

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100418\
 Data File : BE097741.D
 Acq On : 5 Oct 2018 00:46
 Operator : SJ/JU
 Sample : J5189-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D1-20180927

Manual Integrations
 APPROVED

Sohil
 10/5/2018 5:24:13 PM

Quant Time: Oct 05 08:16:56 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 03 12:17:19 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3168	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	12552	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	6868	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	19791	0.40	ng	0.00
27) Chrysene-d12	21.49	240	27444	0.40	ng	0.00
34) Perylene-d12	24.04	264	26554	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.47	112	1546	0.21	ng	0.00
5) Phenol-d6	7.04	99	1186	0.10	ng	0.00
8) Nitrobenzene-d5	9.04	82	2901	0.71	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	7635	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	643	0.52	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	19518	0.65	ng	-0.02
25) Fluoranthene-d10	19.33	212	111661	0.45	ng	0.00
29) Terphenyl-d14	19.93	244	26477	0.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	43123	6.831	ng	97
9) Naphthalene	10.74	128	6270	0.050	ng	# 96
12) 2-Methylnaphthalene	12.37	142	985	0.049	ng	# 93
18) Fluorene	15.60	166	601	0.023	ng	# 96
23) Phenanthrene	17.34	178	1335	0.026	ng	# 91
26) Fluoranthene	19.36	202	2104	0.032	ng	# 96
28) Pyrene	19.72	202	2373	0.034	ng	# 98
30) Benzo(a)anthracene	21.46	228	2707	0.037	ng	# 91
31) Chrysene	21.52	228	3437	0.042	ng	99
32) Bis(2-ethylhexyl)phthalate	21.41	149	5020	0.093	ng	99
35) Benzo(b)fluoranthene	23.26	252	2001	0.027	ng	# 76
36) Benzo(k)fluoranthene	23.31	252	2104m	0.026	ng	

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

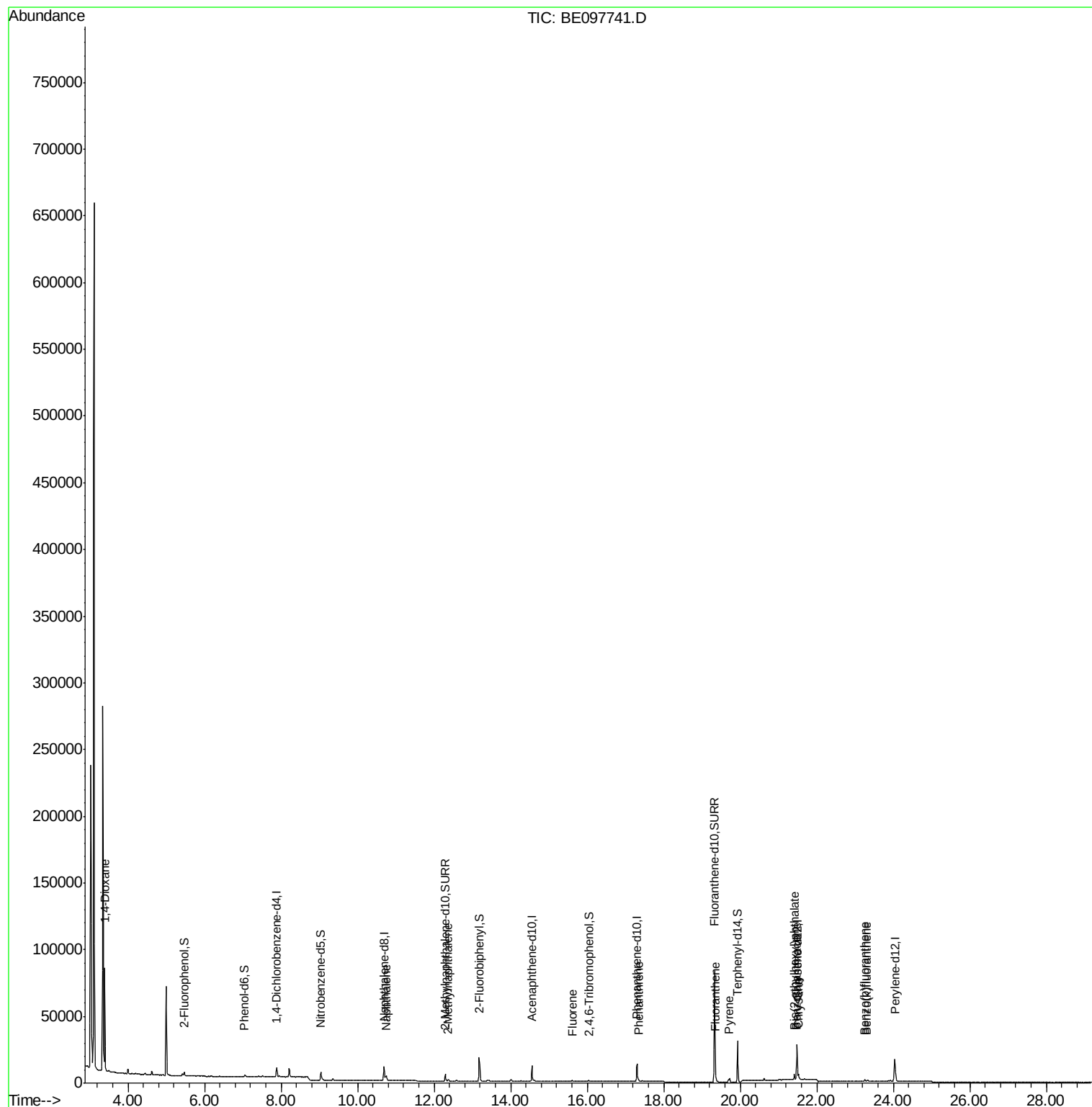
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100418\
Data File : BE097741.D
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Sample : J5189-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

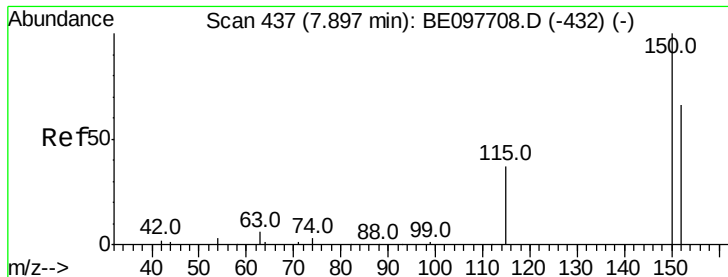
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. -0.01 min

Lab File: BE097741.D

Acq: 5 Oct 2018 00:46

Instrument :

BNA_E

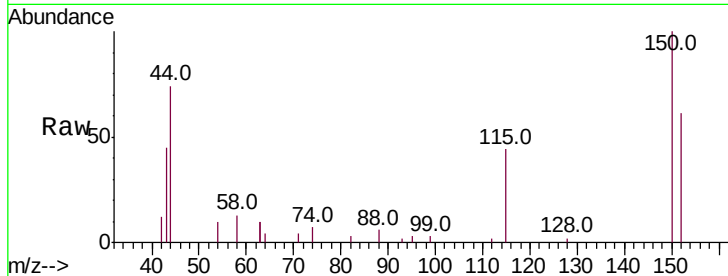
ClientSampleId :

RE-131D1-20180927

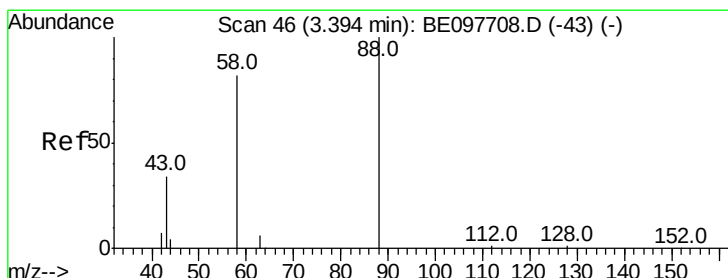
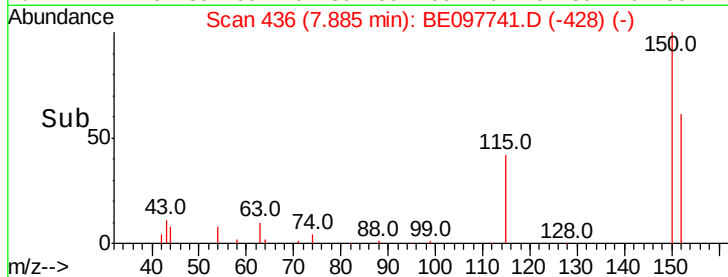
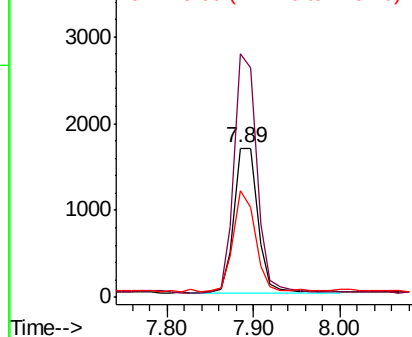
Tot Ion:	152	Resp:	3168
Ion Ratio	Lower	Upper	
152	100		
150	163.5	120.9	181.3
115	71.5	46.6	69.8

