

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081518\
 Data File : BE097281.D
 Acq On : 15 Aug 2018 16:29
 Operator : SJ/JU
 Sample : PB112028BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB112028BSD

Manual Integrations
 APPROVED

Sohil
 8/16/2018 5:27:46 PM

Quant Time: Aug 15 17:37:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE081518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 14:23:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	952	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3967	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	2064	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	5732	0.40	ng	0.00
27) Chrysene-d12	20.98	240	5614	0.40	ng	0.00
34) Perylene-d12	23.22	264	4616	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1162	0.37	ng	0.00
5) Phenol-d6	6.61	99	1388	0.31	ng	0.00
8) Nitrobenzene-d5	8.52	82	1493	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	4127	0.72	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	254	0.41	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	3514	0.45	ng	0.00
25) Fluoranthene-d10	18.81	212	24412	0.43	ng	0.00
29) Terphenyl-d14	19.43	244	3998	0.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.11	88	355	0.332	ng	97
3) n-Nitrosodimethylamine	3.38	42	534	0.430	ng	# 90
6) bis(2-Chloroethyl)ether	6.84	93	1215	0.341	ng	98
9) Naphthalene	10.18	128	14789	0.399	ng	99
10) Hexachlorobutadiene	10.48	225	655	0.391	ng	99
12) 2-Methylnaphthalene	11.80	142	2333	0.384	ng	97
16) Acenaphthylene	13.73	152	3749	0.393	ng	100
17) Acenaphthene	14.07	154	2182	0.398	ng	# 90
18) Fluorene	15.08	166	3068	0.451	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	993	0.332	ng	# 88
21) Hexachlorobenzene	16.08	284	1229	0.362	ng	# 82
22) Pentachlorophenol	16.44	266	516	0.764	ng	# 79
23) Phenanthrene	16.81	178	5664	0.409	ng	99
24) Anthracene	16.91	178	4945	0.399	ng	96
26) Fluoranthene	18.84	202	6557	0.428	ng	98
28) Pyrene	19.21	202	6054	0.400	ng	99
30) Benzo(a)anthracene	20.97	228	5710	0.404	ng	97
31) Chrysene	21.01	228	6215	0.430	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	5553	0.304	ng	98
33) Indeno(1,2,3-cd)pyrene	25.53	276	6248	0.401	ng	# 92
35) Benzo(b)fluoranthene	22.54	252	5428	0.473	ng	# 90
36) Benzo(k)fluoranthene	22.59	252	6438m	0.461	ng	
37) Benzo(a)pyrene	23.12	252	5079	0.441	ng	# 91
38) Dibenzo(a,h)anthracene	25.55	278	5059	0.445	ng	96
39) Benzo(g,h,i)perylene	26.22	276	5174	0.451	ng	# 89

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

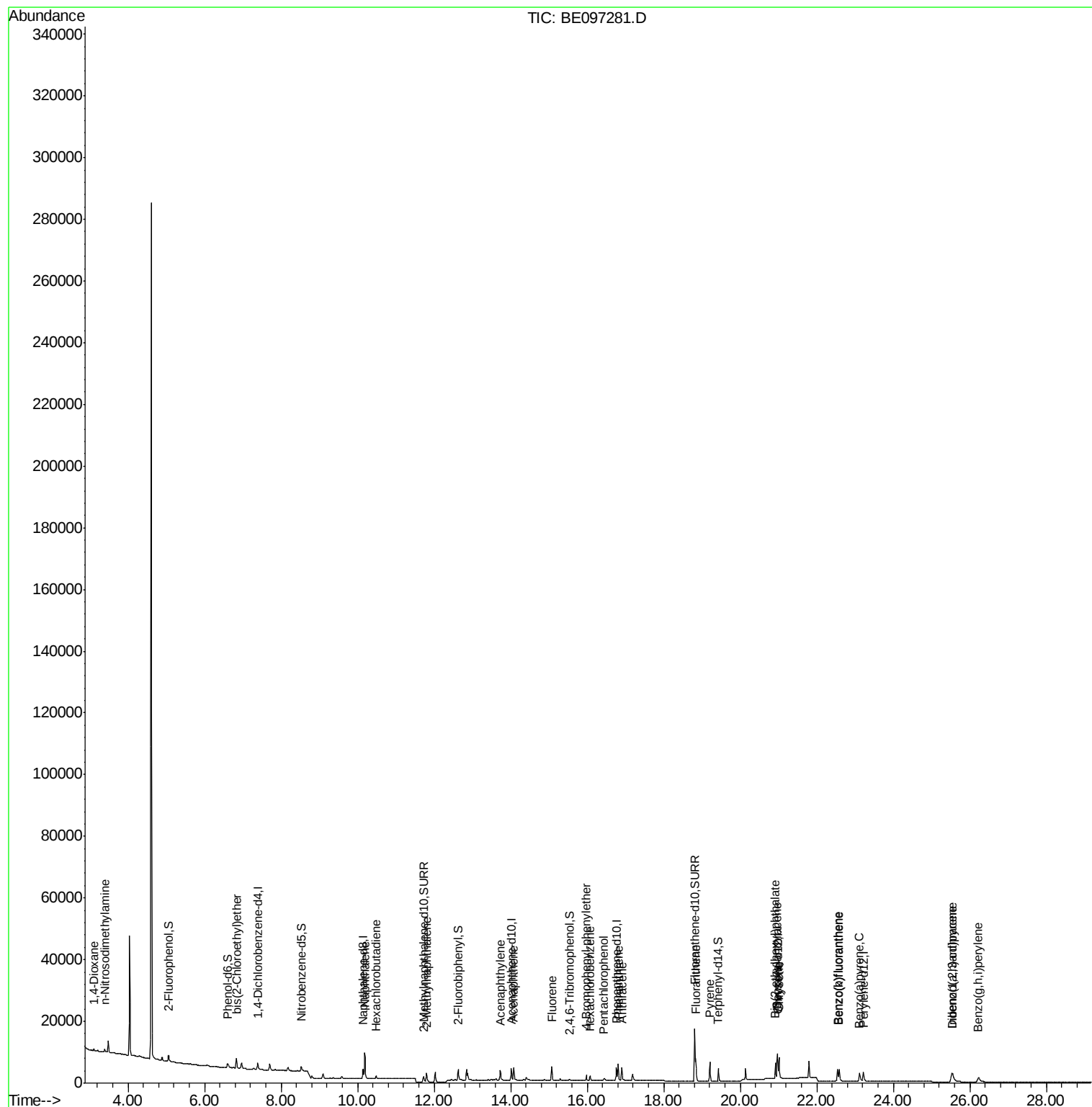
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081518\
Data File : BE097281.D
Acq On : 15 Aug 2018 16:29
Operator : SJ/JU
Sample : PB112028BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

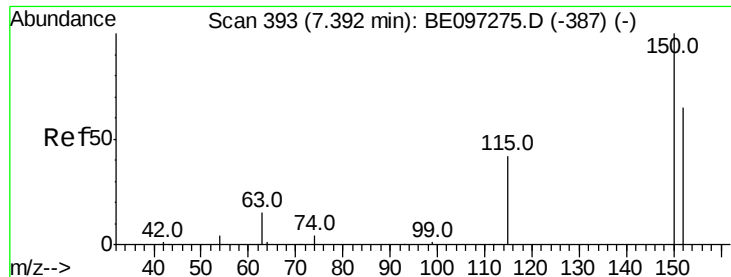
Instrument :
BNA_E
ClientSampleId :
PB112028BSD

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Quant Time: Aug 15 17:37:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE081518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 15 14:23:39 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE097281.D

Acq: 15 Aug 2018 16:29

Instrument :

BNA_E

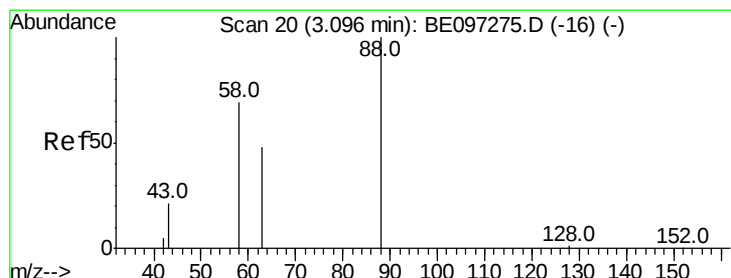
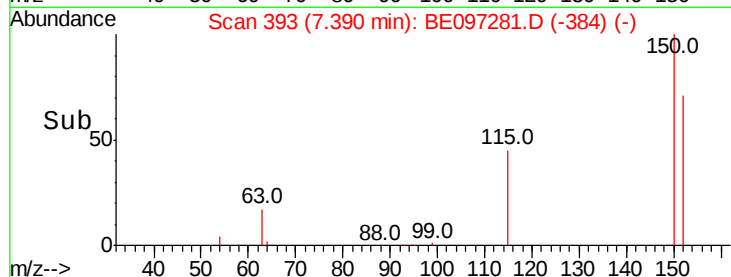
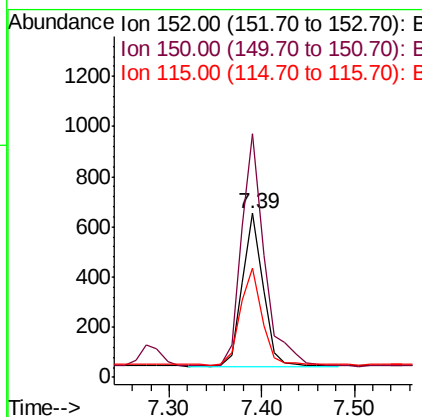
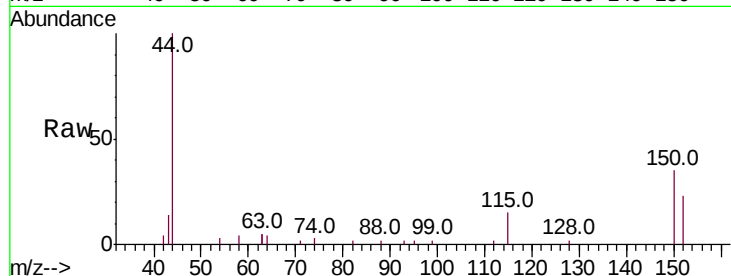
ClientSampleId :

PB112028BSD

Tot Ion:	152	Resp:	952
Ion	Ratio	Lower	Upper
152	100		
150	148.7	117.2	175.8
115	66.8	57.0	85.6

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#2

1,4-Dioxane

Concen: 0.332 ng

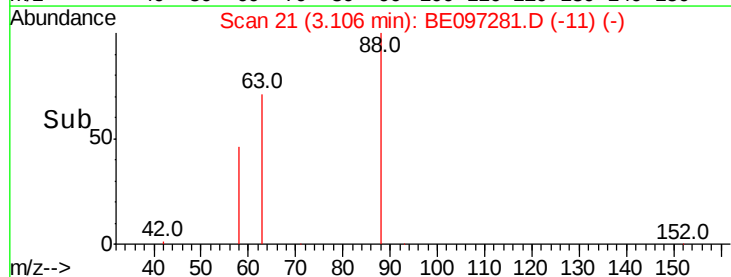
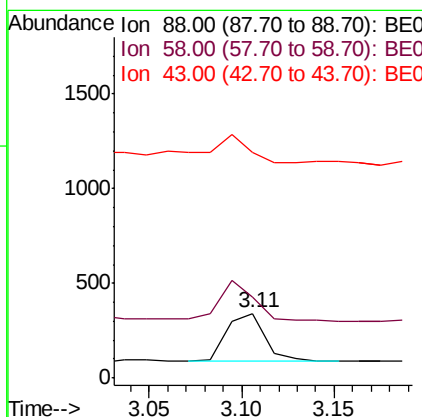
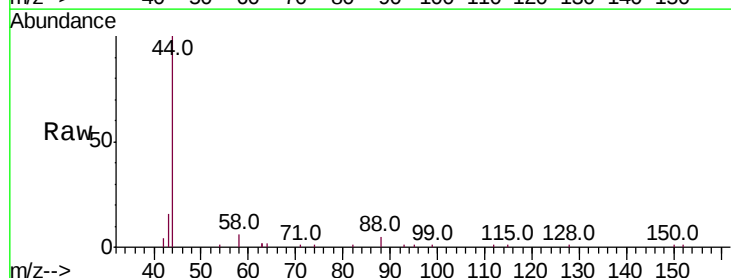
RT: 3.11 min Scan# 21

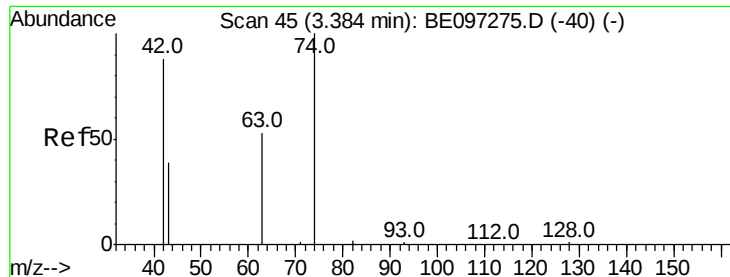
Delta R.T. 0.01 min

Lab File: BE097281.D

Acq: 15 Aug 2018 16:29

Tgt Ion:	88	Resp:	355
Ion	Ratio	Lower	Upper
88	100		
58	82.0	63.2	94.8
43	50.4	41.2	61.8





#3

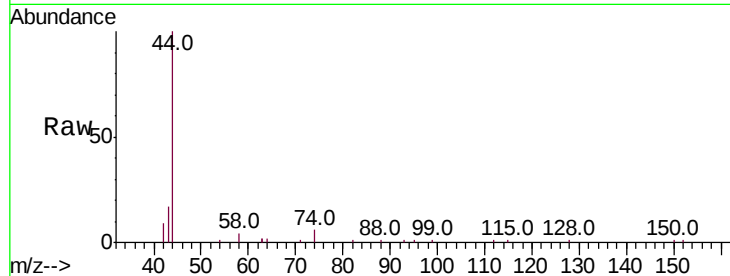
n-Nitrosodimethylamine
 Concen: 0.430 ng
 RT: 3.38 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BE097281.D
 Acq: 15 Aug 2018 16:29

