

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080517\
 Data File : BE093678.D
 Acq On : 5 Aug 2017 17:01
 Operator : SJ/JU
 Sample : I4427-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LASB-12-1

Manual Integrations
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Quant Time: Aug 06 03:19:45 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 10:58:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2845	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	13407	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7849	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	19607	0.40	ng	0.00
27) Chrysene-d12	21.40	240	21106	0.40	ng	-0.01
34) Perylene-d12	23.91	264	18764	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	2858	0.34	ng	0.00
5) Phenol-d6	7.09	99	4380	0.34	ng	-0.01
8) Nitrobenzene-d5	9.06	82	3447	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5907	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	583	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	8526	0.27	ng	-0.02
25) Fluoranthene-d10	19.27	212	53253	0.24	ng	0.00
29) Terphenyl-d14	19.86	244	9730	0.26	ng	0.00
Target Compounds						Qvalue
23) Phenanthrene	17.27	178	980	0.023	ng	# 87
26) Fluoranthene	19.30	202	4023	0.059	ng	# 97
28) Pyrene	19.67	202	3769	0.055	ng	# 89
30) Benzo(a)anthracene	21.39	228	3036	0.049	ng	94
31) Chrysene	21.45	228	2718	0.039	ng	92
32) Bis(2-ethylhexyl)phthalate	21.30	149	30340	0.359	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	1719	0.027	ng	# 92
35) Benzo(b)fluoranthene	23.14	252	3674	0.055	ng	# 79
37) Benzo(a)pyrene	23.80	252	2459	0.041	ng	# 80
39) Benzo(g,h,i)perylene	27.36	276	1733	0.029	ng	# 88

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

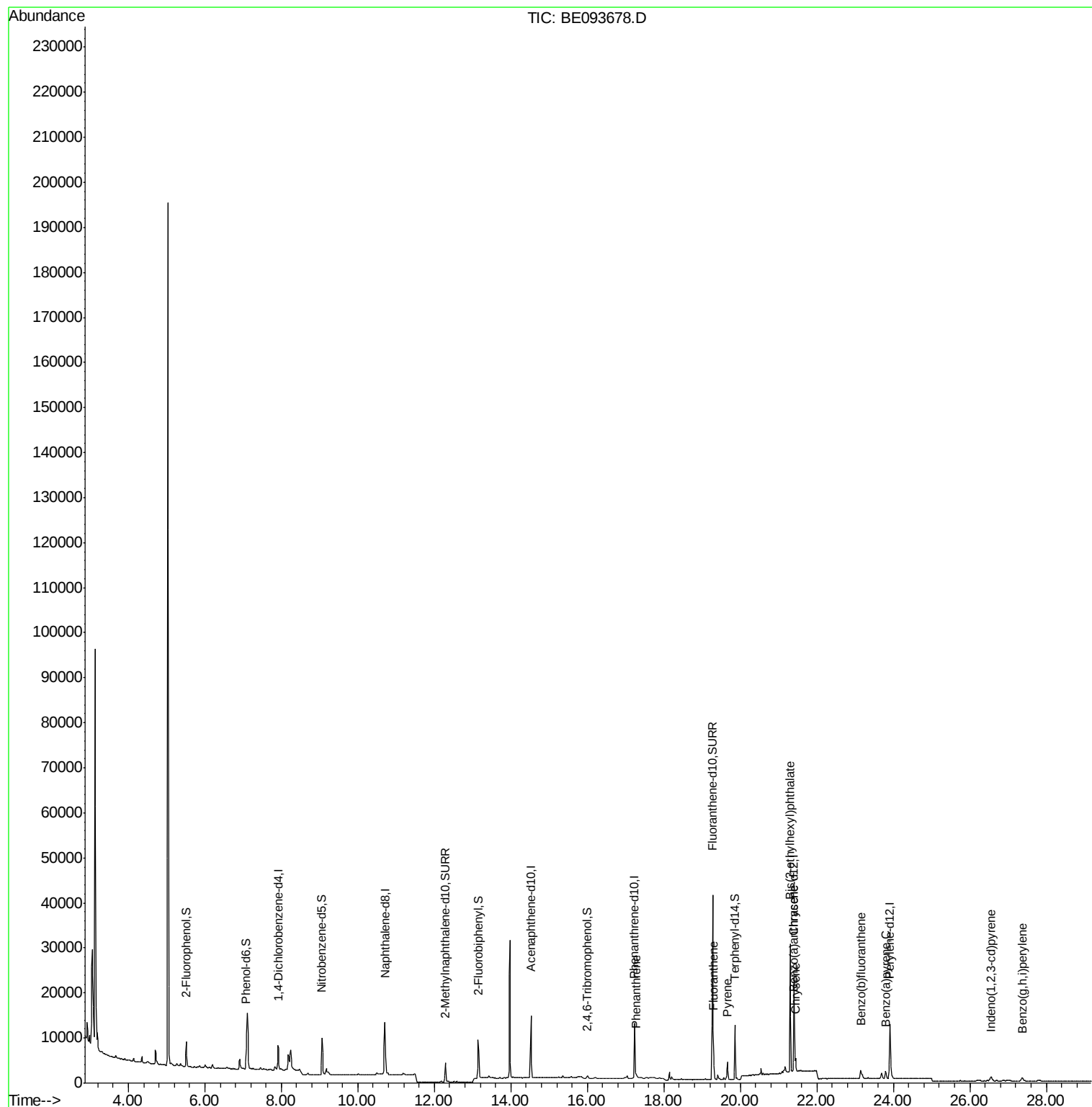
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080517\
Data File : BE093678.D
Acq On : 5 Aug 2017 17:01
Operator : SJ/JU
Sample : I4427-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

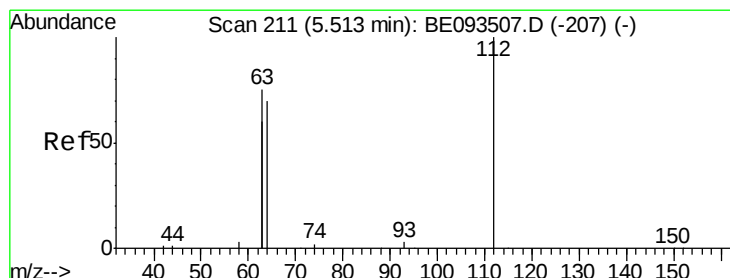
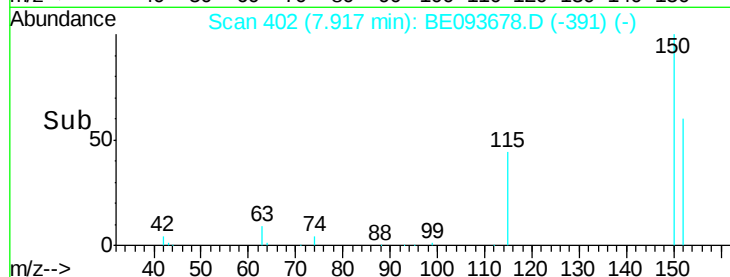
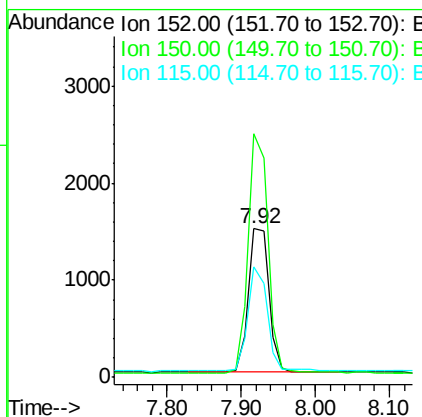
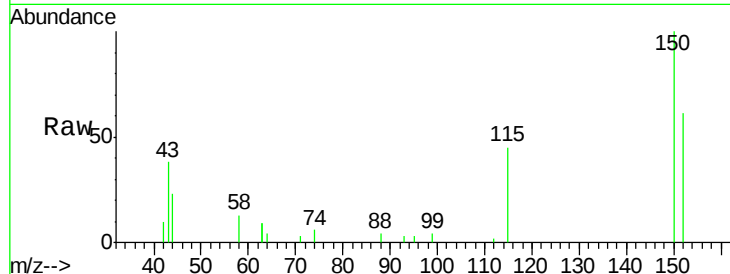
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093678.D
Acq: 5 Aug 2017 17:01

Instrument :
BNA_E
ClientSampleId :
LASB-12-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.6	125.1	187.7
115	74.2	55.7	83.5

