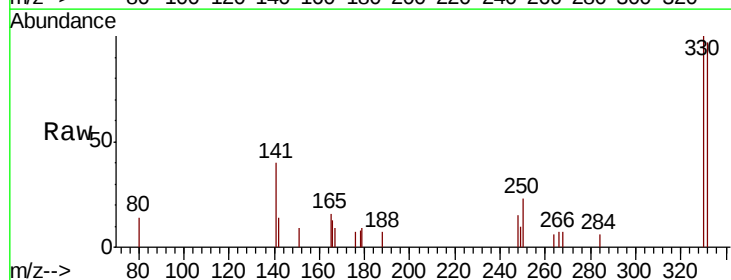
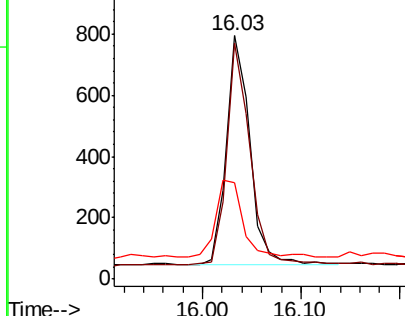
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.5	114.7
141	39.6	31.8	47.6

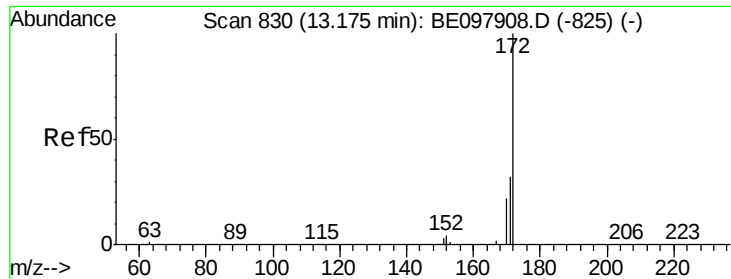
Abundance

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





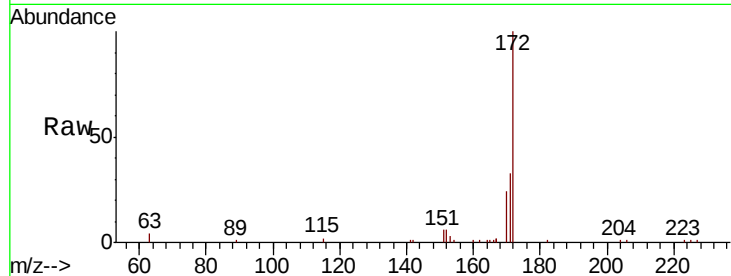
#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :
PB113998BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.2	26.0	39.0
170	24.1	18.0	27.0

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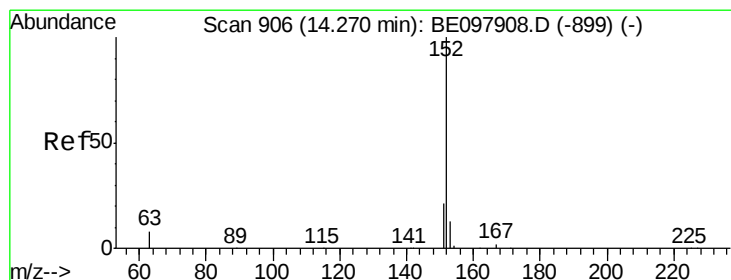
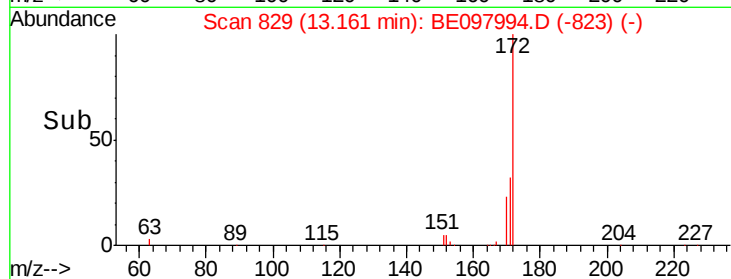
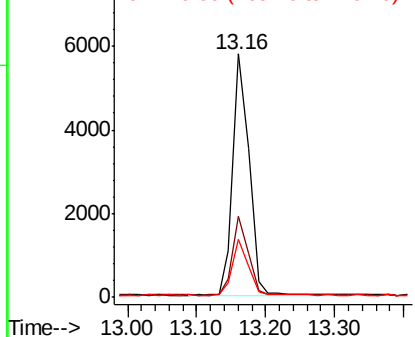


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.288 ng
RT: 14.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

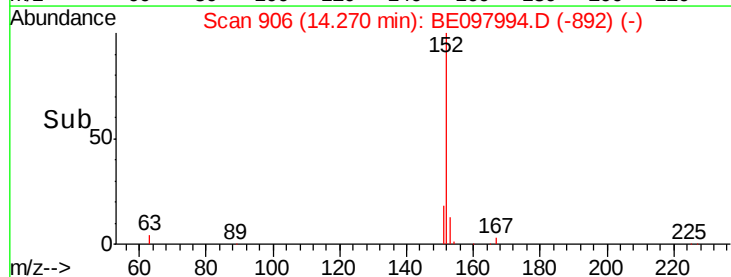
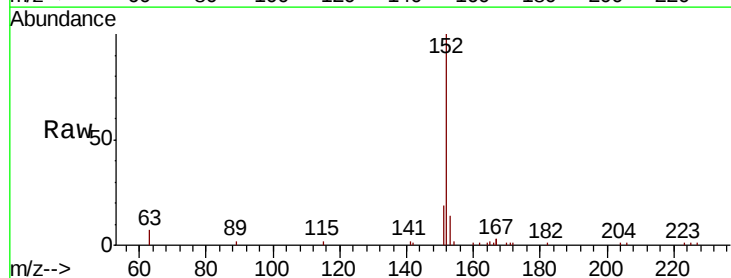
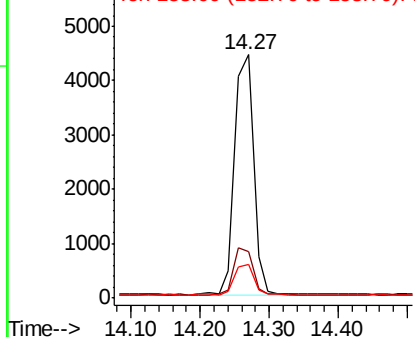
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.2	10.9	16.3

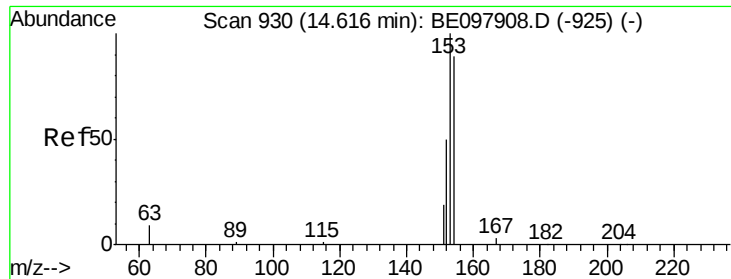
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.265 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.01 min

Lab File: BE097994.D

Acq: 19 Oct 2018 16:38

Instrument :

BNA_E

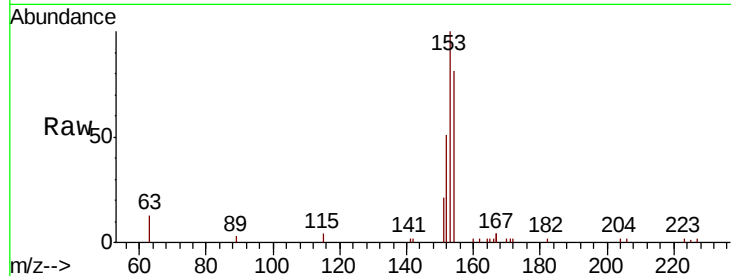
ClientSampleId :

