

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101718\
 Data File : BE097964.D
 Acq On : 18 Oct 2018 1:39
 Operator : SJ/JU
 Sample : J5317-15MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D2-20181005MS

Manual Integrations
 APPROVED

Sohil
 10/18/2018 1:57:49 PM

Quant Time: Oct 18 11:20:38 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	2223	0.40	ng	-0.01
7) Naphthalene-d8	10.68	136	10279	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	6740	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	18028	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	21525	0.40	ng	-0.01
34) Perylene-d12	24.03	264	21341	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1411	0.20	ng	-0.01
5) Phenol-d6	7.05	99	1312	0.13	ng	-0.01
8) Nitrobenzene-d5	9.03	82	3719	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	6547m	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	1410	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	10592	0.38	ng	-0.01
25) Fluoranthene-d10	19.33	212	95988	0.39	ng	0.00
29) Terphenyl-d14	19.92	244	19023	0.39	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	10107	2.608	ng	97
3) n-Nitrosodimethylamine	3.68	42	650	0.150	ng	# 83
6) bis(2-Chloroethyl)ether	7.30	93	3112	0.354	ng	94
9) Naphthalene	10.73	128	43269	0.423	ng	100
10) Hexachlorobutadiene	11.02	225	1902	0.345	ng	97
12) 2-Methylnaphthalene	12.35	142	7755	0.442	ng	98
16) Acenaphthylene	14.27	152	13026	0.418	ng	99
17) Acenaphthene	14.62	154	7526	0.395	ng	99
18) Fluorene	15.59	166	11072	0.423	ng	99
20) 4-Bromophenyl-phenylether	16.49	248	3850	0.391	ng	# 84
21) Hexachlorobenzene	16.60	284	3670	0.379	ng	98
22) Pentachlorophenol	16.95	266	2022	0.763	ng	96
23) Phenanthrene	17.34	178	18986	0.414	ng	99
24) Anthracene	17.43	178	18712	0.432	ng	100
26) Fluoranthene	19.35	202	25045	0.417	ng	98
28) Pyrene	19.72	202	25848	0.416	ng	99
30) Benzo(a)anthracene	21.46	228	27782	0.421	ng	97
31) Chrysene	21.51	228	26225	0.419	ng	99
32) Bis(2-ethylhexyl)phthalate	21.38	149	75478	0.527	ng	100
33) Indeno(1,2,3-cd)pyrene	26.72	276	26520	0.378	ng	99
35) Benzo(b)fluoranthene	23.25	252	25479	0.415	ng	# 94
36) Benzo(k)fluoranthene	23.30	252	25448	0.398	ng	# 94
37) Benzo(a)pyrene	23.91	252	22494	0.376	ng	# 92
38) Dibenzo(a,h)anthracene	26.75	278	22422	0.382	ng	96
39) Benzo(g,h,i)perylene	27.55	276	19235	0.320	ng	99

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

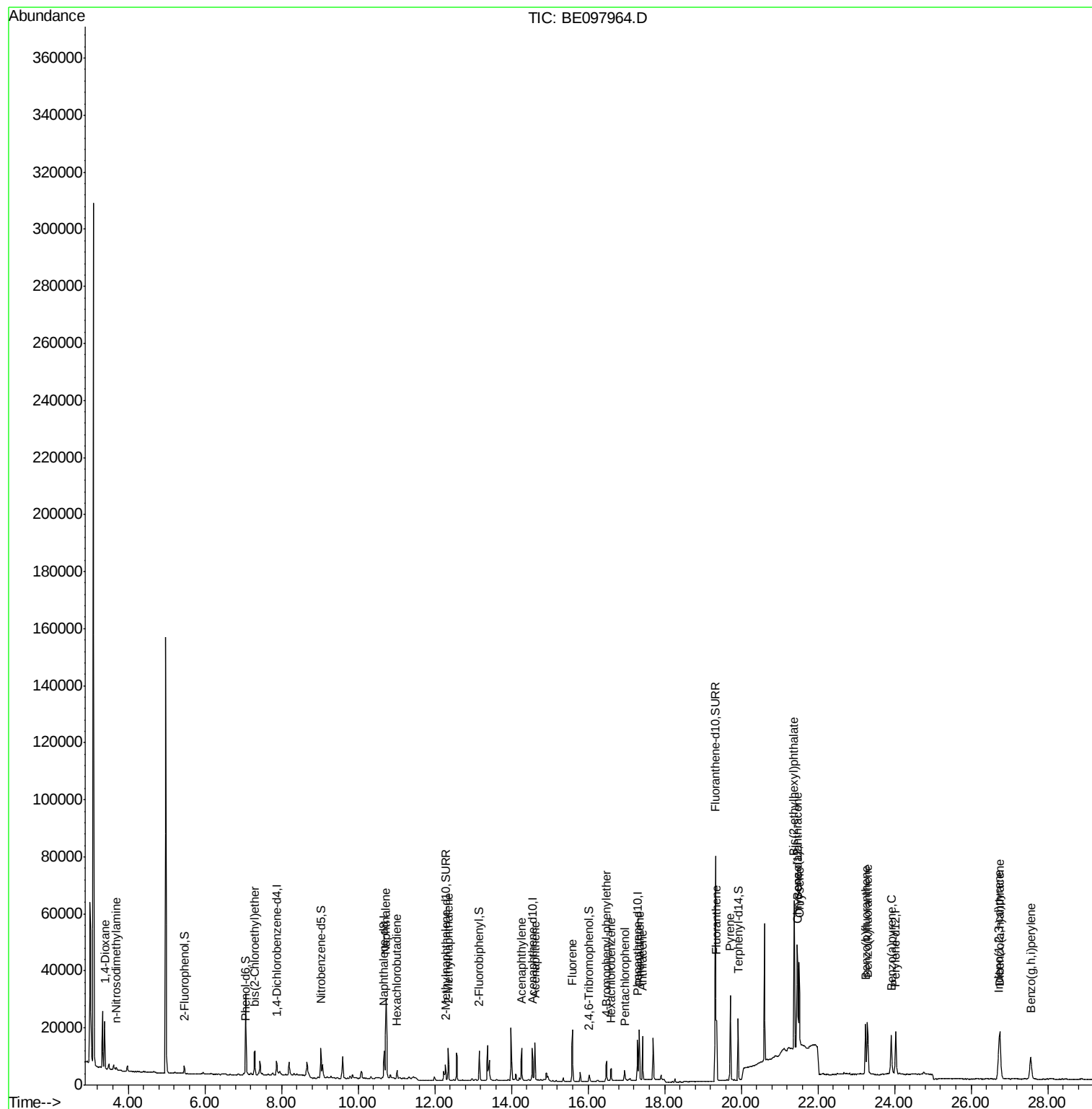
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101718\
Data File : BE097964.D
Acq On : 18 Oct 2018 1:39
Operator : SJ/JU
Sample : J5317-15MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

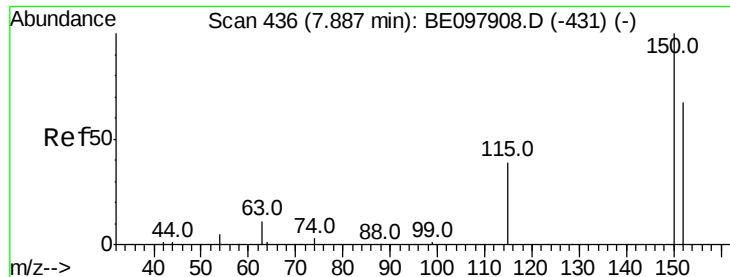
Instrument :
BNA_E
ClientSampleId :
RE-109D2-20181005MS

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QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 435

Delta R.T. -0.01 min

Lab File: BE097964.D

Acq: 18 Oct 2018 1:39

Instrument :

BNA_E

ClientSampleId :

RE-109D2-20181005MS

Tot Ion:152 Resp: 2223

Ion Ratio Lower Upper

152 100

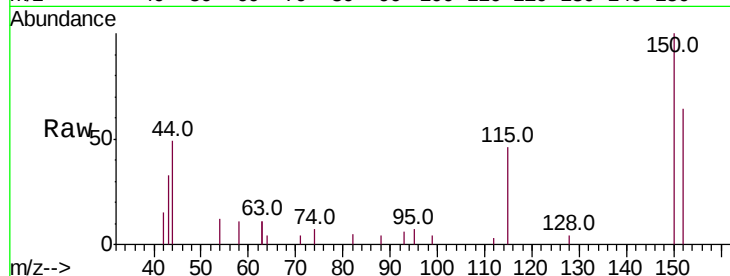
150 156.3 118.2 177.4

115 71.8 50.9 76.3

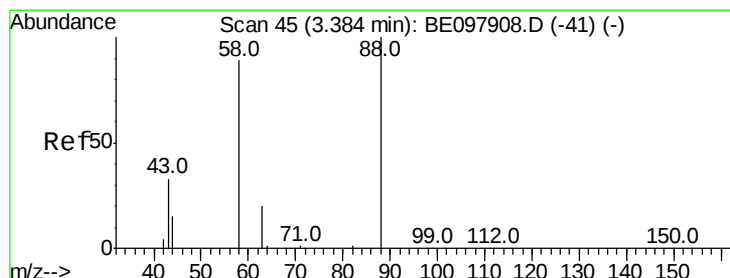
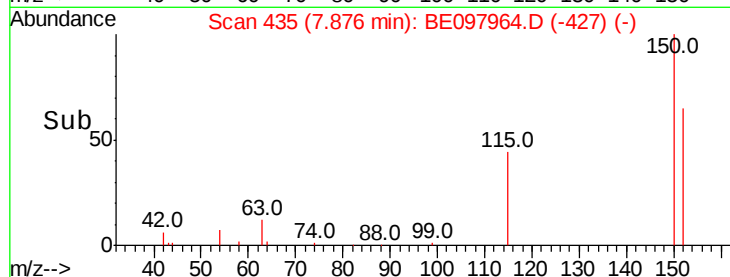
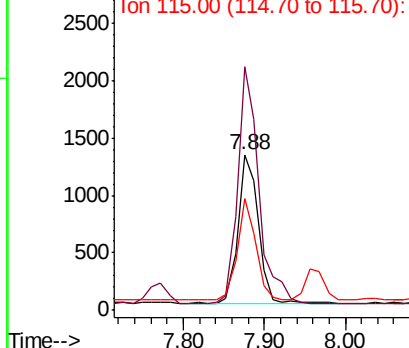
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.608 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE097964.D

Acq: 18 Oct 2018 1:39

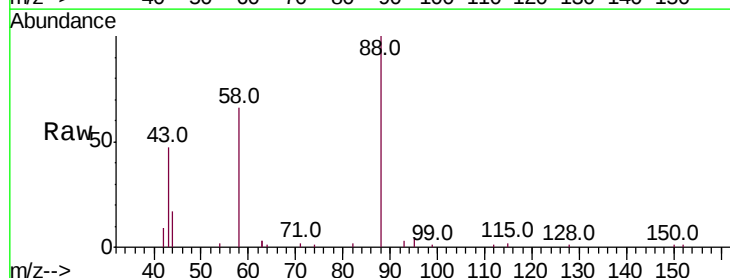
Tgt Ion: 88 Resp: 10107

Ion Ratio Lower Upper

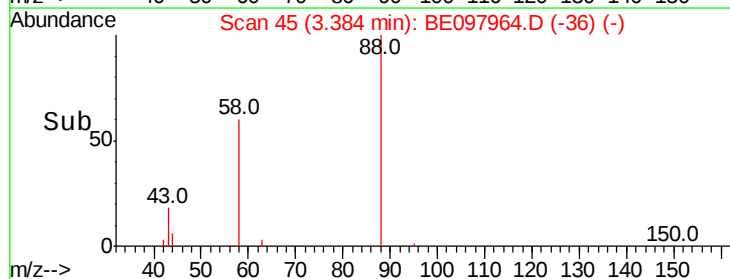
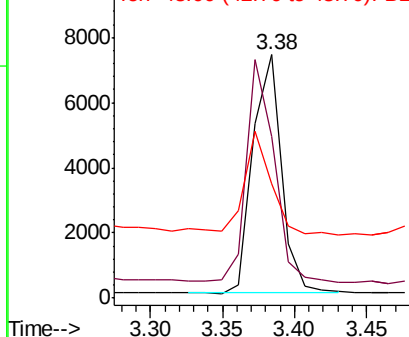
88 100

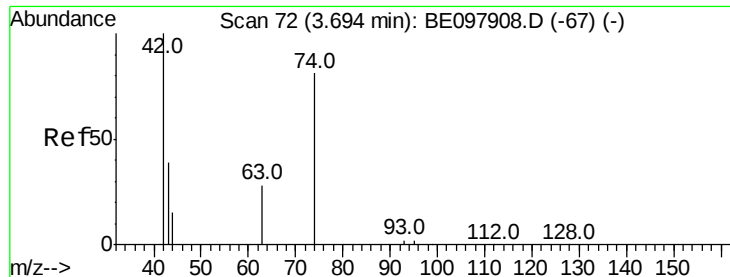
58 90.0 73.2 109.8

43 41.8 36.9 55.3



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

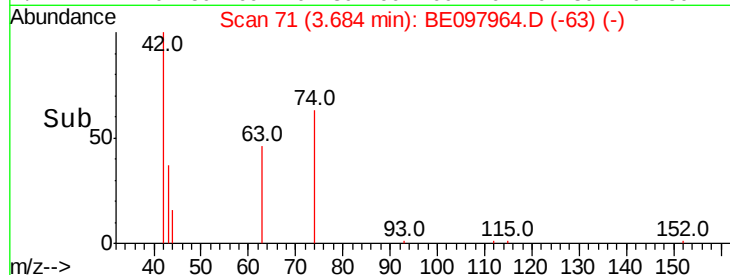
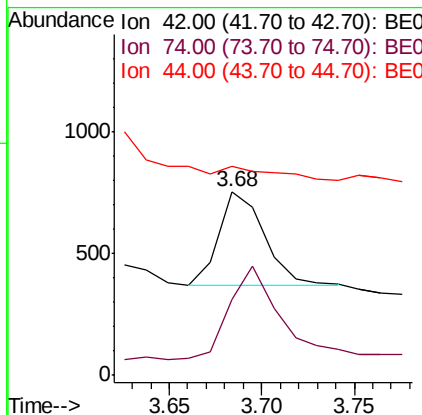
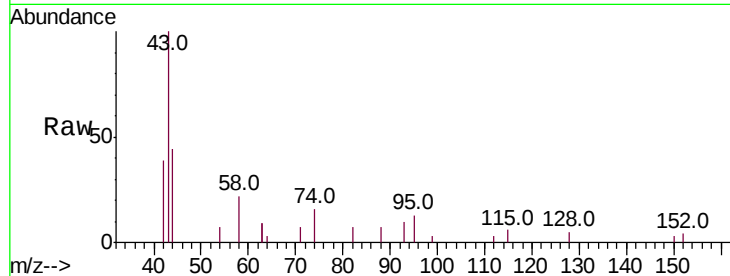
n-Nitrosodimethylamine
Concen: 0.150 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE097964.D
Acq: 18 Oct 2018 1:39