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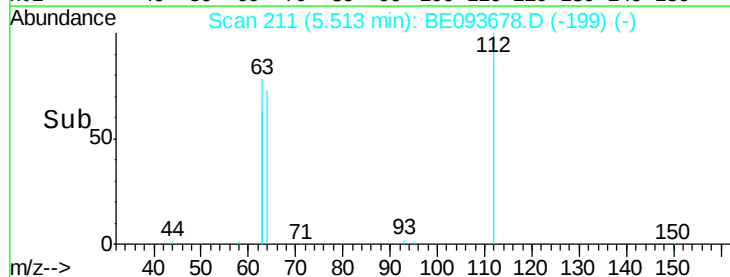
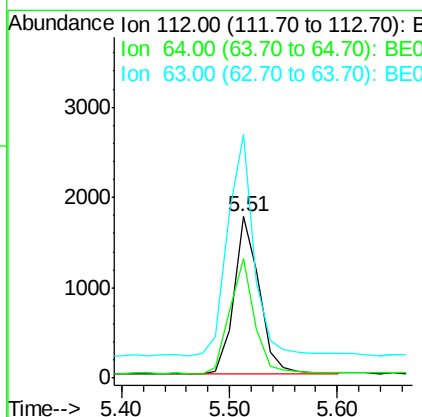
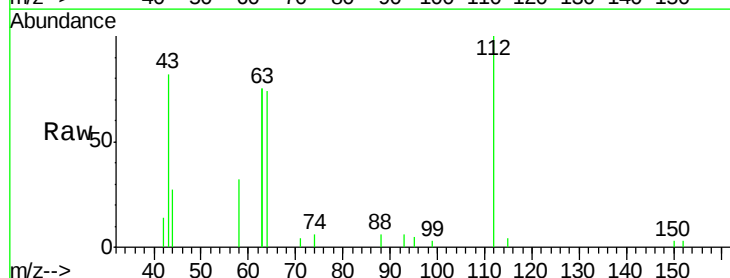
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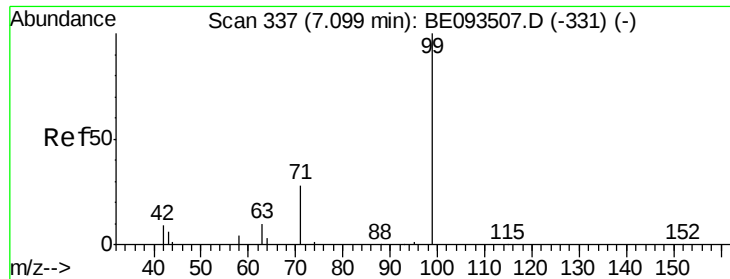


#4

2-Fluorophenol
Concen: 0.337 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093678.D
Acq: 5 Aug 2017 17:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	56.4	84.6
63	142.3	29.3	43.9#





#5

Phenol-d6

Concen: 0.343 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093678.D

Acq: 5 Aug 2017 17:01

Instrument :

BNA_E

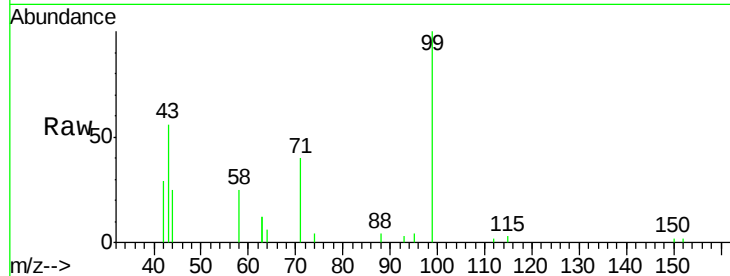
ClientSampleId :

LASB-12-1

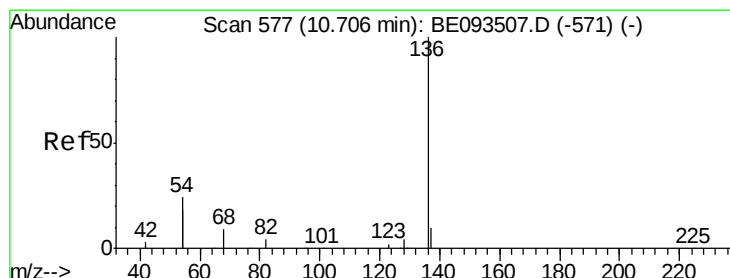
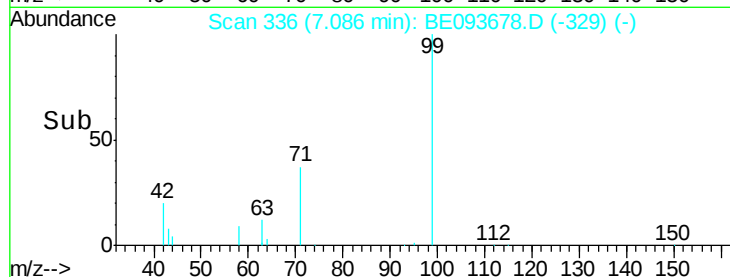
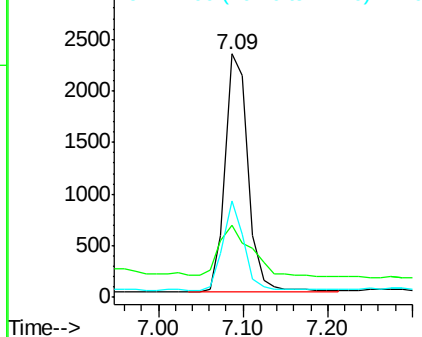
Tgt Ion	Ratio	Resp	Lower	Upper
99	100	4380		
42	29.4	0.0	0.0#	
71	33.6	0.0	0.0#	

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Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

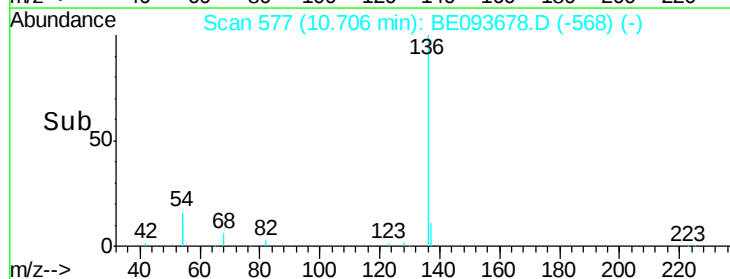
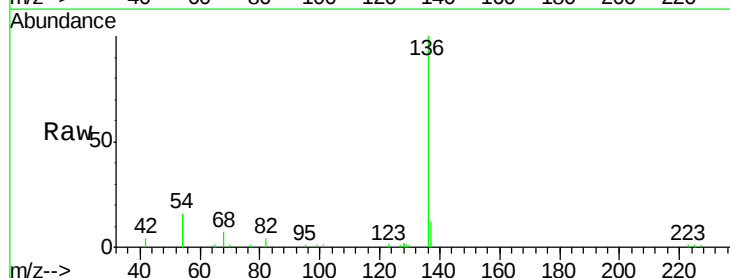
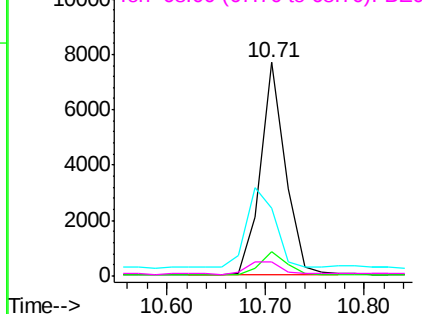
Delta R.T. -0.00 min

Lab File: BE093678.D

Acq: 5 Aug 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	13407		
137	11.5	9.8	14.8	
54	31.9	10.3	15.5#	
68	6.8	9.0	13.4#	

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: 0.337 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093678.D

Acq: 5 Aug 2017 17:01

Instrument :

BNA_E

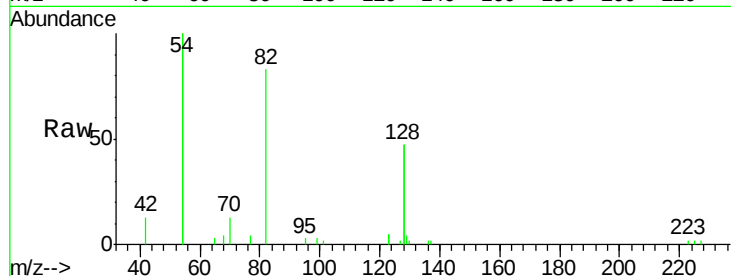
ClientSampled :