Instrument :
 BNA_E
 ClientSampleId :
 PB112028BSD

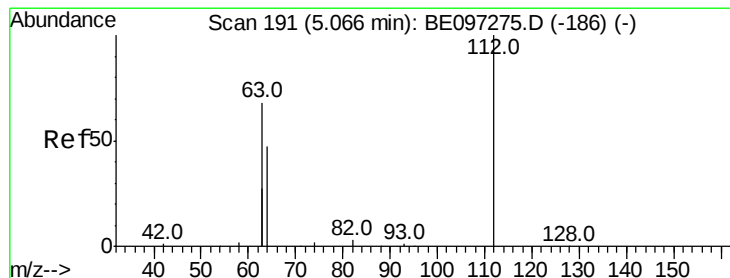
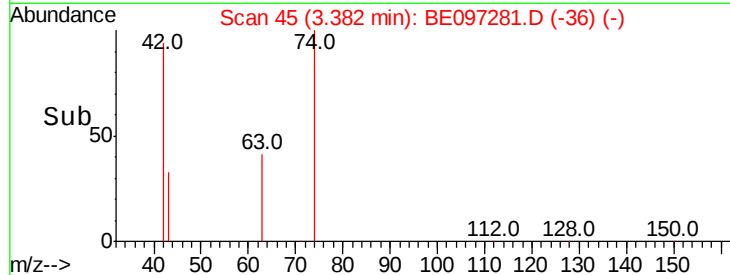
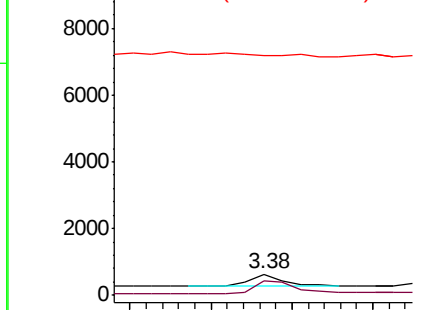
Tot Ion	Ratio	Lower	Upper
42	100		
74	127.2	96.0	144.0
44	0.0	12.0	18.0

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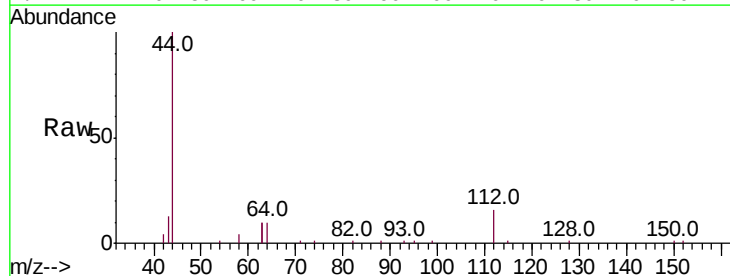
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



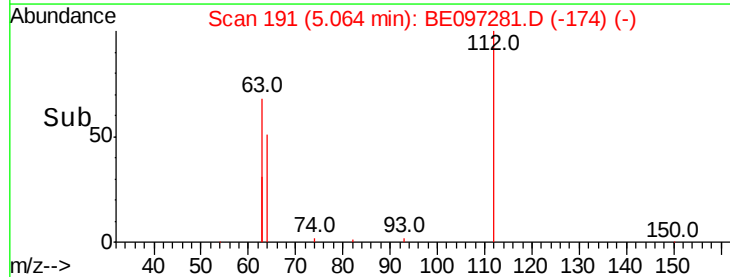
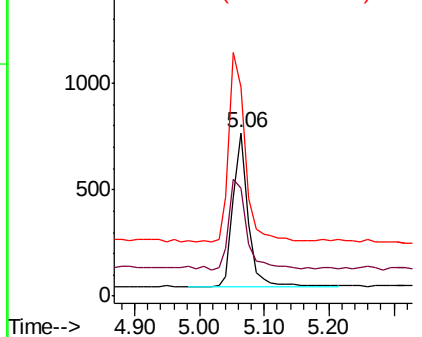
#4

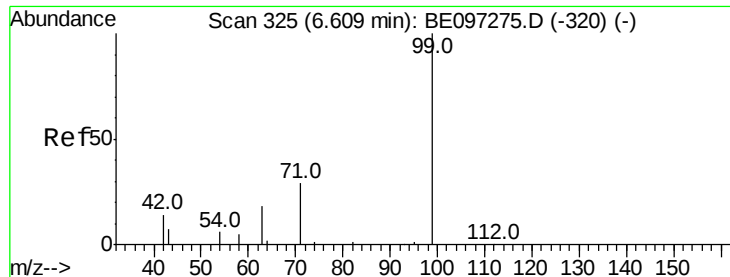
2-Fluorophenol
 Concen: 0.371 ng
 RT: 5.06 min Scan# 191
 Delta R.T. -0.00 min
 Lab File: BE097281.D
 Acq: 15 Aug 2018 16:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	60.1	90.1
63	131.0	116.8	175.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.310 ng

RT: 6.61 min Scan# 325

Delta R.T. -0.00 min

Lab File: BE097281.D

Acq: 15 Aug 2018 16:29

Instrument :

BNA_E

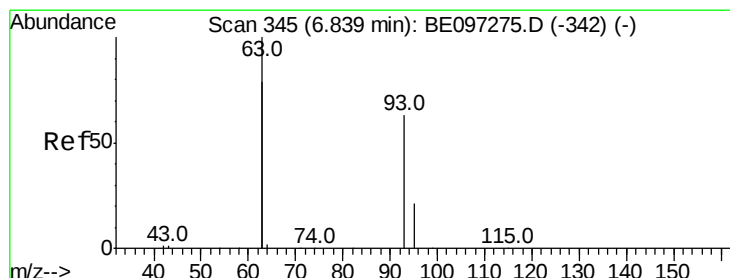
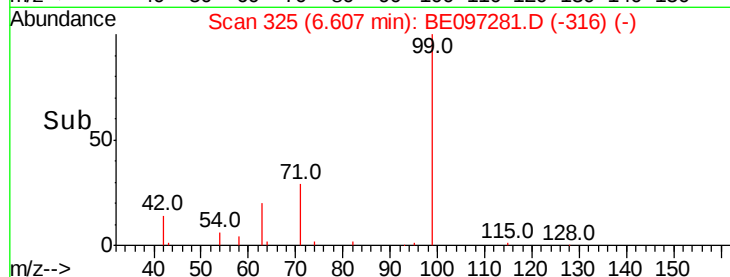
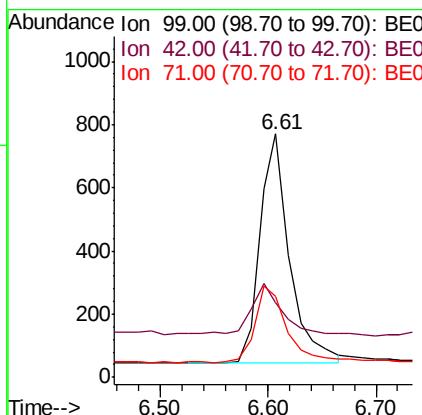
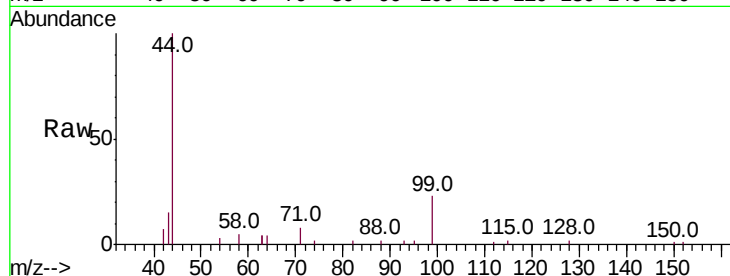
ClientSampleId :

PB112028BSD

Tot Ion:	99	Resp:	1388
Ion	Ratio	Lower	Upper
99	100		
42	20.7	20.2	30.2
71	34.7	28.4	42.6

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#6

bis(2-Chloroethyl)ether

Concen: 0.341 ng

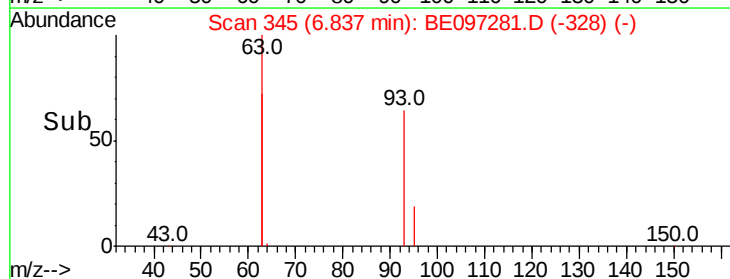
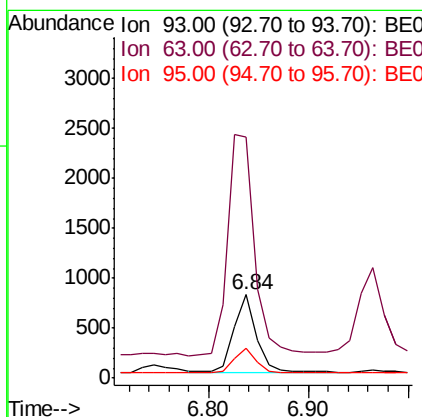
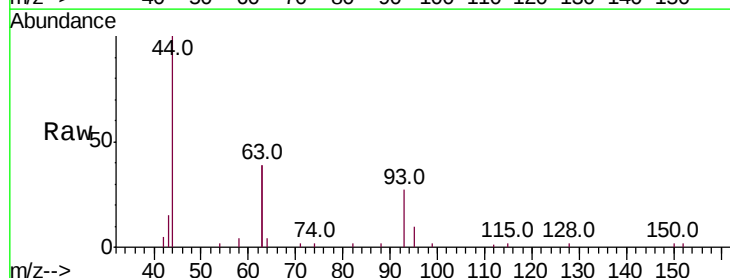
RT: 6.84 min Scan# 345

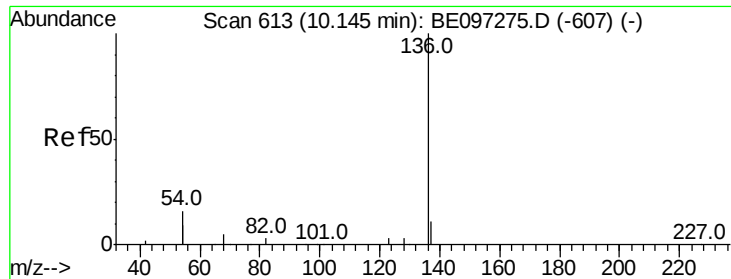
Delta R.T. -0.00 min

Lab File: BE097281.D

Acq: 15 Aug 2018 16:29

Tgt Ion:	93	Resp:	1215
Ion	Ratio	Lower	Upper
93	100		
63	339.1	275.3	412.9
95	33.4	25.2	37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097281.D

Acq: 15 Aug 2018 16:29

Instrument :

BNA_E

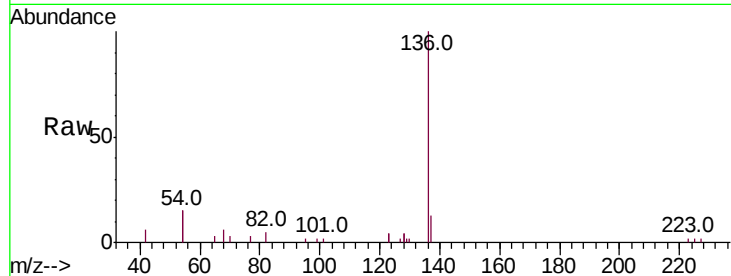
ClientSampleId :

PB112028BSD

Tot Ion:	136	Resp:	3967
Ion Ratio	Lower	Upper	
136	100		
137	12.8	9.5	14.3
54	30.4	29.1	43.7
68	6.4	6.2	9.2

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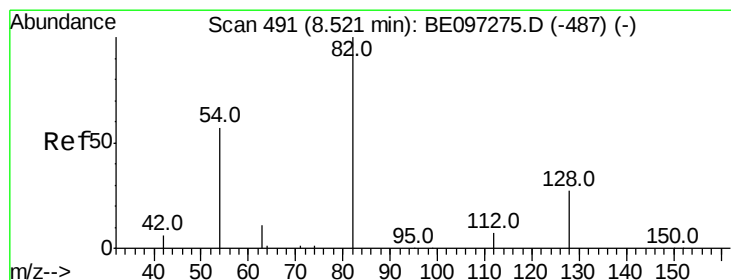
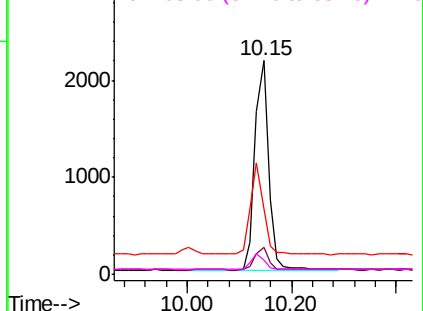
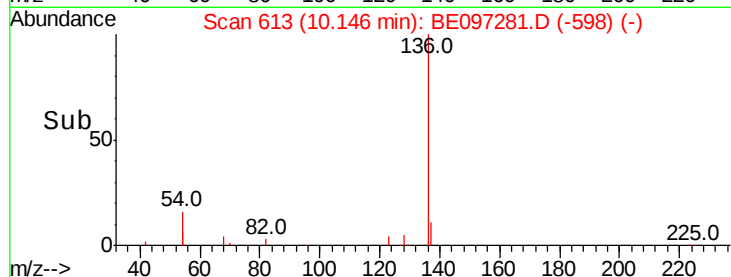


Abundance Ion 136.00 (135.70 to 136.70): BE097281.D (-598) (-)

Ion 137.00 (136.70 to 137.70): BE097281.D (-598) (-)

Ion 54.00 (53.70 to 54.70): BE097281.D (-598) (-)

Ion 68.00 (67.70 to 68.70): BE097281.D (-598) (-)



#8

Nitrobenzene-d5

Concen: 0.411 ng

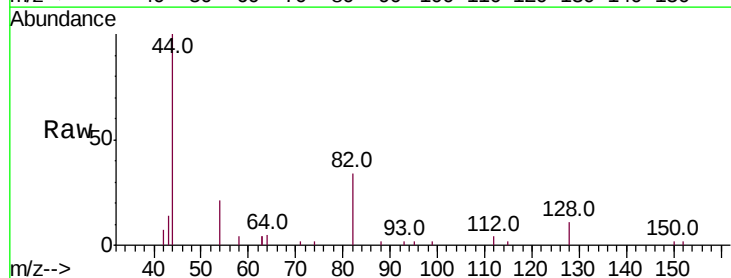
RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097281.D