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
42	100		
74	112.3	77.6	116.4
44	0.0	7.6	11.4

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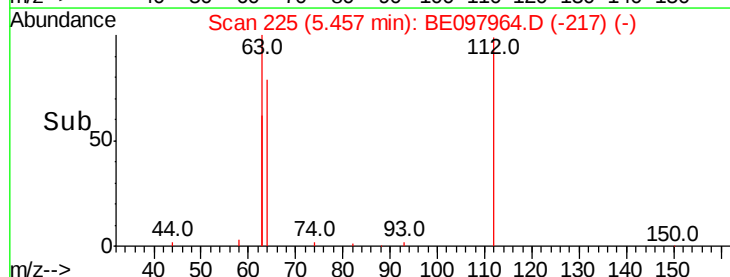
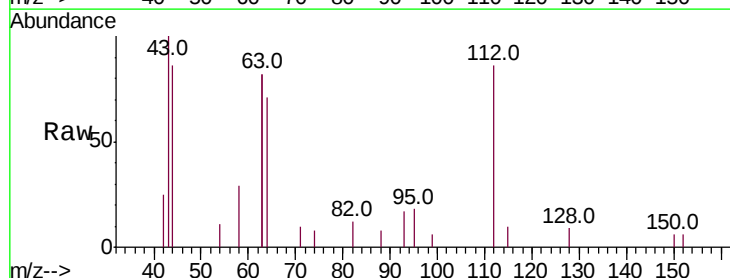
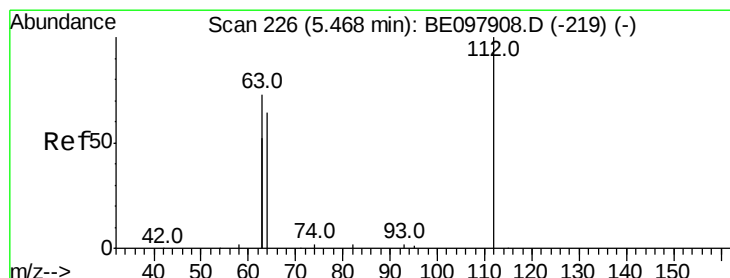
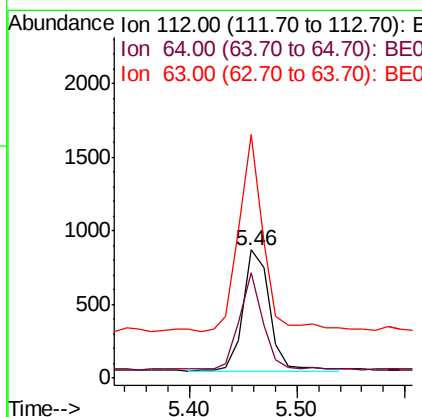
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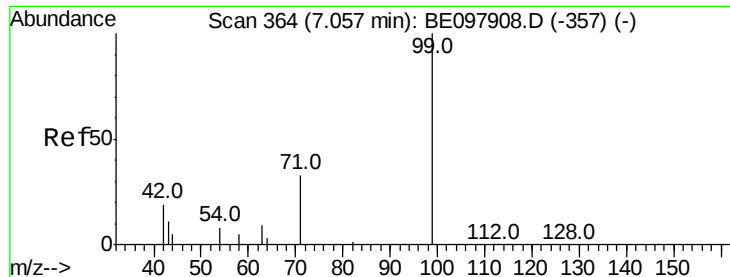


#4

2-Fluorophenol
Concen: 0.201 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.01 min
Lab File: BE097964.D
Acq: 18 Oct 2018 1:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	58.9	88.3
63	149.6	120.3	180.5





#5

Phenol-d6

Concen: 0.127 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097964.D

Acq: 18 Oct 2018 1:39

Instrument :

BNA_E

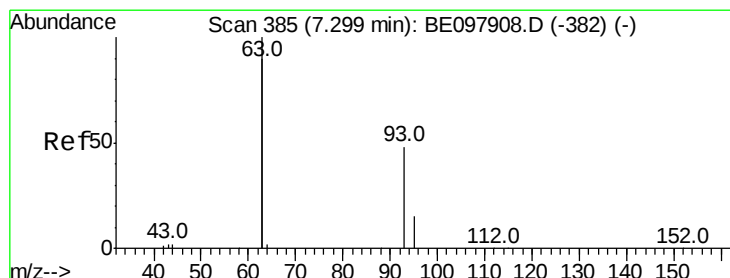
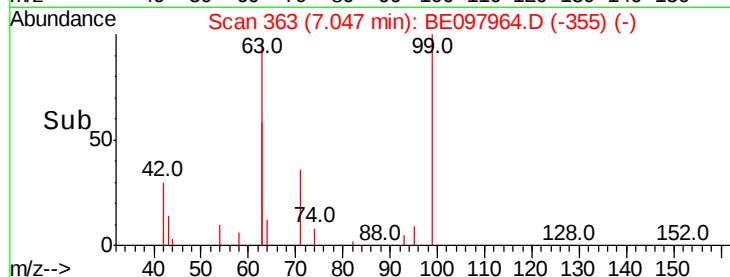
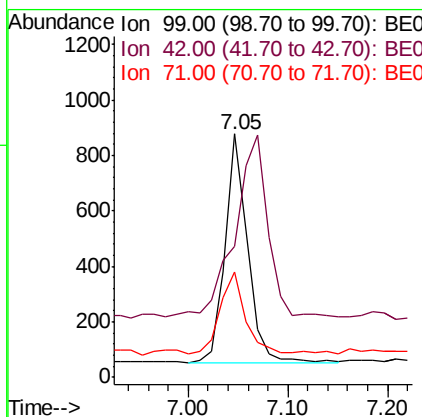
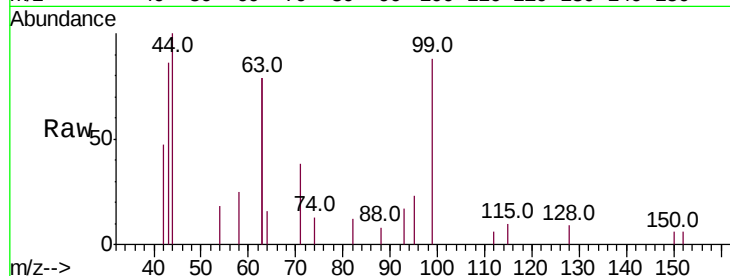
ClientSampleId :

RE-109D2-20181005MS

Tot Ion:	99	Resp:	1312
Ion Ratio	Lower	Upper	
99	100		
42	0.0	19.9	29.9#
71	39.3	27.8	41.8

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#6

bis(2-Chloroethyl)ether

Concen: 0.354 ng

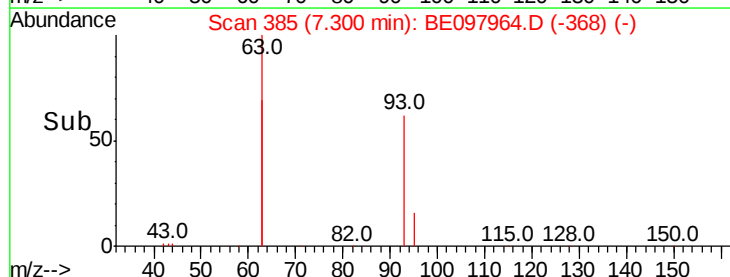
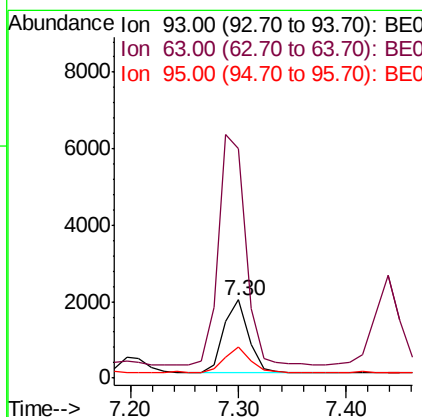
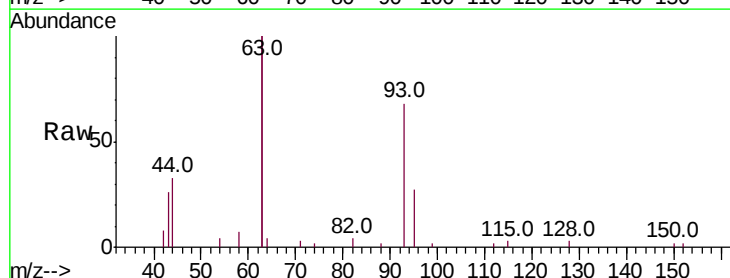
RT: 7.30 min Scan# 385

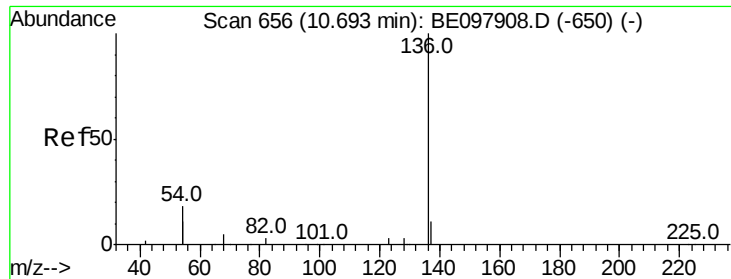
Delta R.T. 0.00 min

Lab File: BE097964.D

Acq: 18 Oct 2018 1:39

Tgt Ion:	93	Resp:	3112
Ion Ratio	Lower	Upper	
93	100		
63	335.5	259.0	388.4
95	38.1	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: BE097964.D

Acq: 18 Oct 2018 1:39

Instrument :

BNA_E

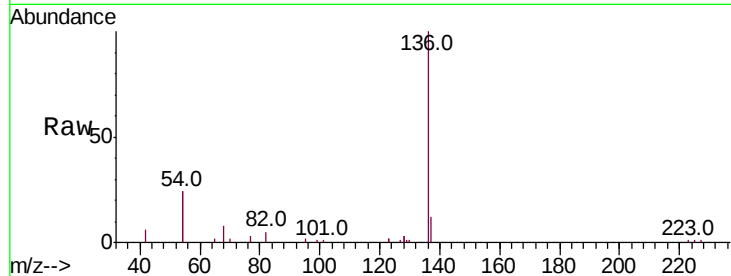
ClientSampleId :

RE-109D2-20181005MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	47.1	27.7	41.5#
68	8.2	5.3	7.9#

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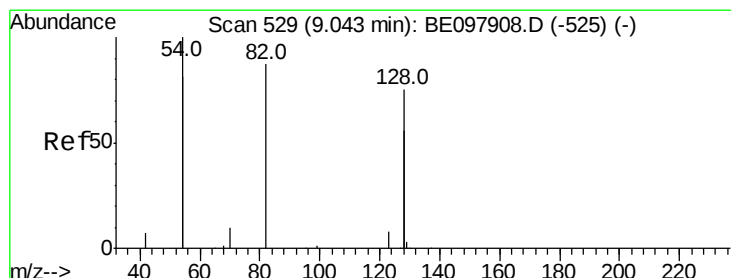
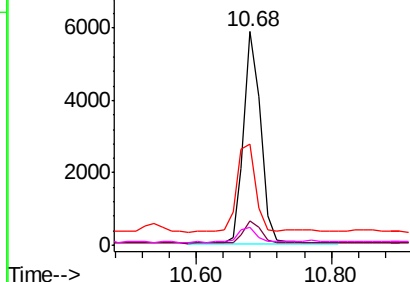
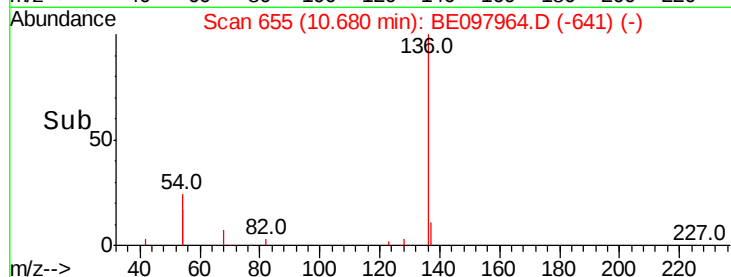


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.382 ng

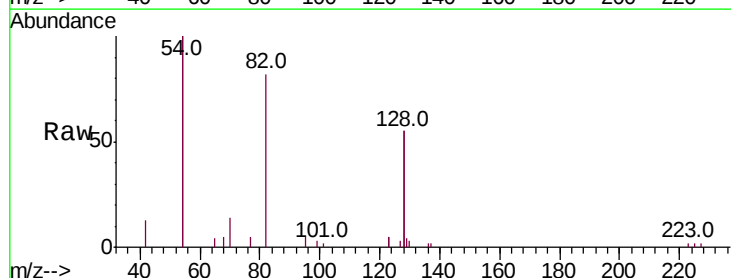
RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097964.D

Acq: 18 Oct 2018 1:39

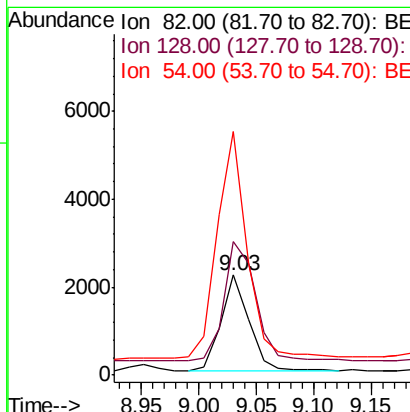
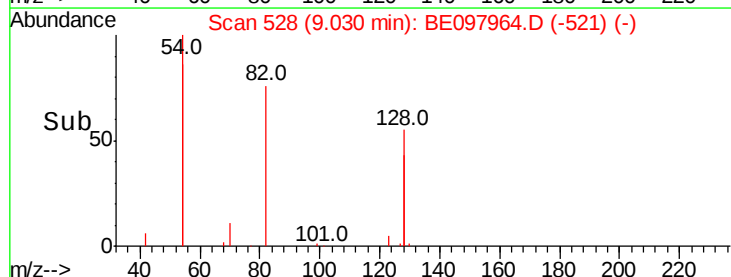
Tgt Ion	Ratio	Lower	Upper
82	100		
128	133.4	129.9	194.9
54	243.8	174.0	261.0