PB113998BS

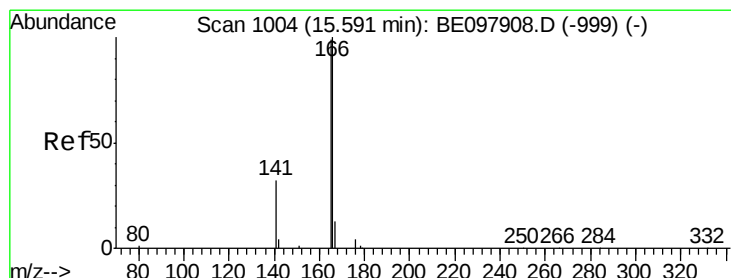
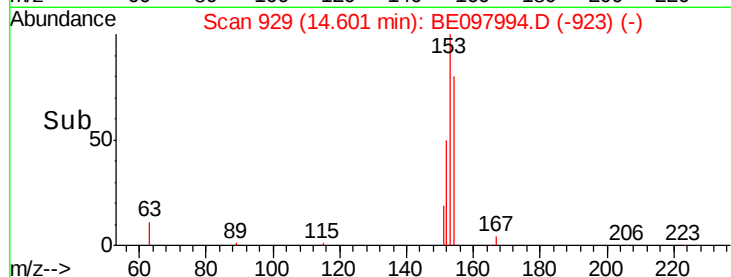
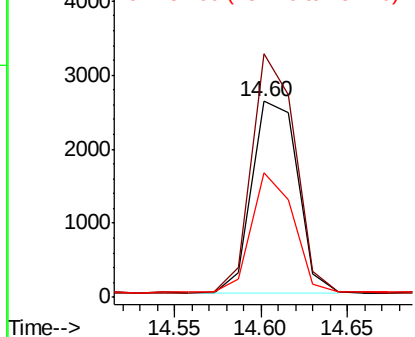
Tot Ion:	154	Resp:	4772
Ion Ratio	Lower	Upper	
154	100		
153	119.3	92.6	139.0
152	58.3	45.5	68.3

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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: 0.263 ng

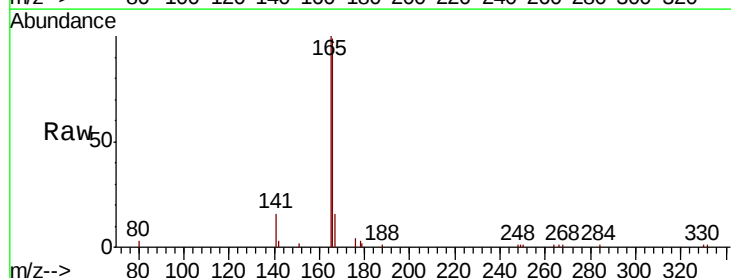
RT: 15.59 min Scan# 1004

Delta R.T. -0.00 min

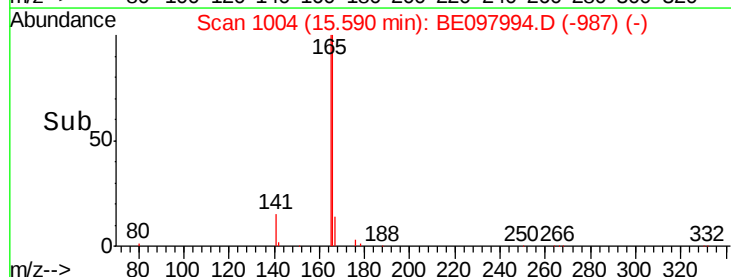
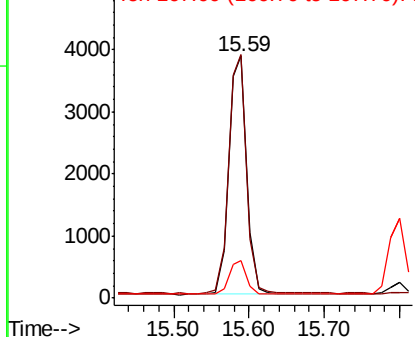
Lab File: BE097994.D

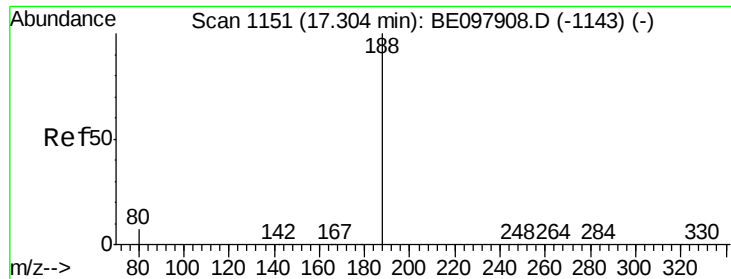
Acq: 19 Oct 2018 16:38

Tgt Ion:	166	Resp:	6530
Ion Ratio	Lower	Upper	
166	100		
165	98.7	78.2	117.4
167	14.1	11.0	16.6



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: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097994.D

Acq: 19 Oct 2018 16:38

Instrument :

BNA_E

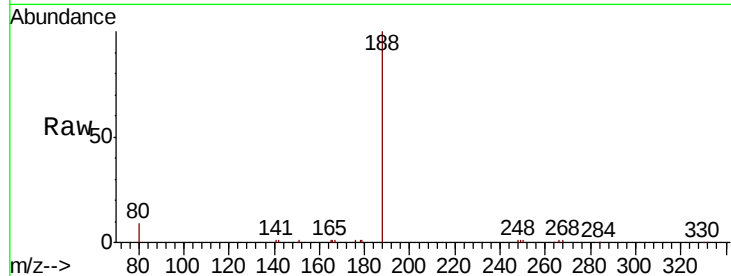
ClientSampleId :

PB113998BS

Tot Ion:	188	Resp:	15685
Ion Ratio		Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	6.3	9.5

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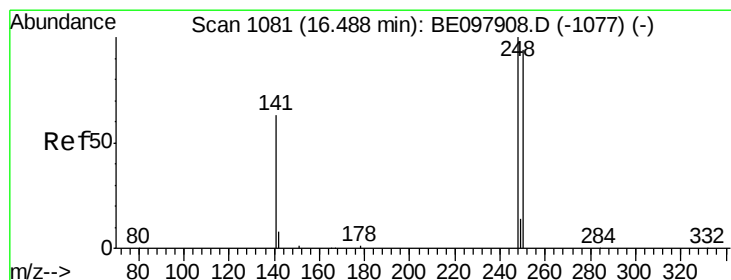
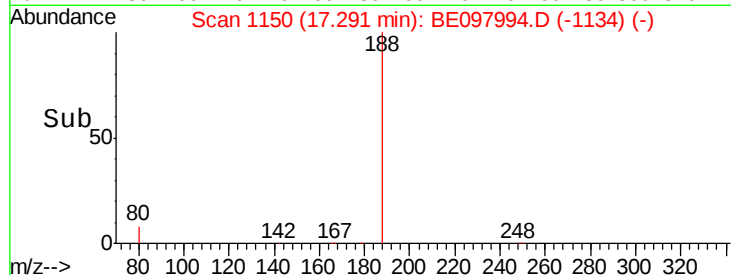
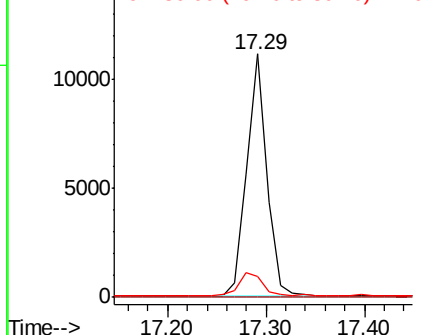
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.260 ng

RT: 16.48 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BE097994.D

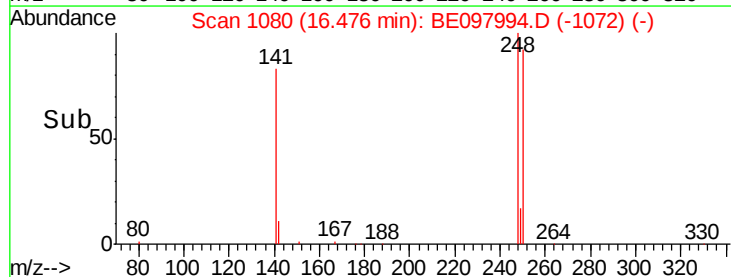
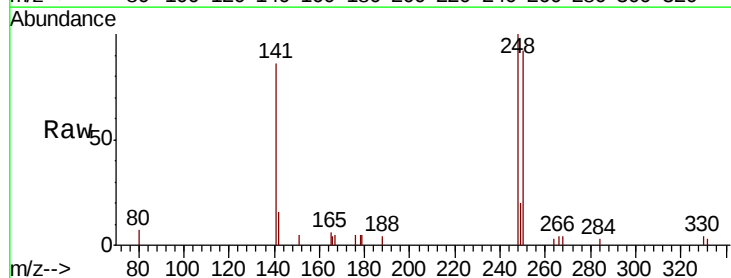
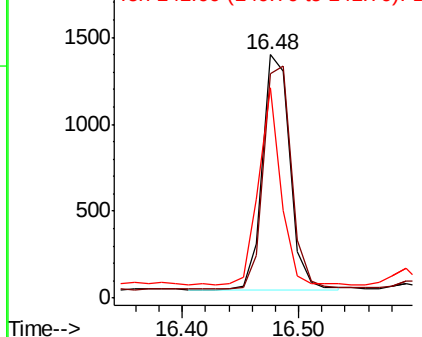
Acq: 19 Oct 2018 16:38