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



#2

1,4-Dioxane

Concen: 6.831 ng

RT: 3.39 min Scan# 46

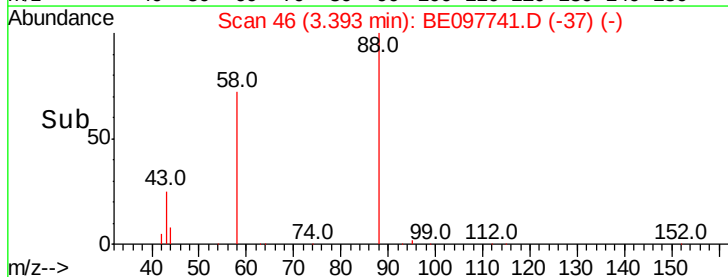
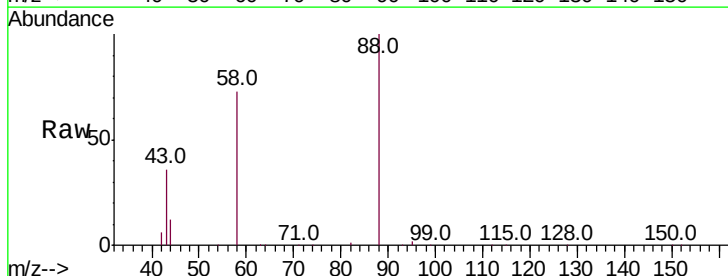
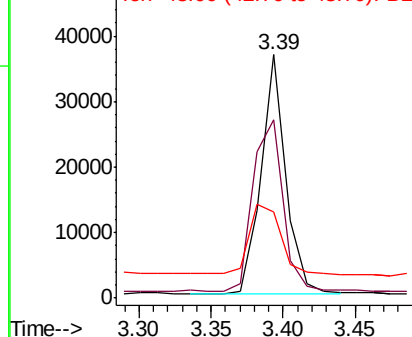
Delta R.T. -0.00 min

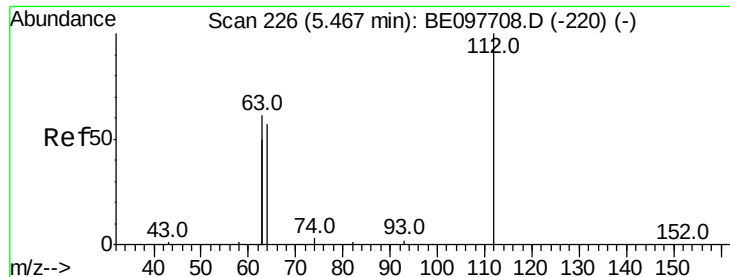
Lab File: BE097741.D

Acq: 5 Oct 2018 00:46

Tgt Ion:	88	Resp:	43123
Ion Ratio	Lower	Upper	
88	100		
58	86.6	70.8	106.2
43	38.1	33.3	49.9

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





#4

2-Fluorophenol

Concen: 0.206 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097741.D

Acq: 5 Oct 2018 00:46

Instrument :

BNA_E

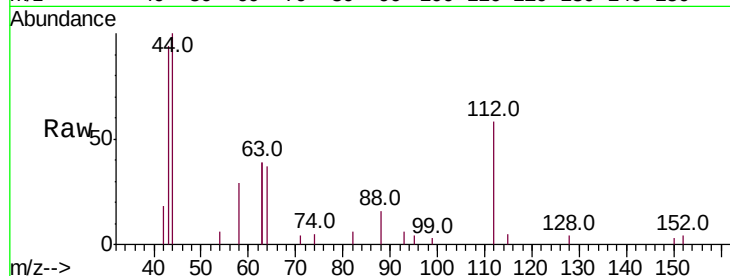
ClientSampleId :

RE-131D1-20180927

Tot Ion:	112	Resp:	1546
Ion	Ratio	Lower	Upper
112	100		
64	67.1	56.6	84.8
63	136.9	119.4	179.0

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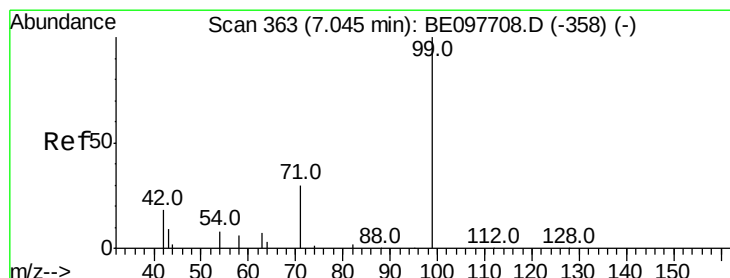
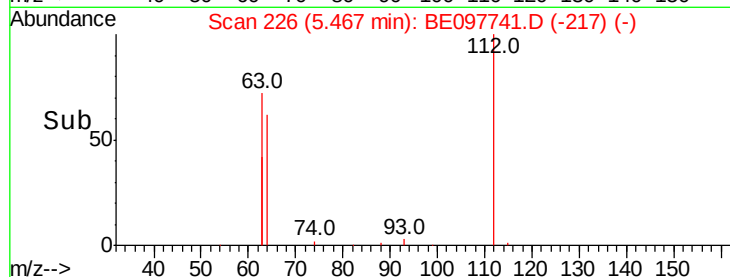


Abundance Ion 112.00 (111.70 to 112.70): BE097741.D (-217) (-)

Ion 64.00 (63.70 to 64.70): BE097741.D (-217) (-)

Ion 63.00 (62.70 to 63.70): BE097741.D (-217) (-)

Time-->



#5

Phenol-d6

Concen: 0.103 ng

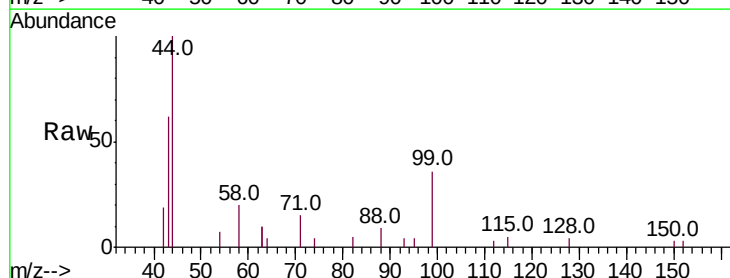
RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097741.D

Acq: 5 Oct 2018 00:46

Tgt Ion:	99	Resp:	1186
Ion	Ratio	Lower	Upper
99	100		
42	41.6	19.9	29.9#
71	37.4	25.4	38.2

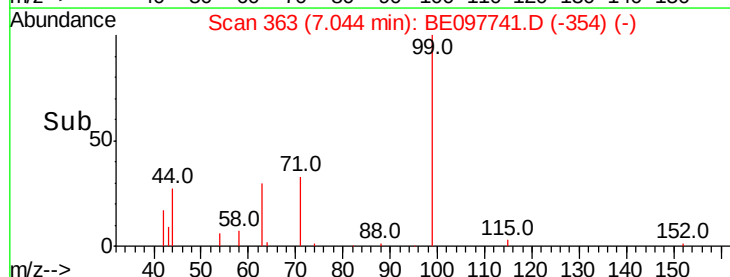


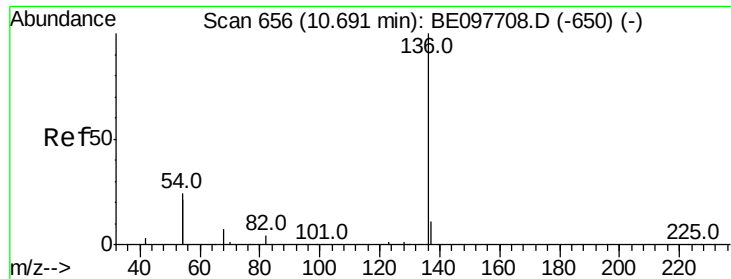
Abundance Ion 99.00 (98.70 to 99.70): BE097741.D (-354) (-)

Ion 42.00 (41.70 to 42.70): BE097741.D (-354) (-)

Ion 71.00 (70.70 to 71.70): BE097741.D (-354) (-)

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097741.D

Acq: 5 Oct 2018 00:46

Instrument :

BNA_E

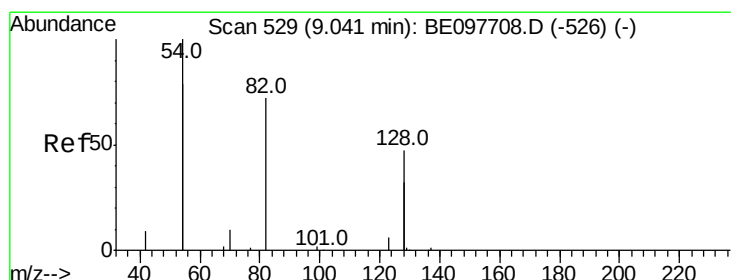
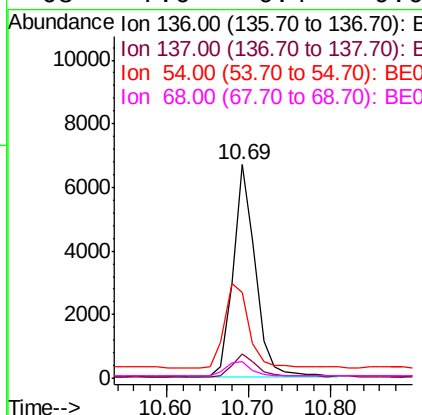
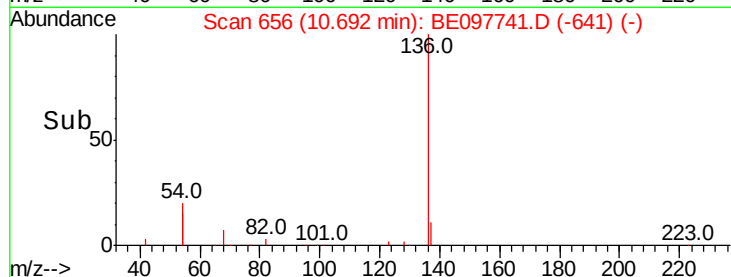
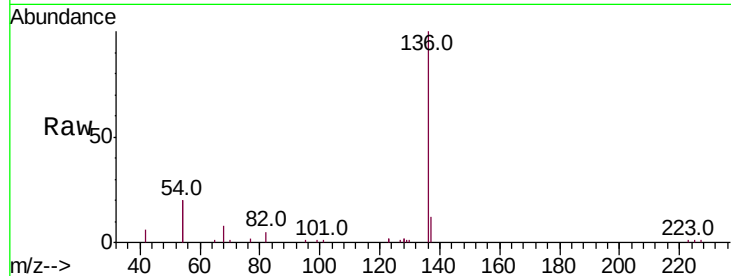
ClientSampleId :