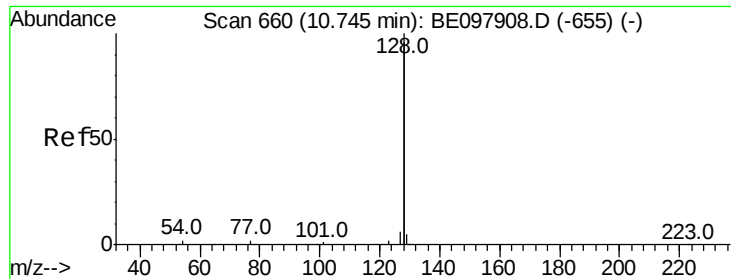


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.423 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097964.D

Acq: 18 Oct 2018 1:39

Instrument :

BNA_E

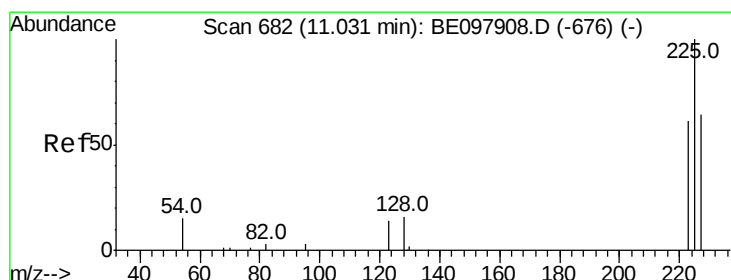
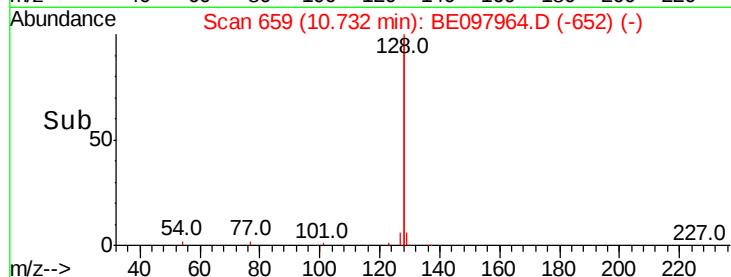
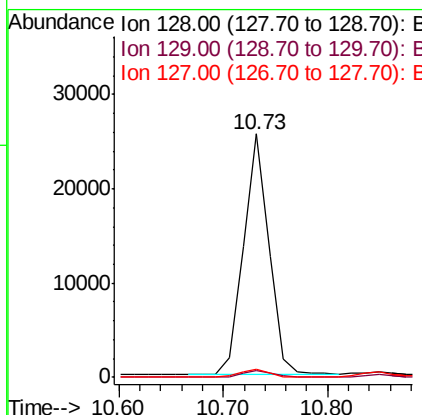
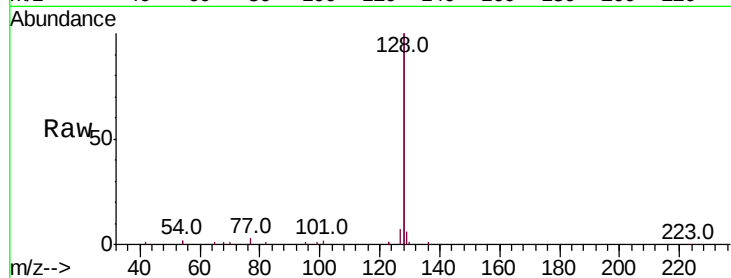
ClientSampleId :

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Tot Ion:	128	Resp:	43269
Ion Ratio	Lower	Upper	
128	100		
129	3.0	2.5	3.7
127	3.5	2.8	4.2

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#10

Hexachlorobutadiene

Concen: 0.345 ng

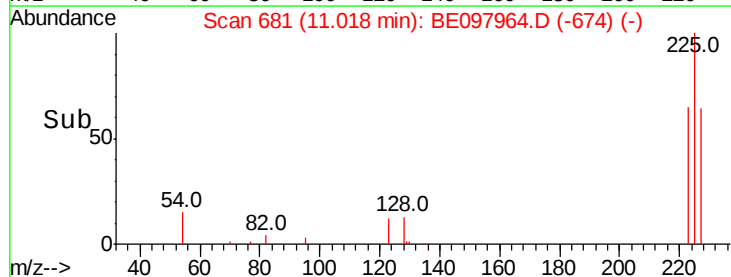
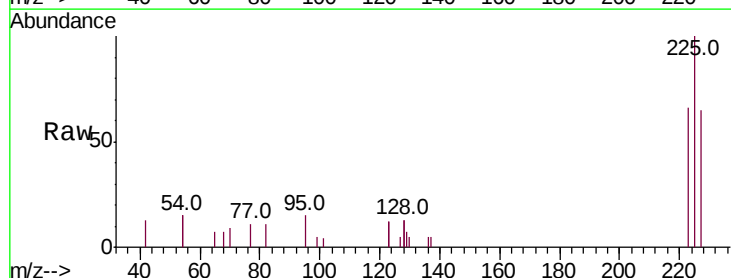
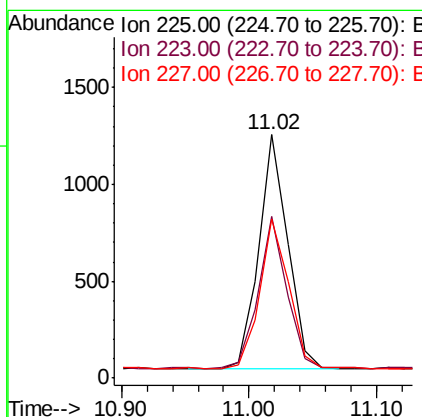
RT: 11.02 min Scan# 681

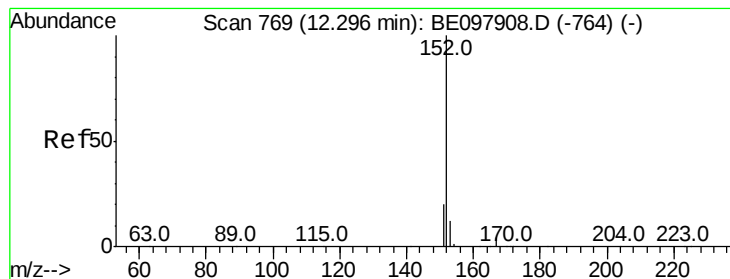
Delta R.T. -0.01 min

Lab File: BE097964.D

Acq: 18 Oct 2018 1:39

Tgt Ion:	225	Resp:	1902
Ion Ratio	Lower	Upper	
225	100		
223	63.2	51.8	77.8
227	63.6	53.0	79.6





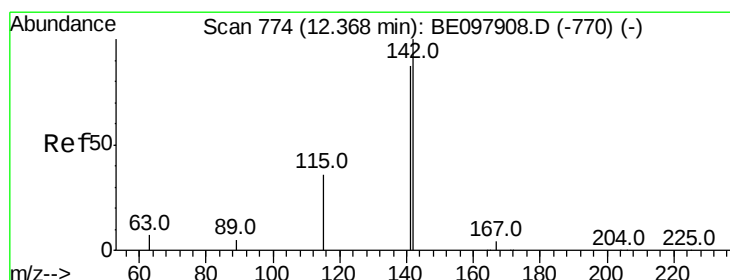
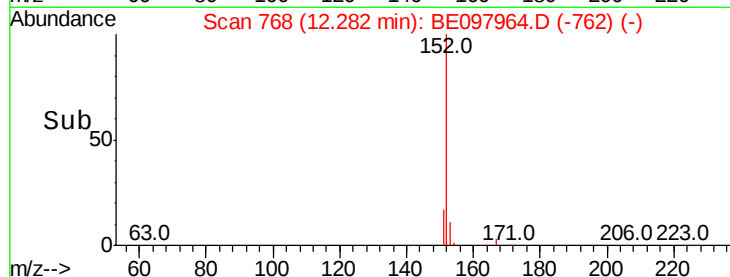
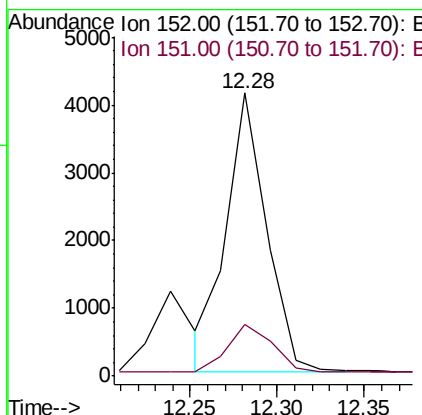
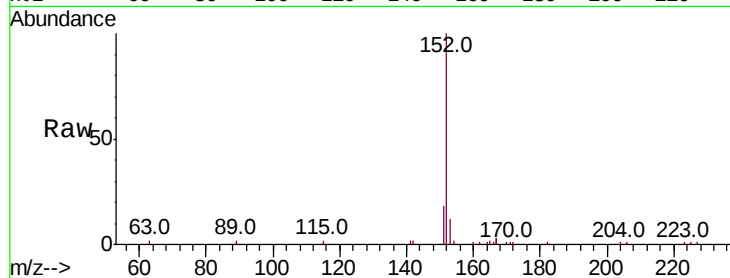
#11
 2-Methylnaphthalene-d10
 Concen: 0.383 ng m
 RT: 12.28 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BE097964.D
 Acq: 18 Oct 2018 1:39

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D2-20181005MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4

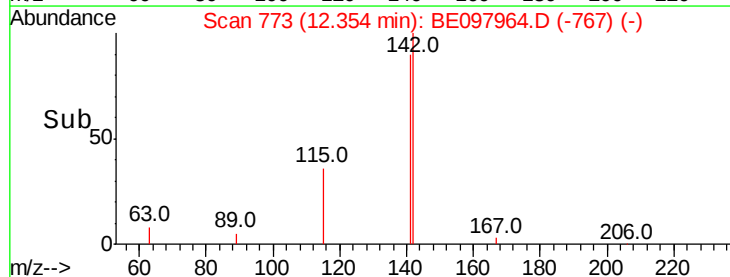
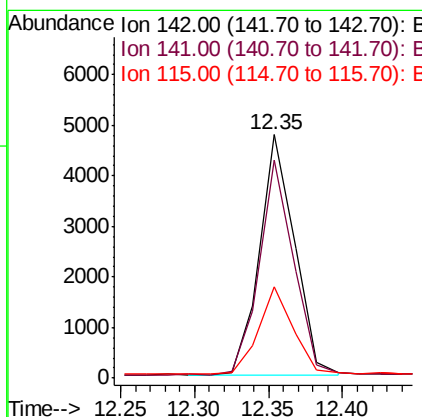
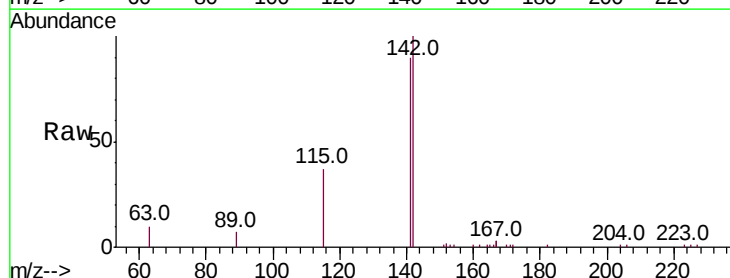
Manual Integrations
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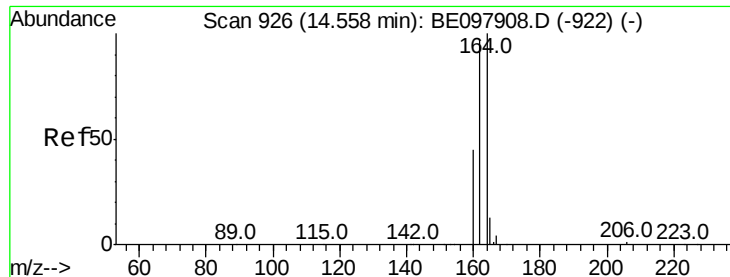
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#12
 2-Methylnaphthalene
 Concen: 0.442 ng
 RT: 12.35 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BE097964.D
 Acq: 18 Oct 2018 1:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	69.8	104.6
115	37.3	30.5	45.7





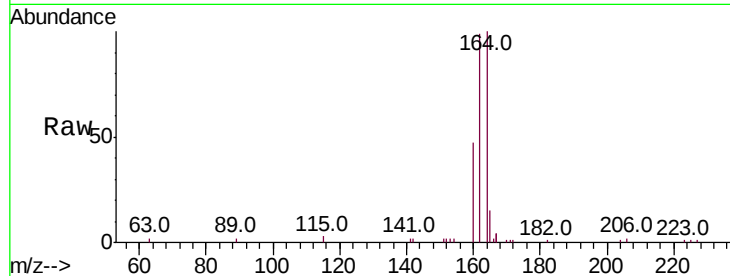
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097964.D
Acq: 18 Oct 2018 1:39

Instrument :
BNA_E
ClientSampleId :
RE-109D2-20181005MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	77.4	116.2
160	46.8	36.5	54.7

Manual Integrations
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10/18/2018 1:57:49 PM