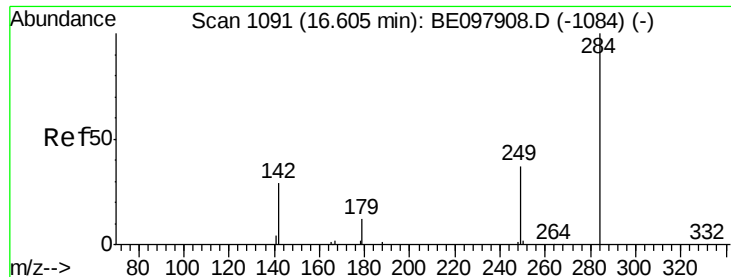
Tgt Ion:	248	Resp:	2231
Ion Ratio		Lower	Upper
248	100		
250	92.0	75.1	112.7
141	86.2	51.8	77.8#

Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





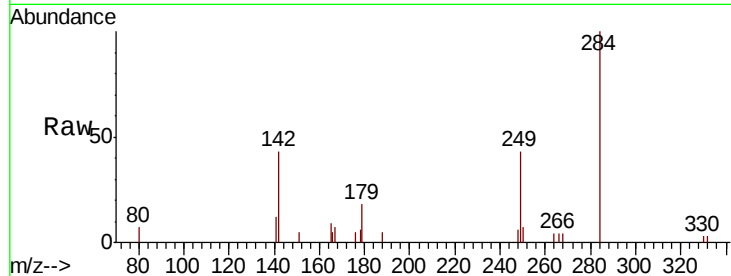
#21
Hexachlorobenzene
Concen: 0.262 ng
RT: 16.59 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :
PB113998BS

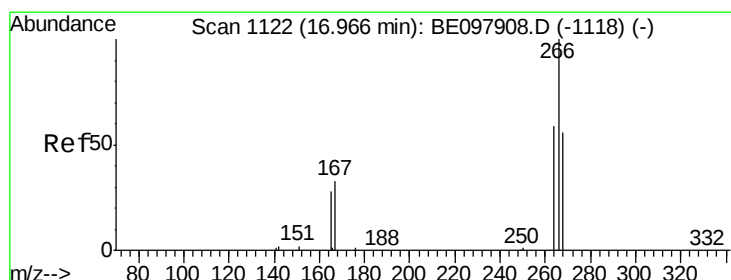
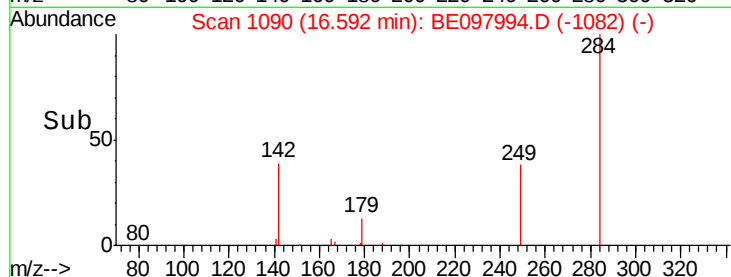
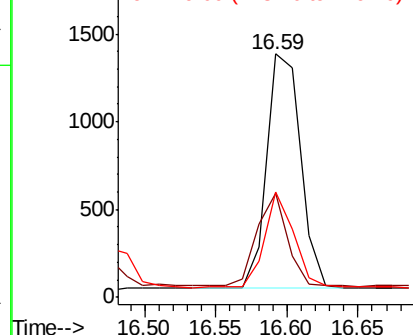
Tot Ion:	284	Resp:	2206
Ion Ratio	Lower	Upper	
284	100		
142	35.3	25.9	38.9
249	36.4	26.6	40.0

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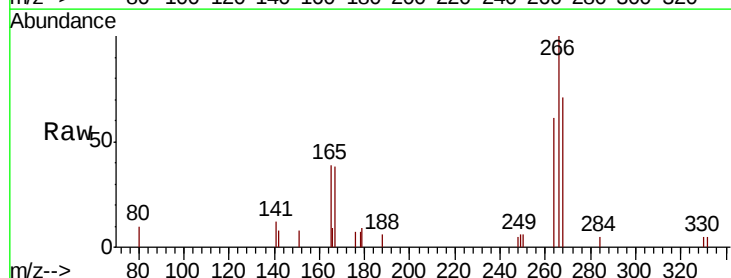


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

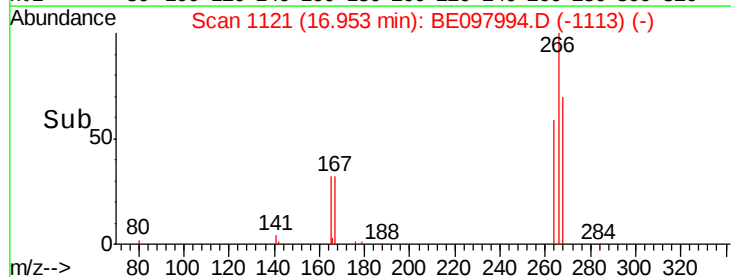
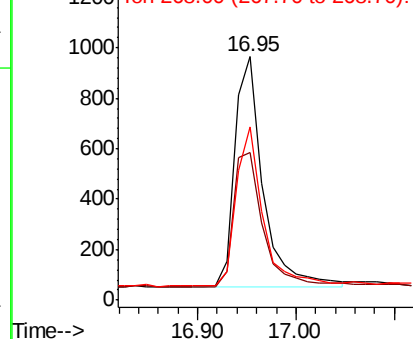


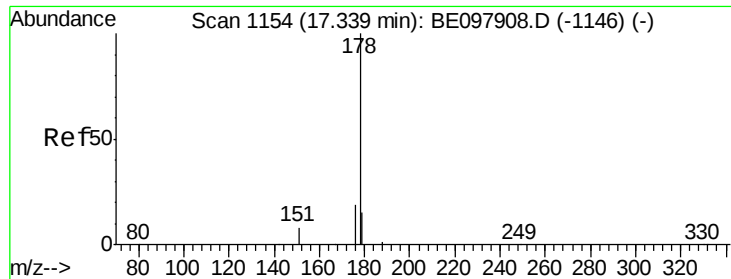
#22
Pentachlorophenol
Concen: 0.783 ng
RT: 16.95 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion:	266	Resp:	1818
Ion Ratio	Lower	Upper	
266	100		
264	60.7	51.3	76.9
268	71.2	50.1	75.1



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: 0.285 ng

RT: 17.33 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE097994.D

Acq: 19 Oct 2018 16:38

Instrument :

BNA_E

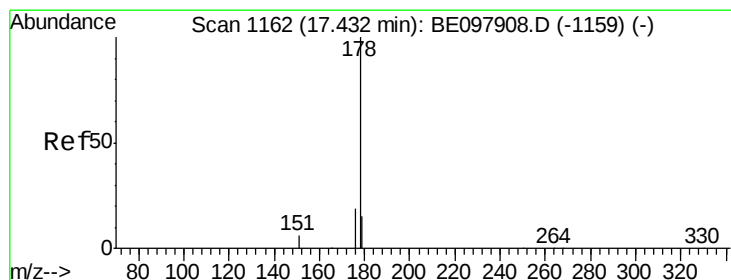
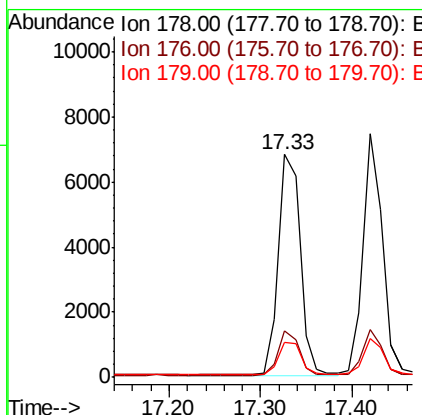
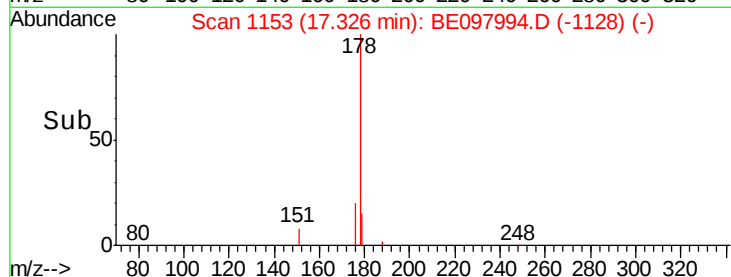
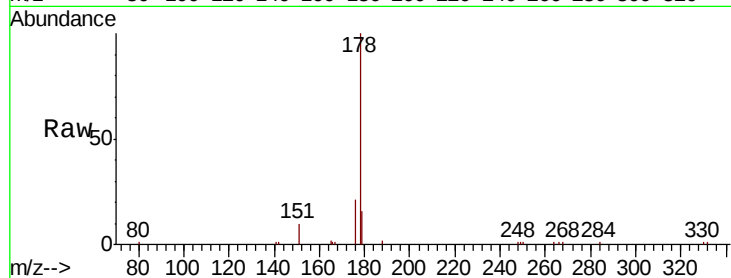
ClientSampleId :