RE-131D1-20180927

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	40.0	37.8	56.6
68	7.6	6.4	9.6

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#8

Nitrobenzene-d5

Concen: 0.712 ng

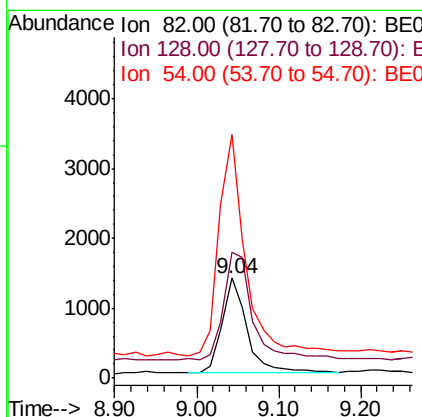
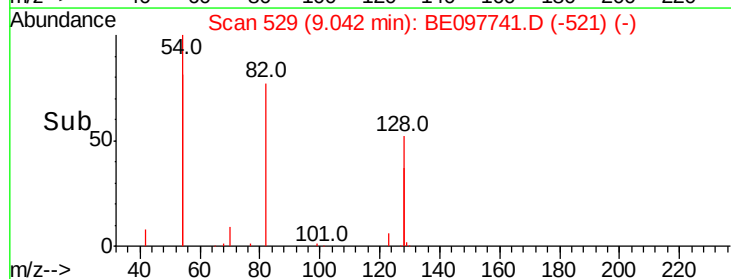
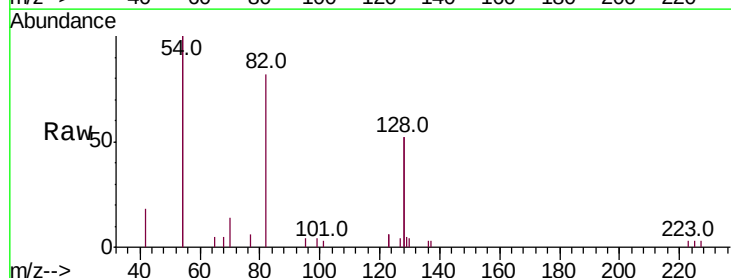
RT: 9.04 min Scan# 529

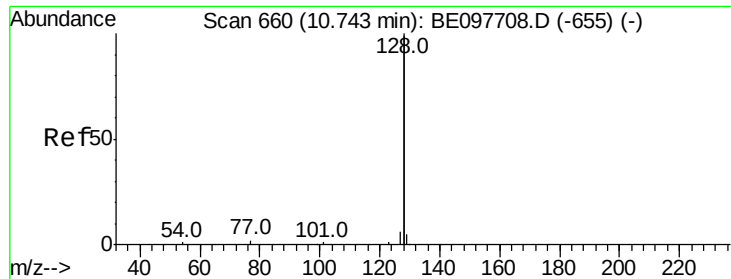
Delta R.T. 0.00 min

Lab File: BE097741.D

Acq: 5 Oct 2018 00:46

Tgt Ion	Ratio	Lower	Upper
82	100		
128	126.4	97.0	145.4
54	243.9	206.9	310.3





#9

Naphthalene

Concen: 0.050 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097741.D

Acq: 5 Oct 2018 00:46

Instrument :

BNA_E

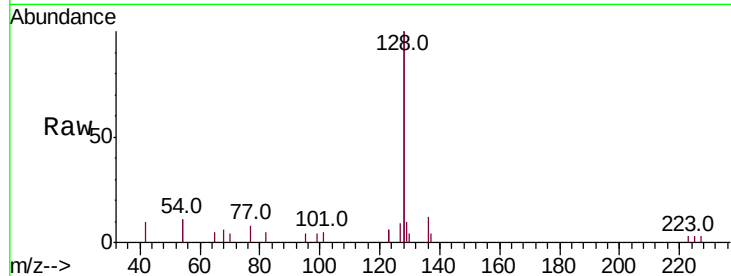
ClientSampleId :

RE-131D1-20180927

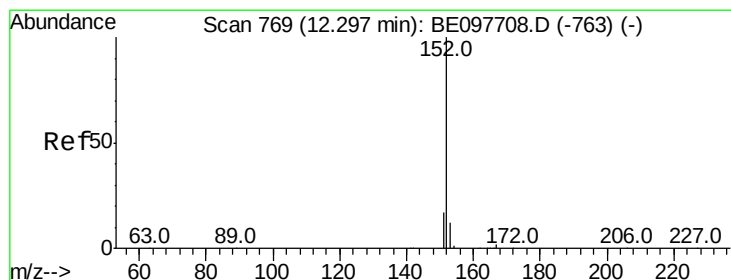
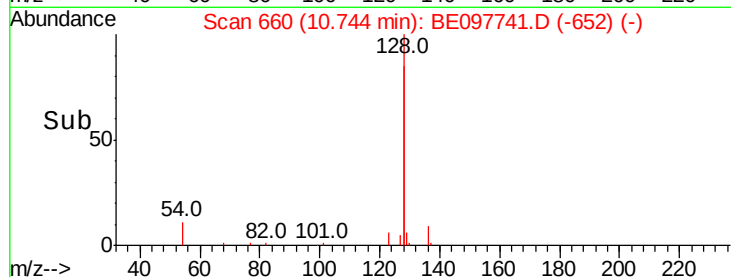
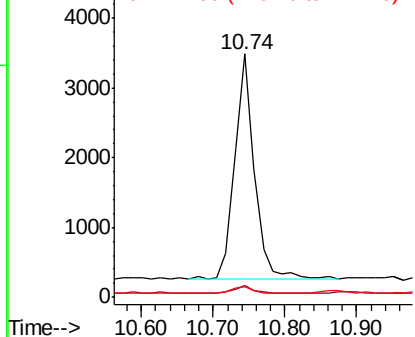
Tot Ion:	128	Resp:	6270
Ion Ratio	Lower	Upper	
128	100		
129	4.8	2.2	3.2#
127	4.4	2.7	4.1#

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



#11

2-Methylnaphthalene-d10

Concen: 0.382 ng

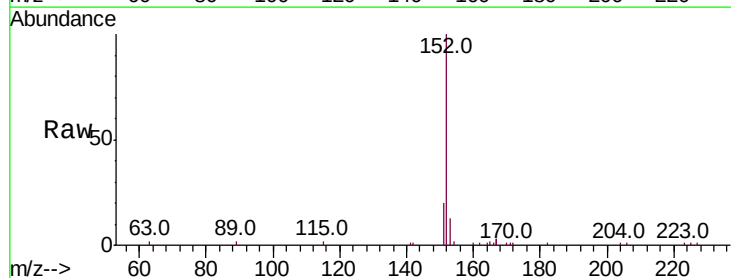
RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

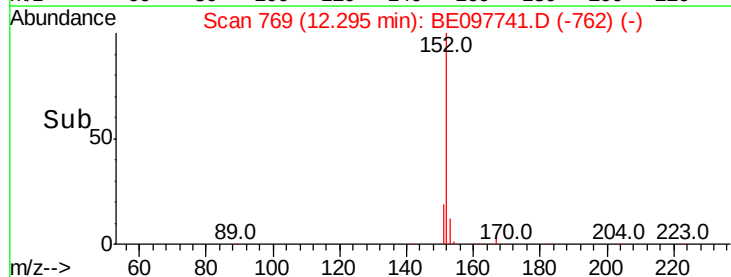
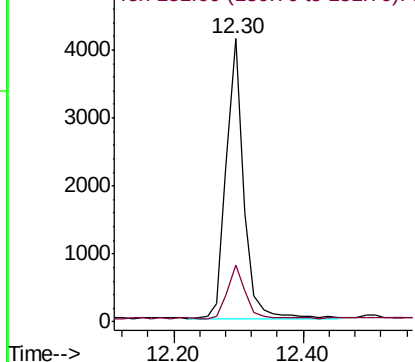
Lab File: BE097741.D

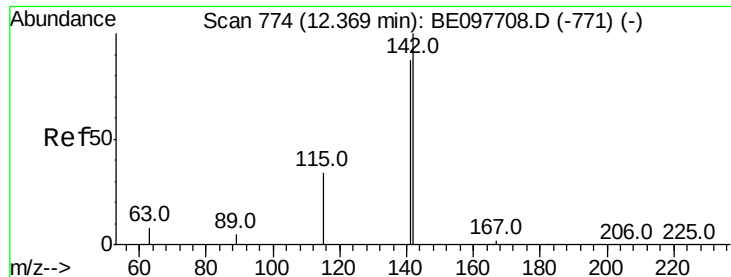
Acq: 5 Oct 2018 00:46

Tgt Ion:	152	Resp:	7635
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.4	23.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