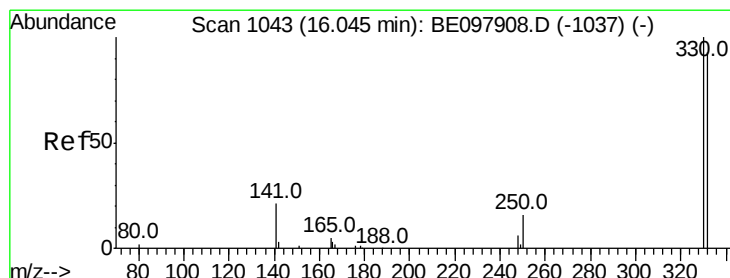
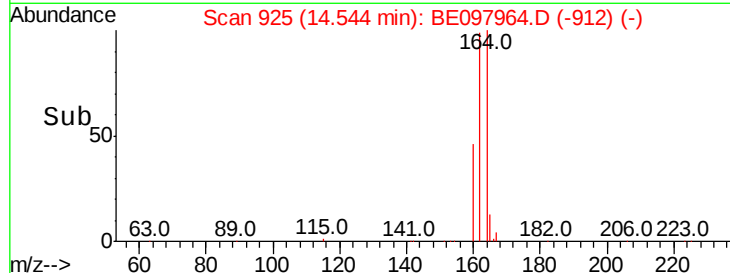
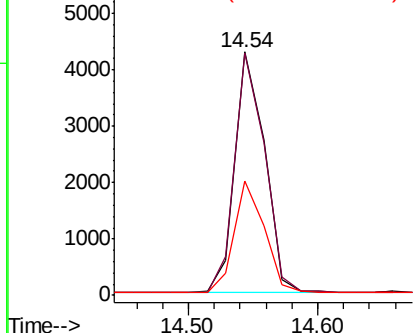


Abundance

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: 0.389 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097964.D
Acq: 18 Oct 2018 1:39

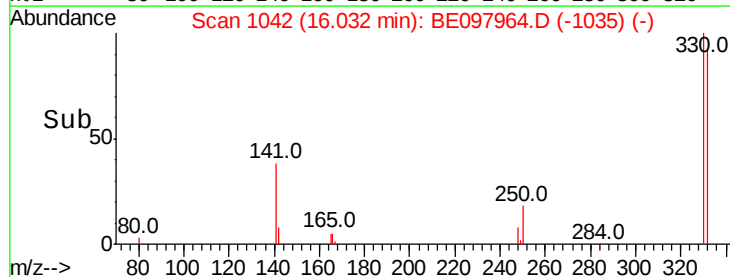
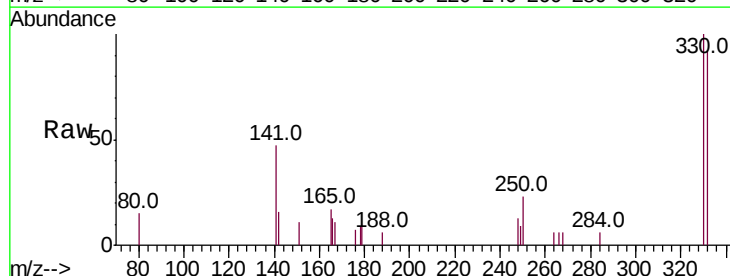
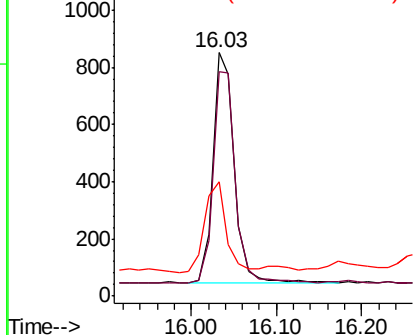
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.5	114.7
141	40.6	31.8	47.6

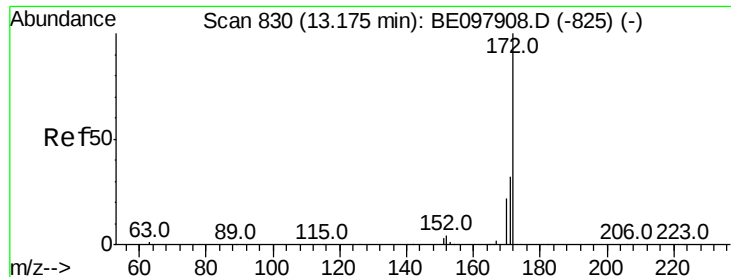
Abundance

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





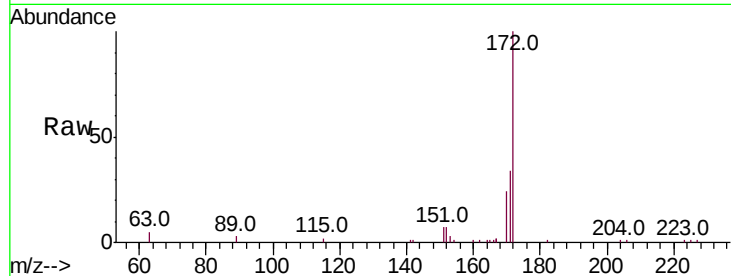
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BE097964.D
Acq: 18 Oct 2018 1:39

Instrument :
BNA_E
ClientSampleId :
RE-109D2-20181005MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.0	39.0
170	23.7	18.0	27.0

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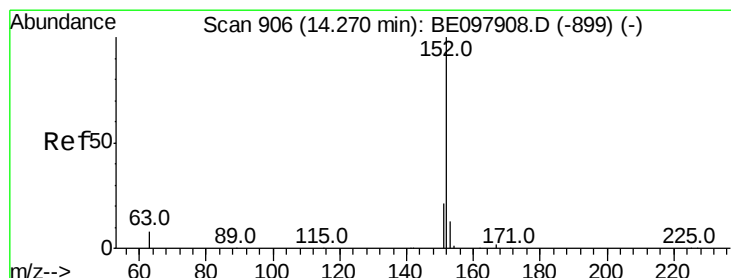
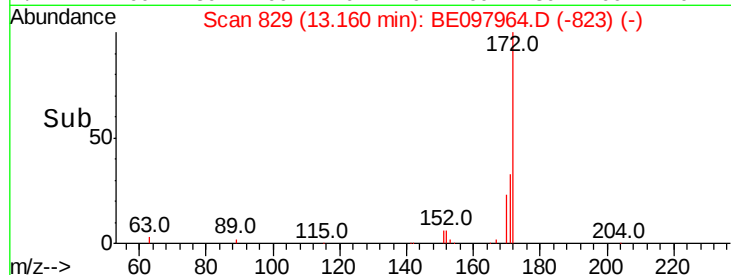
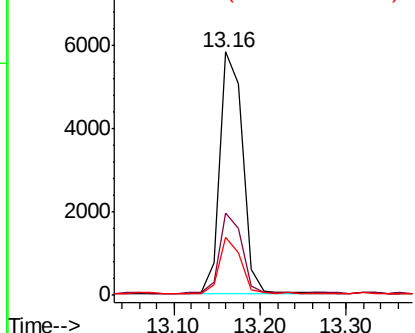


Abundance

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: 0.418 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097964.D
Acq: 18 Oct 2018 1:39

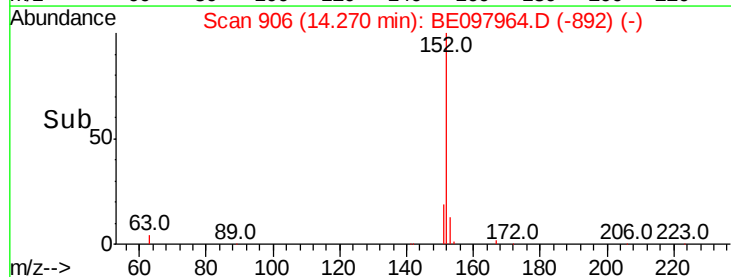
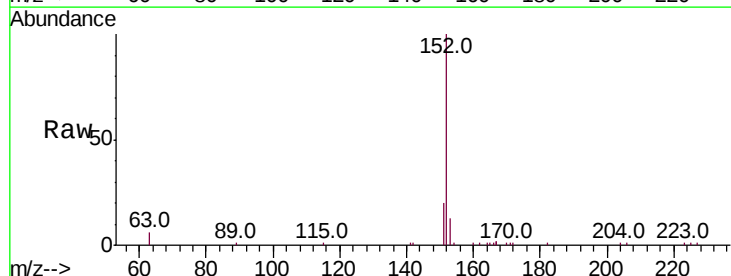
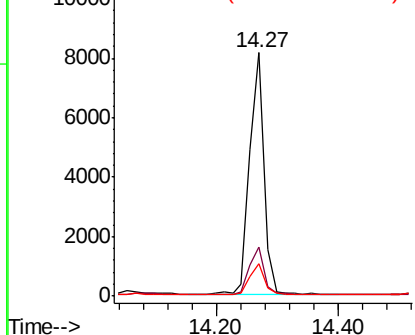
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	12.7	10.9	16.3

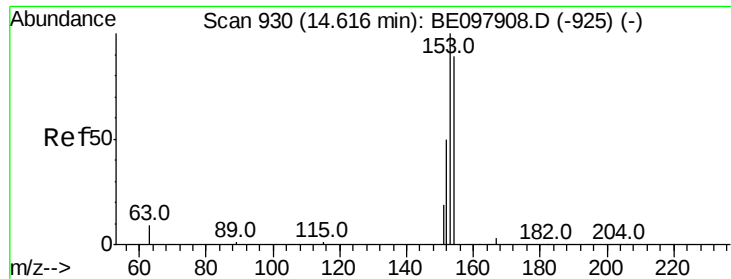
Abundance

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





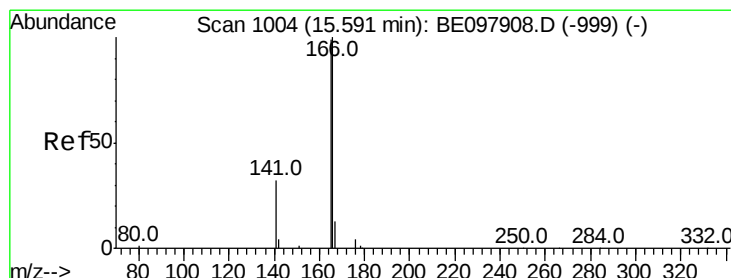
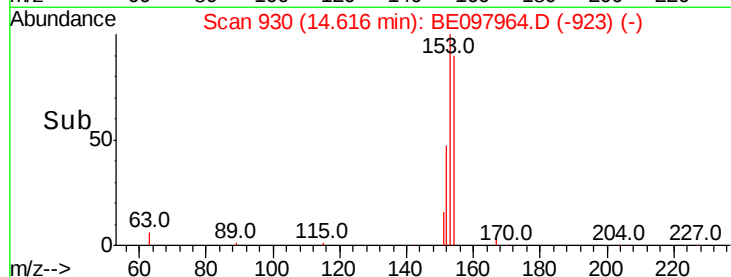
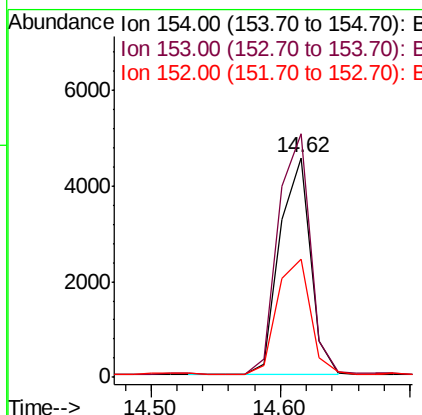
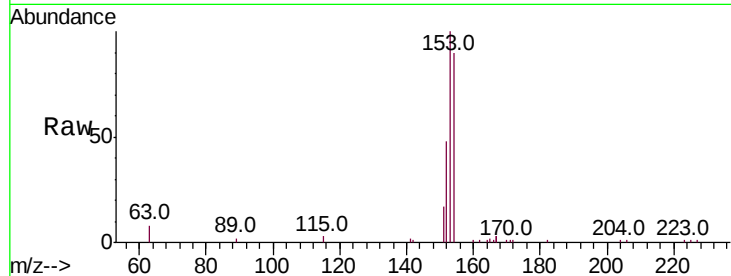
#17
Acenaphthene
Concen: 0.395 ng
RT: 14.62 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097964.D
Acq: 18 Oct 2018 1:39

Instrument :
BNA_E
ClientSampleId :
RE-109D2-20181005MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.0	92.6	139.0
152	57.3	45.5	68.3

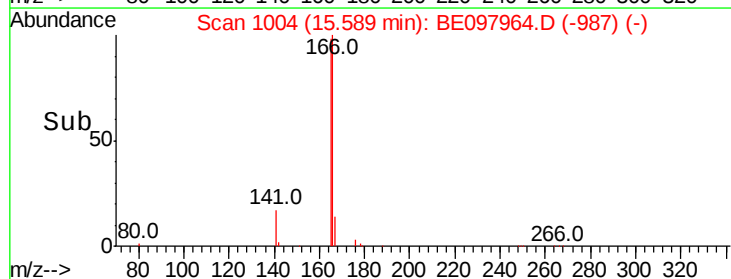
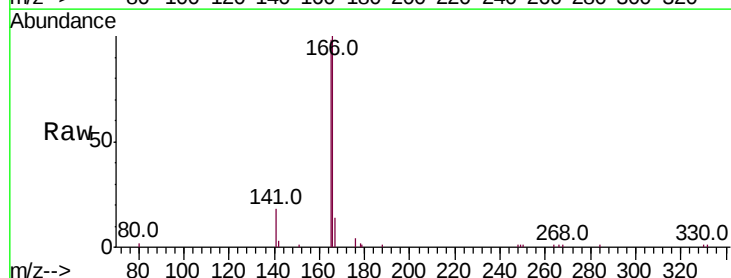
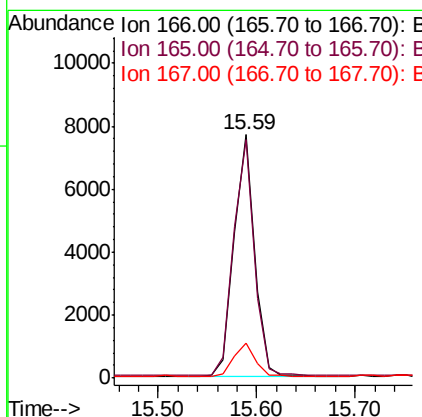
Manual Integrations
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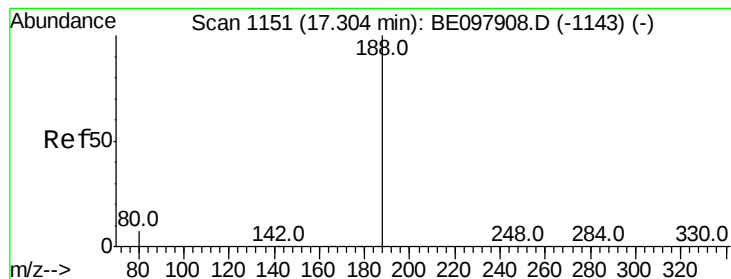
Sohil
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#18
Fluorene
Concen: 0.423 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097964.D
Acq: 18 Oct 2018 1:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.2	117.4
167	14.6	11.0	16.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097964.D