PB113998BS

Tot Ion:	178	Resp:	11343
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.5	23.3
179	15.7	12.2	18.4

Manual Integrations
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#24

Anthracene

Concen: 0.291 ng

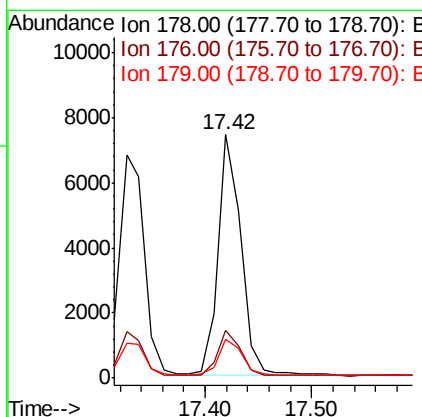
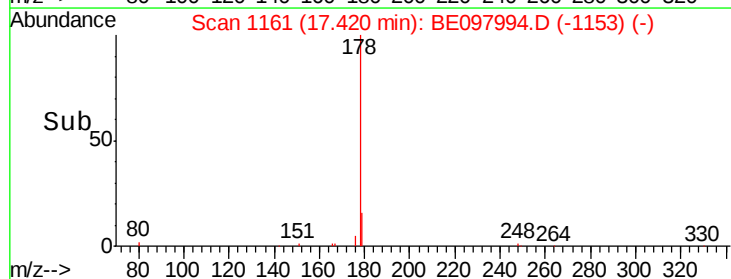
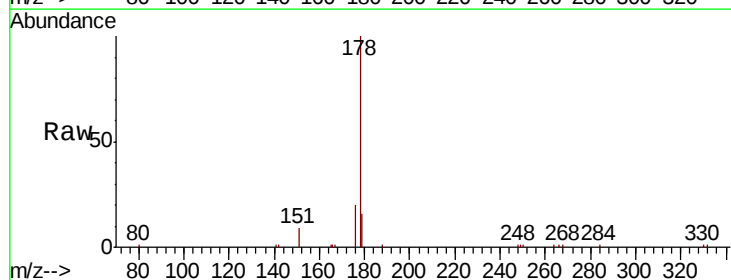
RT: 17.42 min Scan# 1161

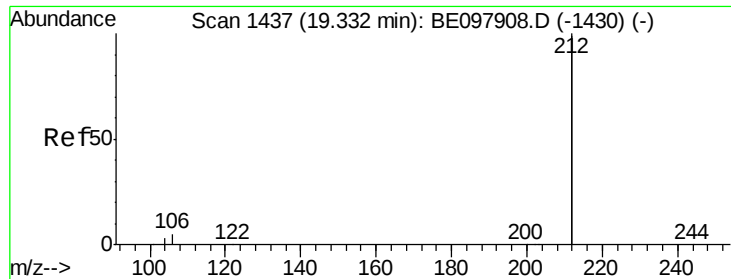
Delta R.T. -0.01 min

Lab File: BE097994.D

Acq: 19 Oct 2018 16:38

Tgt Ion:	178	Resp:	10950
Ion Ratio	Lower	Upper	
178	100		
176	18.7	14.9	22.3
179	15.3	11.9	17.9





#25

Fluoranthene-d10

Concen: 0.325 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097994.D

Acq: 19 Oct 2018 16:38

Instrument :

BNA_E

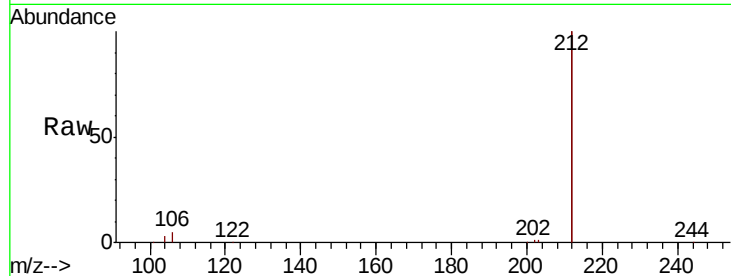
ClientSampleId :

PB113998BS

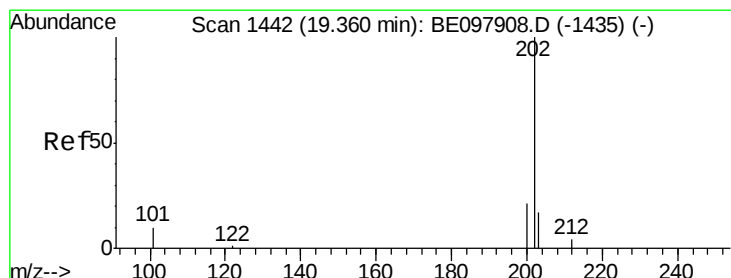
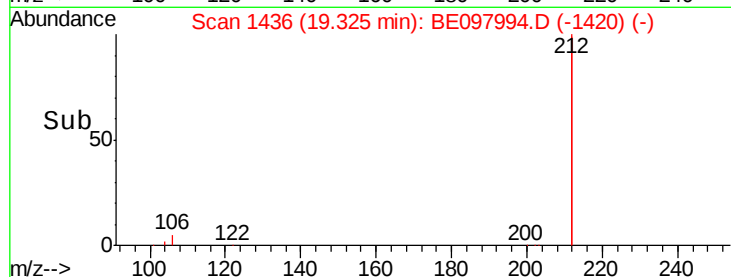
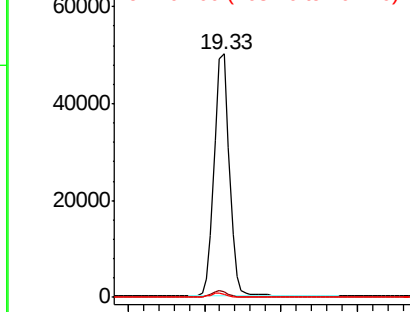
Tot Ion:	212	Resp:	69096
Ion Ratio	Lower	Upper	
212	100		
106	2.7	2.3	3.5
104	1.6	1.3	1.9

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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: 0.333 ng

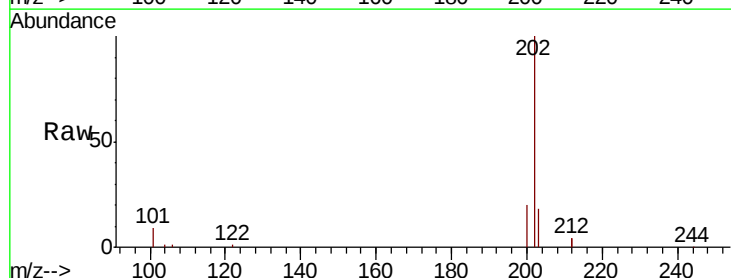
RT: 19.35 min Scan# 1441

Delta R.T. -0.01 min

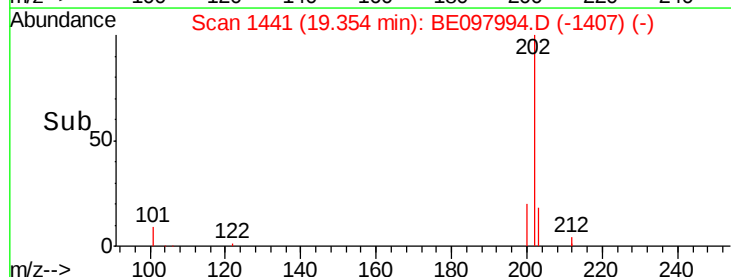
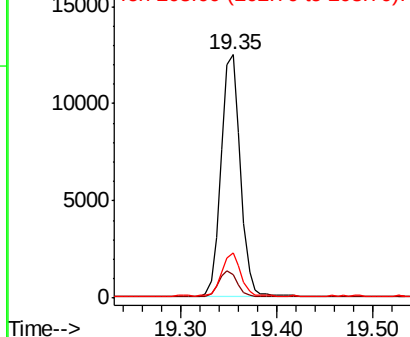
Lab File: BE097994.D

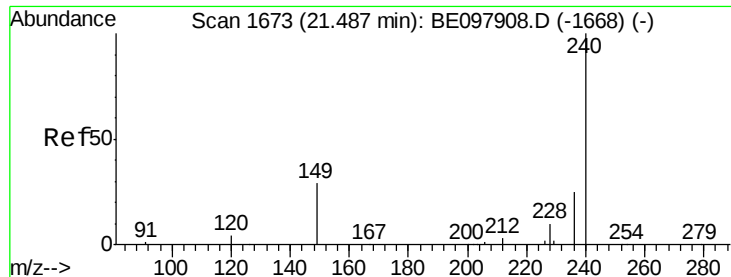
Acq: 19 Oct 2018 16:38

Tgt Ion:	202	Resp:	17424
Ion Ratio	Lower	Upper	
202	100		
101	10.6	8.2	12.2
203	17.5	15.0	22.4