LASB-12-1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	113.6	17.0	25.4#
54	242.1	53.8	80.6#

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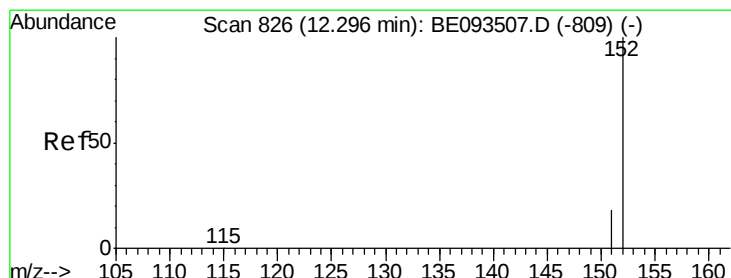
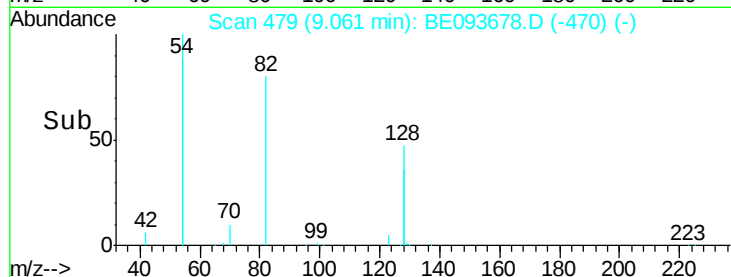
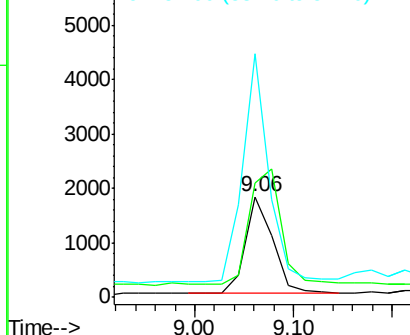
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Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.279 ng

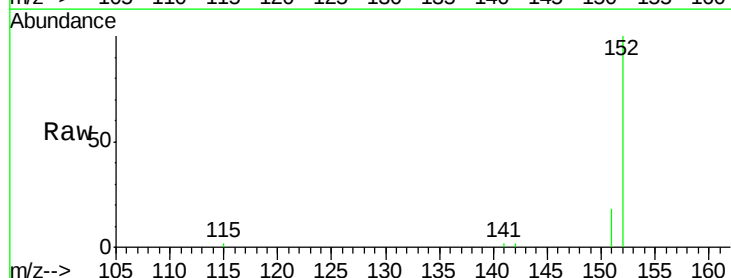
RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093678.D

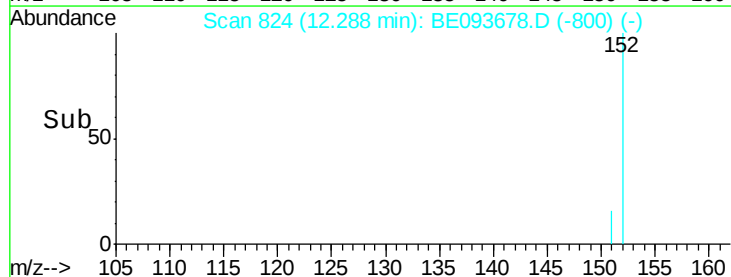
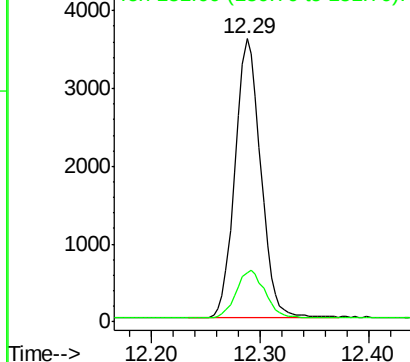
Acq: 5 Aug 2017 17:01

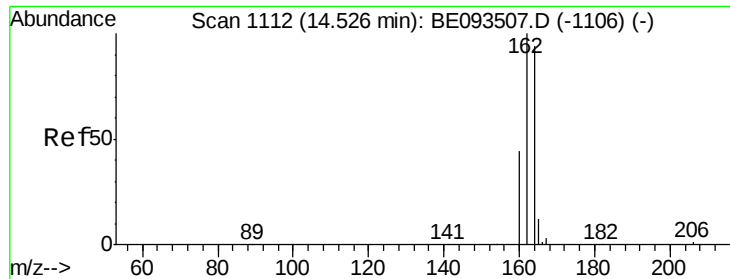
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





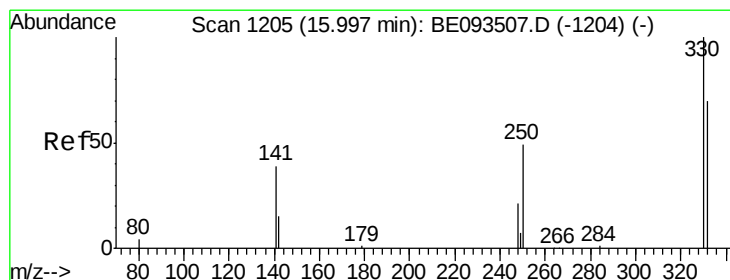
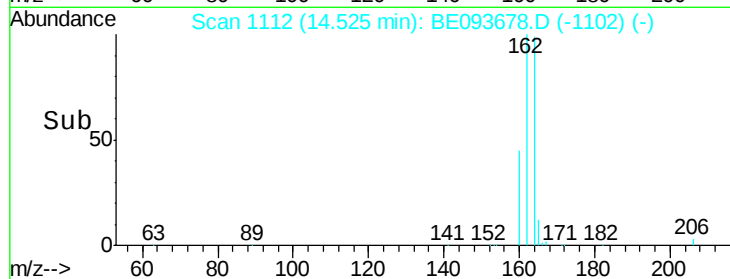
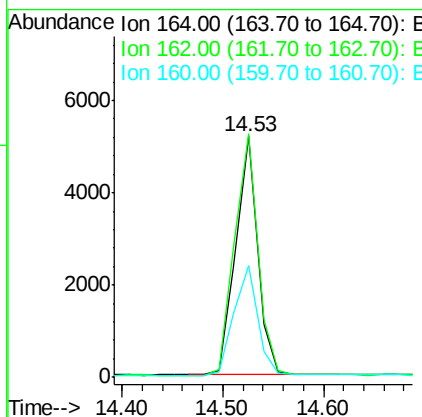
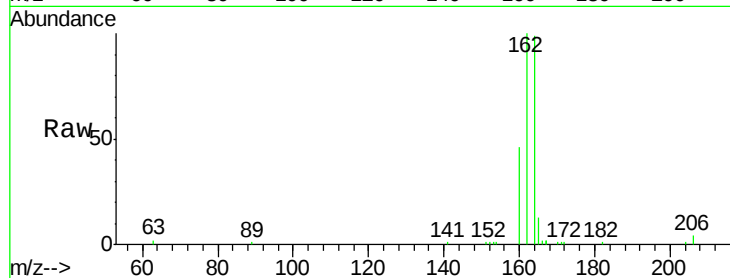
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BE093678.D
 Acq: 5 Aug 2017 17:01

Instrument :
 BNA_E
 ClientSampleId :
 LASB-12-1

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	84.6	127.0
160	46.2	41.8	62.6