Acq: 18 Oct 2018 1:39

Instrument :

BNA_E

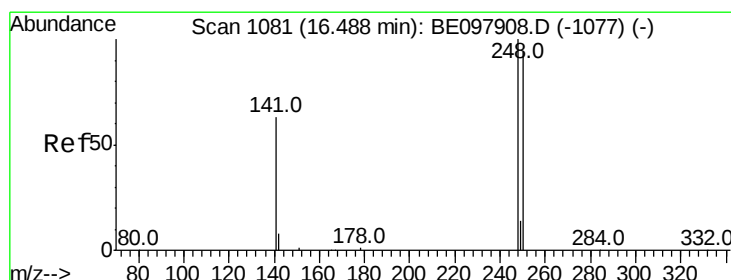
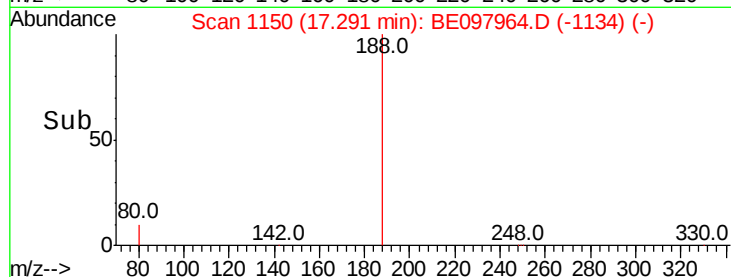
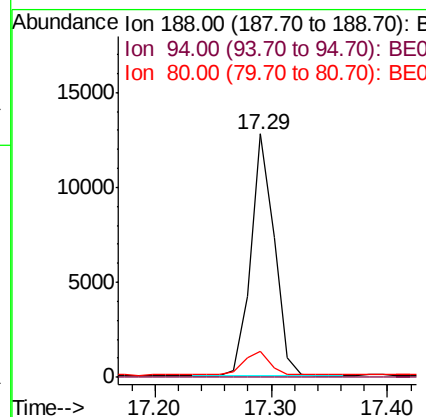
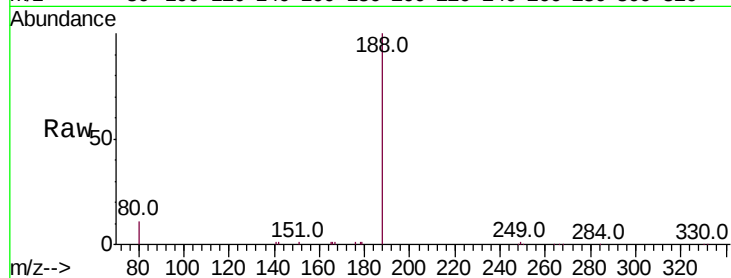
ClientSampleId :

RE-109D2-20181005MS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	0.0	0.0
80	10.6	6.3	9.5#

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#20

4-Bromophenyl-phenylether

Concen: 0.391 ng

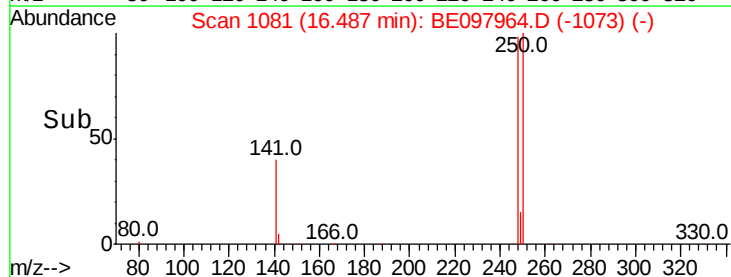
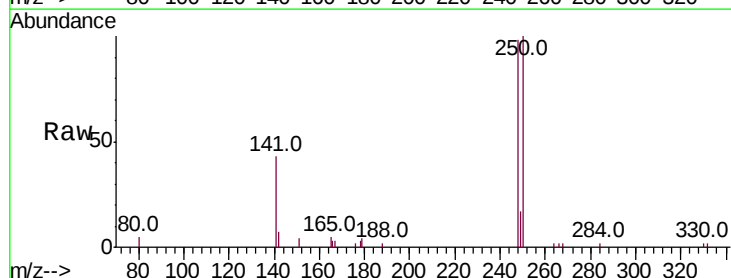
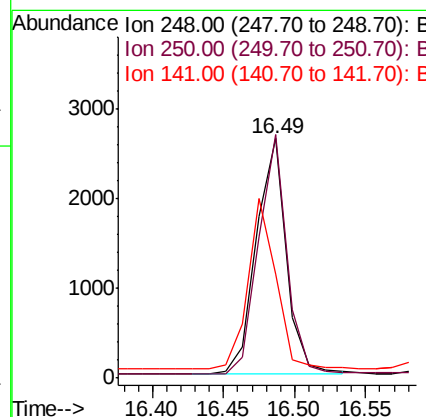
RT: 16.49 min Scan# 1081

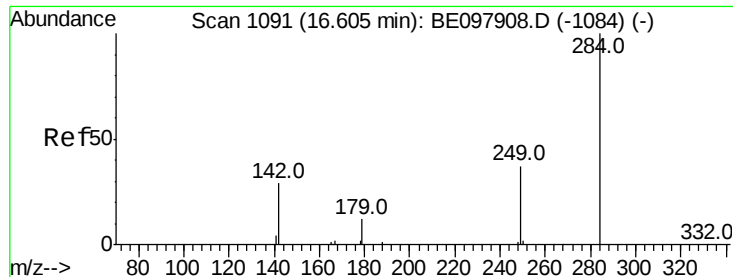
Delta R.T. -0.00 min

Lab File: BE097964.D

Acq: 18 Oct 2018 1:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	101.6	75.1	112.7
141	43.5	51.8	77.8#





#21

Hexachlorobenzene

Concen: 0.379 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097964.D

Acq: 18 Oct 2018 1:39

Instrument :

BNA_E

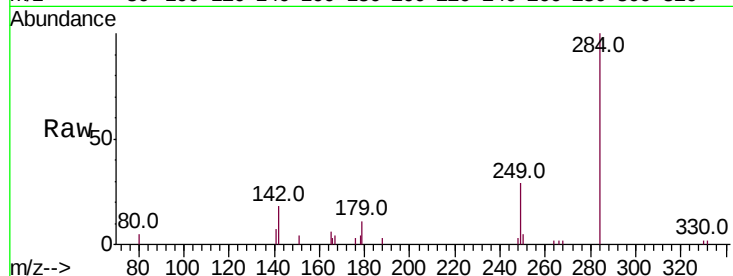
ClientSampleId :

RE-109D2-20181005MS

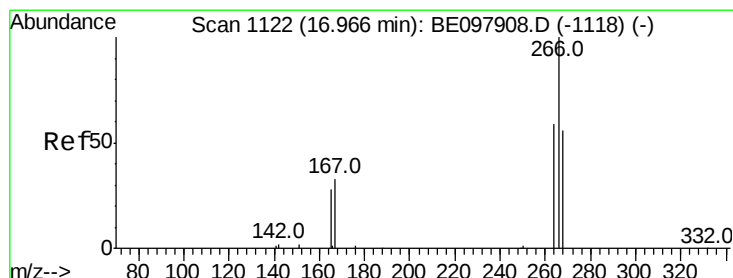
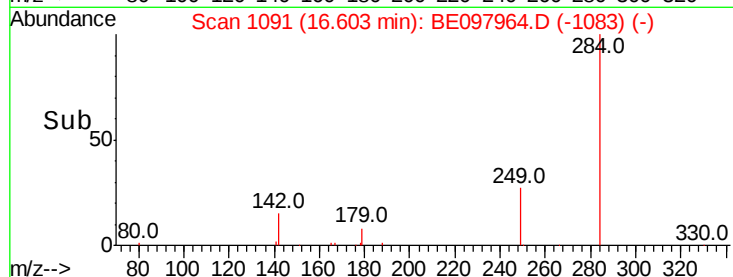
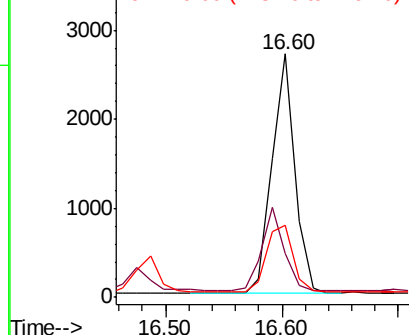
Tot Ion:	284	Resp:	3670
Ion Ratio	Lower	Upper	
284	100		
142	34.2	25.9	38.9
249	32.7	26.6	40.0

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: 0.763 ng

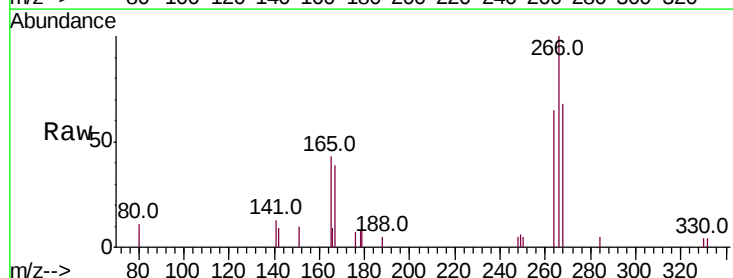
RT: 16.95 min Scan# 1121

Delta R.T. -0.01 min

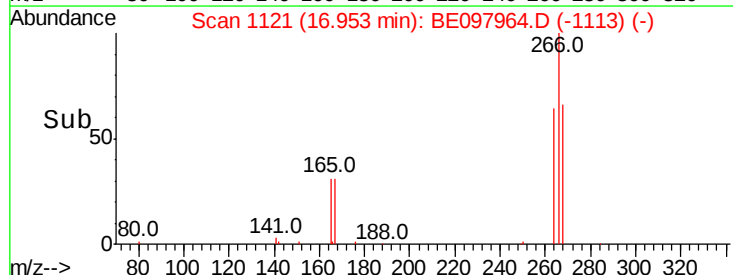
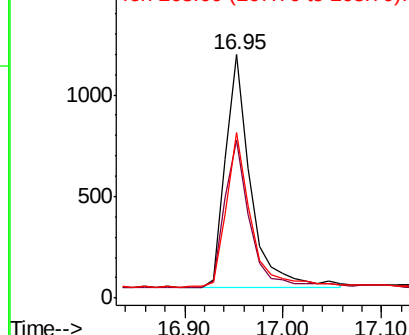
Lab File: BE097964.D

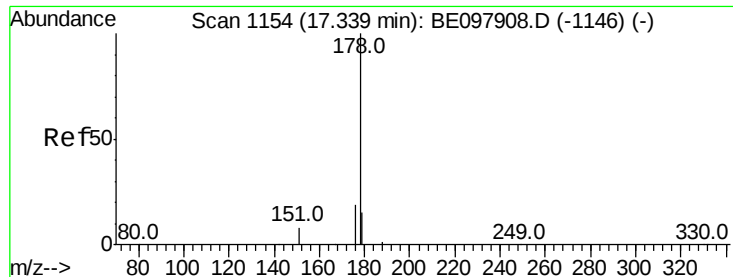
Acq: 18 Oct 2018 1:39

Tgt Ion:	266	Resp:	2022
Ion Ratio	Lower	Upper	
266	100		
264	64.9	51.3	76.9
268	68.0	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





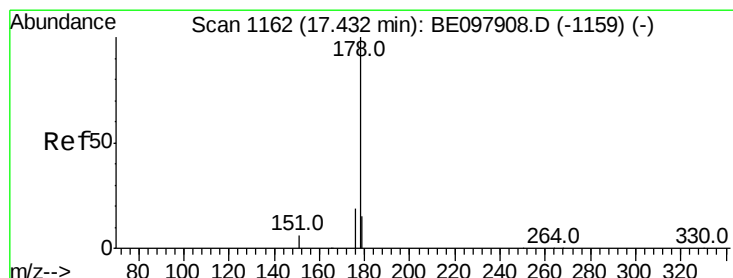
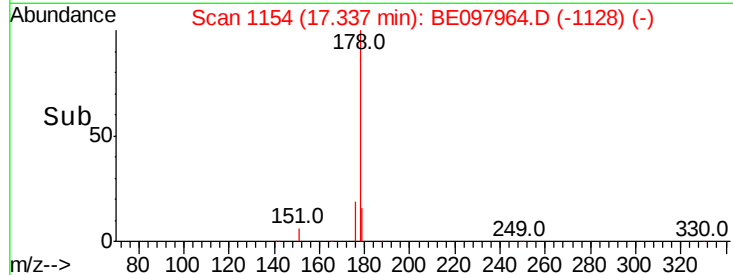
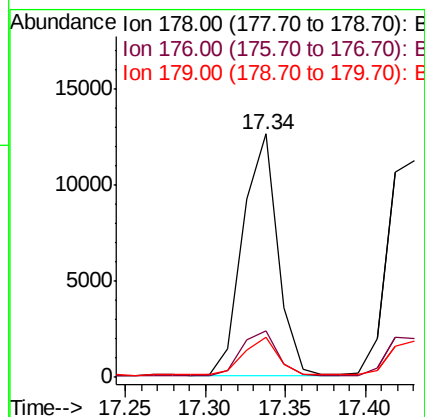
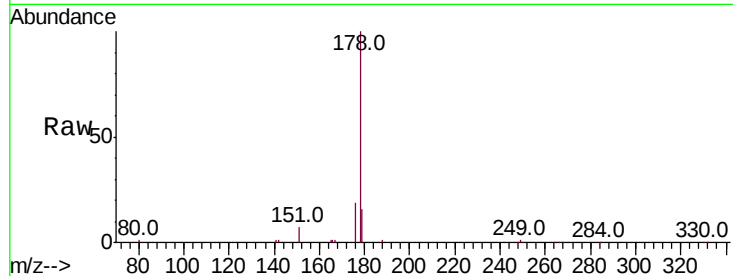
#23
Phenanthrene
Concen: 0.414 ng
RT: 17.34 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097964.D
Acq: 18 Oct 2018 1:39

Instrument :
BNA_E
ClientSampleId :
RE-109D2-20181005MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	16.2	12.2	18.4