Acq: 15 Aug 2018 16:29

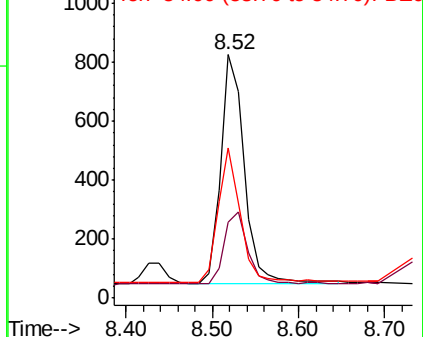
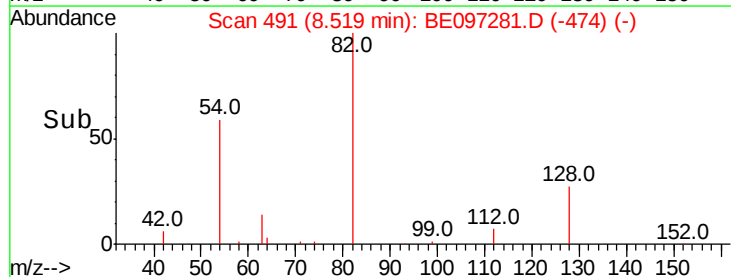
Tgt Ion:	82	Resp:	1493
Ion Ratio	Lower	Upper	
82	100		
128	31.0	24.0	36.0
54	61.6	40.0	60.0

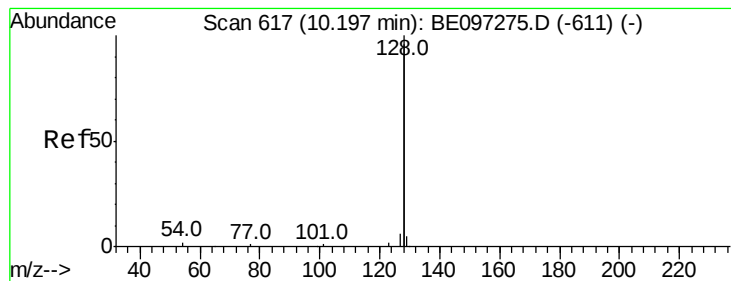


Abundance Ion 82.00 (81.70 to 82.70): BE097281.D (-474) (-)

Ion 128.00 (127.70 to 128.70): BE097281.D (-474) (-)

Ion 54.00 (53.70 to 54.70): BE097281.D (-474) (-)





#9

Naphthalene

Concen: 0.399 ng

RT: 10.18 min Scan# 616

Delta R.T. -0.01 min

Lab File: BE097281.D

Acq: 15 Aug 2018 16:29

Instrument :

BNA_E

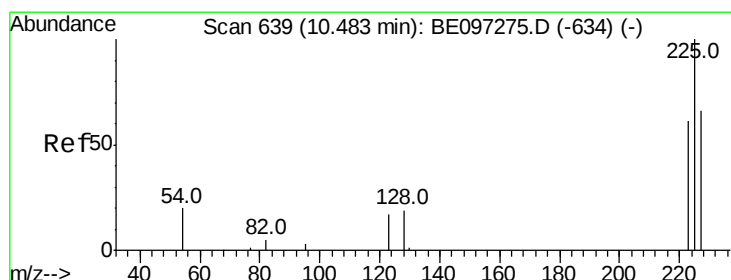
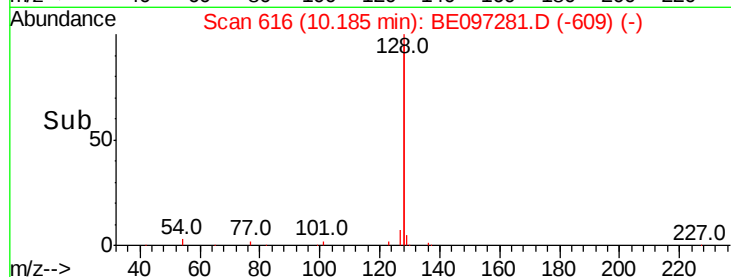
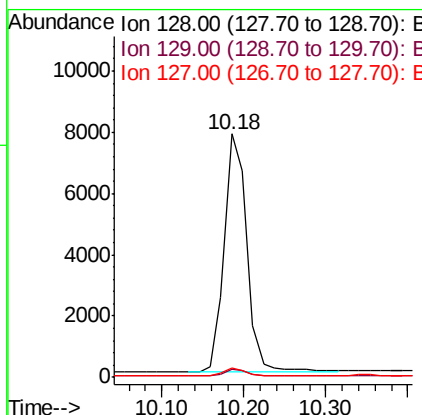
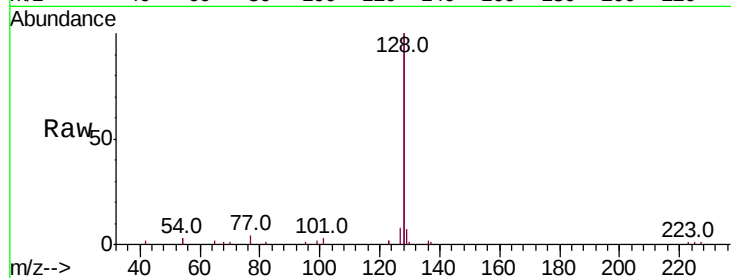
ClientSampleId :

PB112028BSD

Tot Ion:	128	Resp:	14789
Ion Ratio	Lower	Upper	
128	100		
129	3.3	2.6	3.8
127	4.0	2.8	4.2

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#10

Hexachlorobutadiene

Concen: 0.391 ng

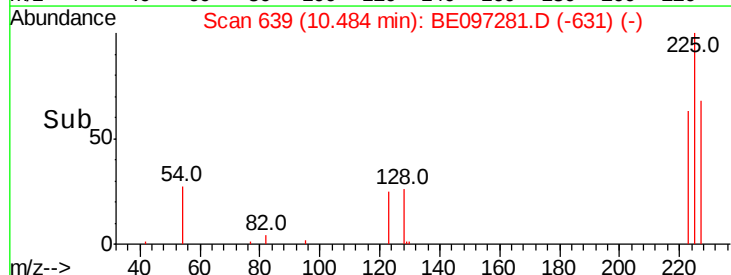
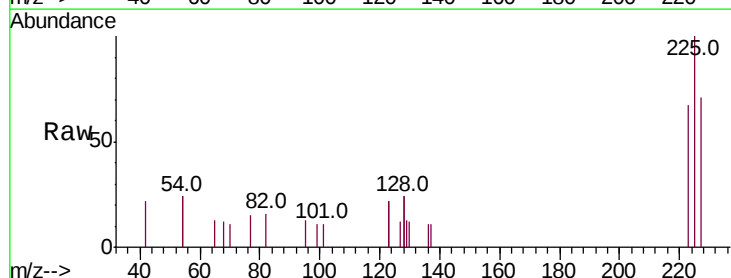
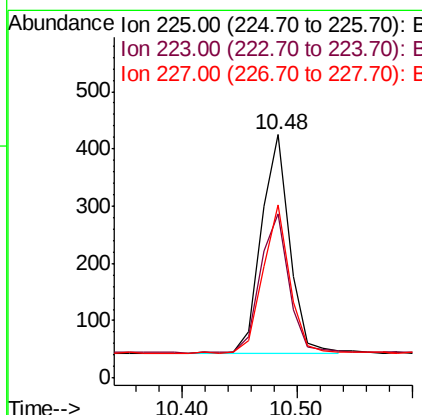
RT: 10.48 min Scan# 639

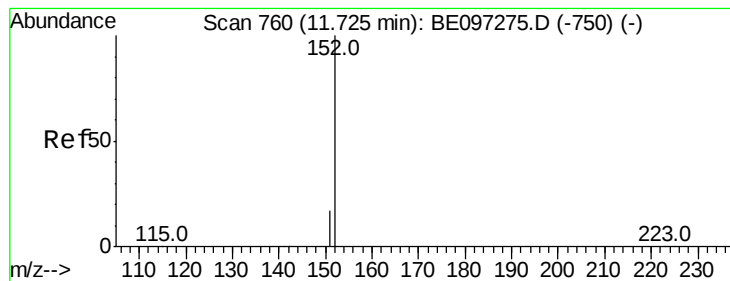
Delta R.T. 0.00 min

Lab File: BE097281.D

Acq: 15 Aug 2018 16:29

Tgt Ion:	225	Resp:	655
Ion Ratio	Lower	Upper	
225	100		
223	64.9	53.0	79.6
227	63.8	51.4	77.2





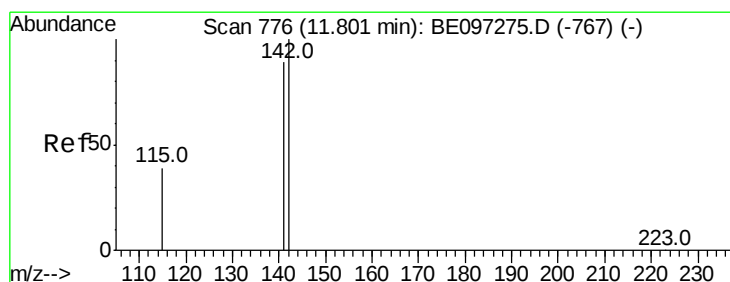
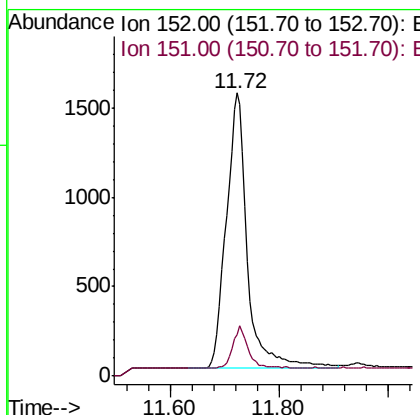
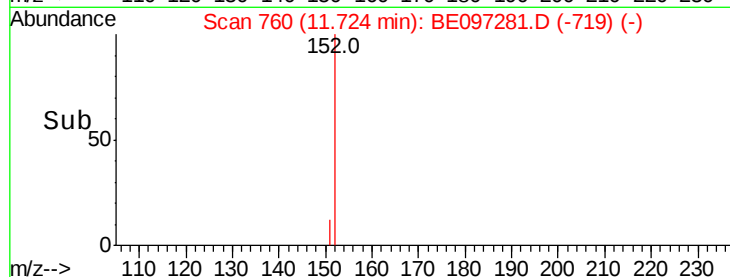
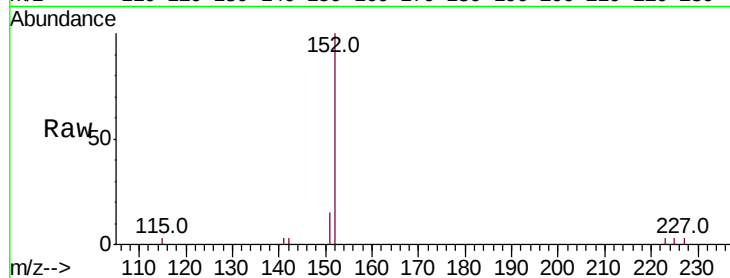
#11
2-Methylnaphthalene-d10
Concen: 0.716 ng
RT: 11.72 min Scan# 760
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tot Ion:152 Resp: 4127
Ion Ratio Lower Upper
152 100
151 10.9 15.4 23.0#

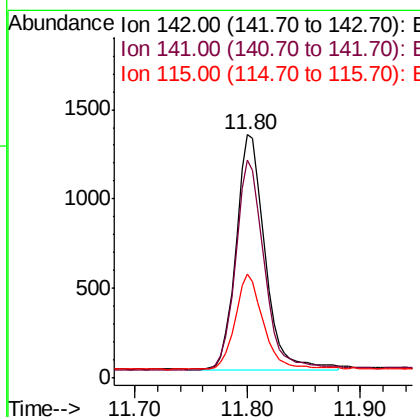
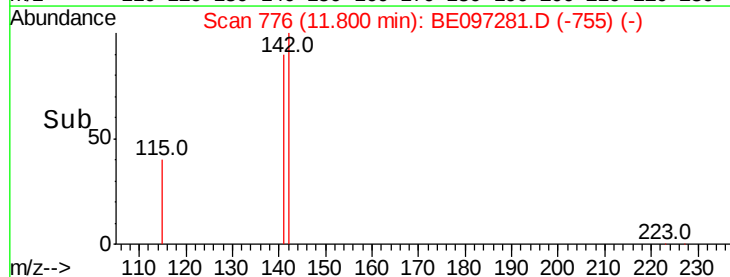
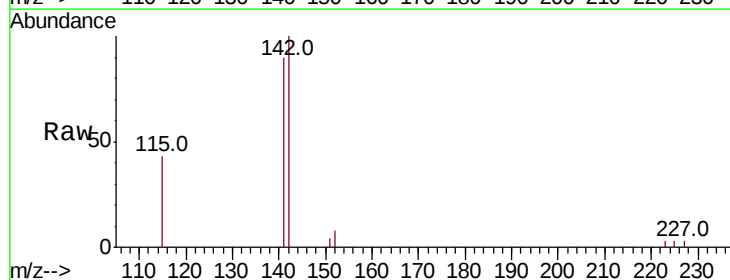
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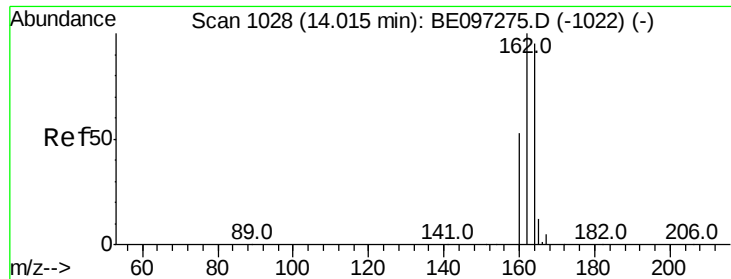
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#12
2-Methylnaphthalene
Concen: 0.384 ng
RT: 11.80 min Scan# 776
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion:142 Resp: 2333
Ion Ratio Lower Upper
142 100
141 89.6 70.4 105.6
115 42.5 31.7 47.5