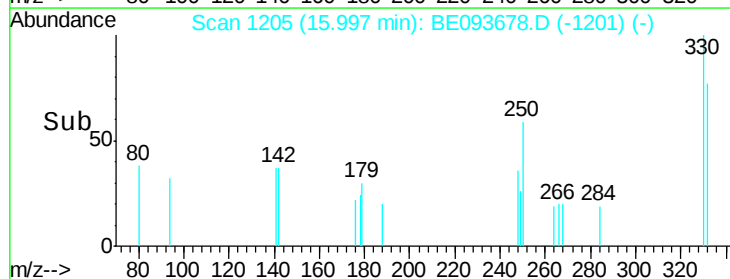
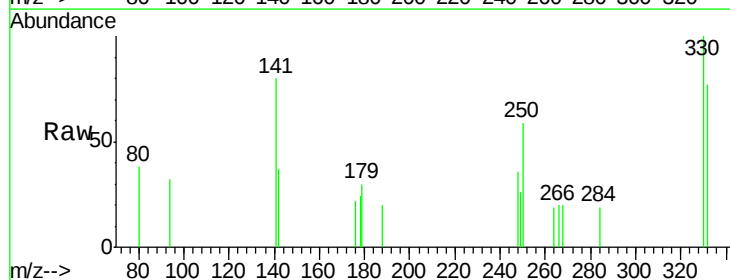
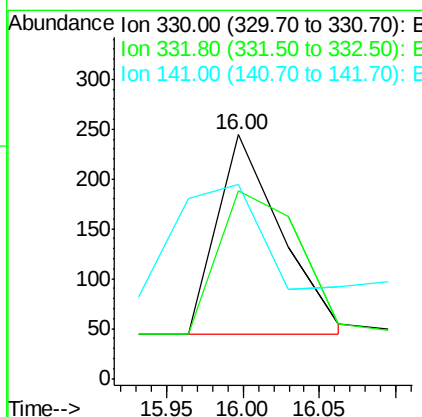
Manual Integrations
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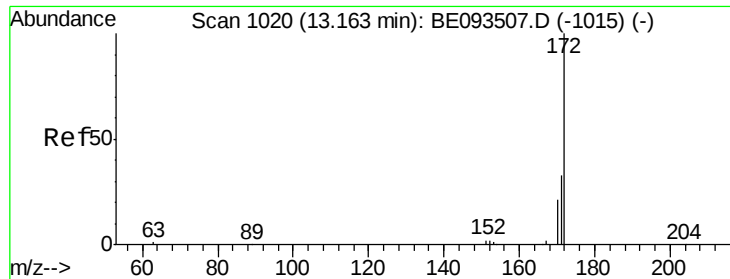
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#14
 2,4,6-Tribromophenol
 Concen: 0.355 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE093678.D
 Acq: 5 Aug 2017 17:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	91.6	77.7	116.5
141	72.7	56.2	84.4





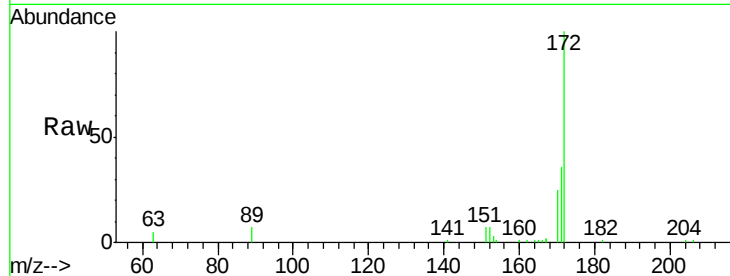
#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093678.D
Acq: 5 Aug 2017 17:01

Instrument :
BNA_E
ClientSampleId :
LASB-12-1

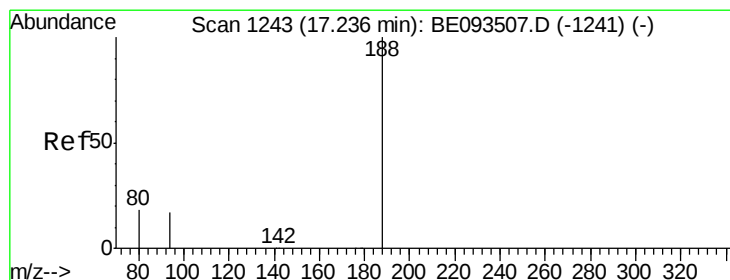
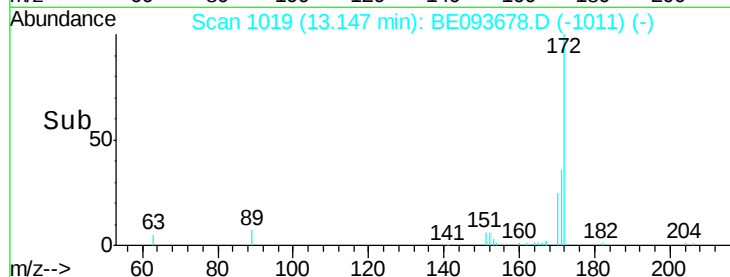
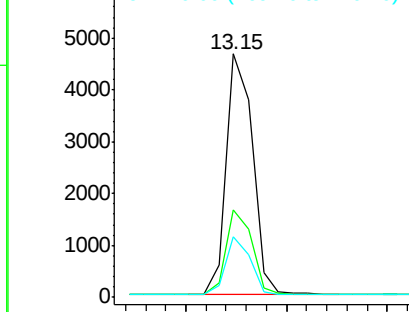
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.8	44.6
170	24.7	20.7	31.1

Manual Integrations
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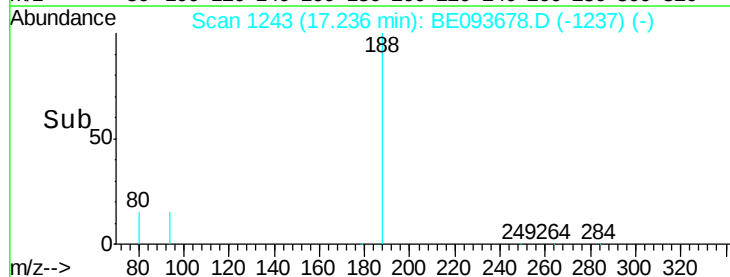
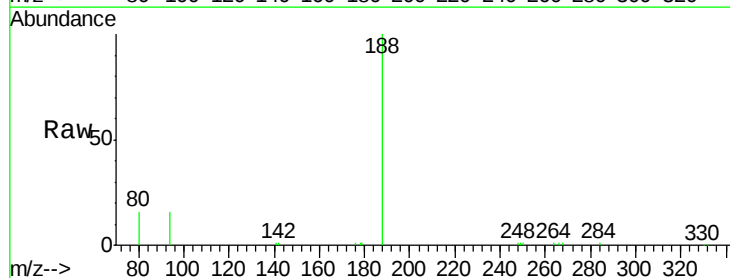
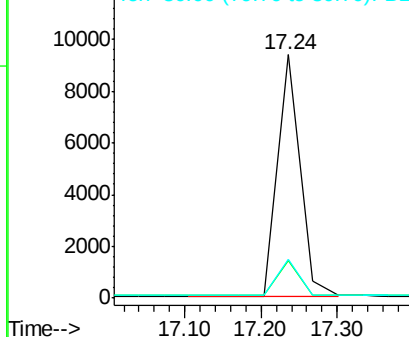
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

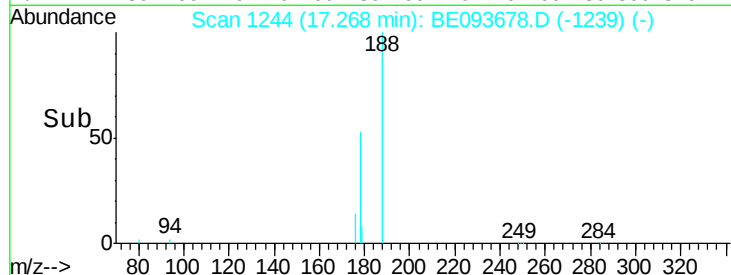
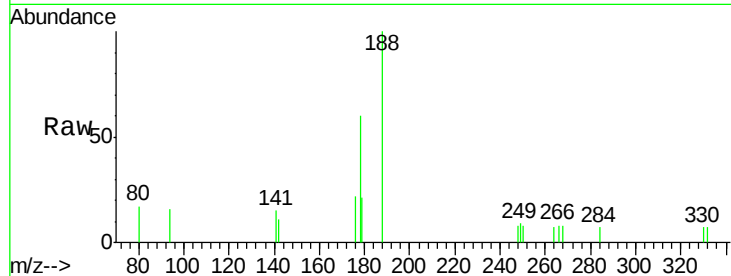
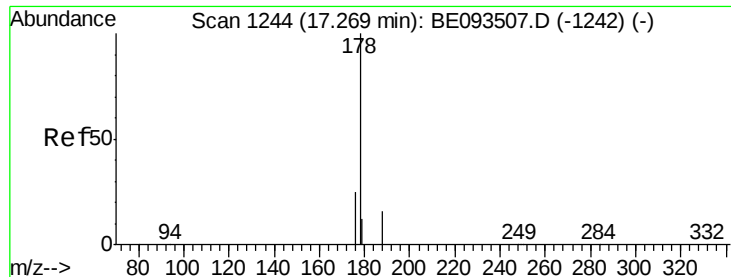