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





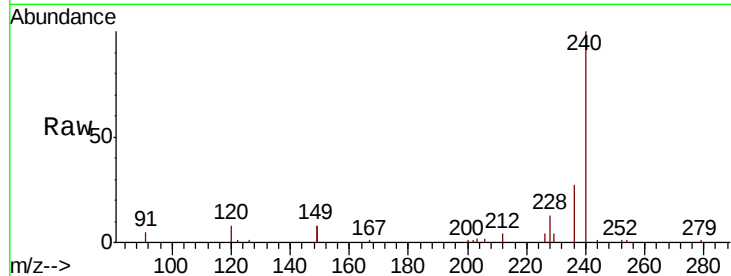
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.48 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :
PB113998BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.5	7.1	10.7
236	27.4	21.3	31.9

Manual Integrations
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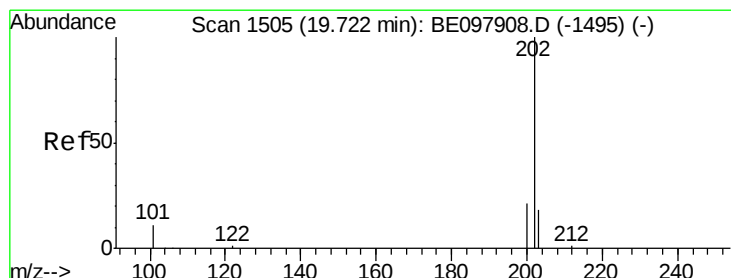
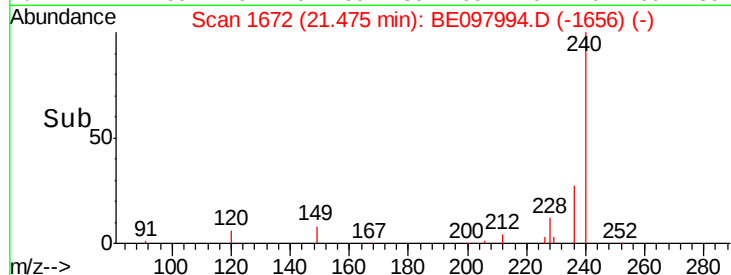
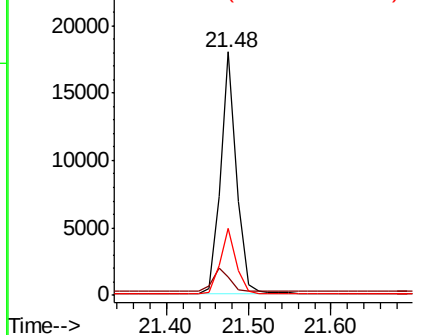


Abundance

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: 0.261 ng
RT: 19.72 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

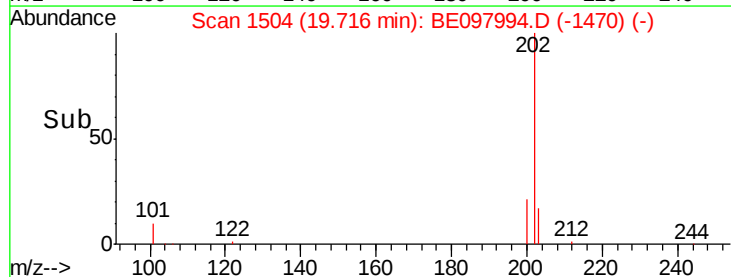
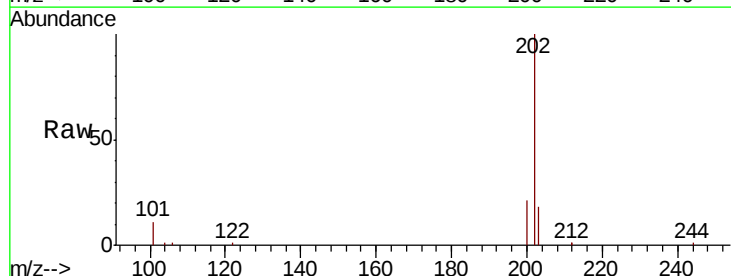
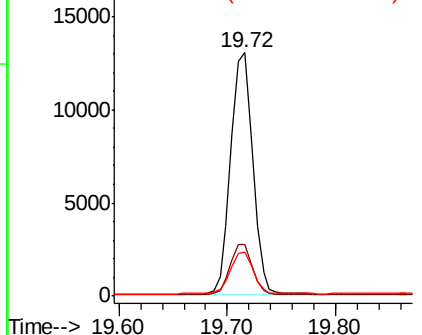
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	18.4	14.2	21.4

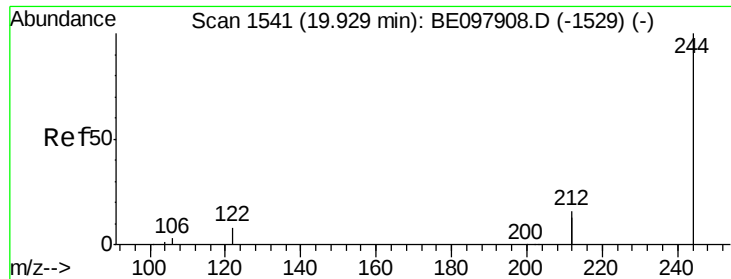
Abundance

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: 0.462 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE097994.D

Acq: 19 Oct 2018 16:38

Instrument :

BNA_E

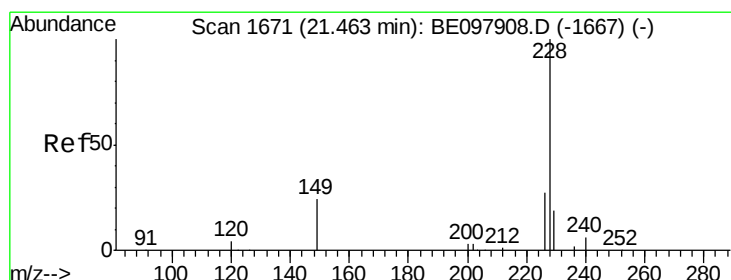
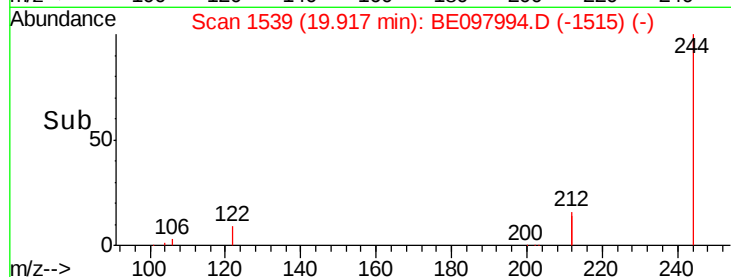
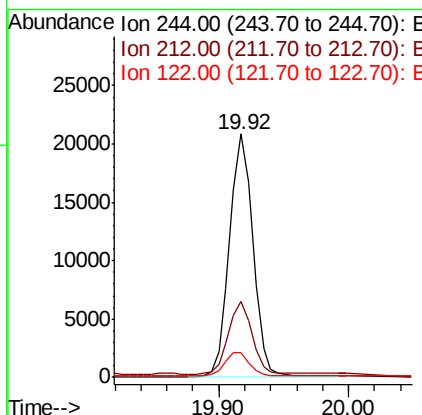
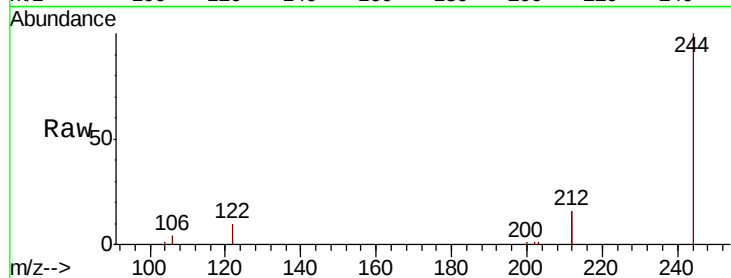
ClientSampleId :

PB113998BS

Tot Ion:	244	Resp:	25905
Ion Ratio	Lower	Upper	
244	100		
212	31.0	26.2	39.2
122	9.9	7.7	11.5