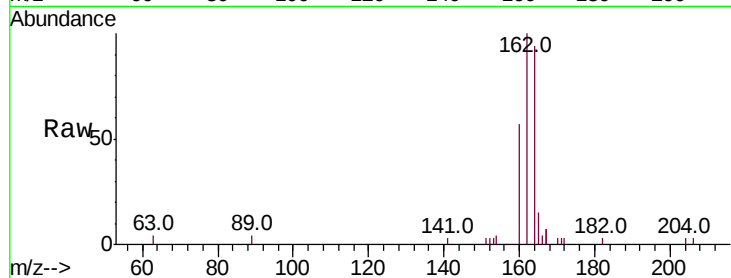
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.9	83.1	124.7
160	60.9	37.1	55.7

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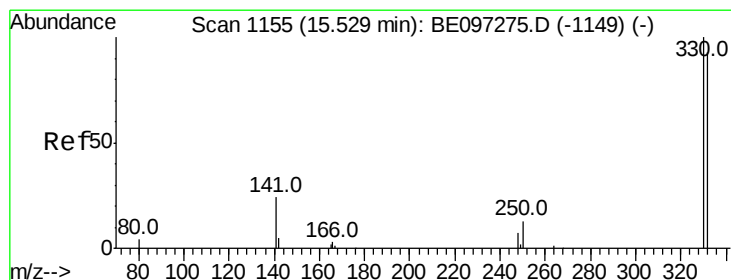
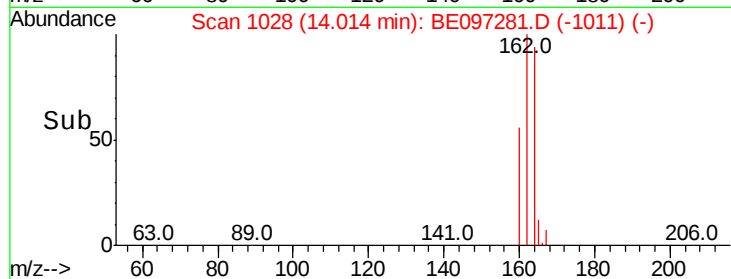
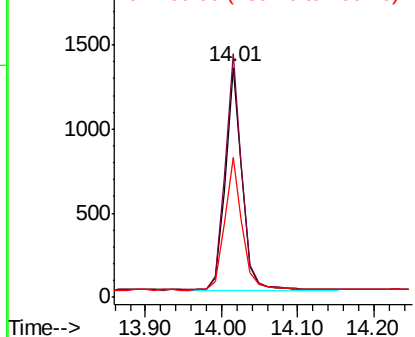


Abundance

Ion 164.00 (163.70 to 164.70): E

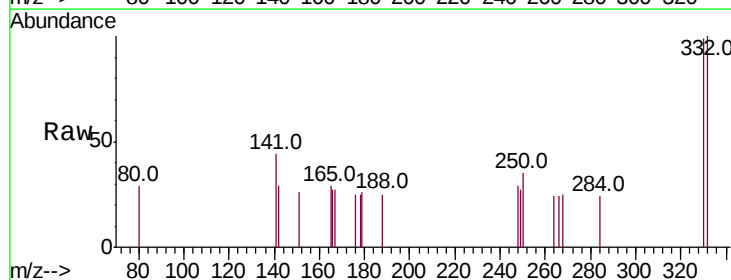
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.408 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	152.7	229.1
141	41.7	33.7	50.5

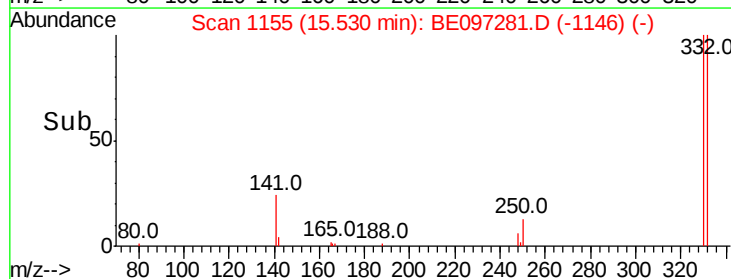
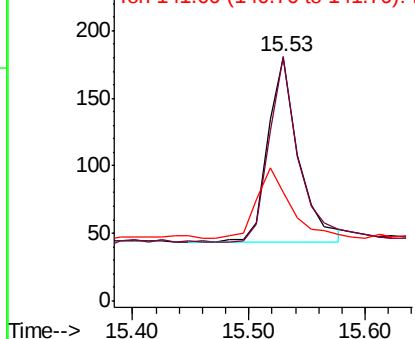


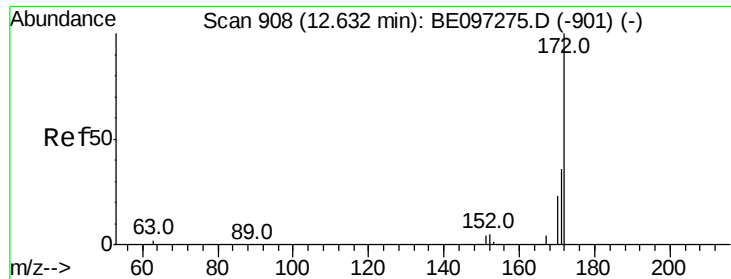
Abundance

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





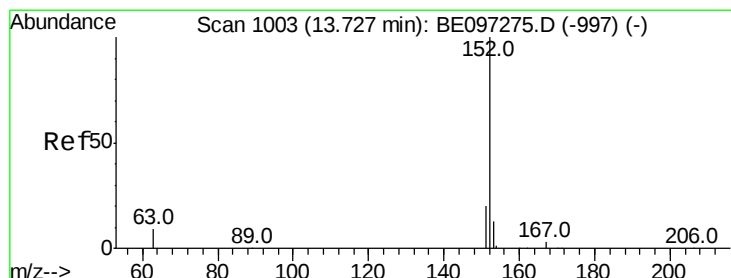
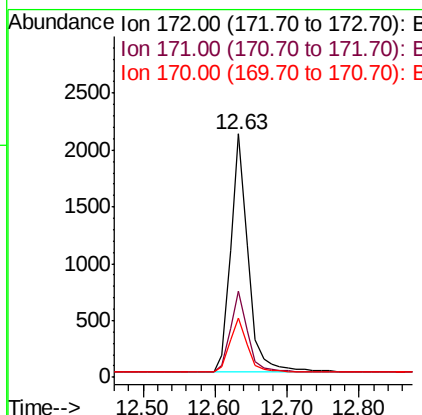
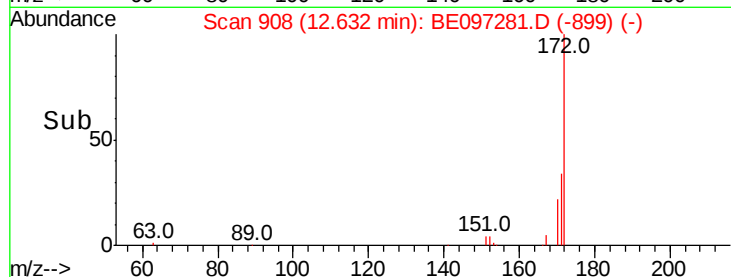
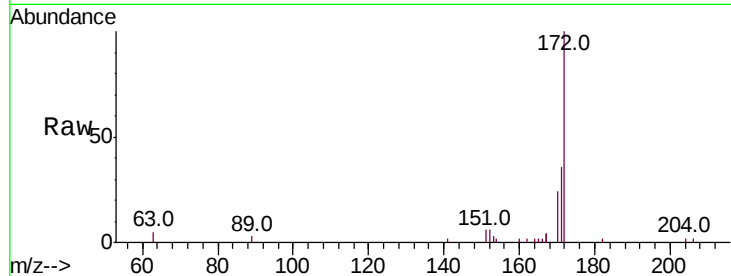
#15
2-Fluorobiphenyl
Concen: 0.453 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.9	44.9
170	24.1	21.8	32.8

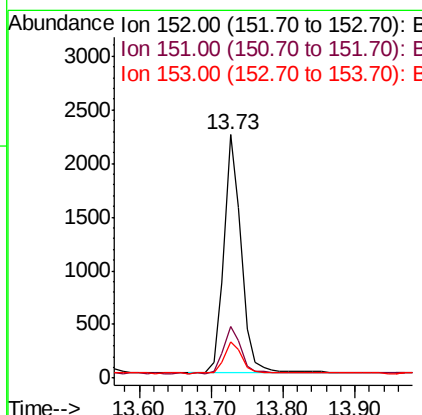
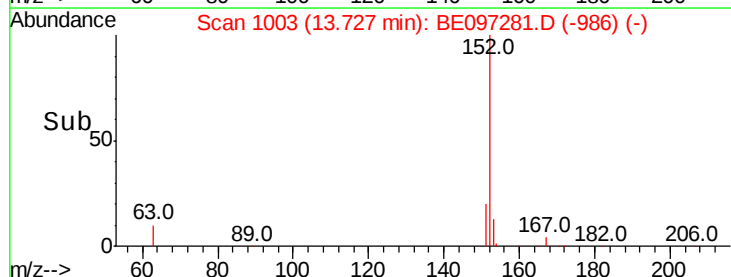
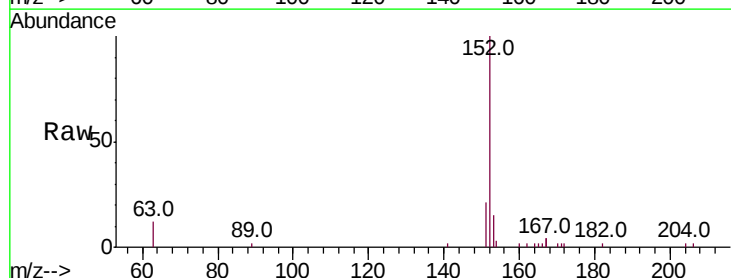
Manual Integrations
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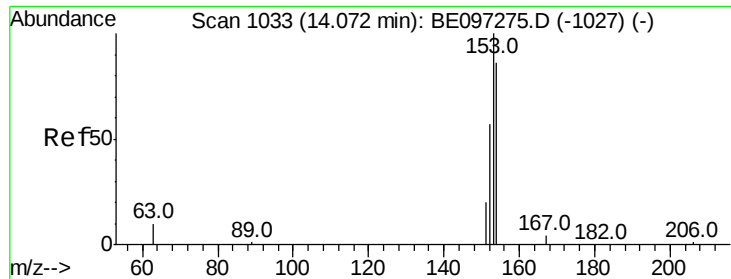
Sohil
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#16
Acenaphthylene
Concen: 0.393 ng
RT: 13.73 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.2	10.5	15.7





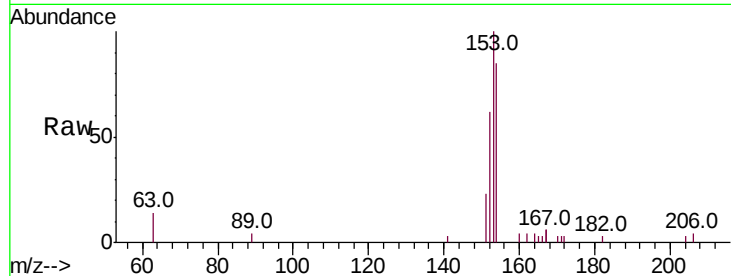
#17
Acenaphthene
Concen: 0.398 ng
RT: 14.07 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.7	89.2	133.8
152	68.2	42.0	63.0#

Manual Integrations
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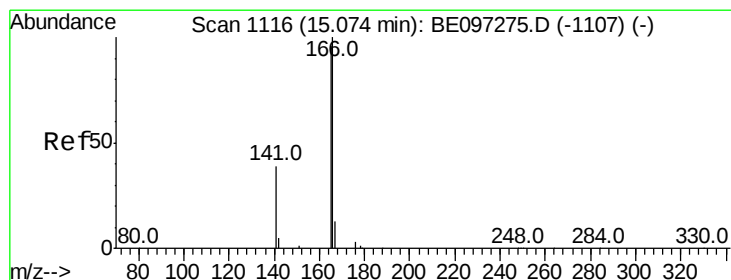
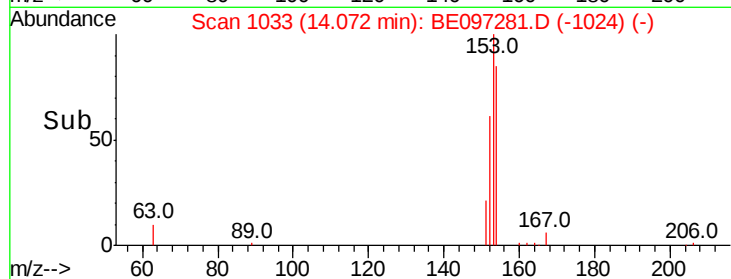
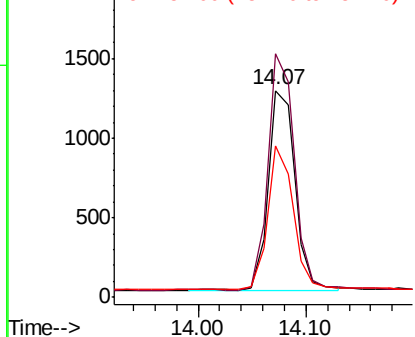


Abundance

Ion 154.00 (153.70 to 154.70): E

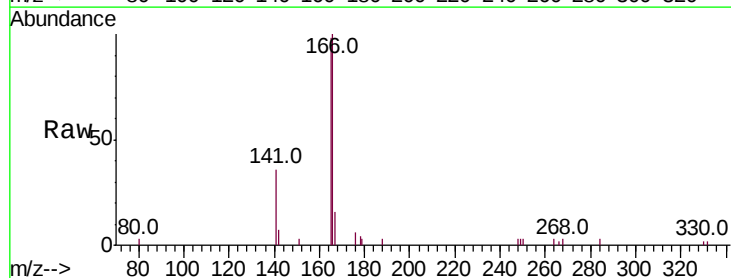
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.451 ng
RT: 15.08 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.6
167	13.1	42.4	63.6#