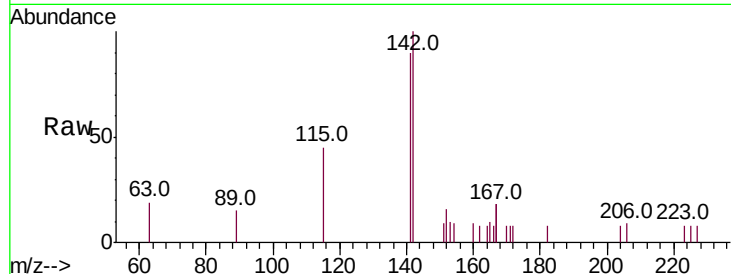
#12
2-Methylnaphthalene
Concen: 0.049 ng
RT: 12.37 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	69.4	104.2
115	45.1	28.0	42.0

Manual Integrations
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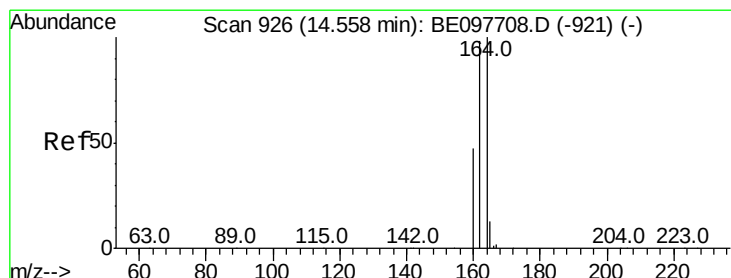
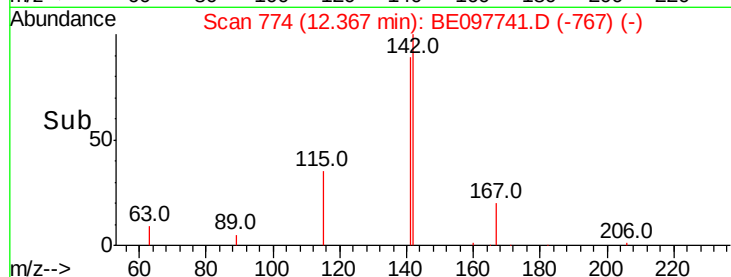
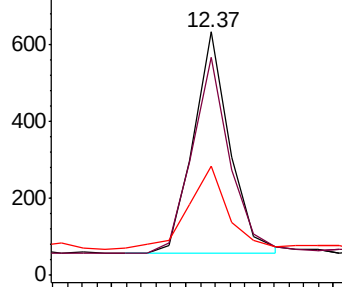


Abundance

Ion 142.00 (141.70 to 142.70): E

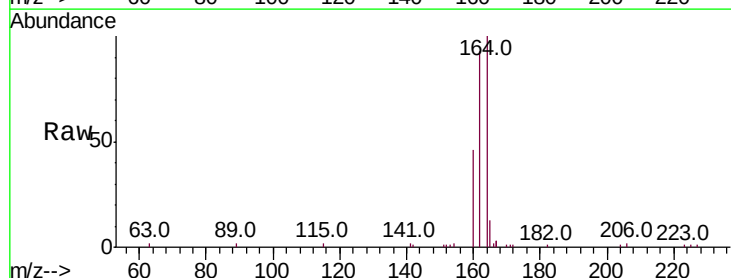
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	92.9	78.6	117.8
160	45.6	37.8	56.6

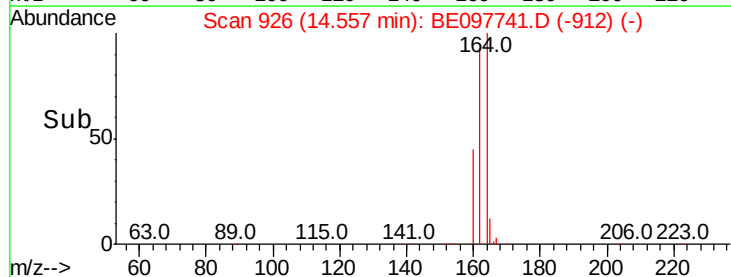
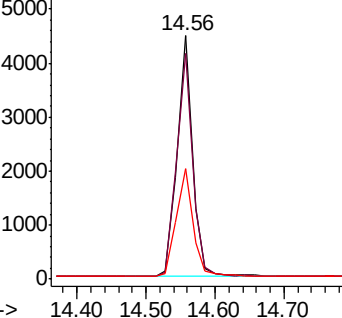


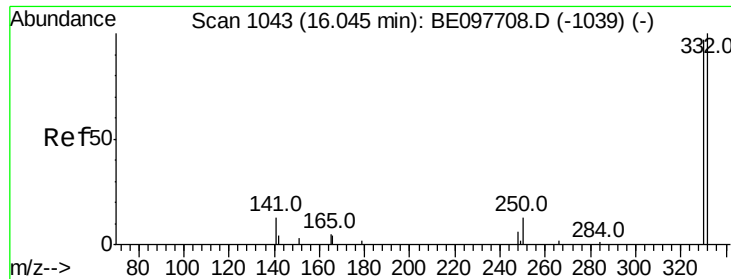
Abundance

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: 0.517 ng

RT: 16.04 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BE097741.D

Acq: 5 Oct 2018 00:46

Instrument :

BNA_E

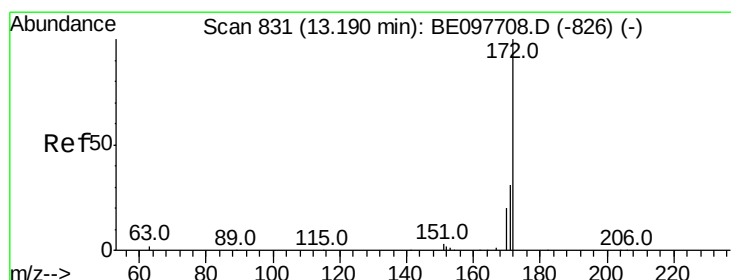
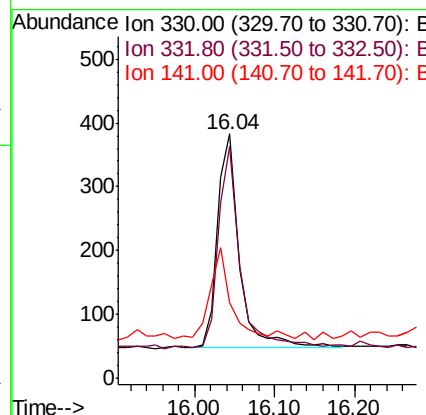
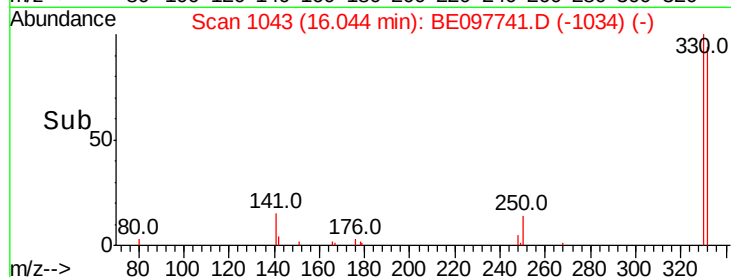
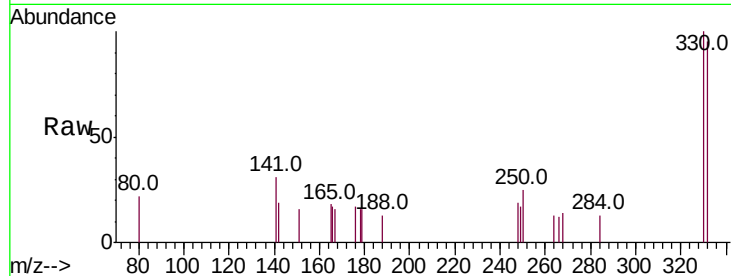
ClientSampleId :

RE-131D1-20180927

Tot Ion:	330	Resp:	643
Ion	Ratio	Lower	Upper
330	100		
332	94.9	83.5	125.3
141	39.0	34.9	52.3

Manual Integrations
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#15

2-Fluorobiphenyl

Concen: 0.645 ng

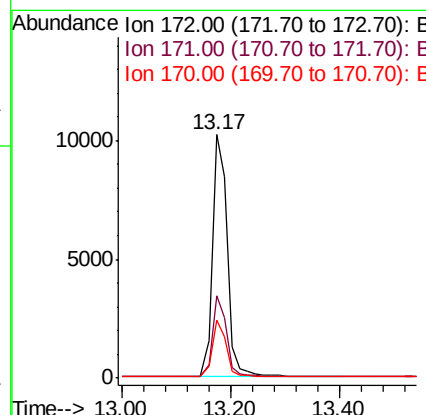
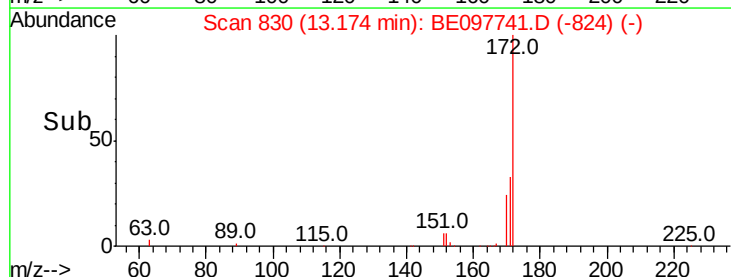
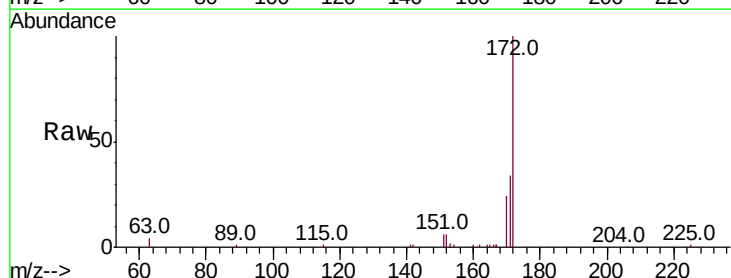
RT: 13.17 min Scan# 830