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093678.D
Acq: 5 Aug 2017 17:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	15.6	11.3	16.9
80	16.1	11.7	17.5

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0





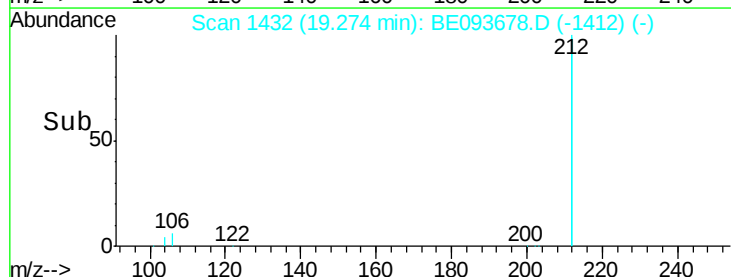
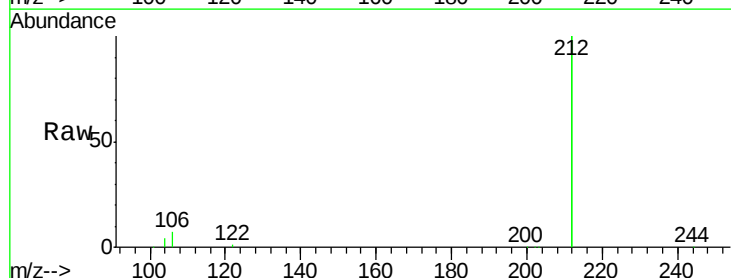
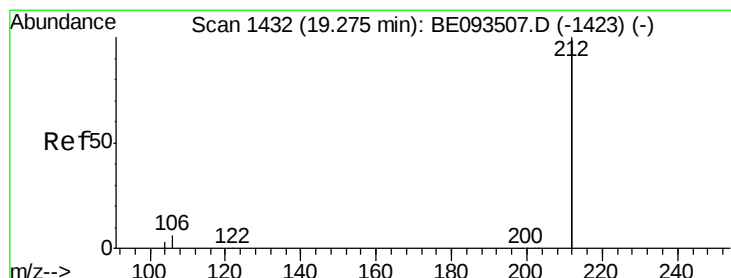
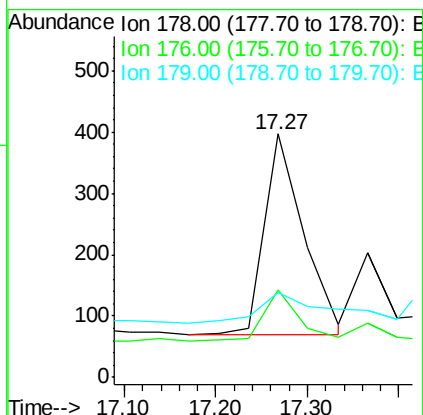
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Phenanthrene
Concen: 0.023 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093678.D
Acq: 5 Aug 2017 17:01

Instrument :
BNA_E
ClientSampleId :
LASB-12-1

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.6	15.0	22.4#
179	23.6	12.7	19.1#

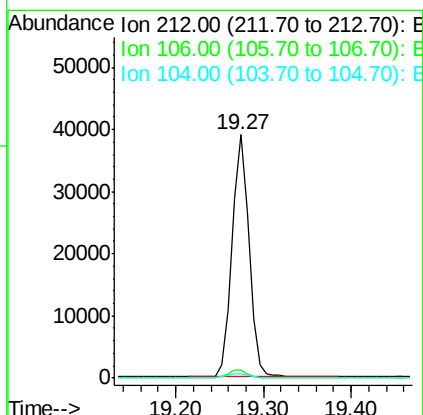
Manual Integrations
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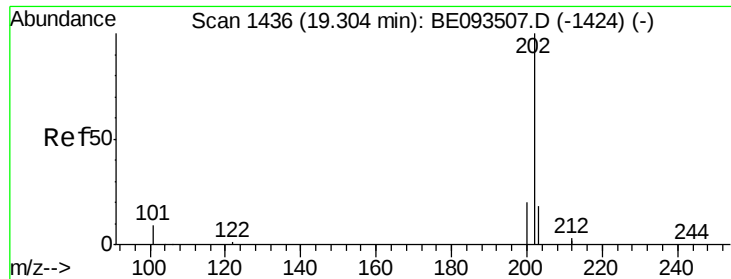
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#25
Fluoranthene-d10
Concen: 0.239 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093678.D
Acq: 5 Aug 2017 17:01

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	2.1	1.6	2.4





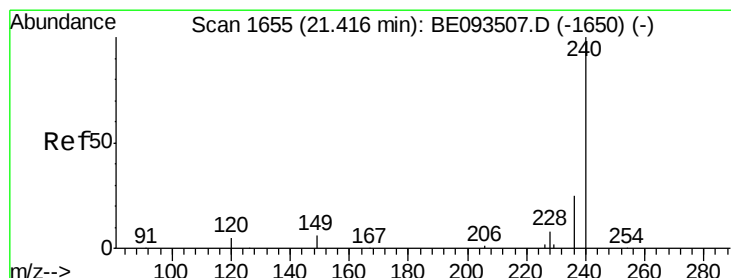
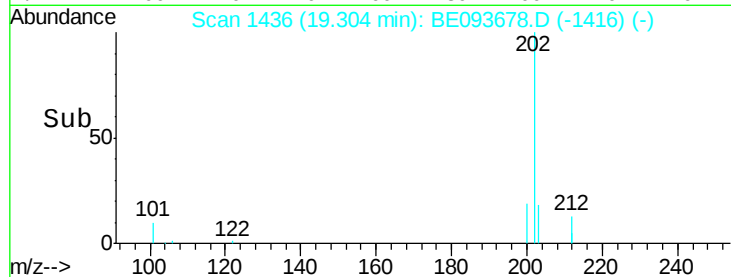
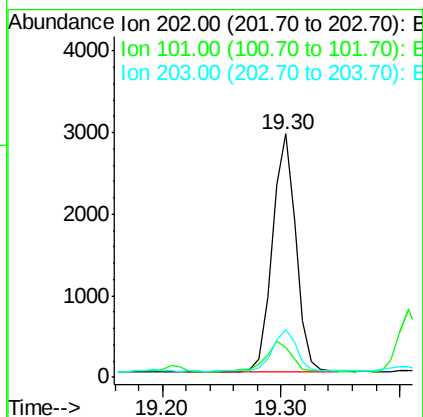
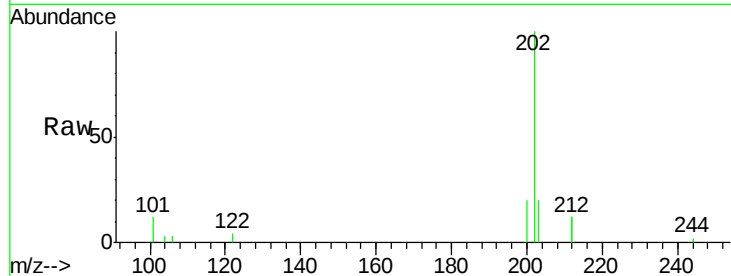
#26
 Fluoranthene
 Concen: 0.059 ng
 RT: 19.30 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BE093678.D
 Acq: 5 Aug 2017 17:01

Instrument :
 BNA_E
 ClientSampleId :
 LASB-12-1

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	9.6	14.4#
203	17.5	14.4	21.6