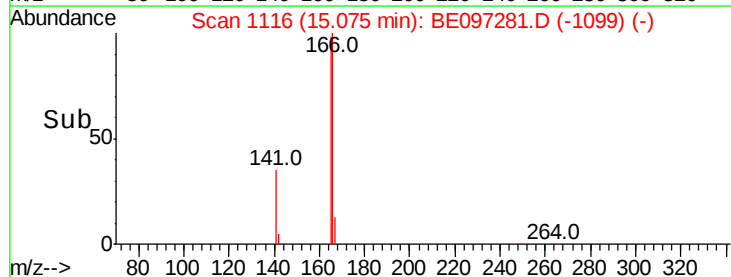
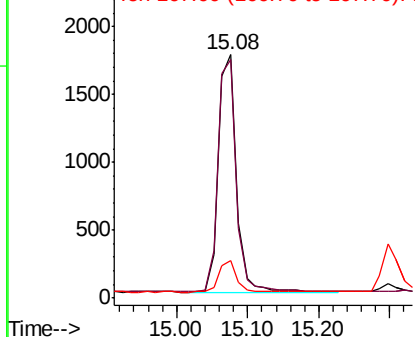


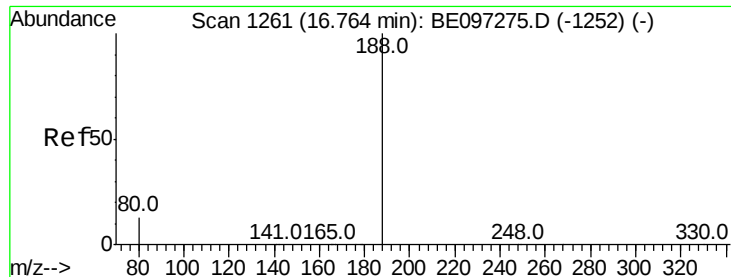
Abundance

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: 16.77 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE097281.D

Acq: 15 Aug 2018 16:29

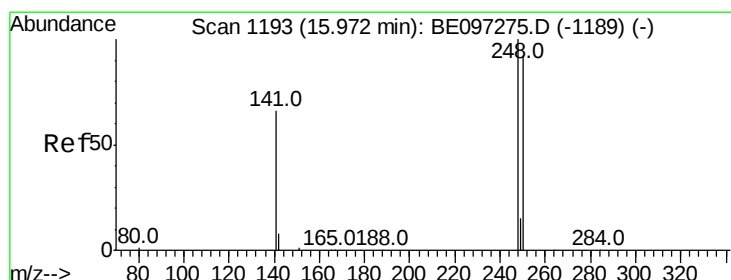
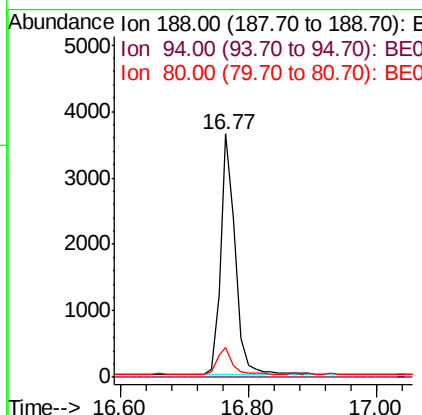
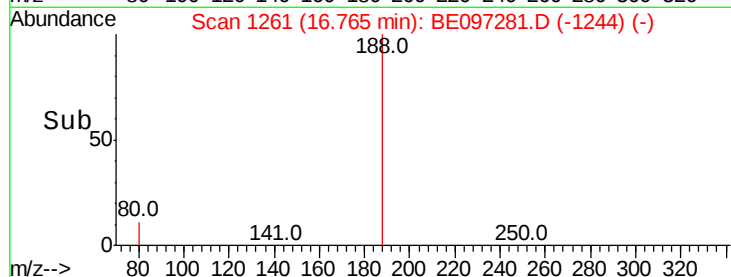
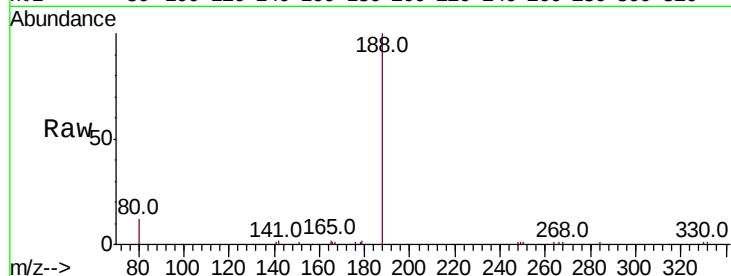
Instrument :
BNA_E

ClientSampleId :
PB112028BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	0.0	3.9	5.9#	
80	12.4	3.6	5.4#	

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#20

4-Bromophenyl-phenylether

Concen: 0.332 ng

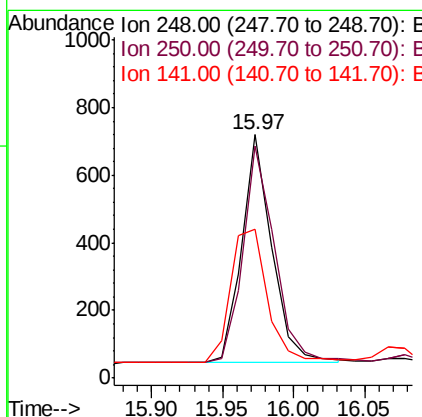
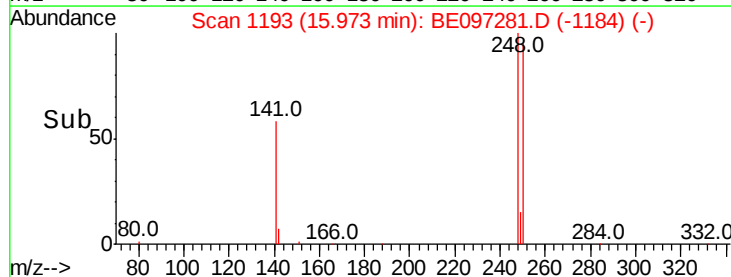
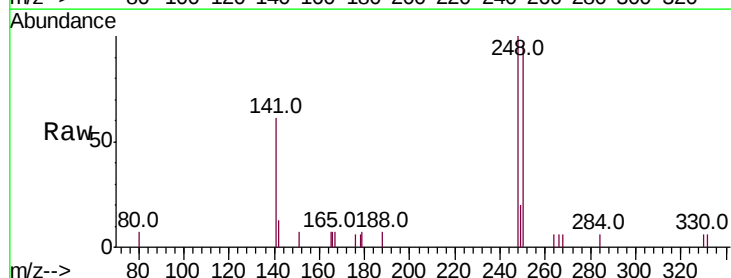
RT: 15.97 min Scan# 1193

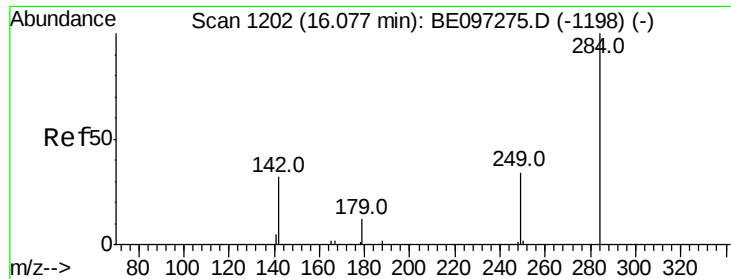
Delta R.T. 0.00 min

Lab File: BE097281.D

Acq: 15 Aug 2018 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.6	62.7	94.1#	
141	61.0	48.2	72.2	





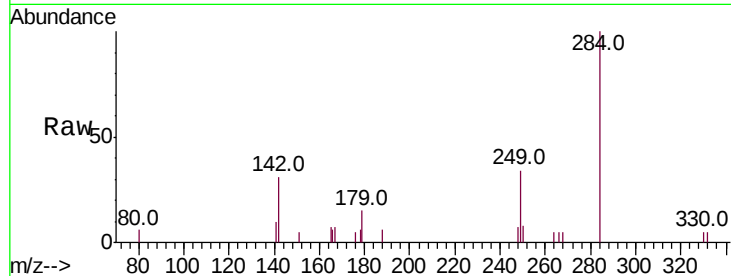
#21
Hexachlorobenzene
Concen: 0.362 ng
RT: 16.08 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.8	22.1	33.1#
249	29.9	34.8	52.2#

Manual Integrations
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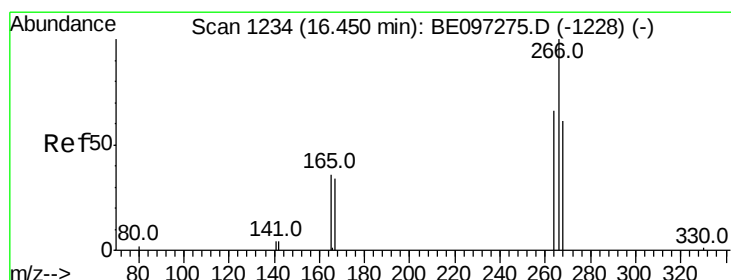
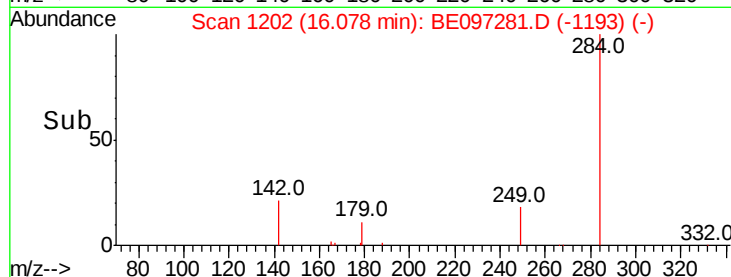
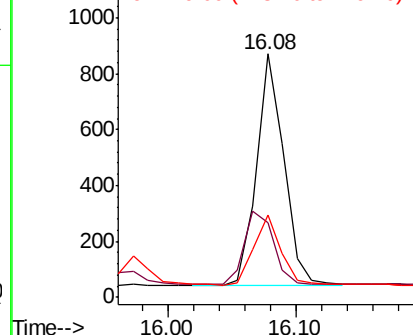


Abundance

Ion 283.80 (283.50 to 284.50): E

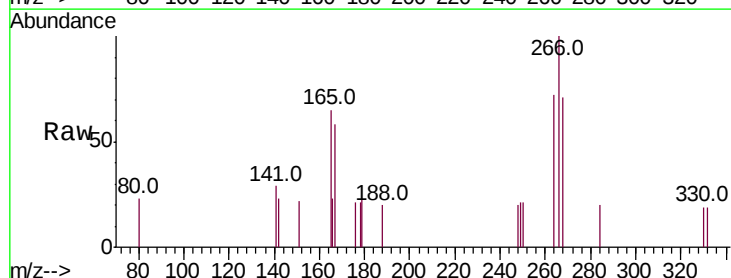
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.764 ng
RT: 16.44 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion	Ratio	Lower	Upper
266	100		
264	72.1	72.5	108.7#
268	70.8	73.8	110.6#

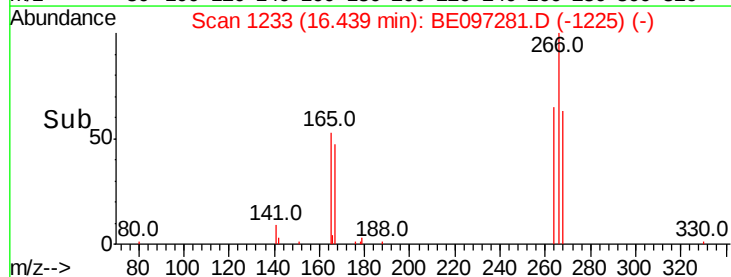
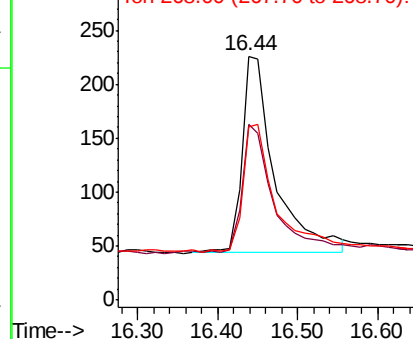


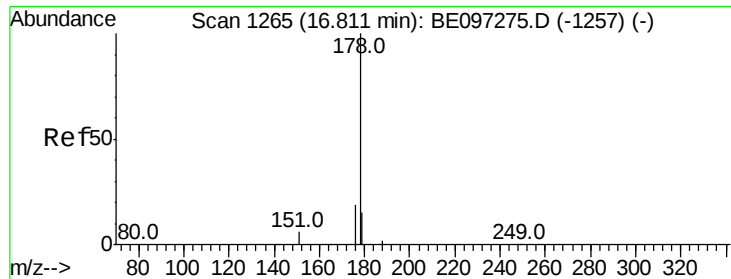
Abundance

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





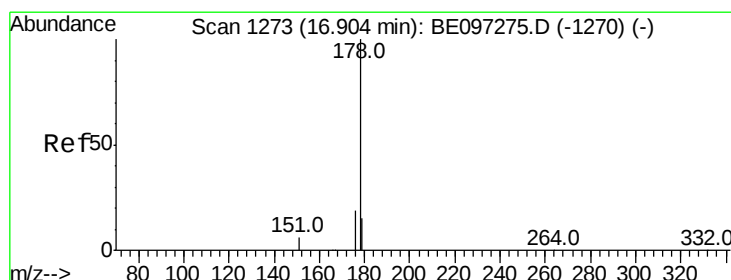
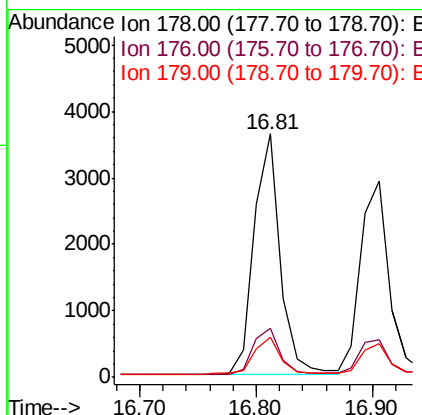
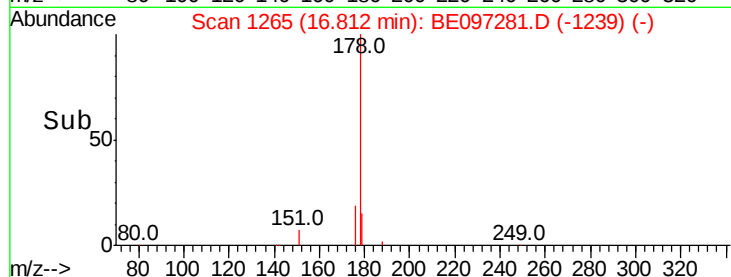
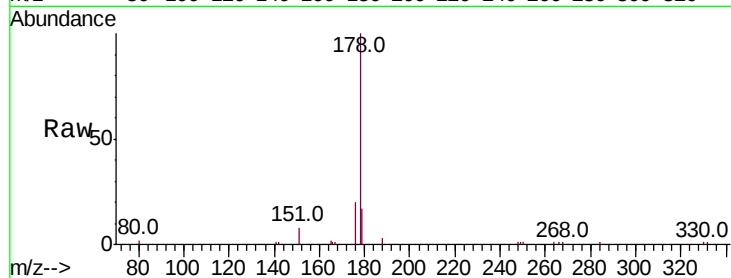
#23
Phenanthrene
Concen: 0.409 ng
RT: 16.81 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.2	11.8	17.6