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#30

Benzo(a)anthracene

Concen: 0.293 ng

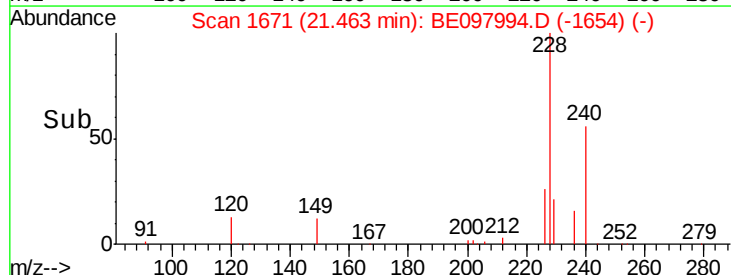
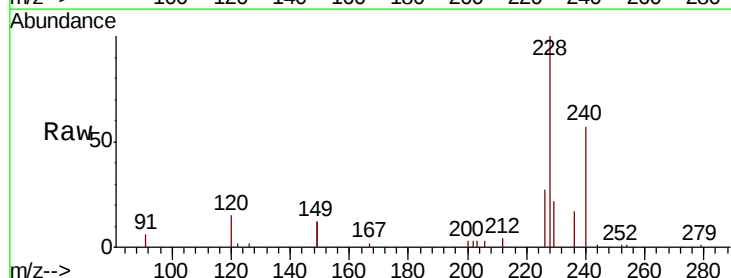
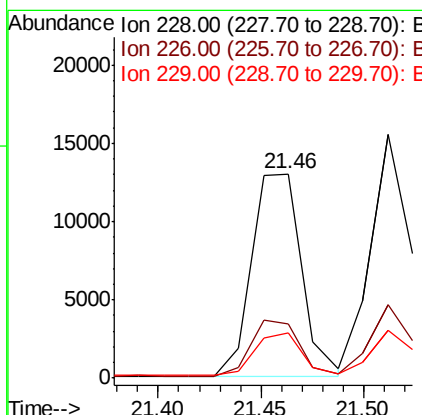
RT: 21.46 min Scan# 1671

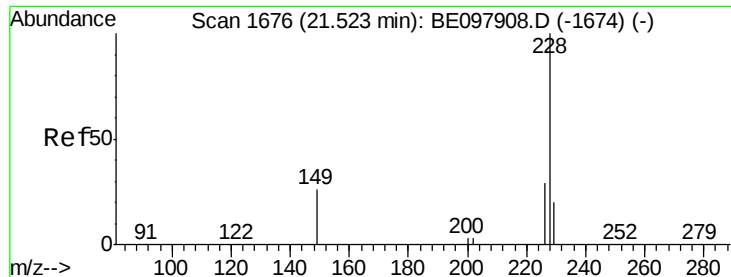
Delta R.T. 0.00 min

Lab File: BE097994.D

Acq: 19 Oct 2018 16:38

Tgt Ion:	228	Resp:	21970
Ion Ratio	Lower	Upper	
228	100		
226	26.7	22.6	33.8
229	21.9	16.9	25.3





#31

Chrysene

Concen: 0.297 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097994.D

Acq: 19 Oct 2018 16:38

Instrument :

BNA_E

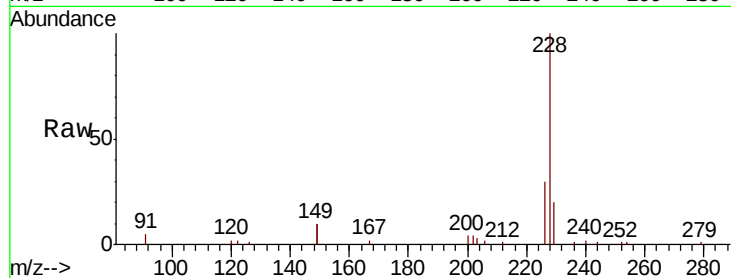
ClientSampleId :

PB113998BS

Tot Ion:	228	Resp:	21098
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.3	36.5
229	19.6	17.3	25.9

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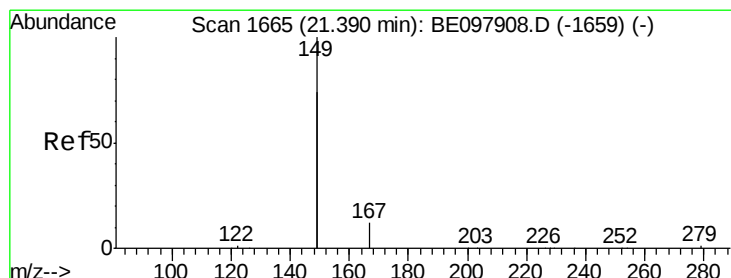
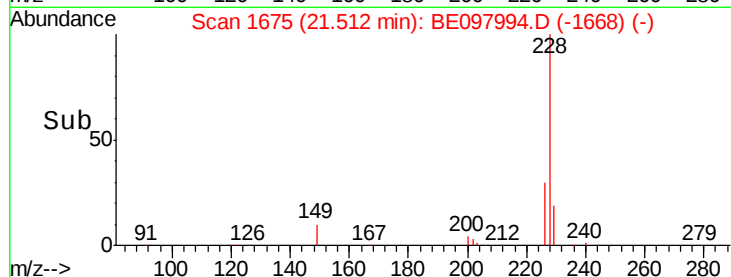
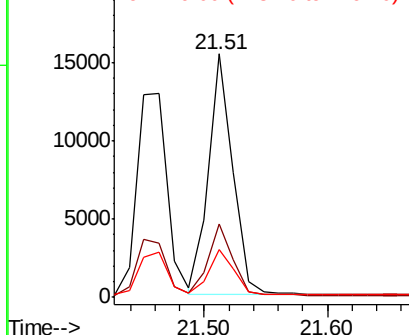


Abundance

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: 0.243 ng

RT: 21.38 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BE097994.D

Acq: 19 Oct 2018 16:38

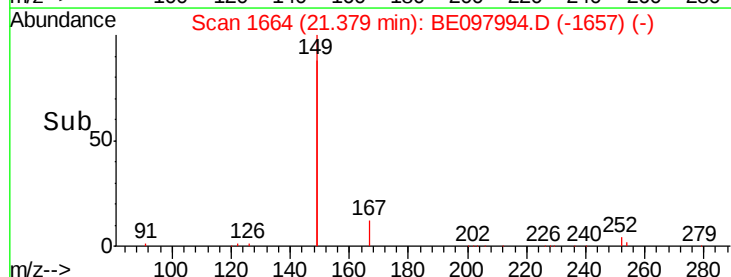
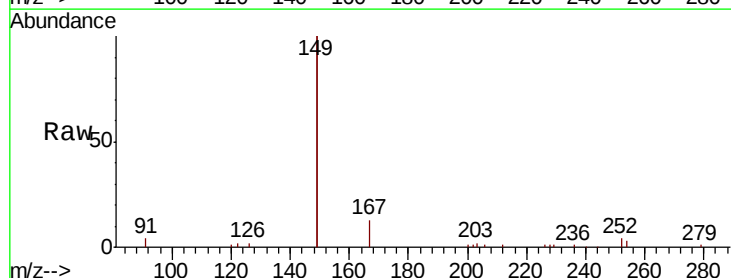
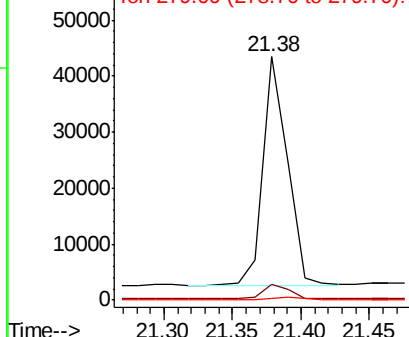
Tgt Ion:	149	Resp:	50144
Ion Ratio	Lower	Upper	
149	100		
167	6.9	5.6	8.4
279	1.2	0.9	1.3

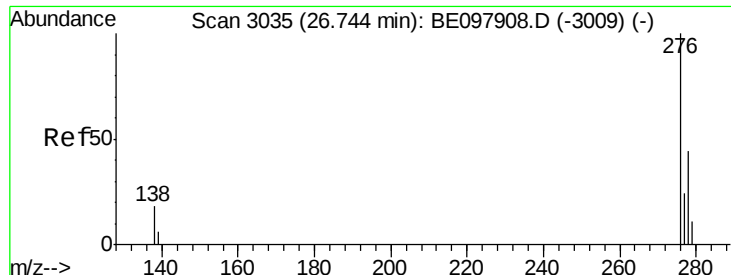
Abundance

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





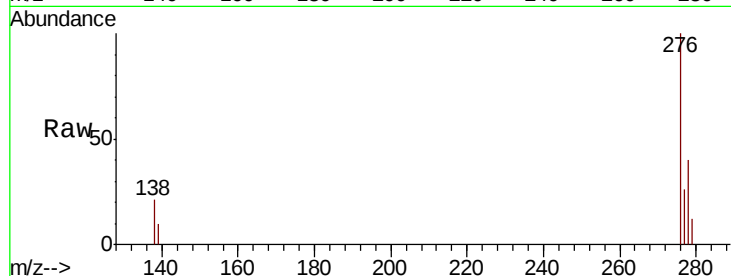
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.256 ng
 RT: 26.72 min Scan# 3028
 Delta R.T. -0.03 min
 Lab File: BE097994.D
 Acq: 19 Oct 2018 16:38