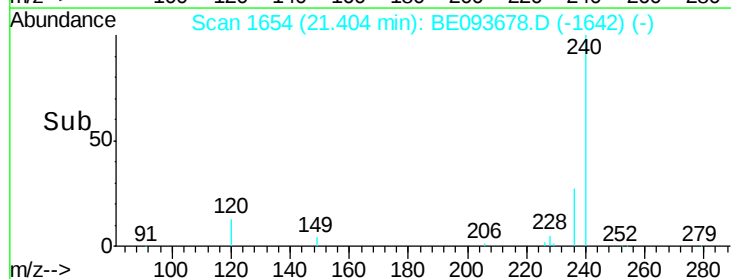
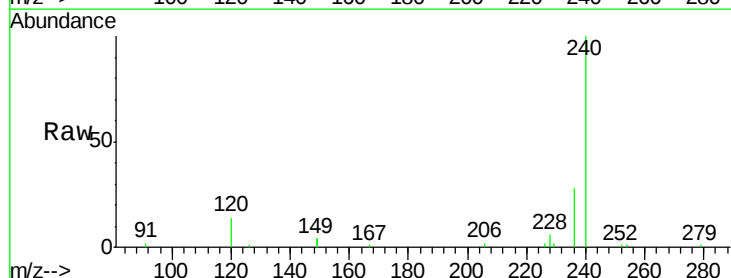
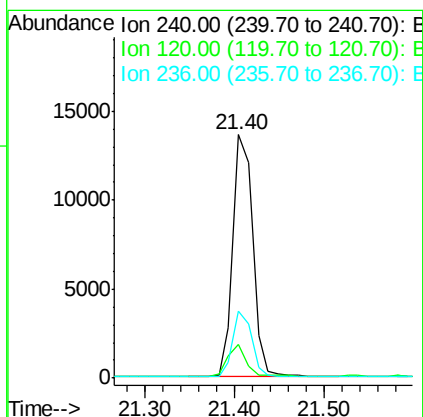
Manual Integrations
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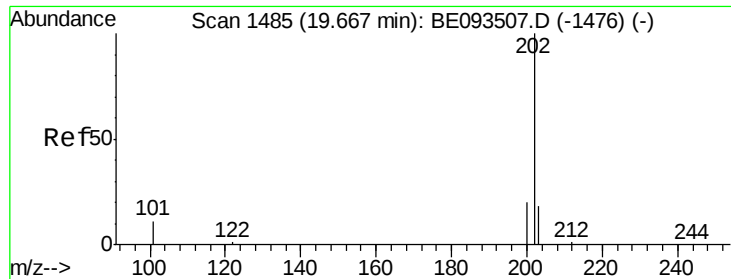
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 8/7/2017 6:05:11 PM



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BE093678.D
 Acq: 5 Aug 2017 17:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.6	4.6	7.0#
236	27.6	20.8	31.2





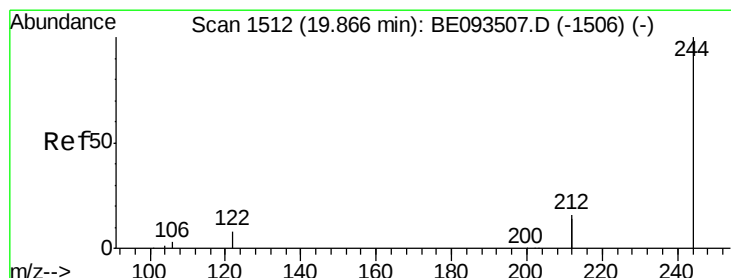
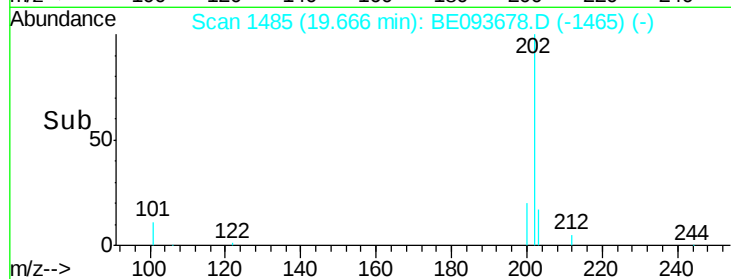
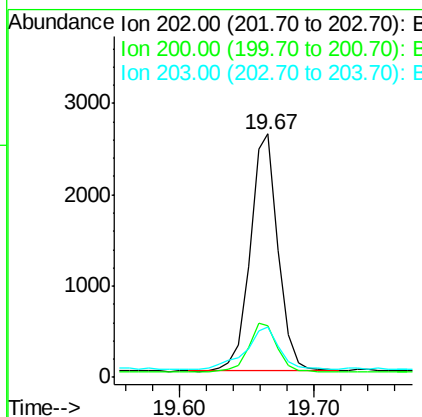
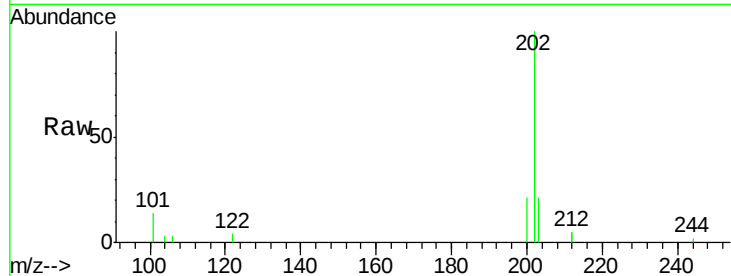
#28
 Pyrene
 Concen: 0.055 ng
 RT: 19.67 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: BE093678.D
 Acq: 5 Aug 2017 17:01

Instrument :
 BNA_E
 ClientSampleId :
 LASB-12-1

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	0.0	0.0#
203	21.9	13.7	20.5#

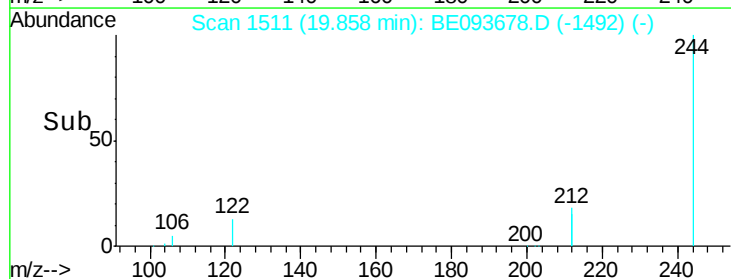
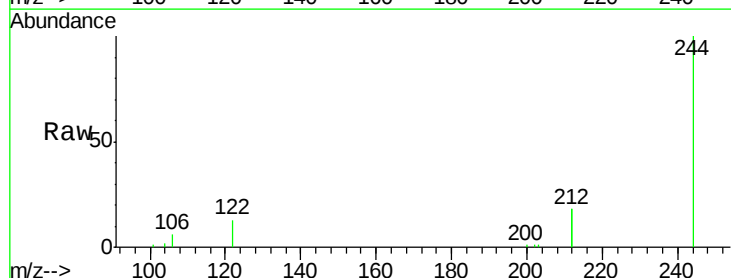
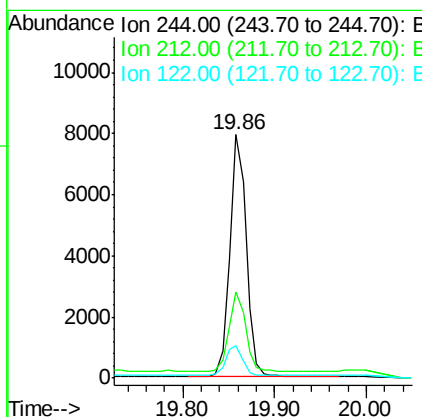
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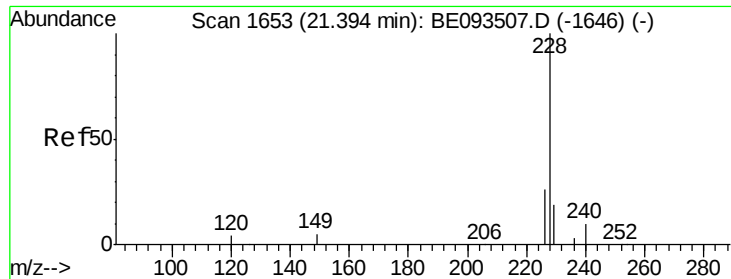
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#29
 Terphenyl-d14
 Concen: 0.257 ng
 RT: 19.86 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BE093678.D
 Acq: 5 Aug 2017 17:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	35.7	10.6	16.0#
122	13.4	15.4	23.0#