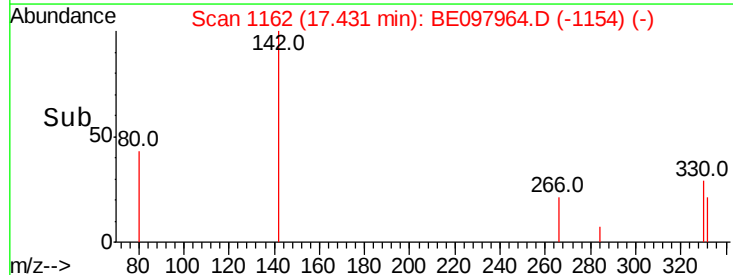
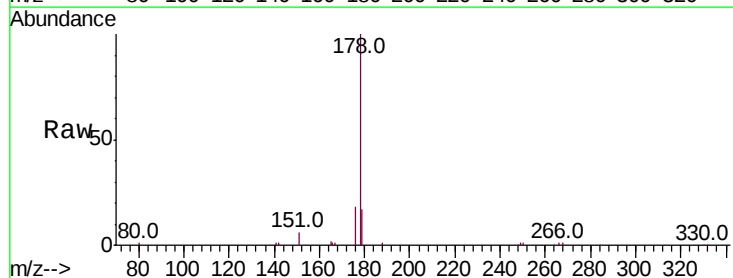
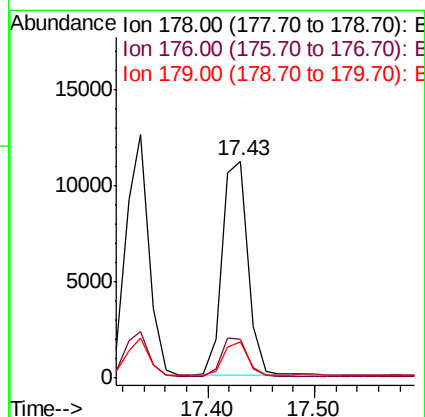
Manual Integrations
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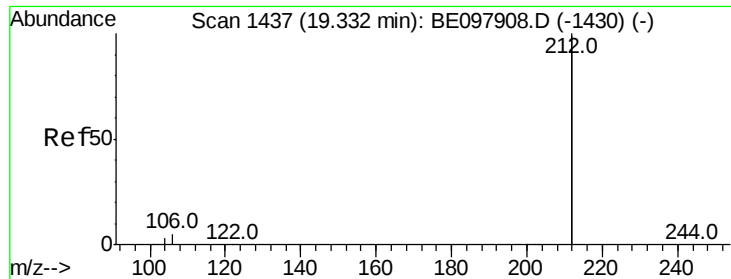
Sohil
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#24
Anthracene
Concen: 0.432 ng
RT: 17.43 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BE097964.D
Acq: 18 Oct 2018 1:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.0	11.9	17.9





#25

Fluoranthene-d10

Concen: 0.393 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097964.D

Acq: 18 Oct 2018 1:39

Instrument :

BNA_E

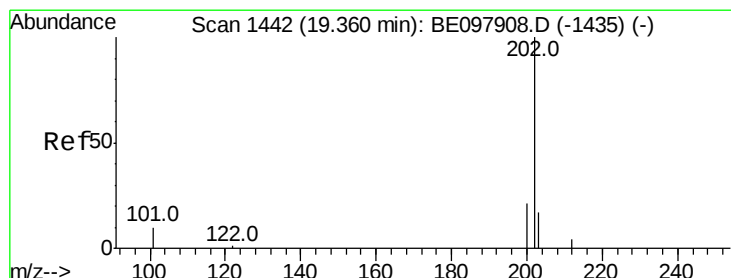
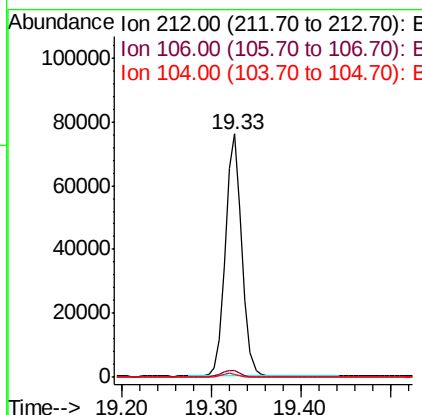
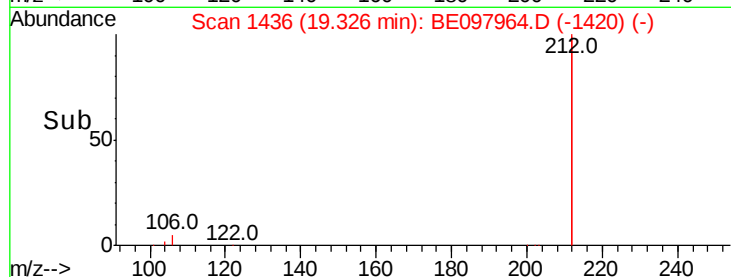
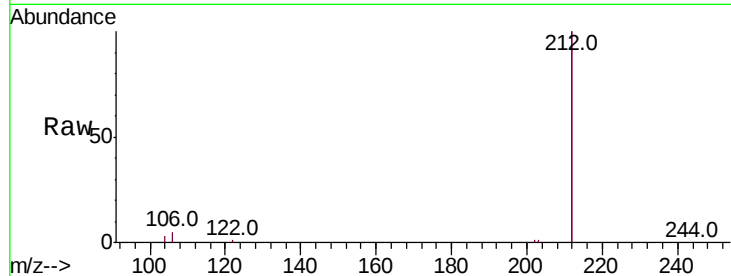
ClientSampleId :

RE-109D2-20181005MS

Tot Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.3	3.5
104	1.6	1.3	1.9

Manual Integrations
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#26

Fluoranthene

Concen: 0.417 ng

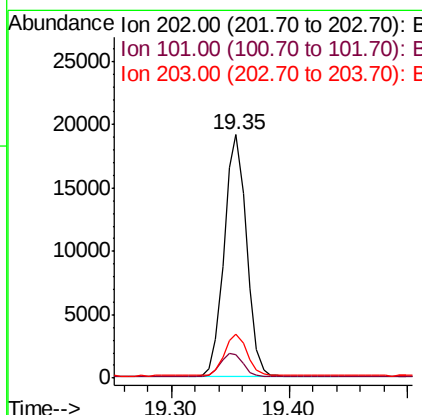
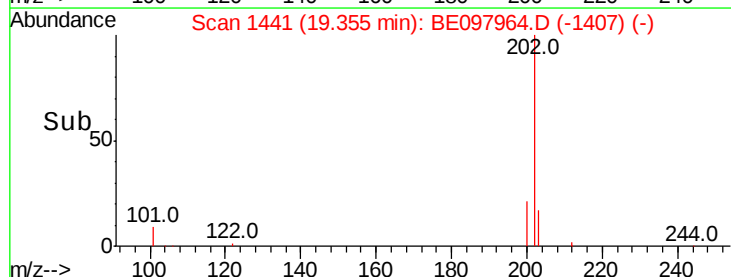
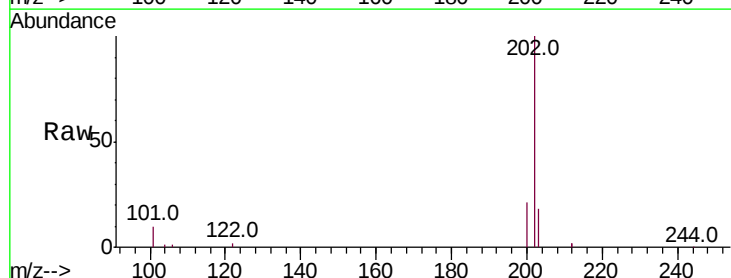
RT: 19.35 min Scan# 1441

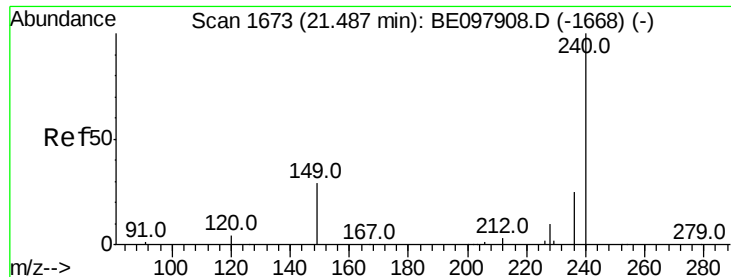
Delta R.T. -0.01 min

Lab File: BE097964.D

Acq: 18 Oct 2018 1:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.2	12.2
203	17.2	15.0	22.4





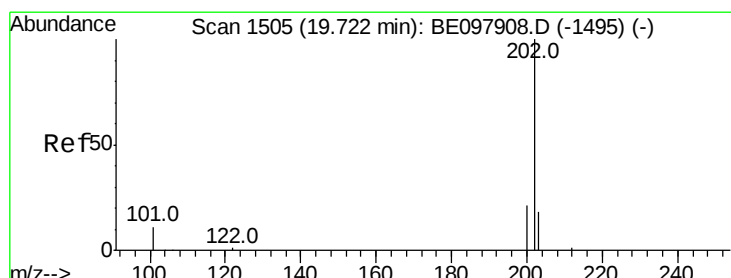
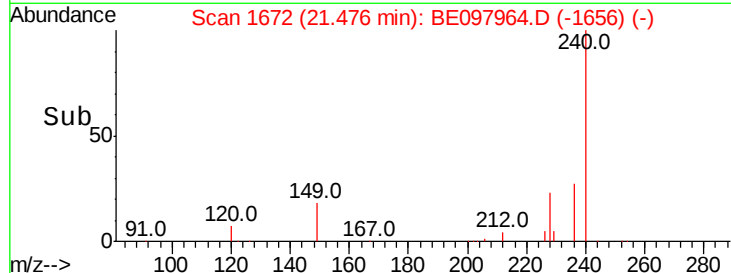
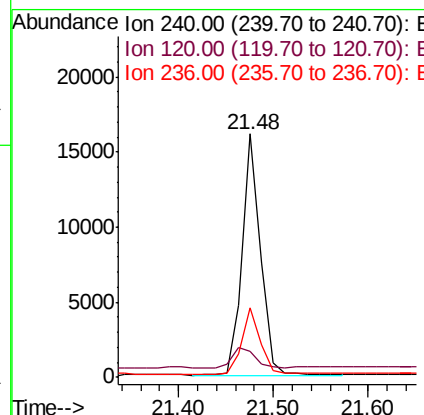
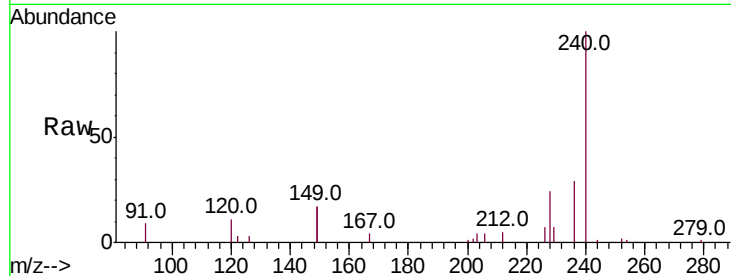
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.48 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097964.D
Acq: 18 Oct 2018 1:39

Instrument :
BNA_E
ClientSampleId :
RE-109D2-20181005MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.1	10.7
236	28.6	21.3	31.9

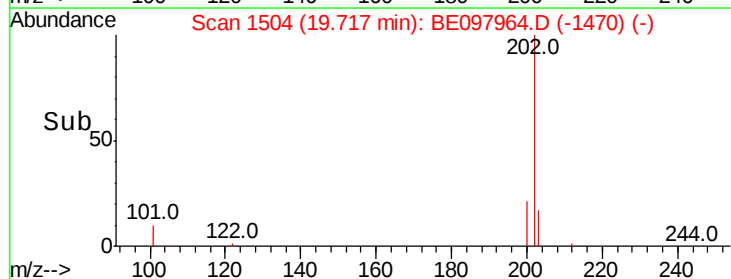
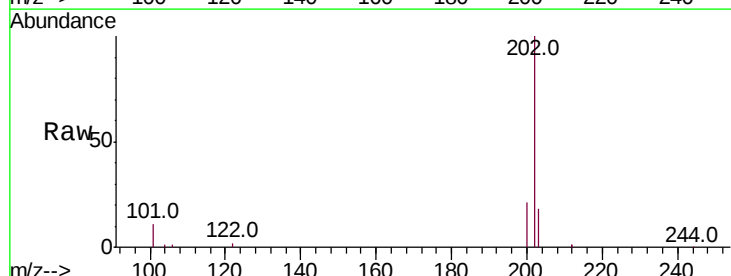
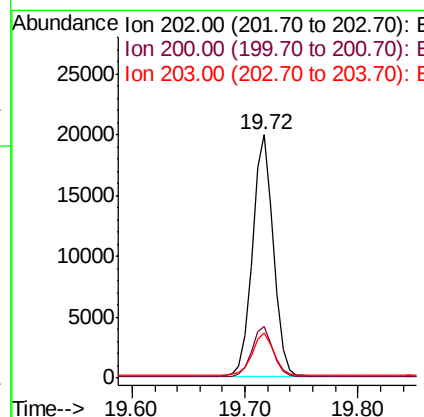
Manual Integrations
APPROVED

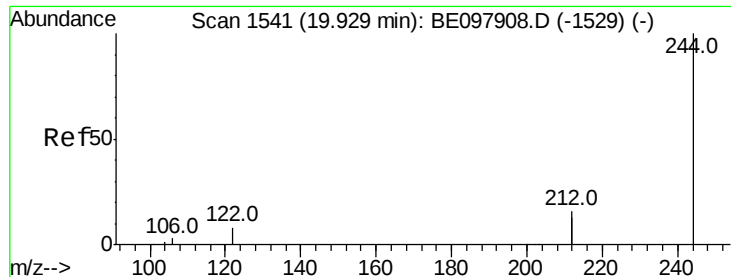
Sohil
10/18/2018 1:57:49 PM



#28
Pyrene
Concen: 0.416 ng
RT: 19.72 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BE097964.D
Acq: 18 Oct 2018 1:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	18.4	14.2	21.4





#29

Terphenyl-d14

Concen: 0.386 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE097964.D

Acq: 18 Oct 2018 1:39

Instrument :