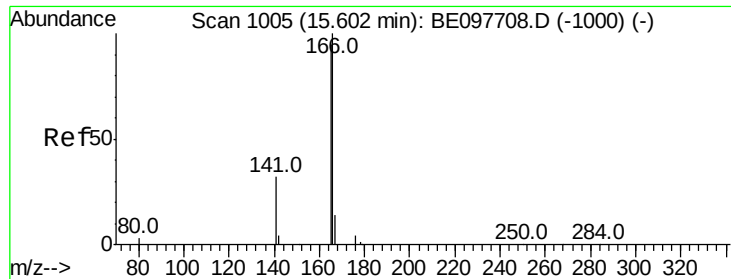
Delta R.T. -0.02 min

Lab File: BE097741.D

Acq: 5 Oct 2018 00:46

Tgt Ion:	172	Resp:	19518
Ion	Ratio	Lower	Upper
172	100		
171	33.8	25.2	37.8
170	24.0	16.2	24.2





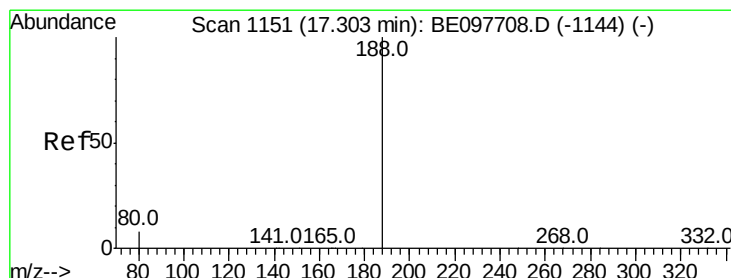
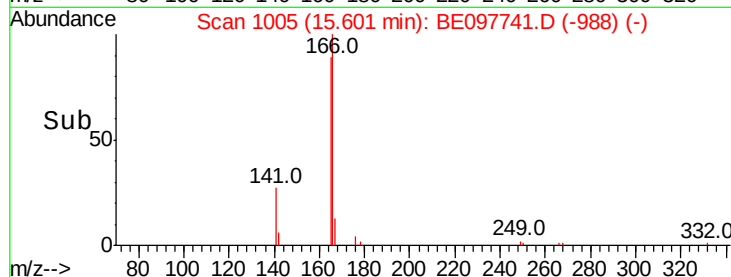
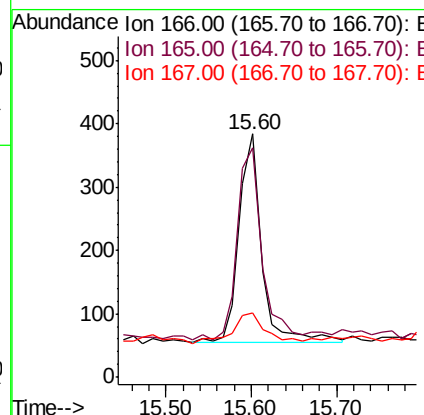
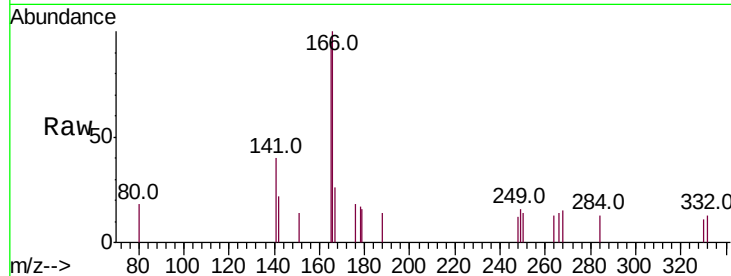
#18
Fluorene
Concen: 0.023 ng
RT: 15.60 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.0	118.4
167	23.0	11.1	16.7#

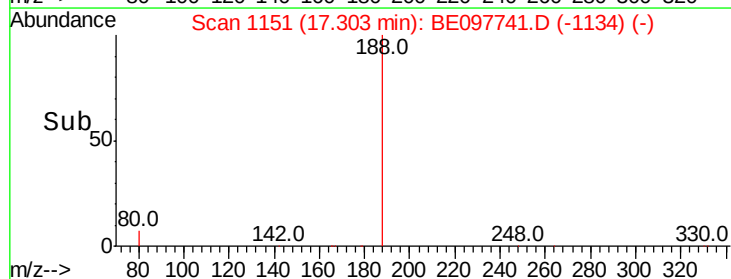
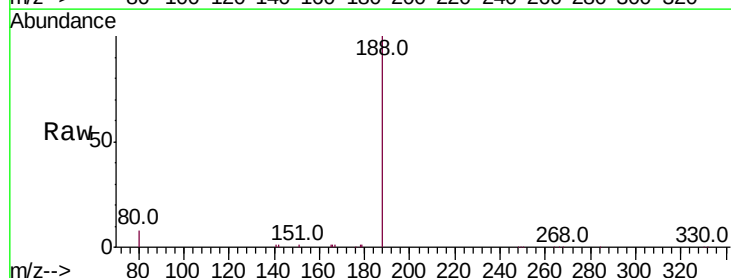
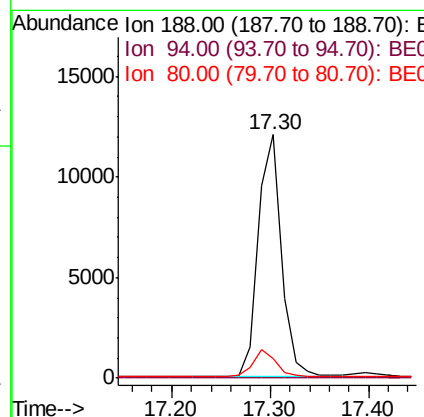
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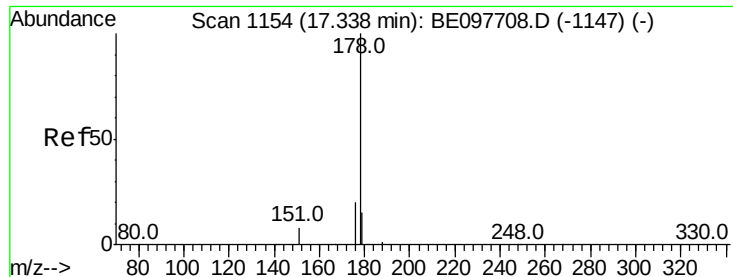
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	6.6	9.8





#23

Phenanthrene

Concen: 0.026 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097741.D

Acq: 5 Oct 2018 00:46

Instrument :

BNA_E

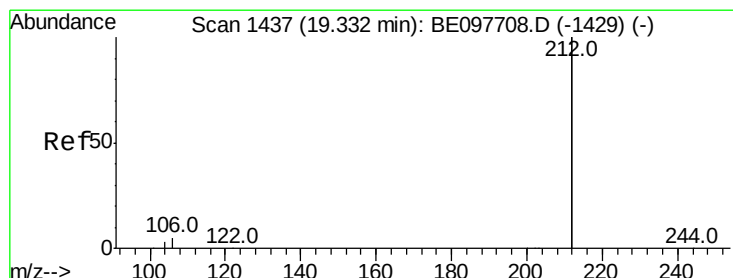
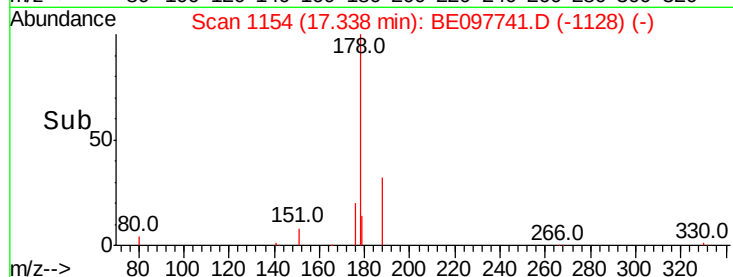
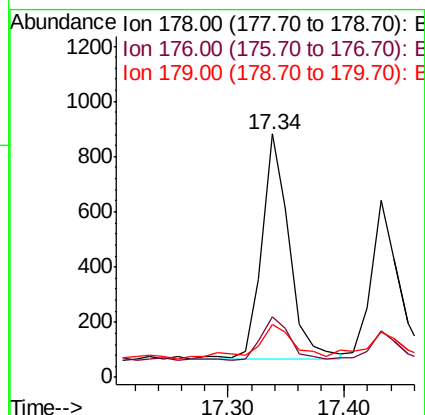
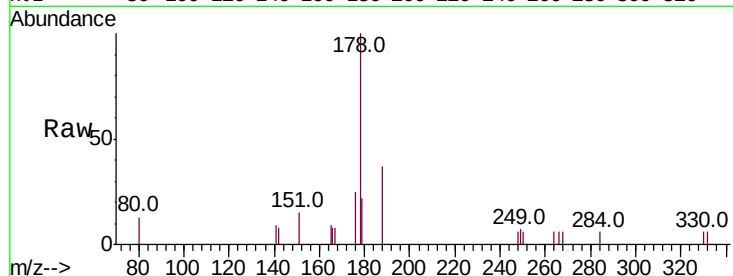
ClientSampleId :