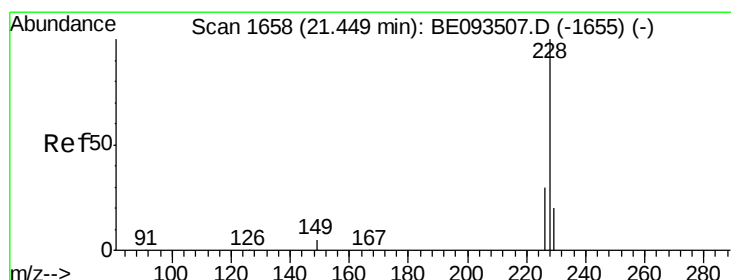
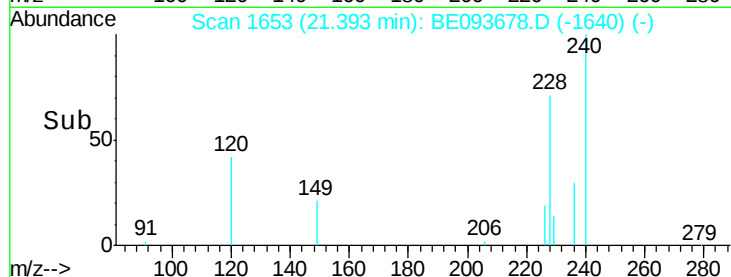
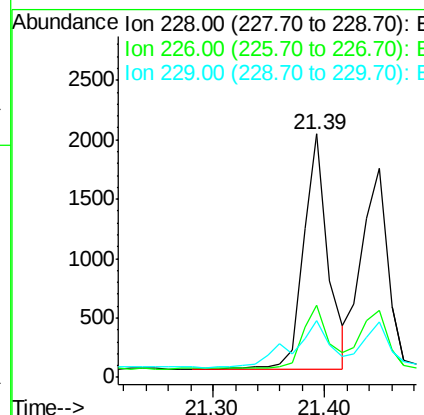
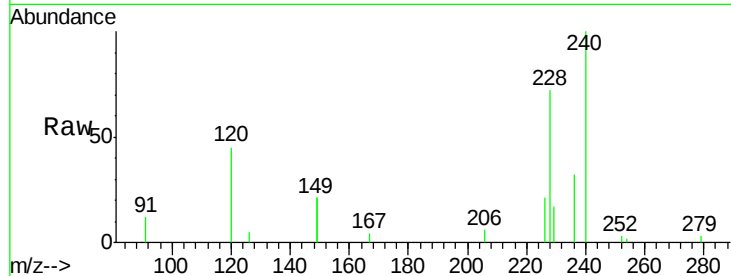
#30
Benzo(a)anthracene
Concen: 0.049 ng
RT: 21.39 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BE093678.D
Acq: 5 Aug 2017 17:01

Instrument :
BNA_E
ClientSampled :
LASB-12-1

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	19.7	29.5
229	23.3	19.2	28.8

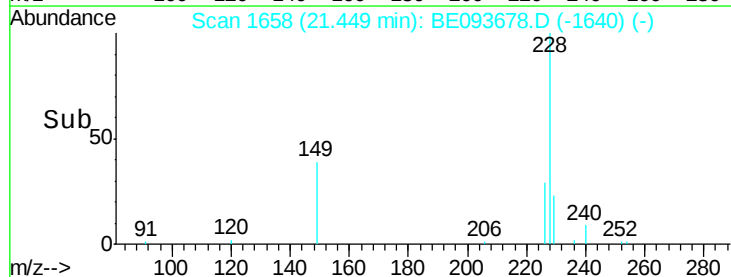
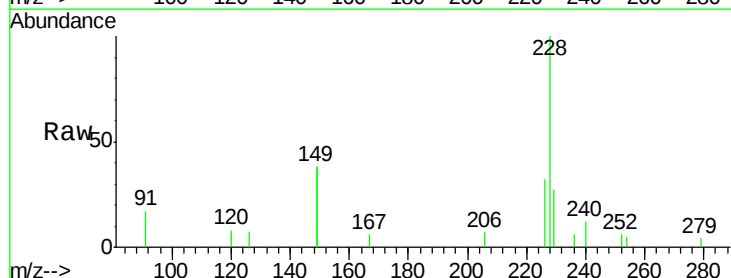
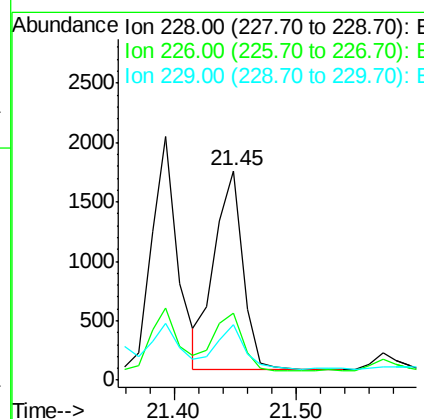
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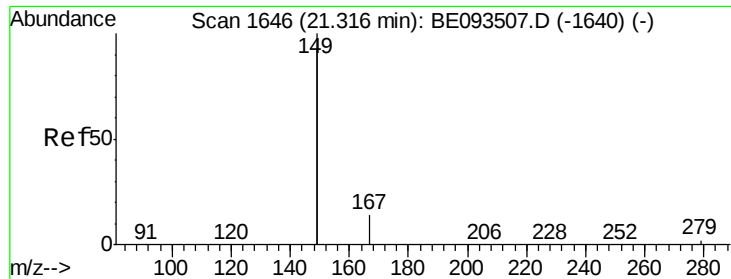
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#31
Chrysene
Concen: 0.039 ng
RT: 21.45 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BE093678.D
Acq: 5 Aug 2017 17:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	21.5	32.3
229	26.7	18.6	28.0





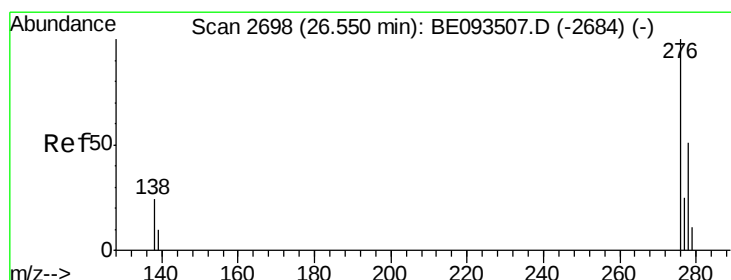
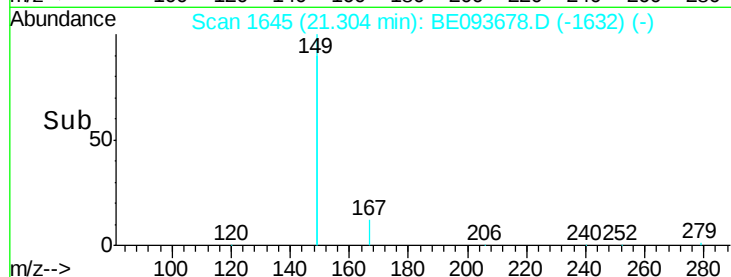
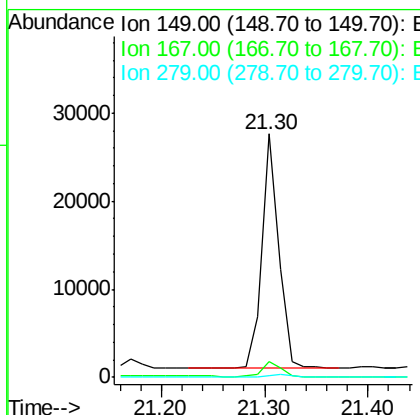
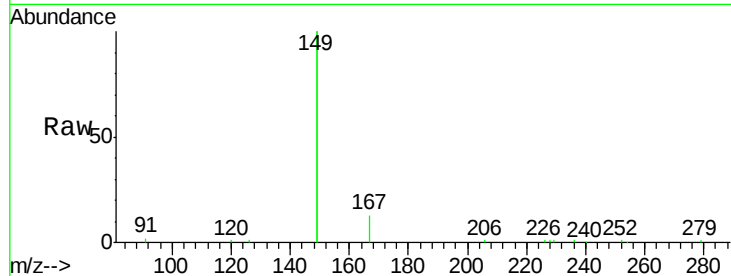
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.359 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BE093678.D
 Acq: 5 Aug 2017 17:01

Instrument :
 BNA_E
 ClientSampleId :
 LASB-12-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	6.7	4.8	7.2
279	1.0	0.8	1.2