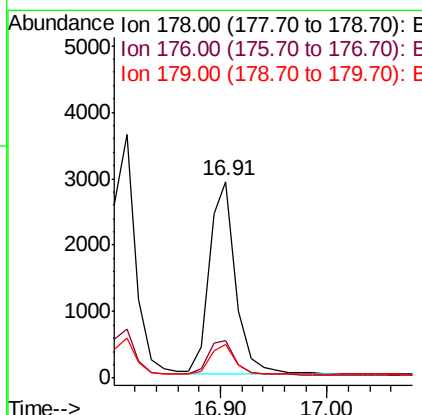
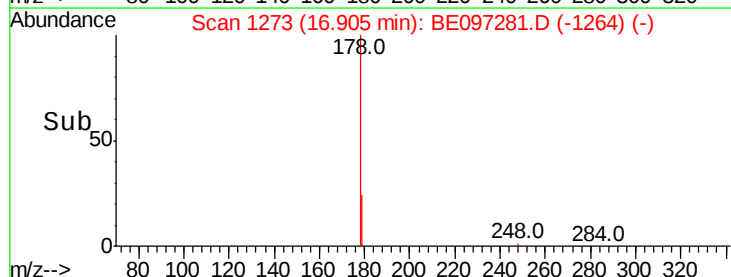
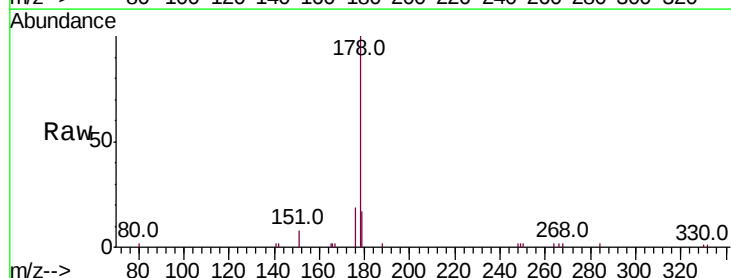
Manual Integrations
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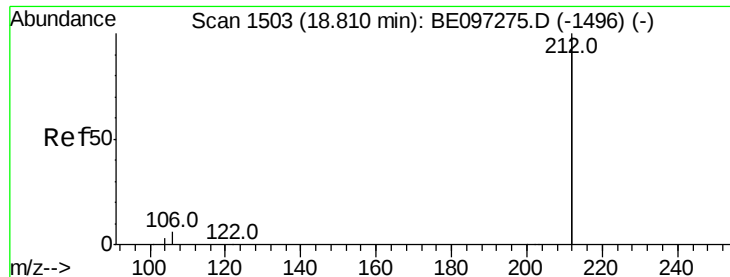
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#24
Anthracene
Concen: 0.399 ng
RT: 16.91 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	12.8	19.2
179	15.8	13.0	19.6





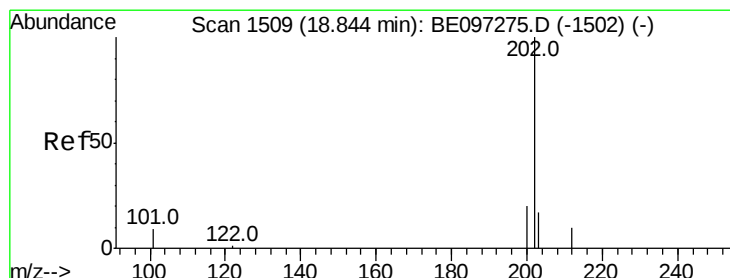
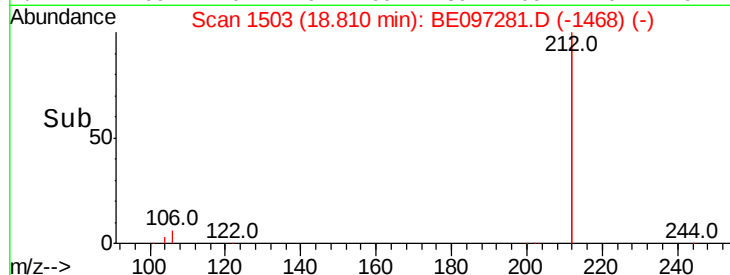
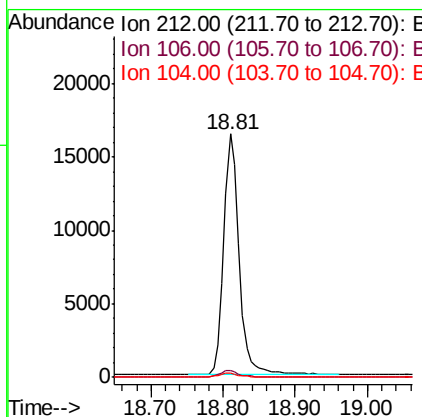
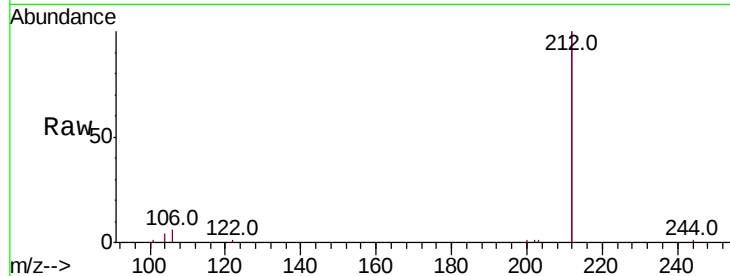
#25
Fluoranthene-d10
Concen: 0.426 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tot Ion	Ratio	Resp	Lower	Upper
212	100			
106	3.1	2.8	4.2	
104	1.7	1.6	2.4	

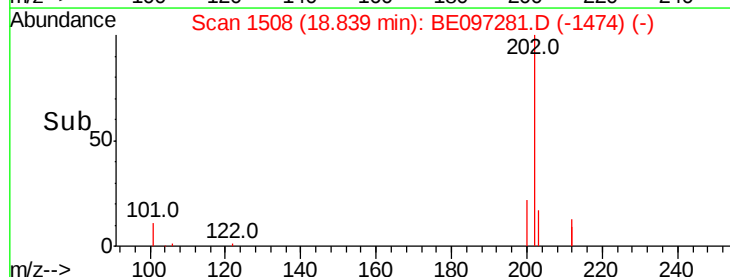
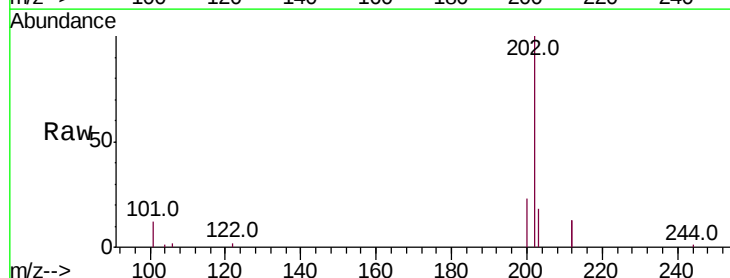
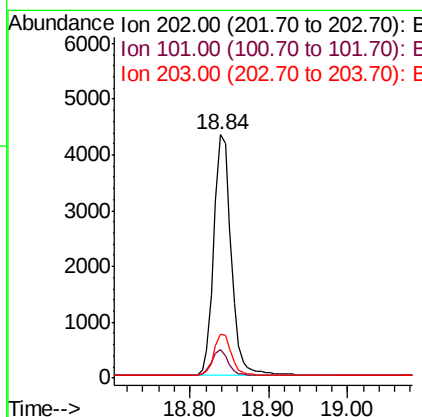
Manual Integrations
APPROVED

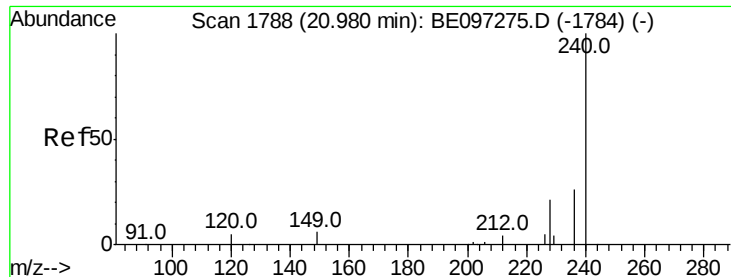
Sohil
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#26
Fluoranthene
Concen: 0.428 ng
RT: 18.84 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.6	9.8	14.8	
203	17.0	13.7	20.5	





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BE097281.D

Acq: 15 Aug 2018 16:29

Instrument :

BNA_E

ClientSampleId :

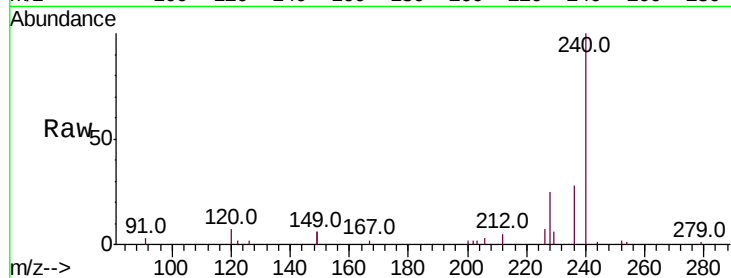
PB112028BSD

Tot Ion:240 Resp: 5614

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.5	8.3
236	27.7	20.7	31.1

Manual Integrations
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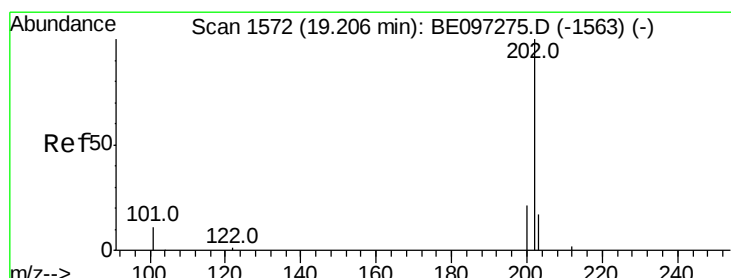
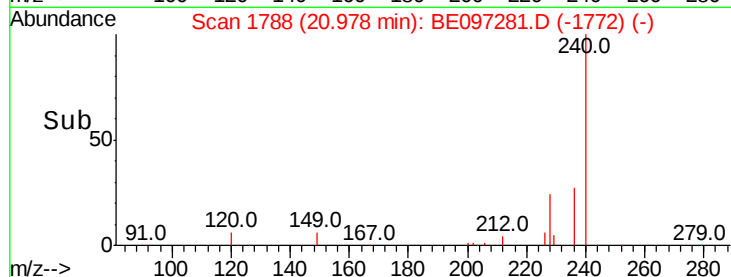
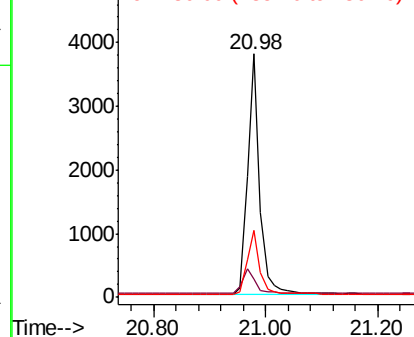
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.400 ng

RT: 19.21 min Scan# 1572

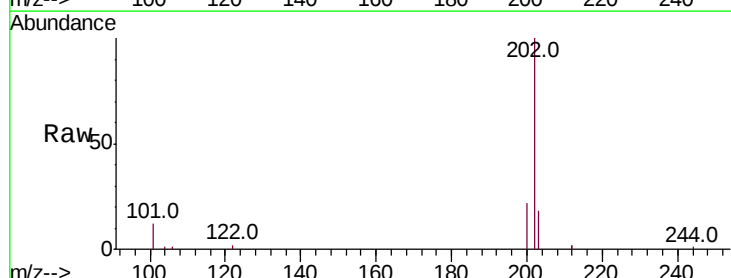
Delta R.T. 0.00 min

Lab File: BE097281.D

Acq: 15 Aug 2018 16:29

Tgt Ion:202 Resp: 6054

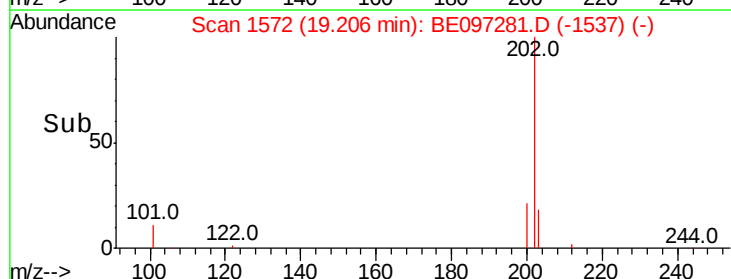
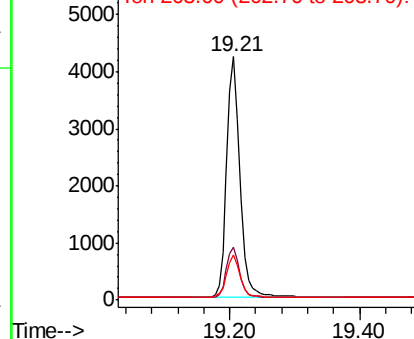
Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	18.0	13.8	20.8