RE-131D1-20180927

Tot Ion:	178	Resp:	1335
Ion Ratio	Lower	Upper	
178	100		
176	21.5	15.4	23.2
179	21.0	12.2	18.4

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#25

Fluoranthene-d10

Concen: 0.446 ng

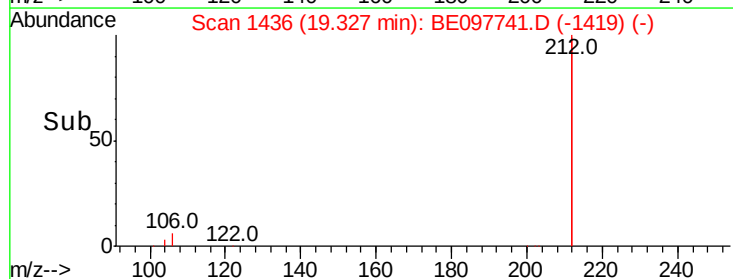
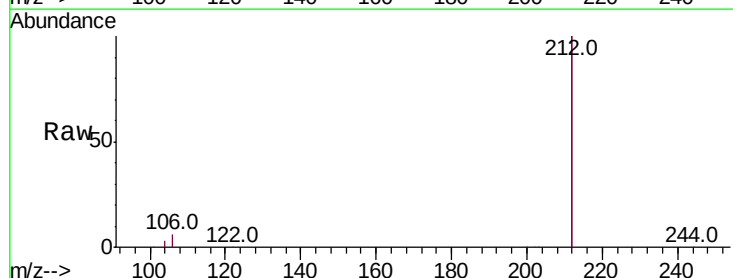
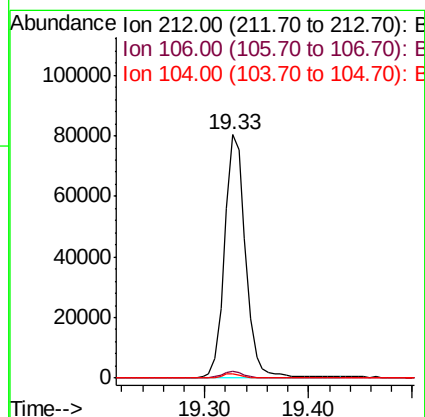
RT: 19.33 min Scan# 1436

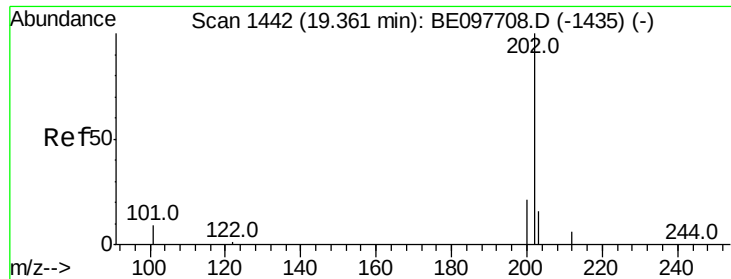
Delta R.T. -0.01 min

Lab File: BE097741.D

Acq: 5 Oct 2018 00:46

Tgt Ion:	212	Resp:	111661
Ion Ratio	Lower	Upper	
212	100		
106	2.7	2.2	3.2
104	1.6	1.2	1.8





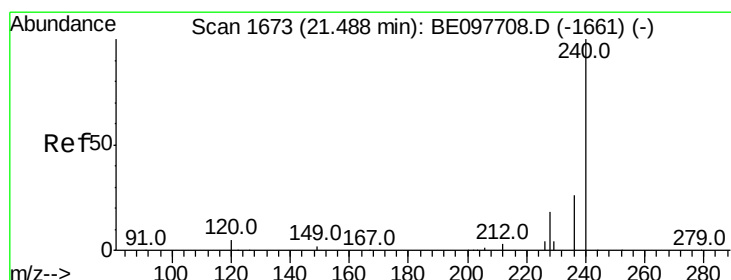
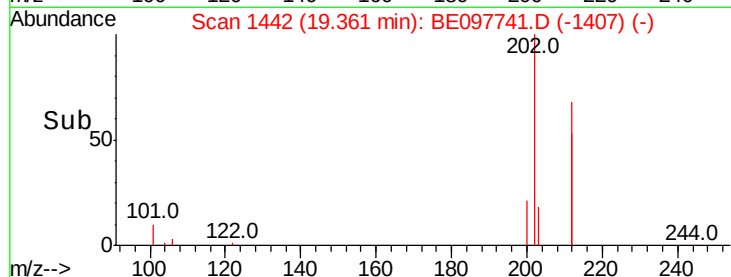
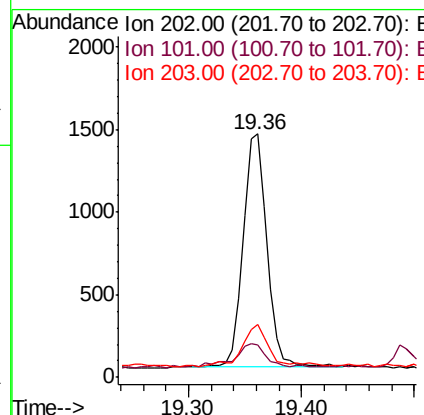
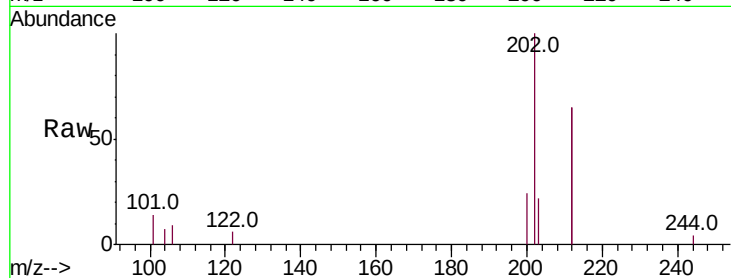
#26
 Fluoranthene
 Concen: 0.032 ng
 RT: 19.36 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BE097741.D
 Acq: 5 Oct 2018 00:46

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D1-20180927

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	7.8	11.8#
203	18.2	13.8	20.6

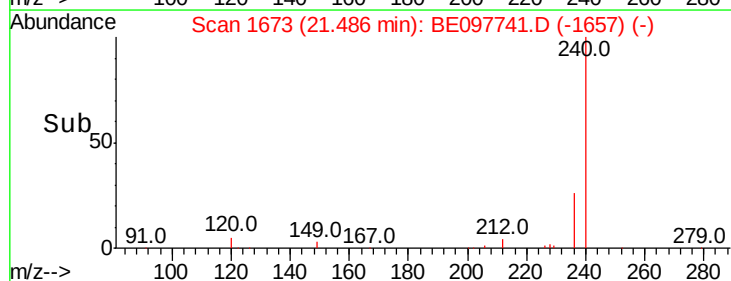
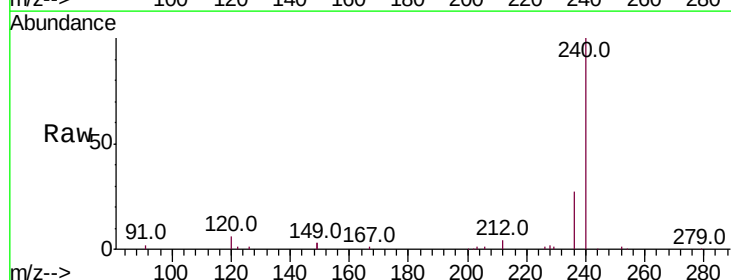
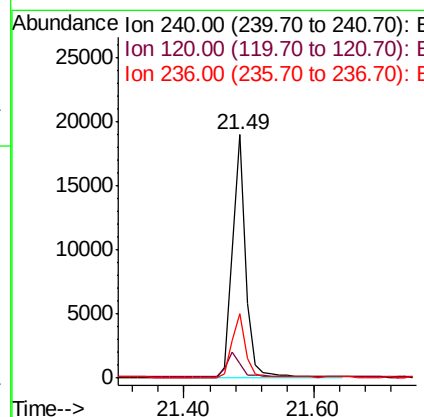
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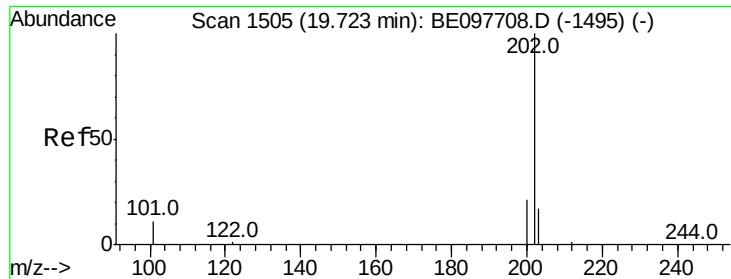
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#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.49 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BE097741.D
 Acq: 5 Oct 2018 00:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.7	7.1
236	26.6	20.8	31.2