Instrument :
 BNA_E
 ClientSampleId :
 PB113998BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	17.0	25.6
277	25.3	20.5	30.7

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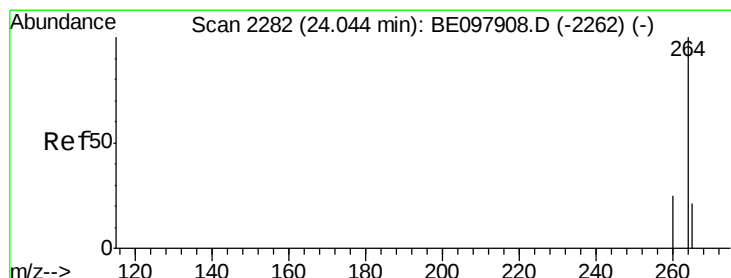
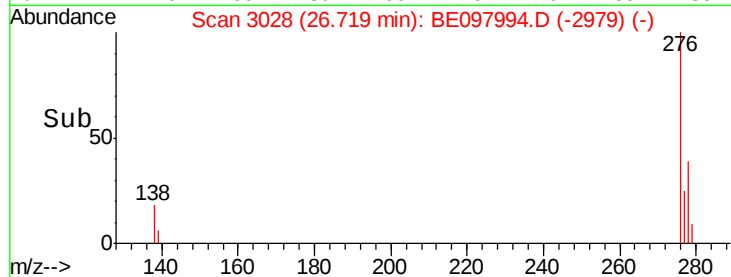
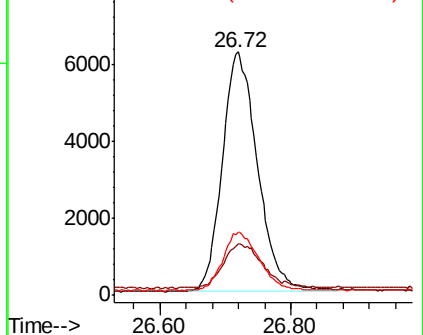


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BE097994.D
 Acq: 19 Oct 2018 16:38

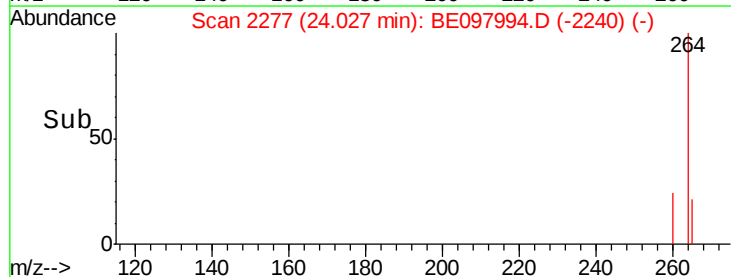
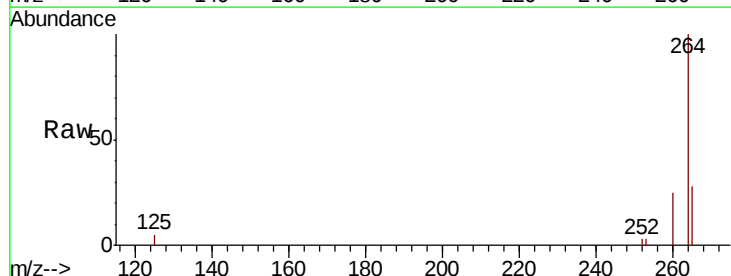
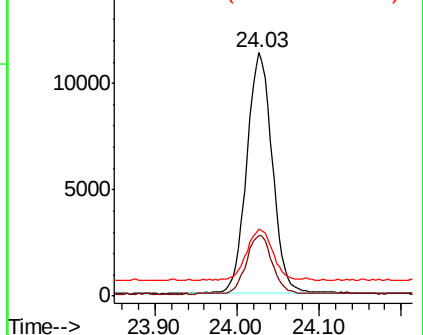
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.1	31.7
265	27.7	29.2	43.8

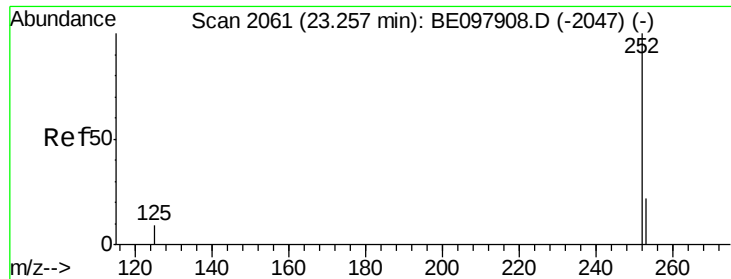
Abundance

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





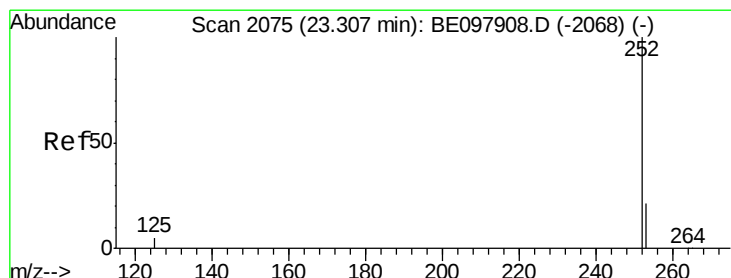
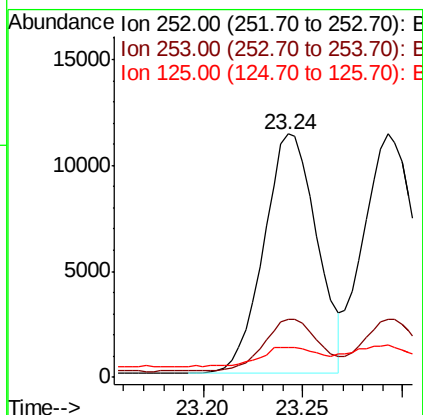
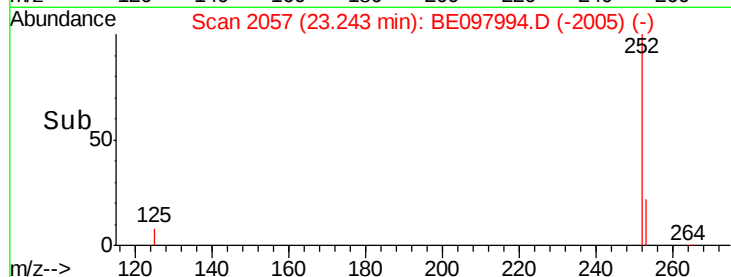
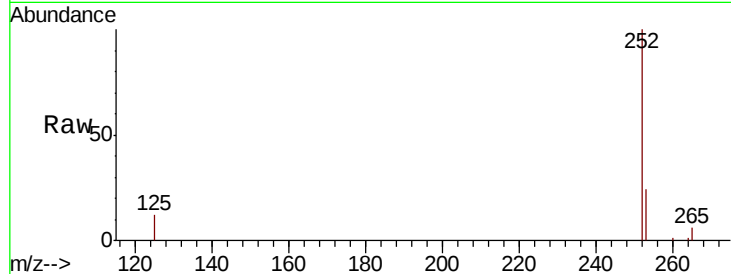
#35
Benzo(b)fluoranthene
Concen: 0.295 ng
RT: 23.24 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :
PB113998BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.6	31.0
125	12.4	14.3	21.5#