BNA_E

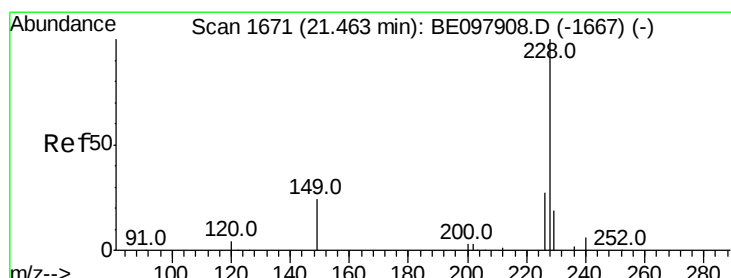
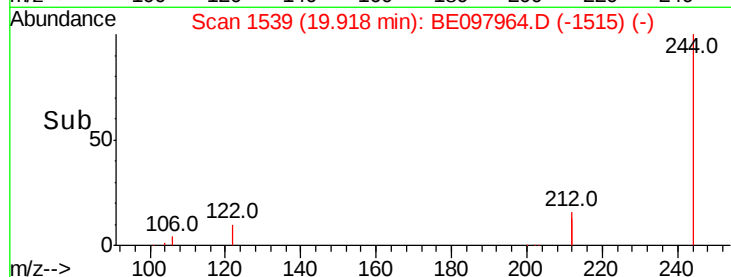
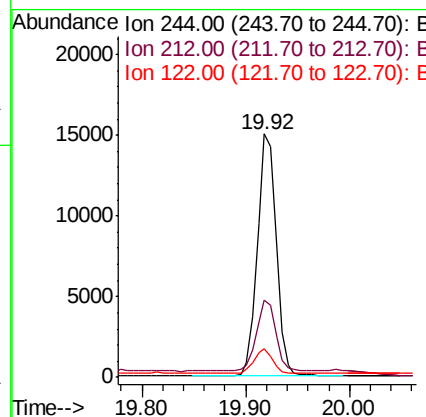
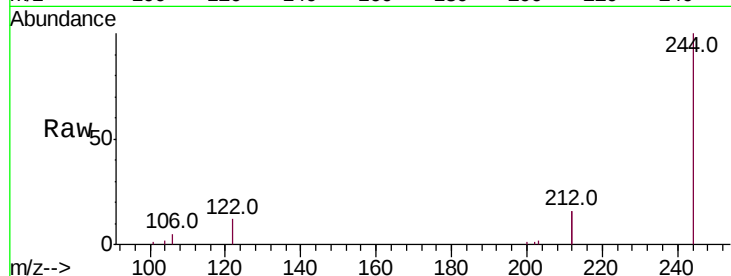
ClientSampleId :

RE-109D2-20181005MS

Tot Ion:	244	Resp:	19023
Ion Ratio	Lower	Upper	
244	100		
212	32.0	26.2	39.2
122	11.8	7.7	11.5#

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#30

Benzo(a)anthracene

Concen: 0.421 ng

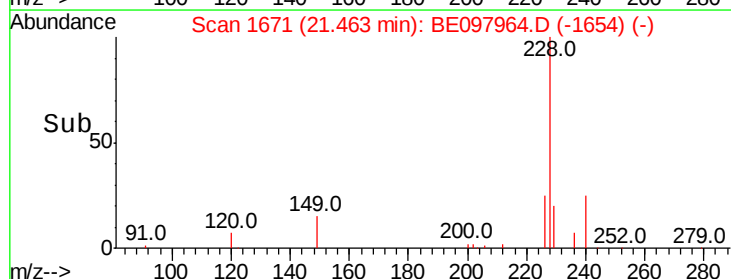
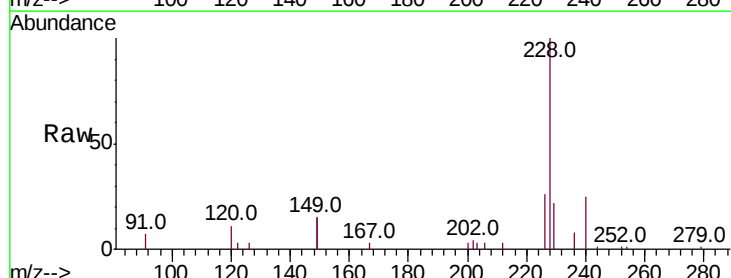
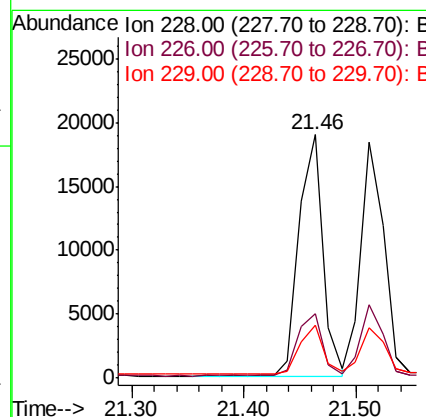
RT: 21.46 min Scan# 1671

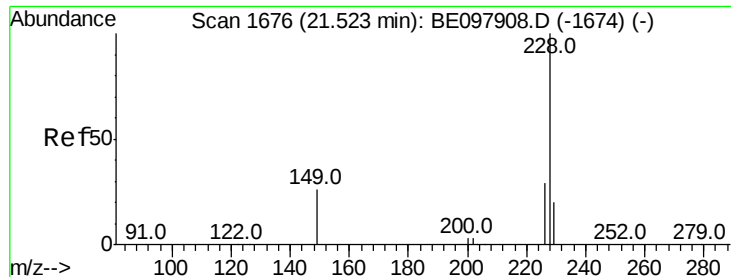
Delta R.T. 0.00 min

Lab File: BE097964.D

Acq: 18 Oct 2018 1:39

Tgt Ion:	228	Resp:	27782
Ion Ratio	Lower	Upper	
228	100		
226	26.2	22.6	33.8
229	21.6	16.9	25.3





#31

Chrysene

Concen: 0.419 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097964.D

Acq: 18 Oct 2018 1:39

Instrument :

BNA_E

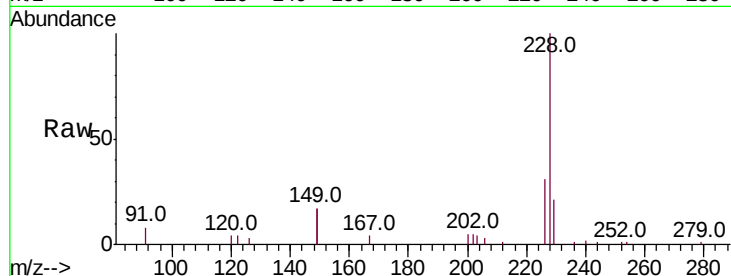
ClientSampleId :

RE-109D2-20181005MS

Tot Ion:	228	Resp:	26225
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.3	36.5
229	21.4	17.3	25.9

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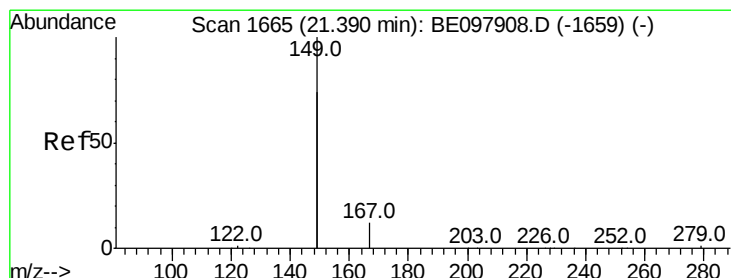
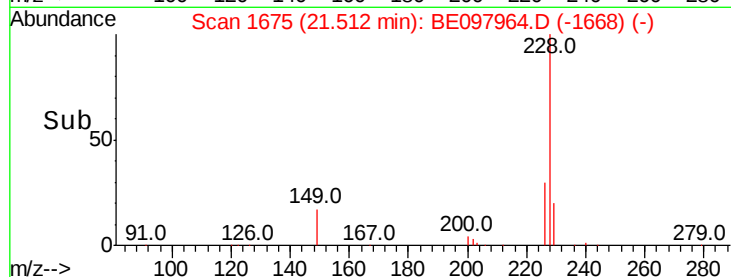
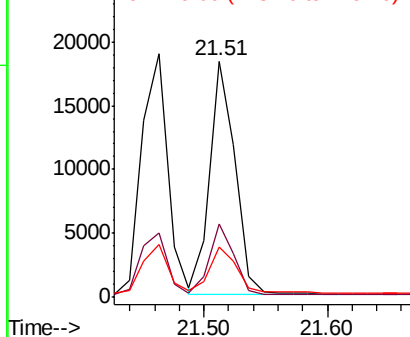


Abundance

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: 0.527 ng

RT: 21.38 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BE097964.D

Acq: 18 Oct 2018 1:39

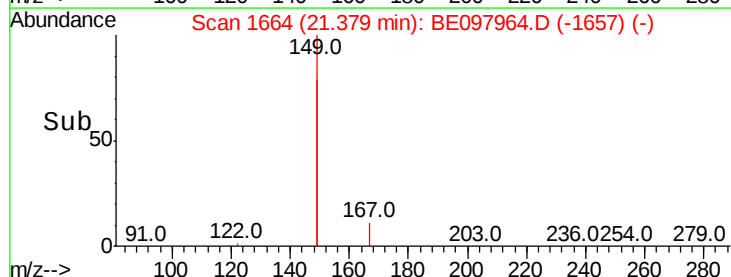
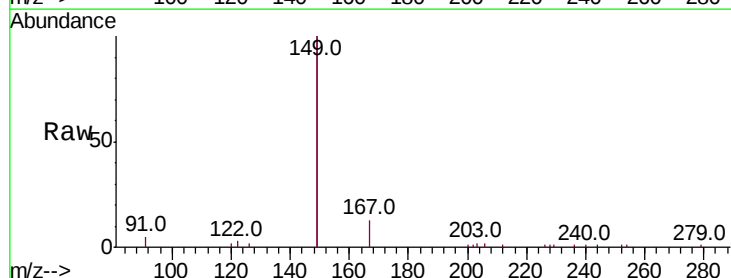
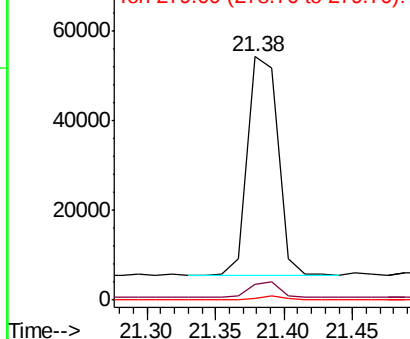
Tgt Ion:	149	Resp:	75478
Ion Ratio	Lower	Upper	
149	100		
167	7.1	5.6	8.4
279	1.1	0.9	1.3

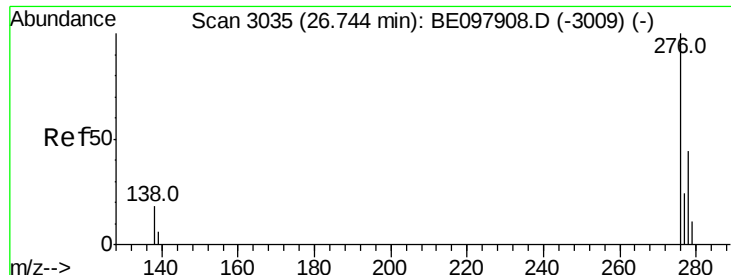
Abundance

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





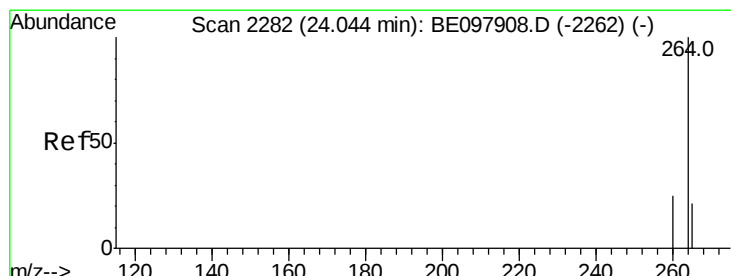
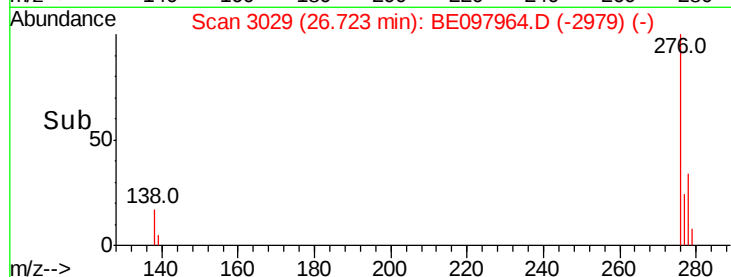
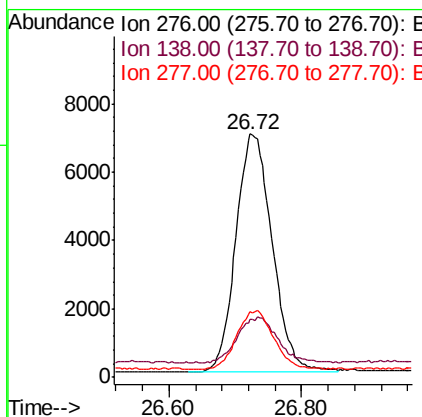
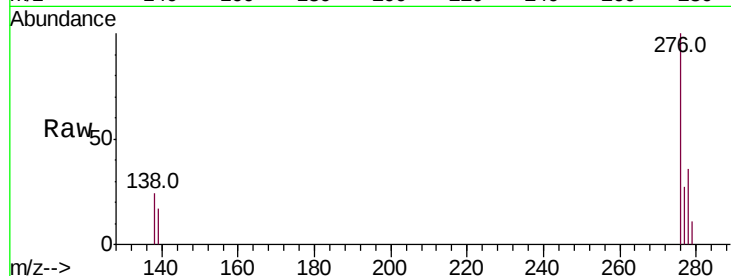
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.378 ng
 RT: 26.72 min Scan# 3029
 Delta R.T. -0.02 min
 Lab File: BE097964.D
 Acq: 18 Oct 2018 1:39

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D2-20181005MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	21.6	17.0	25.6
277	25.2	20.5	30.7