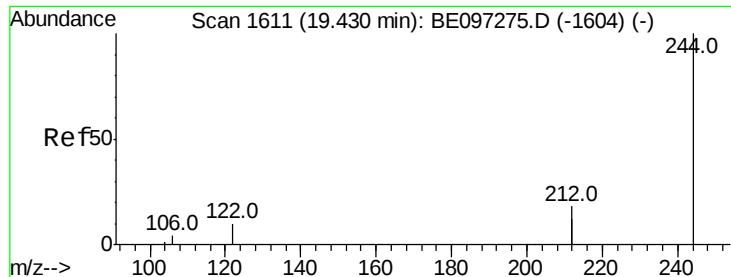


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





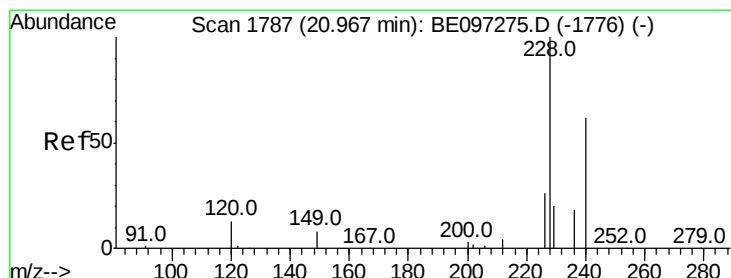
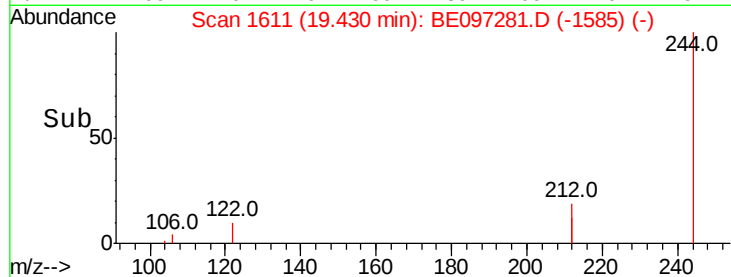
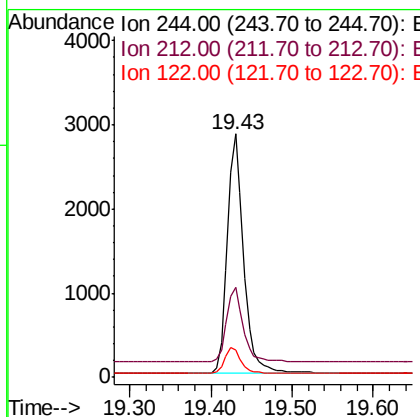
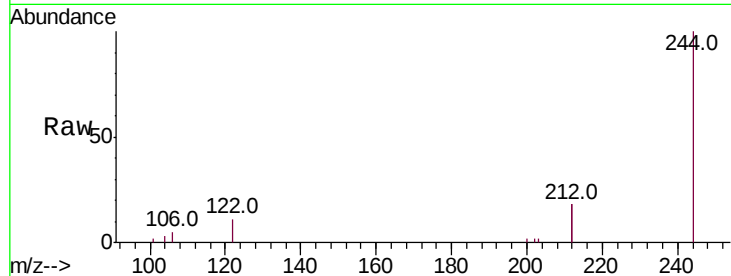
#29
 Terphenyl-d14
 Concen: 0.379 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BE097281.D
 Acq: 15 Aug 2018 16:29

Instrument :
 BNA_E
 ClientSampleId :
 PB112028BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	36.9	25.4	38.0
122	11.4	8.1	12.1

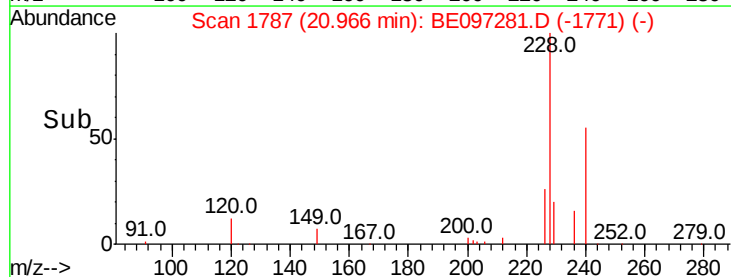
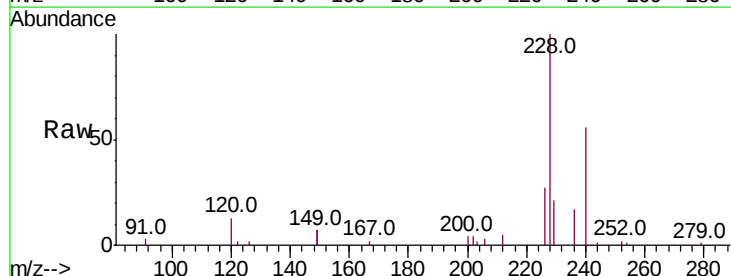
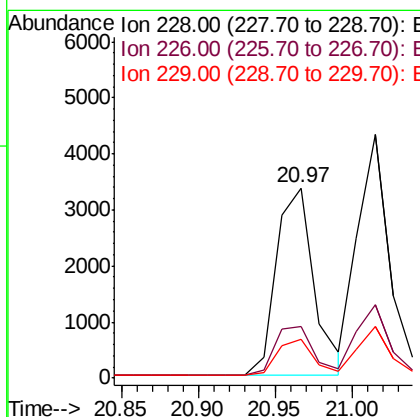
Manual Integrations
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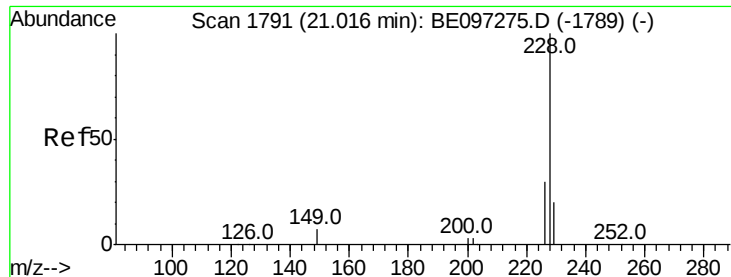
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#30
 Benzo(a)anthracene
 Concen: 0.404 ng
 RT: 20.97 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BE097281.D
 Acq: 15 Aug 2018 16:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	24.0	36.0
229	20.6	16.0	24.0





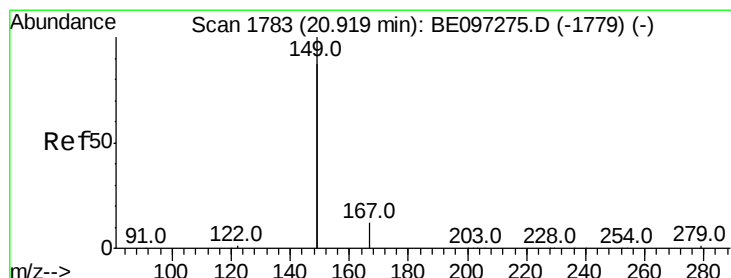
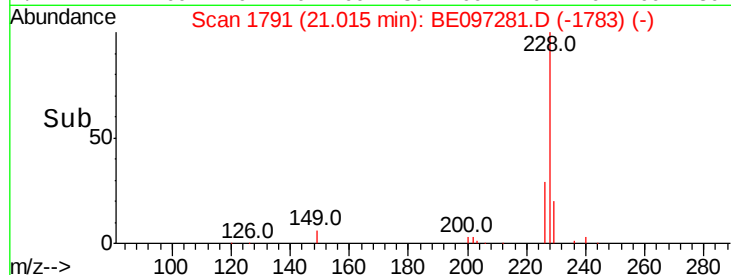
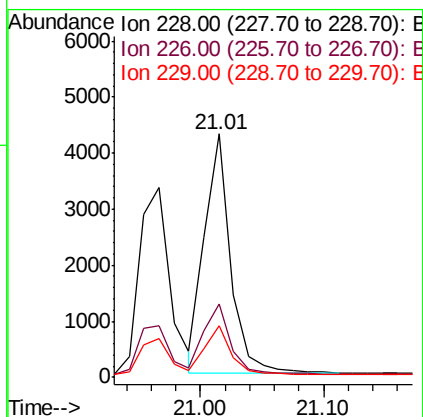
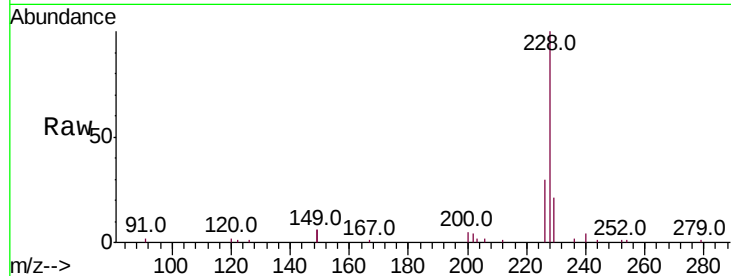
#31
Chrysene
Concen: 0.430 ng
RT: 21.01 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	21.0	16.0	24.0

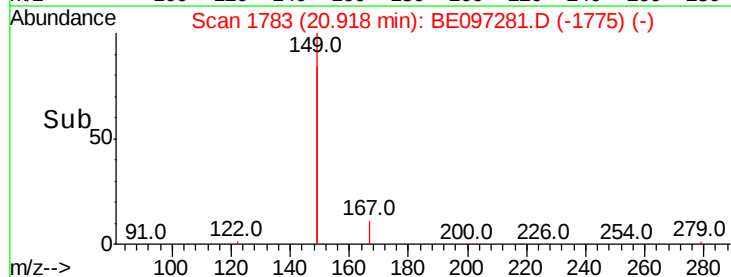
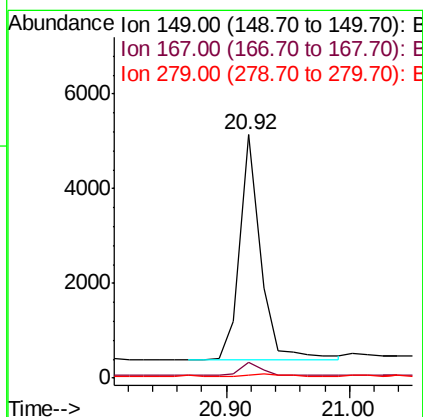
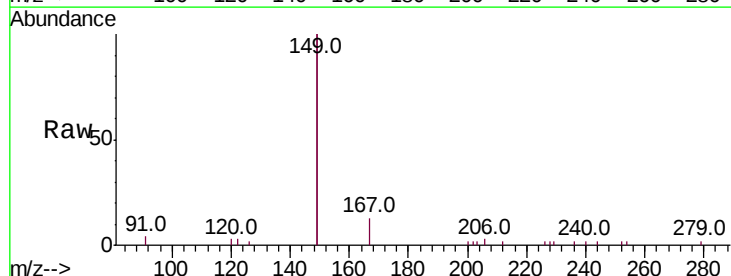
Manual Integrations
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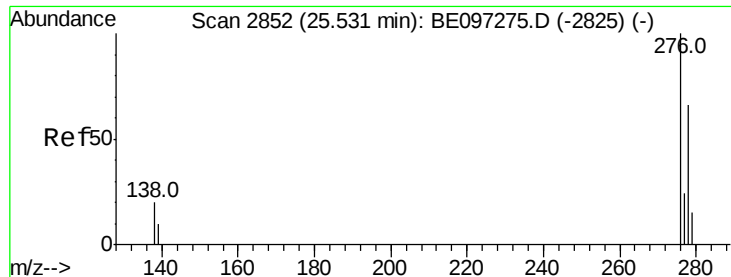
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.304 ng
RT: 20.92 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	5.8	5.4	8.0
279	1.0	0.7	1.1





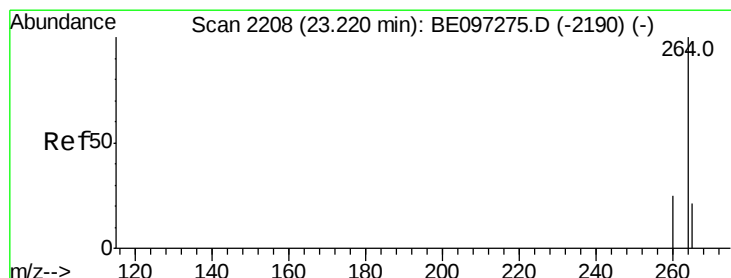
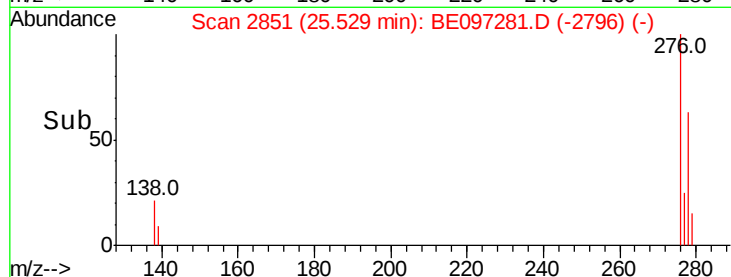
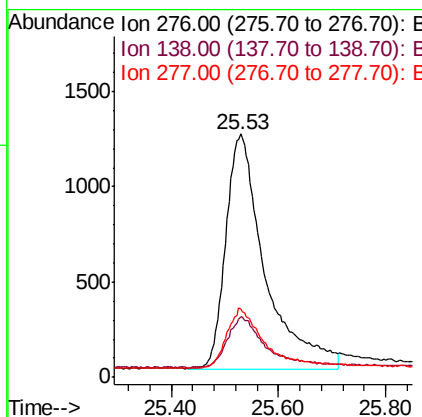
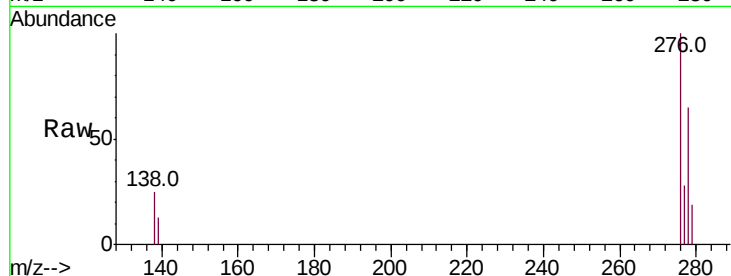
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.401 ng
 RT: 25.53 min Scan# 2851
 Delta R.T. -0.00 min
 Lab File: BE097281.D
 Acq: 15 Aug 2018 16:29