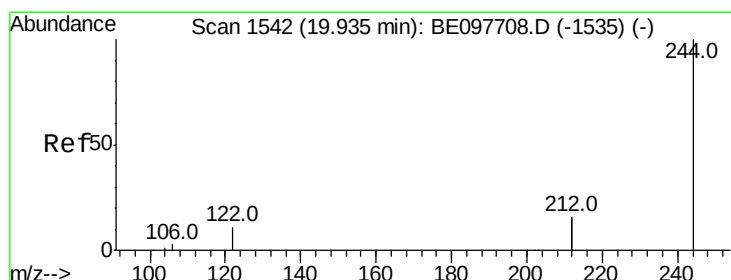
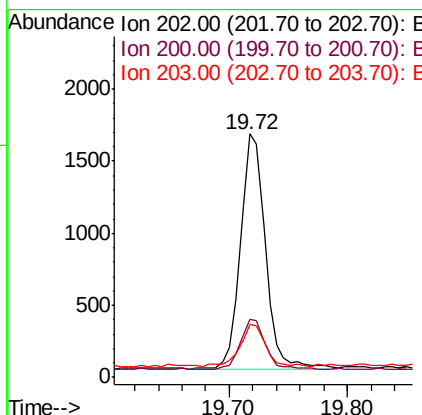
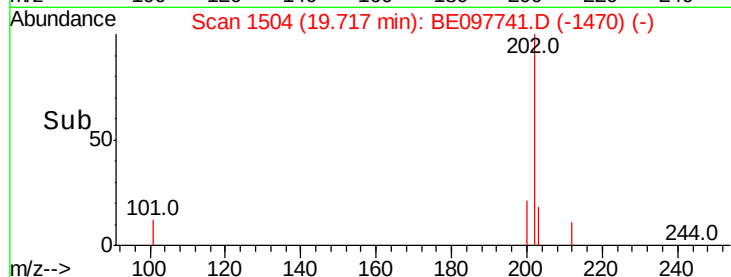
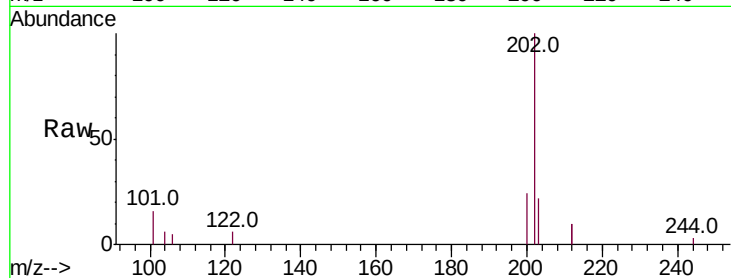
#28
Pvrene
Concen: 0.034 ng
RT: 19.72 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	18.7	13.9	20.9

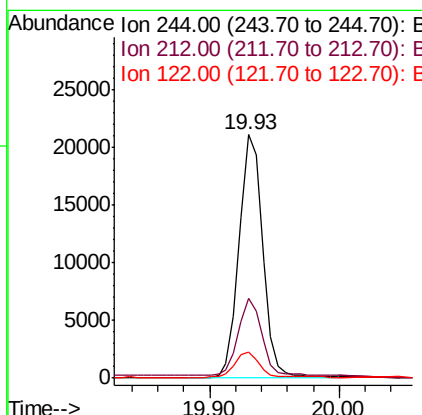
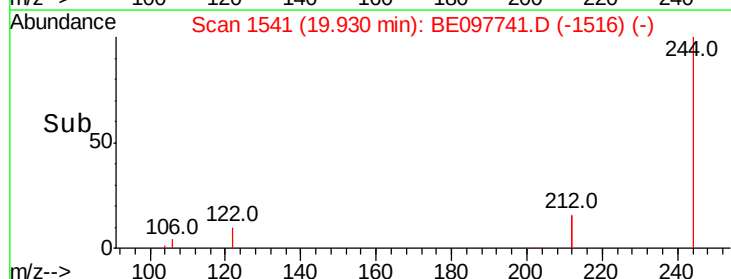
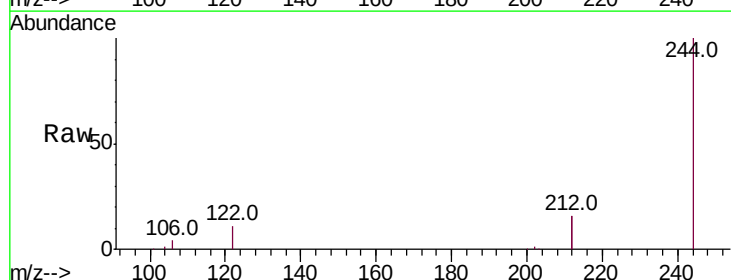
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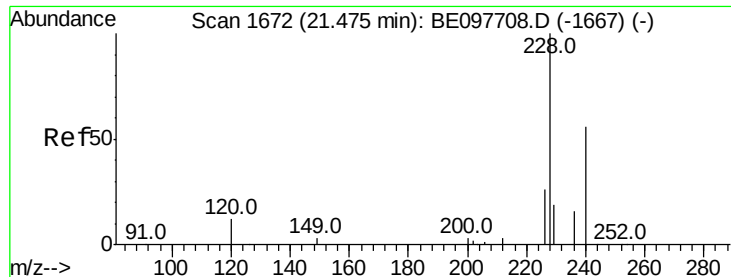
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#29
Terphenyl-d14
Concen: 0.473 ng
RT: 19.93 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	32.6	25.8	38.8
122	10.7	8.7	13.1





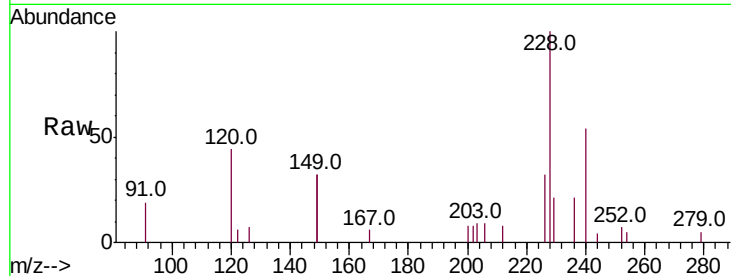
#30
Benzo(a)anthracene
Concen: 0.037 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

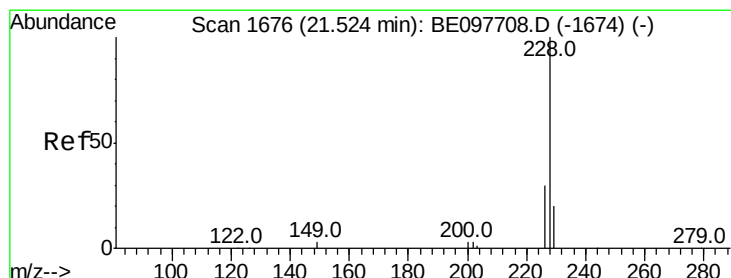
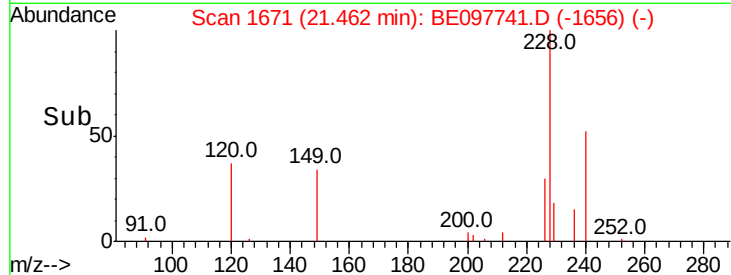
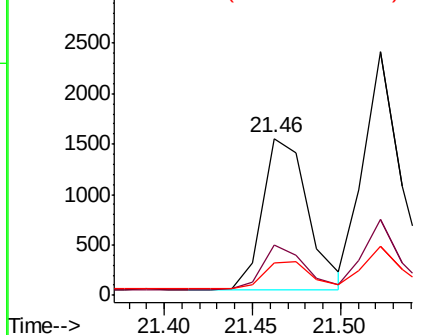
Tot Ion:228 Resp: 2707
Ion Ratio Lower Upper
228 100
226 32.4 20.7 31.1#
229 21.0 15.7 23.5

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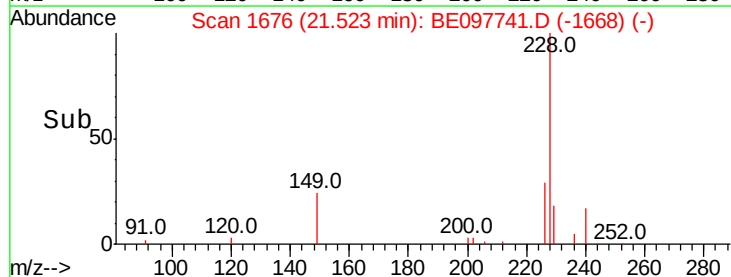
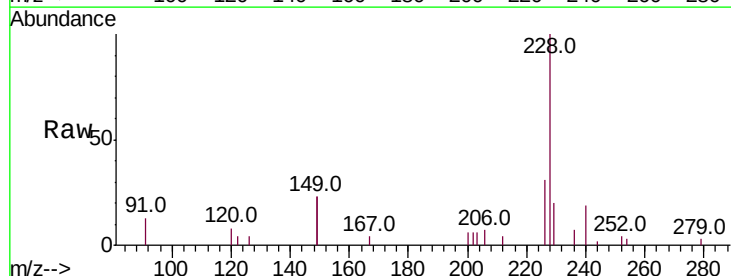
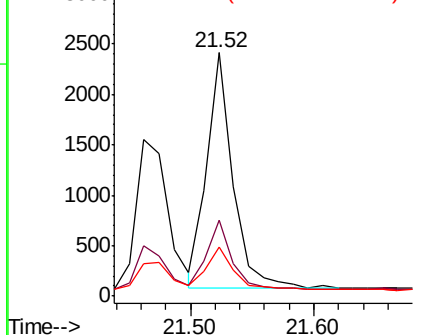
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