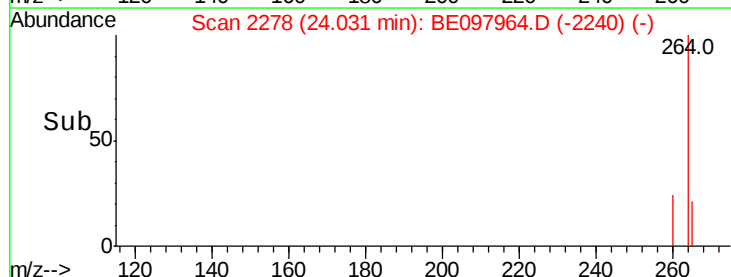
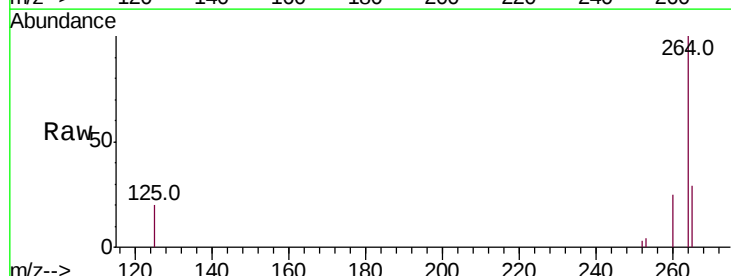
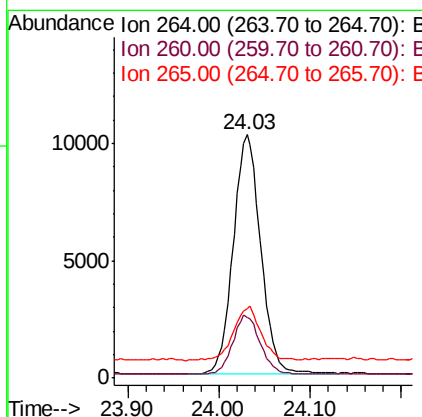
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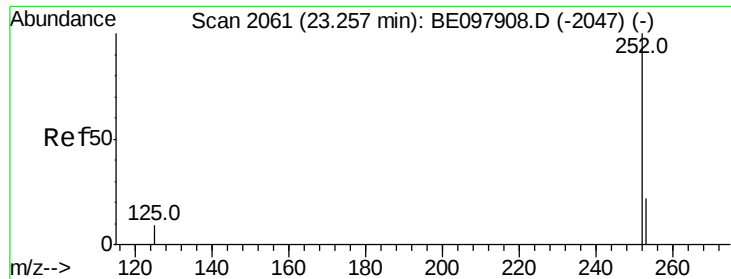
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BE097964.D
 Acq: 18 Oct 2018 1:39

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.9	21.1	31.7
265	28.6	29.2	43.8#





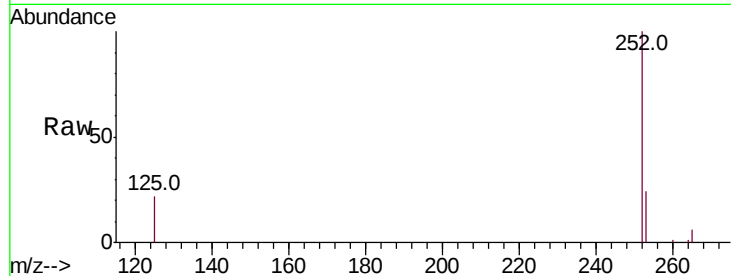
#35
Benzo(b)fluoranthene
Concen: 0.415 ng
RT: 23.25 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BE097964.D
Acq: 18 Oct 2018 1:39

Instrument :
BNA_E
ClientSampleId :
RE-109D2-20181005MS

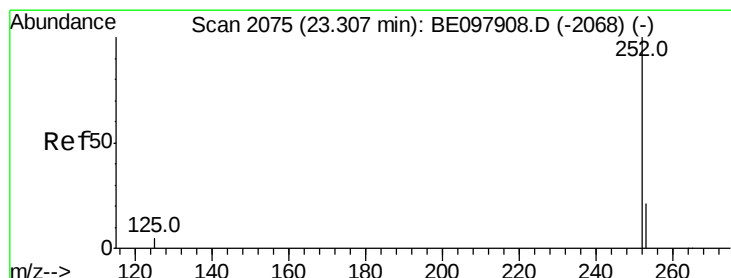
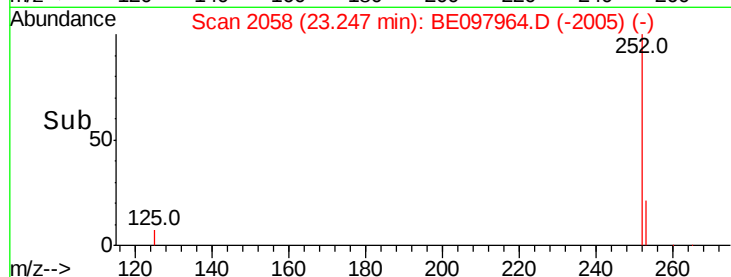
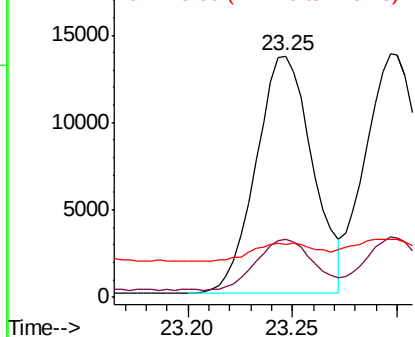
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.6	31.0
125	22.0	14.3	21.5

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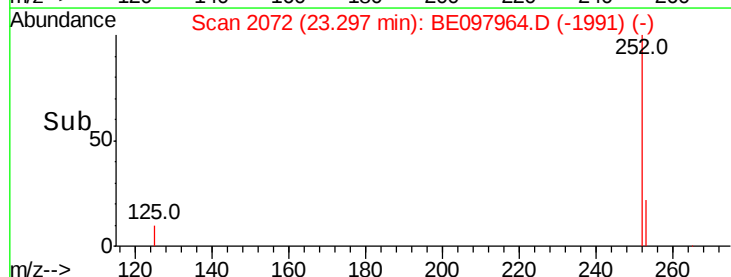
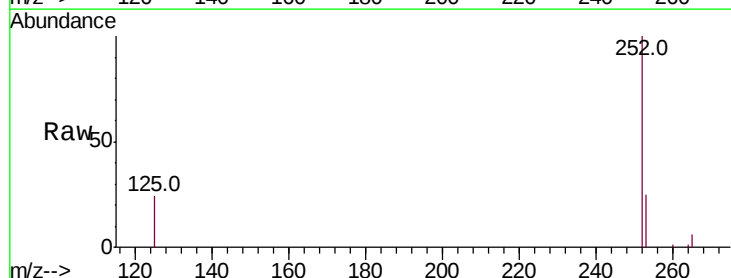
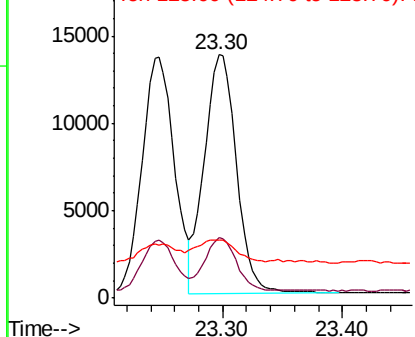
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

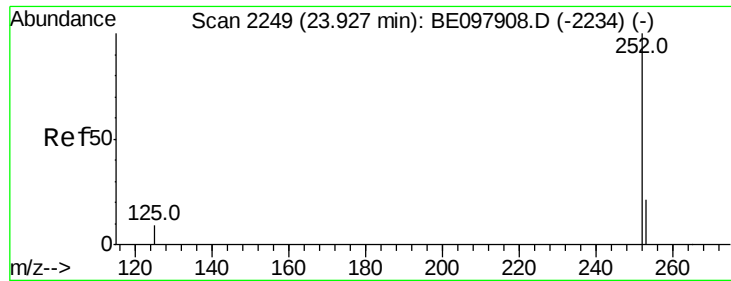


#36
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 23.30 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BE097964.D
Acq: 18 Oct 2018 1:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.4	30.6
125	23.9	14.6	21.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





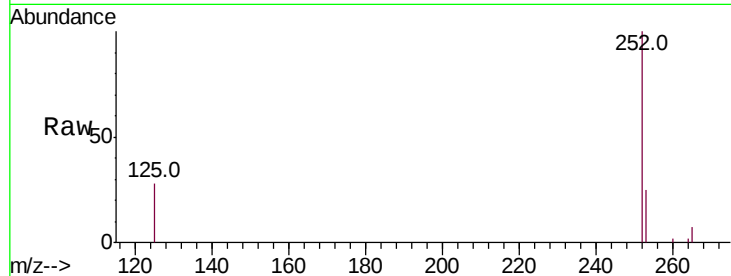
#37
Benzo(a)pyrene
Concen: 0.376 ng
RT: 23.91 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BE097964.D
Acq: 18 Oct 2018 1:39

Instrument :
BNA_E
ClientSampleId :
RE-109D2-20181005MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.6	31.0
125	27.6	15.6	23.4

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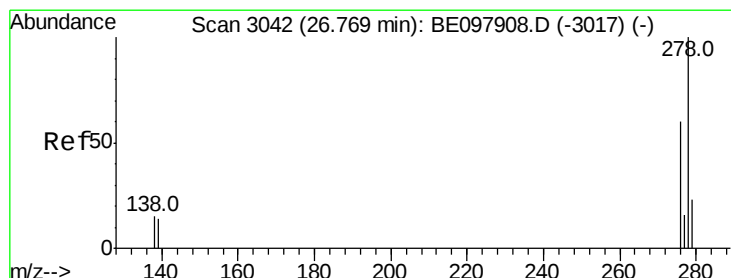
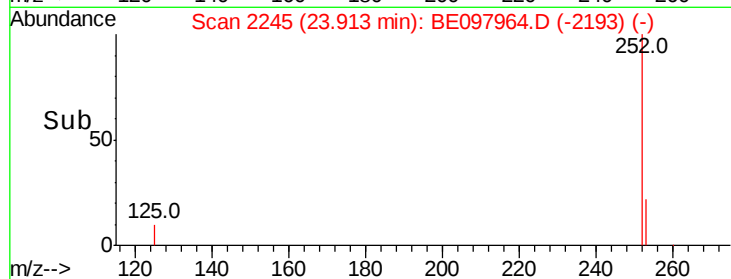
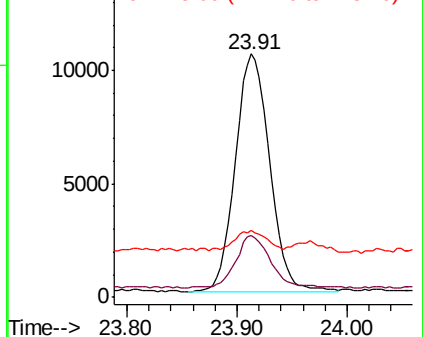


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38
Dibenzo(a,h)anthracene
Concen: 0.382 ng
RT: 26.75 min Scan# 3037
Delta R.T. -0.02 min
Lab File: BE097964.D
Acq: 18 Oct 2018 1:39

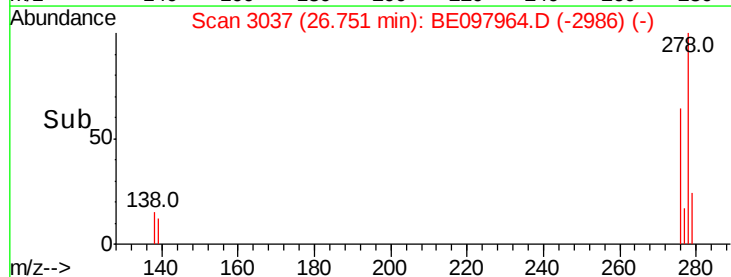
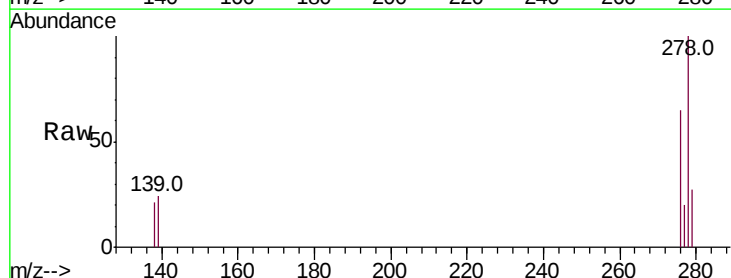
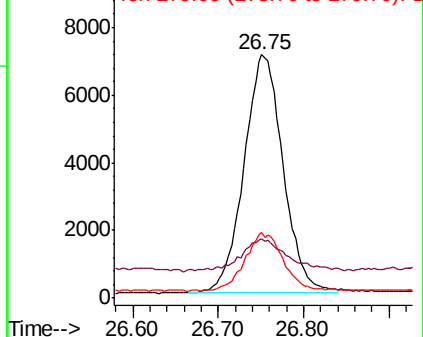
Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.2	16.3	24.5
279	26.9	21.4	32.2

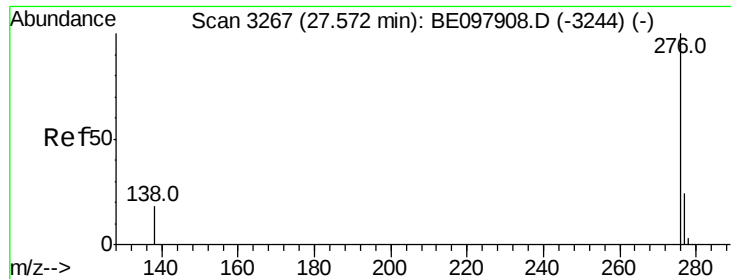
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.320 ng

RT: 27.55 min Scan# 3262

Delta R.T. -0.02 min

Lab File: BE097964.D

Acq: 18 Oct 2018 1:39

Instrument :

BNA_E

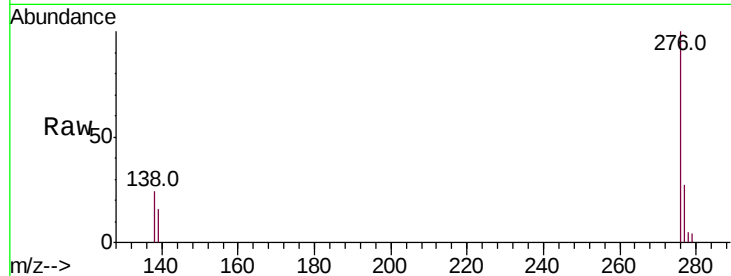
ClientSampleId :

RE-109D2-20181005MS

Tot Ion:	276	Resp:	19235
Ion Ratio	Lower	Upper	
276	100		
277	26.7	22.1	33.1
138	23.9	19.3	28.9

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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