Instrument :
 BNA_E
 ClientSampleId :
 PB112028BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	22.5	33.7#
277	23.7	19.9	29.9

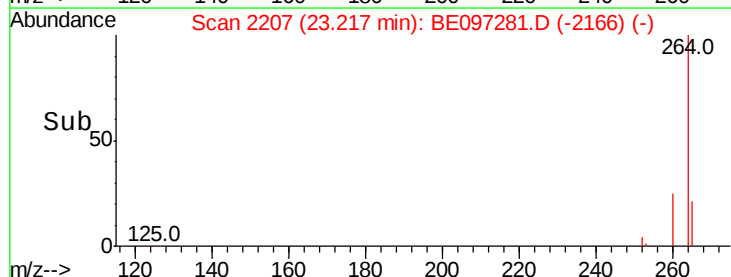
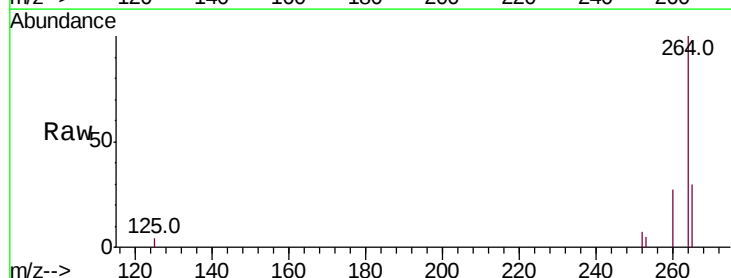
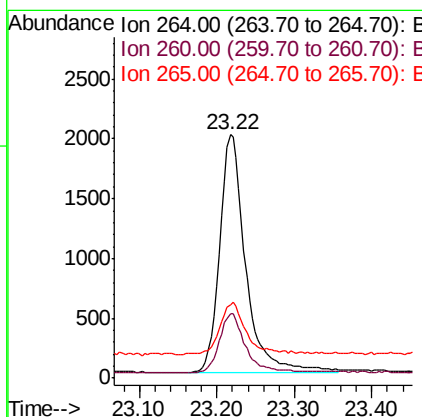
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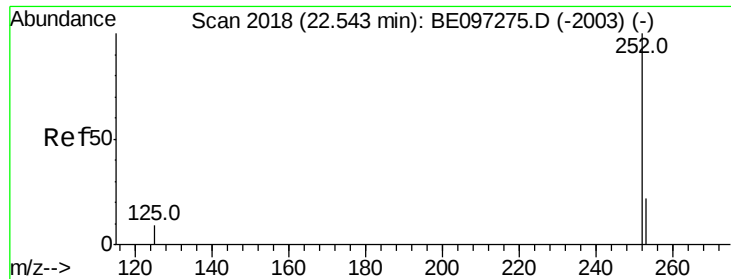
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE097281.D
 Acq: 15 Aug 2018 16:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.5	30.7
265	30.3	22.8	34.2





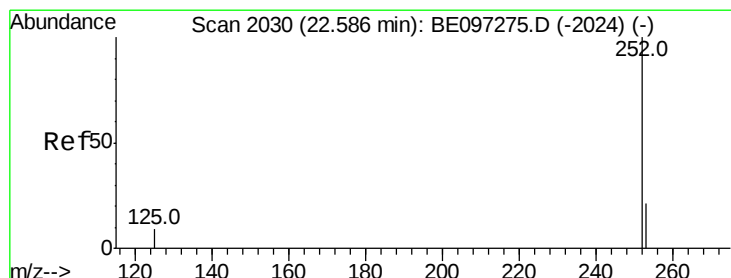
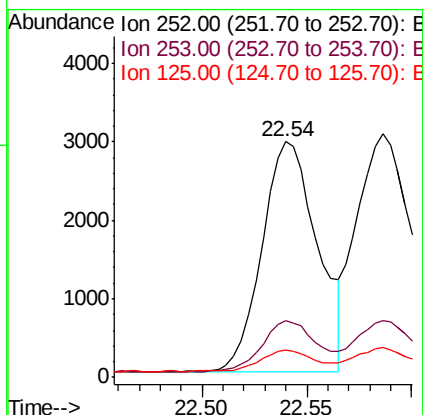
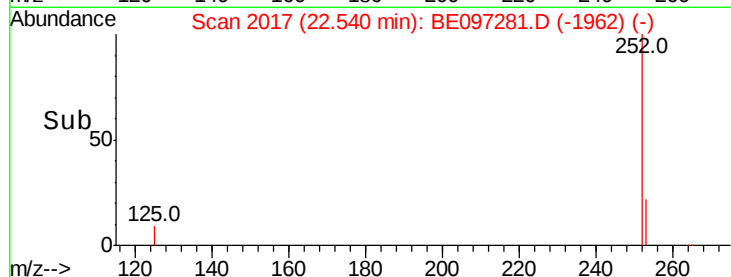
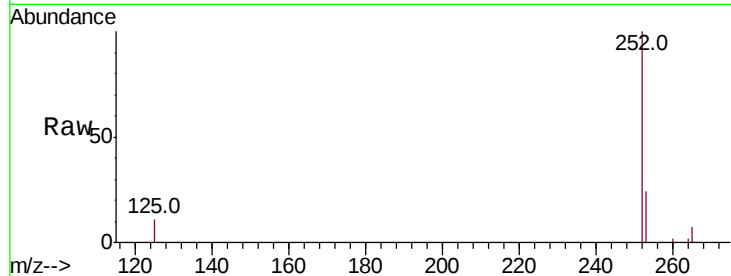
#35
Benzo(b)fluoranthene
Concen: 0.473 ng
RT: 22.54 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.0	30.0
125	11.3	16.0	24.0

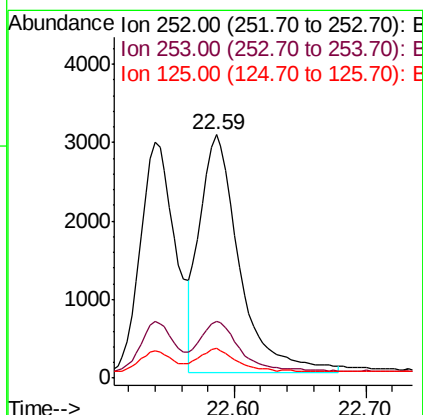
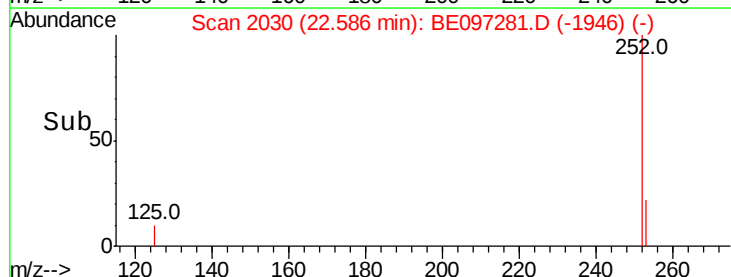
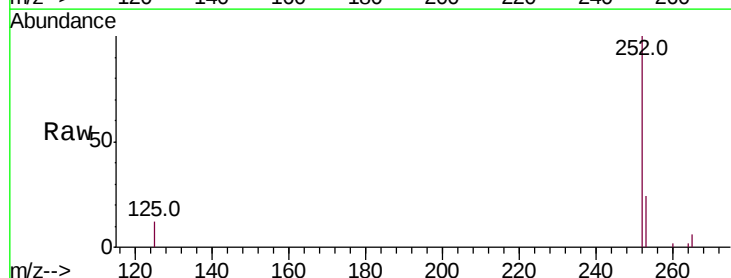
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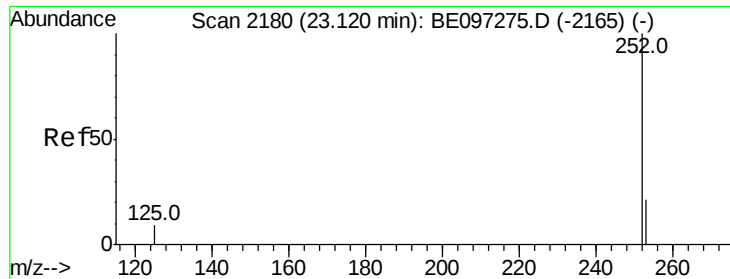
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#36
Benzo(k)fluoranthene
Concen: 0.461 ng m
RT: 22.59 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.0	24.0
125	12.2	8.0	12.0





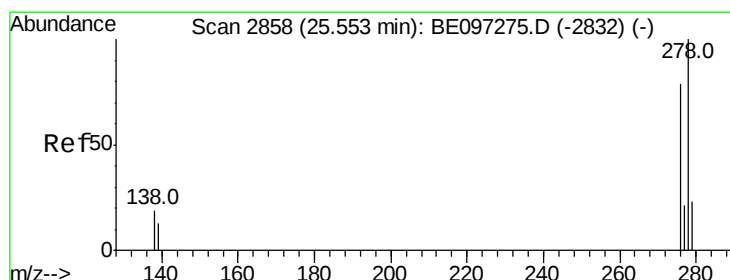
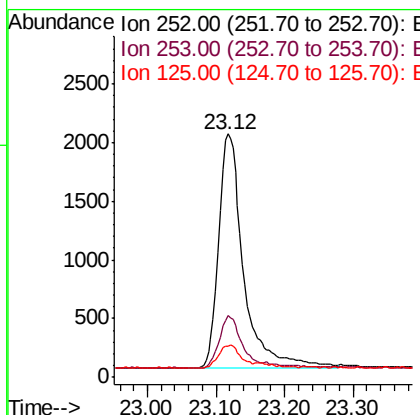
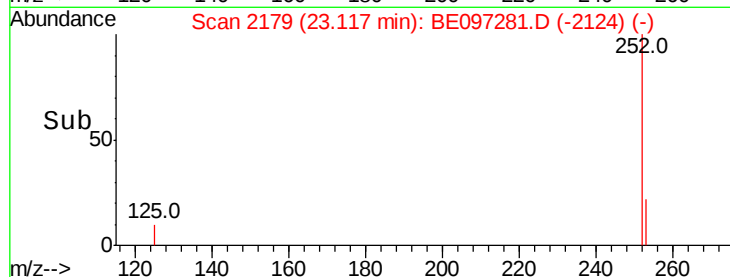
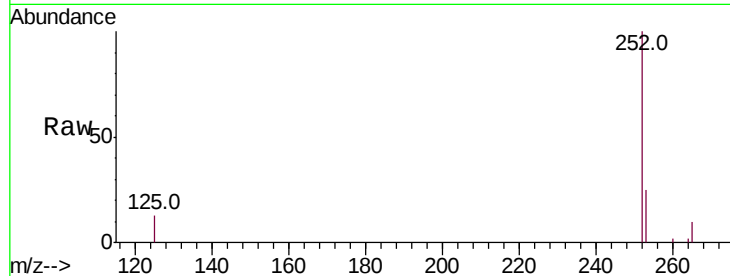
#37
Benzo(a)pyrene
Concen: 0.441 ng
RT: 23.12 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	16.0	24.0
125	13.0	12.0	18.0

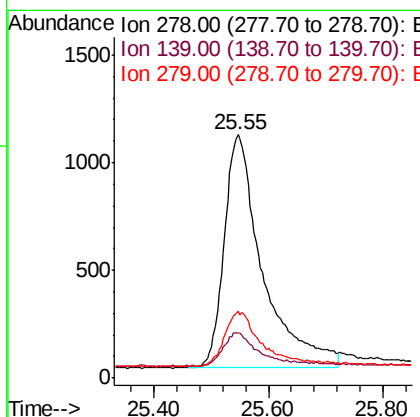
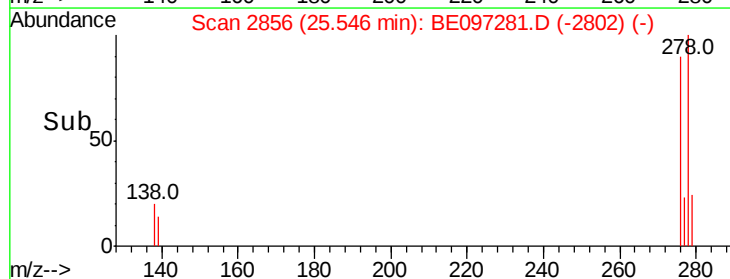
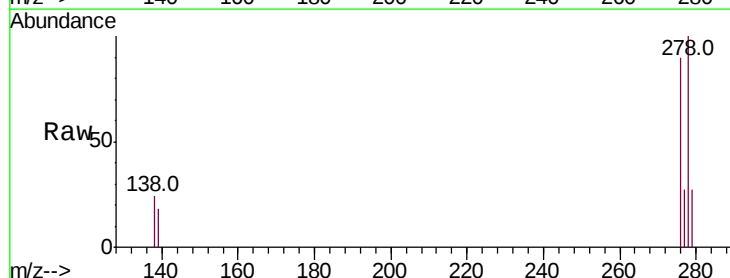
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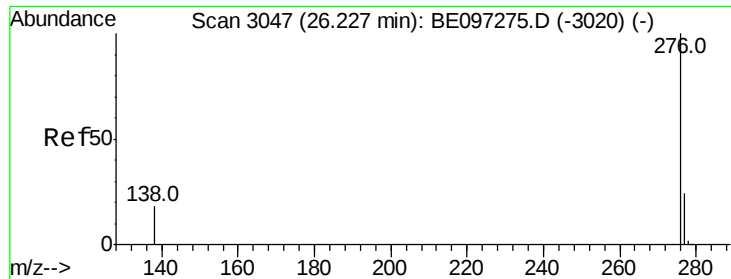
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#38
Dibenzo(a,h)anthracene
Concen: 0.445 ng
RT: 25.55 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	16.0	24.0
279	27.4	20.0	30.0





#39

Benzo(a,h,i)perylene

Concen: 0.451 ng

RT: 26.22 min Scan# 3045

Delta R.T. -0.01 min

Lab File: BE097281.D

Acq: 15 Aug 2018 16:29

Instrument :

BNA_E

ClientSampleId :

PB112028BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.4	16.0	24.0
138	21.8	20.0	30.0

Manual Integrations
APPROVED

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