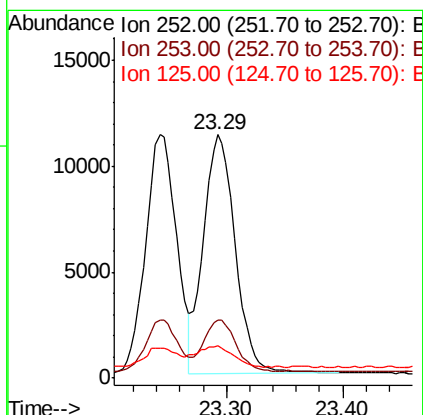
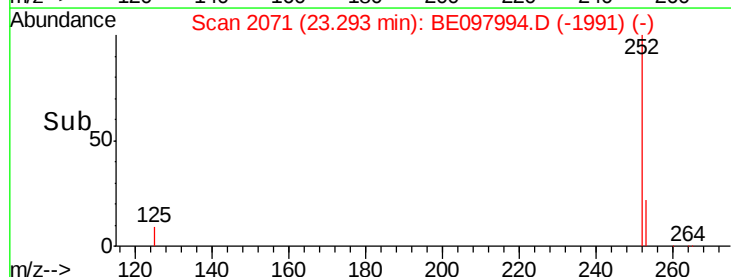
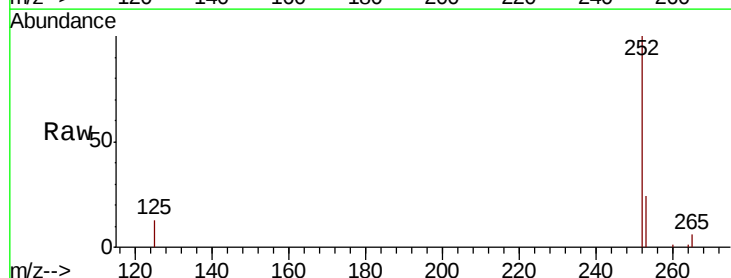
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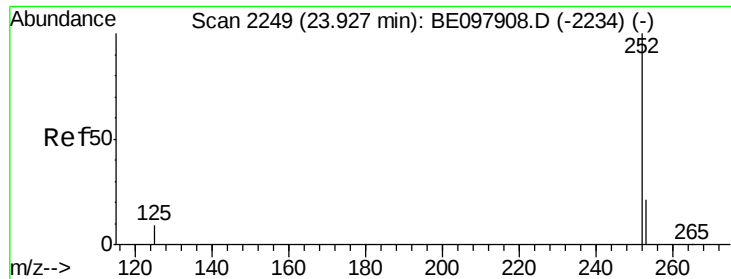
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#36
Benzo(k)fluoranthene
Concen: 0.290 ng
RT: 23.29 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.4	30.6
125	13.2	14.6	21.8#





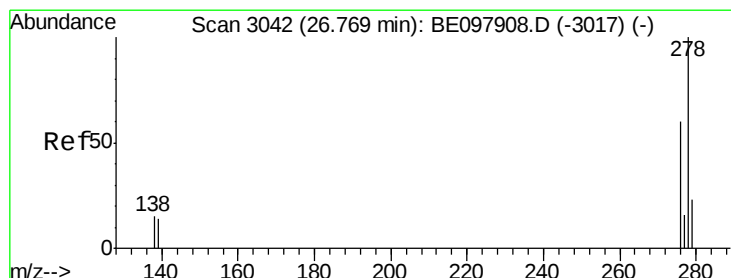
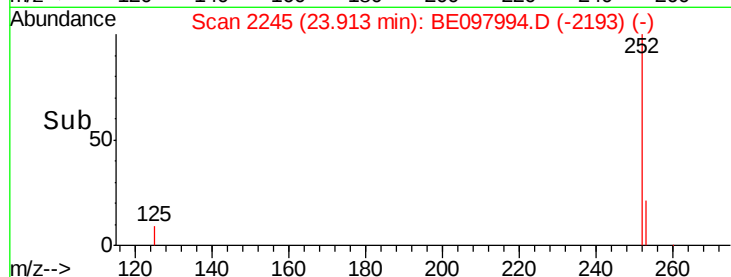
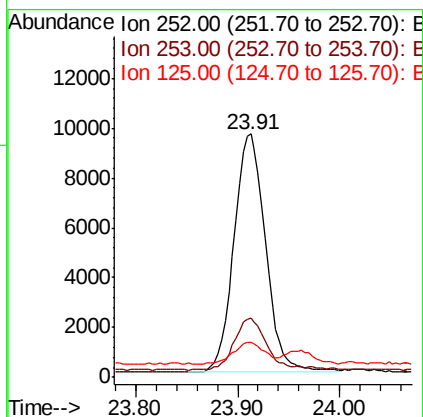
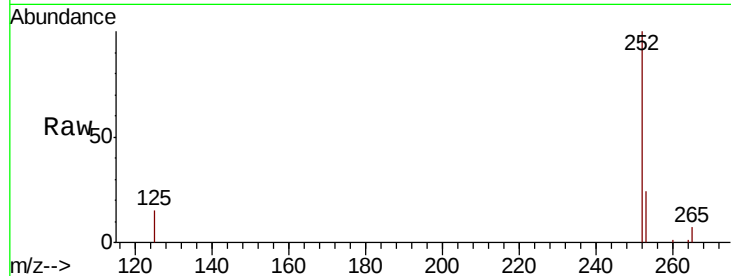
#37
Benzo(a)pyrene
Concen: 0.299 ng
RT: 23.91 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :
PB113998BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	20.6	31.0
125	14.6	15.6	23.4

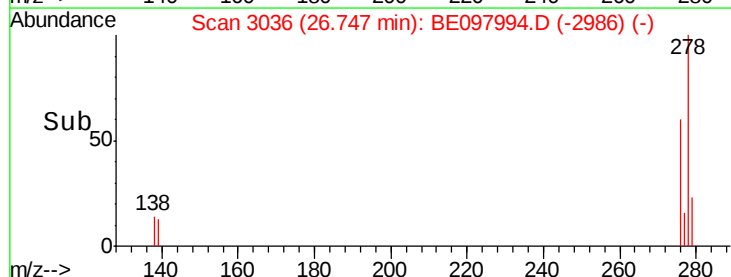
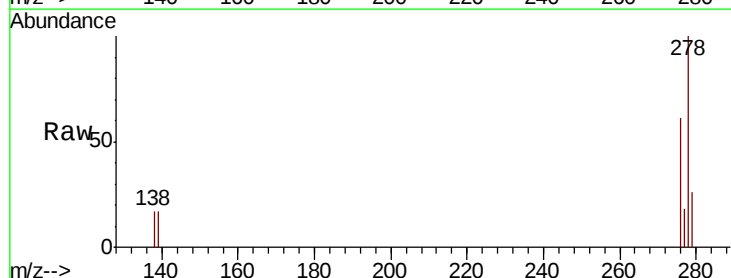
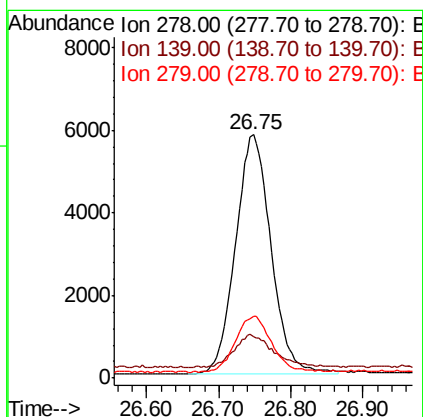
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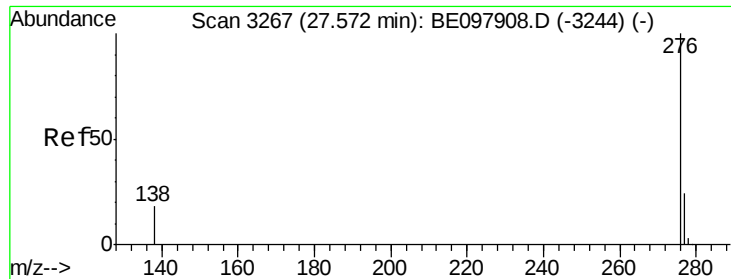
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#38
Dibenzo(a,h)anthracene
Concen: 0.286 ng
RT: 26.75 min Scan# 3036
Delta R.T. -0.02 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	16.3	24.5
279	25.5	21.4	32.2





#39

Benzo(a,h,i)perylene

Concen: 0.284 ng

RT: 27.55 min Scan# 3262

Delta R.T. -0.02 min

Lab File: BE097994.D

Acq: 19 Oct 2018 16:38

Instrument :

BNA_E

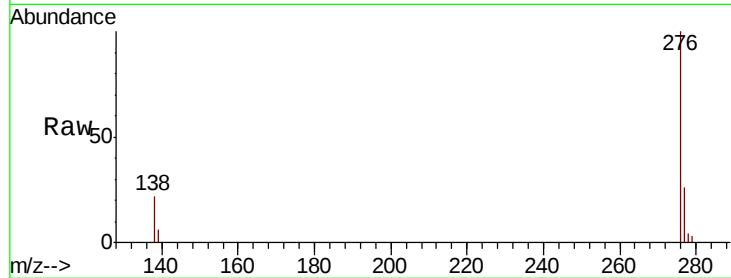
ClientSampleId :

PB113998BS

Tot Ion:	276	Resp:	19693
Ion Ratio	Lower	Upper	
276	100		
277	26.1	22.1	33.1
138	21.6	19.3	28.9

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