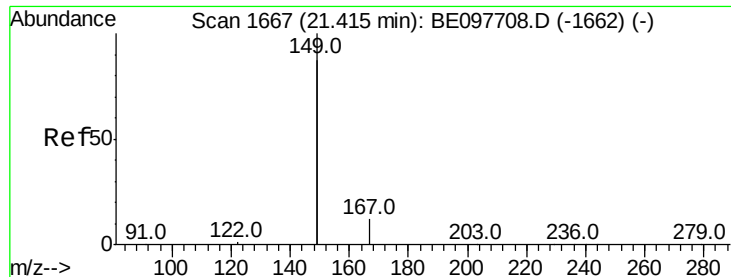


#31
Chrysene
Concen: 0.042 ng
RT: 21.52 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Tgt Ion:228 Resp: 3437
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 20.1 16.0 24.0

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: 0.093 ng

RT: 21.41 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BE097741.D

Acq: 5 Oct 2018 00:46

Instrument :

BNA_E

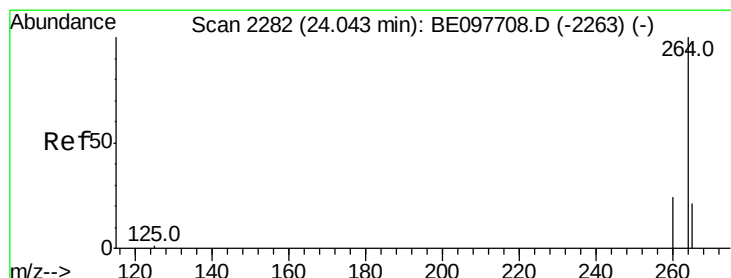
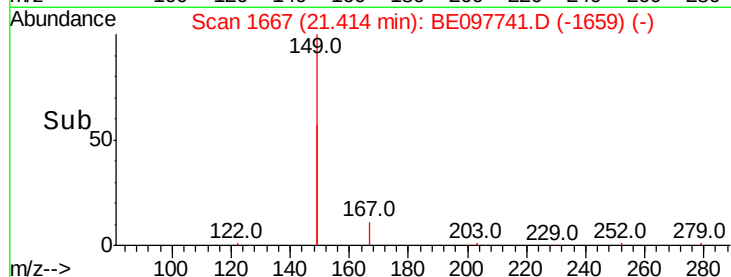
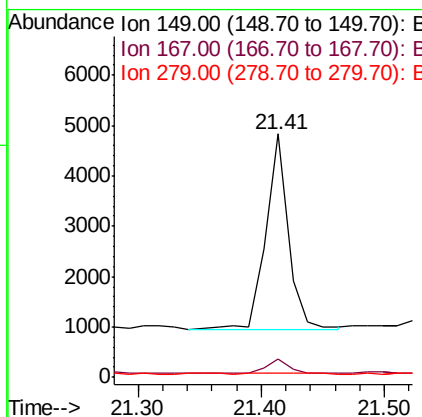
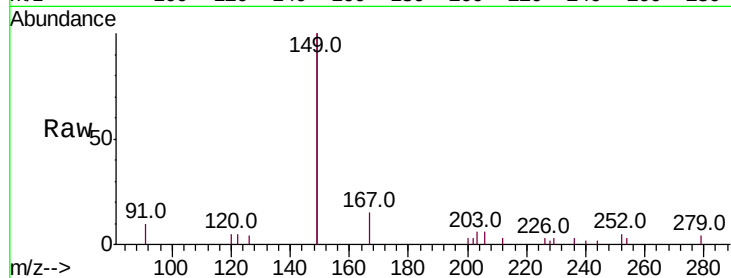
ClientSampleId :

RE-131D1-20180927

Tot Ion:	149	Resp:	5020
Ion Ratio	Lower	Upper	
149	100		
167	6.7	5.5	8.3
279	1.1	0.9	1.3

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#34

Perylene-d12

Concen: 0.400 ng

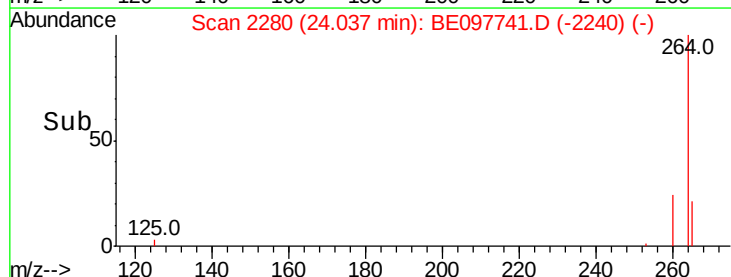
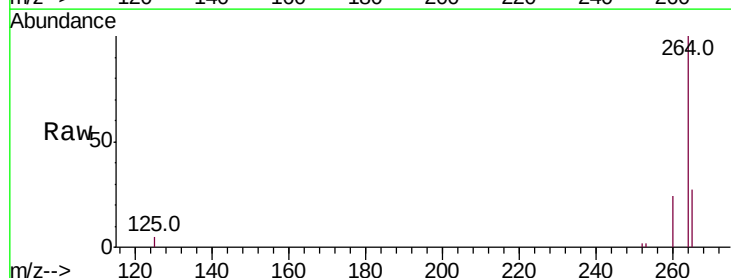
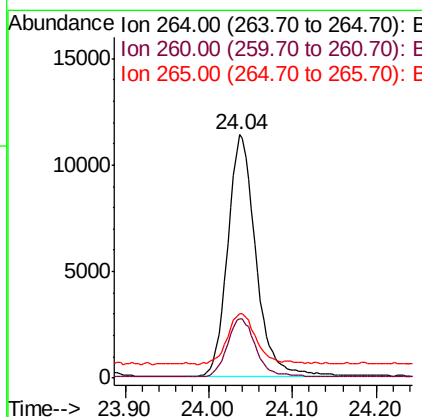
RT: 24.04 min Scan# 2280

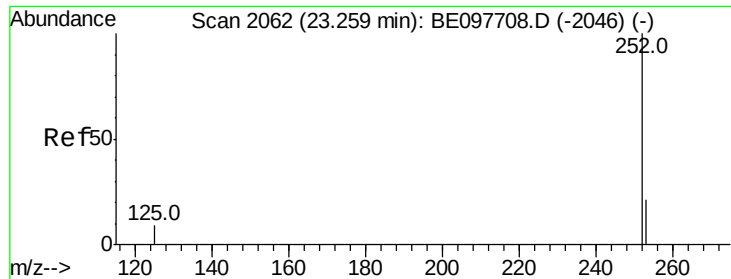
Delta R.T. -0.01 min

Lab File: BE097741.D

Acq: 5 Oct 2018 00:46

Tgt Ion:	264	Resp:	26554
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.1	28.7
265	26.7	21.9	32.9





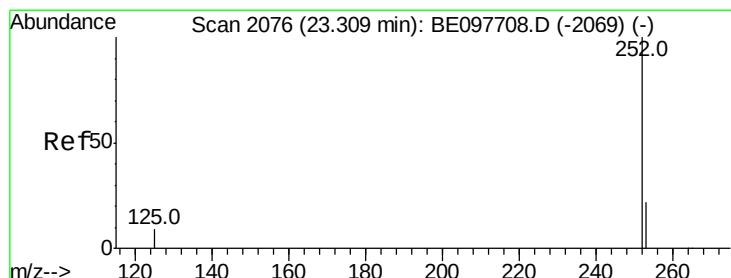
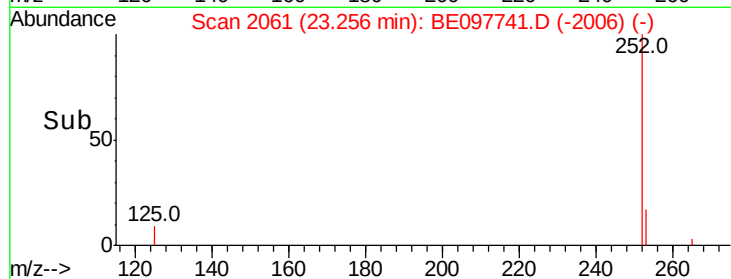
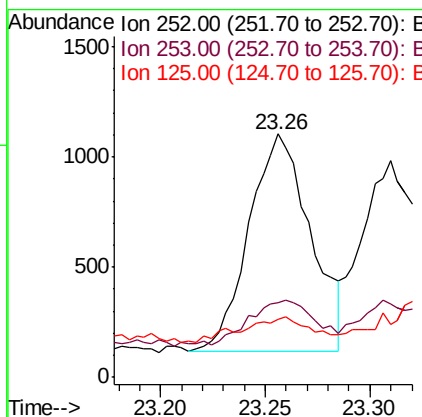
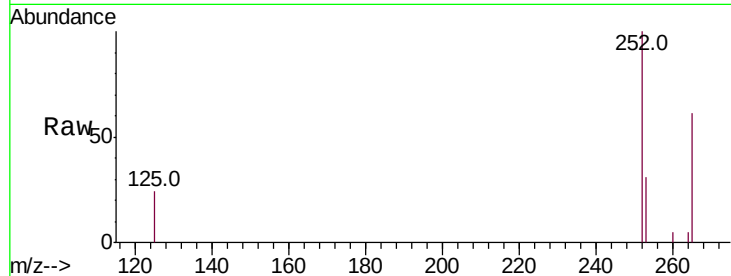
#35
Benzo(b)fluoranthene
Concen: 0.027 ng
RT: 23.26 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20180927

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.6	17.5	26.3#
125	23.9	7.8	11.8#

Manual Integrations
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#36
Benzo(k)fluoranthene
Concen: 0.026 ng m
RT: 23.31 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BE097741.D
Acq: 5 Oct 2018 00:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.1	17.5	26.3#
125	24.7	7.5	11.3#