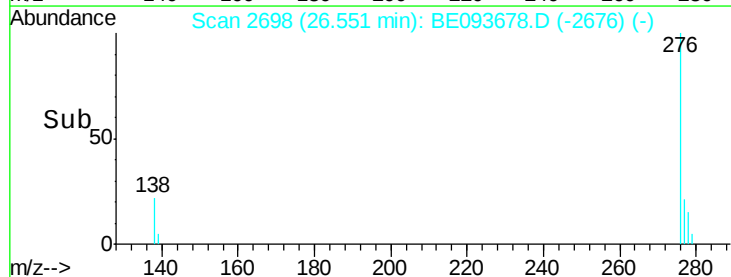
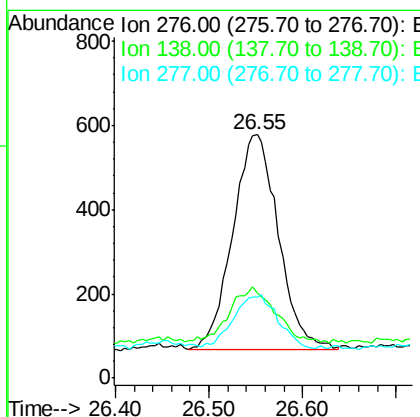
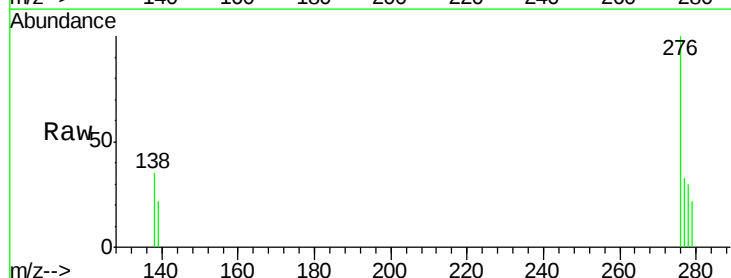
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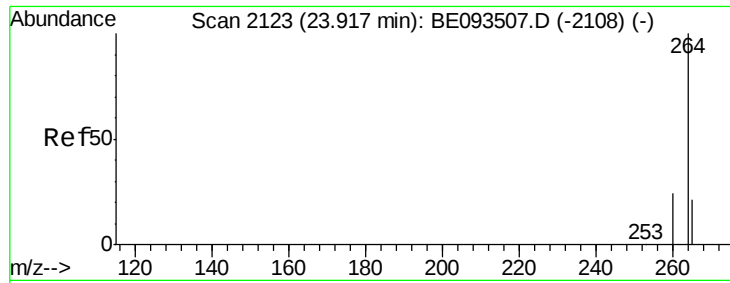
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#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.027 ng
 RT: 26.55 min Scan# 2698
 Delta R.T. 0.00 min
 Lab File: BE093678.D
 Acq: 5 Aug 2017 17:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.9	27.4	41.2#
277	24.7	20.1	30.1





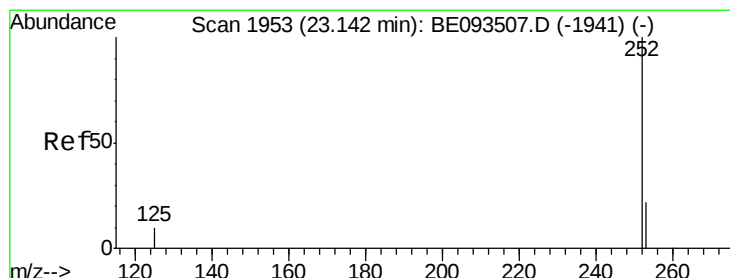
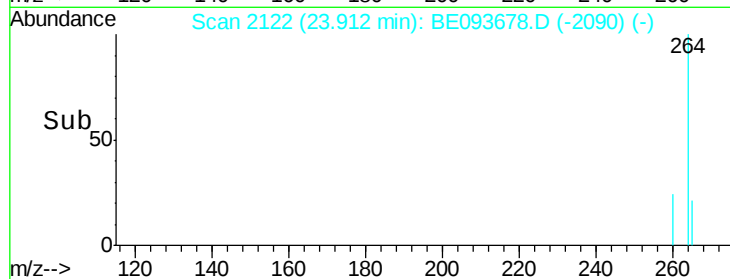
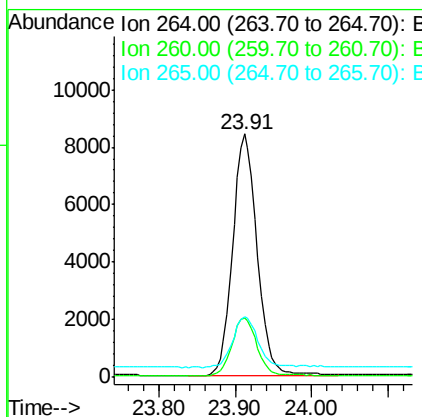
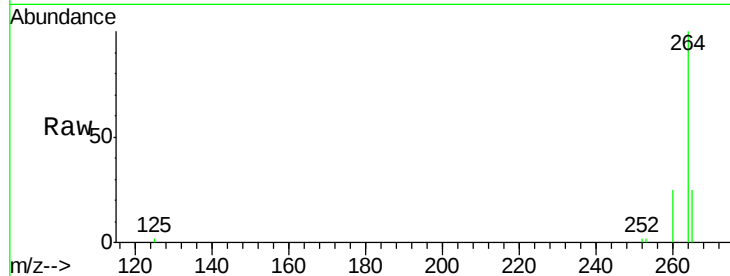
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BE093678.D
 Acq: 5 Aug 2017 17:01

Instrument :
 BNA_E
 ClientSampleId :
 LASB-12-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.0	31.4
265	24.9	24.6	36.8

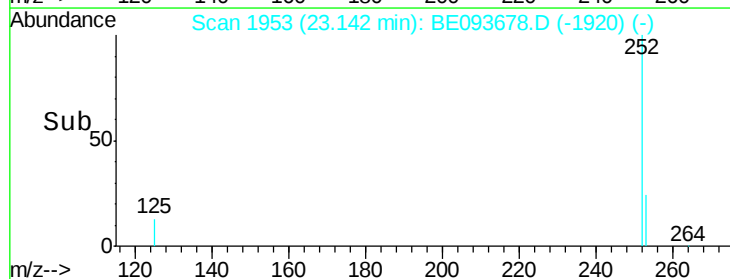
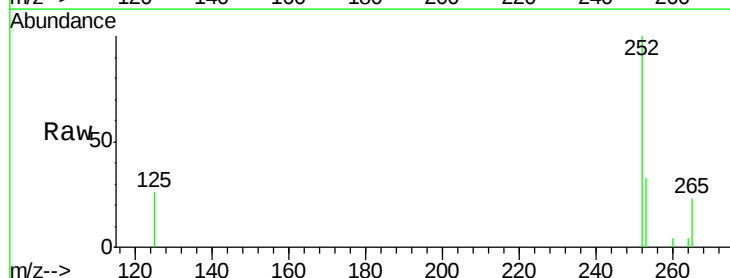
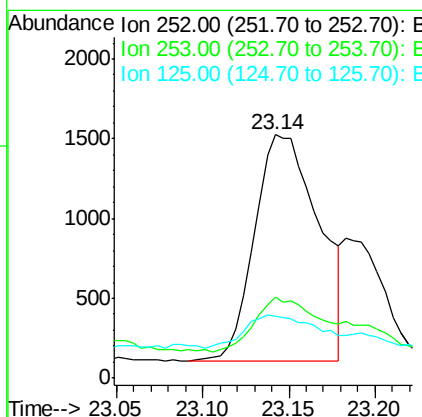
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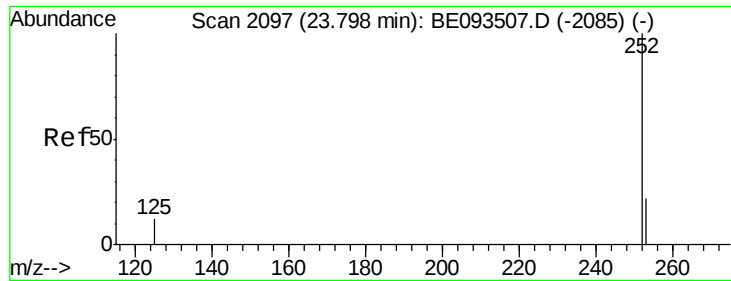
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#35
 Benzo(b)fluoranthene
 Concen: 0.055 ng
 RT: 23.14 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BE093678.D
 Acq: 5 Aug 2017 17:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.5	18.5	27.7#
125	25.6	13.4	20.0#





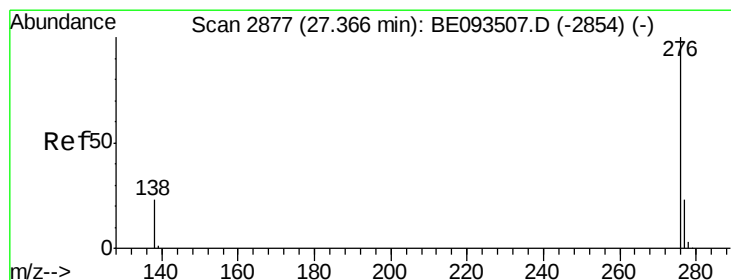
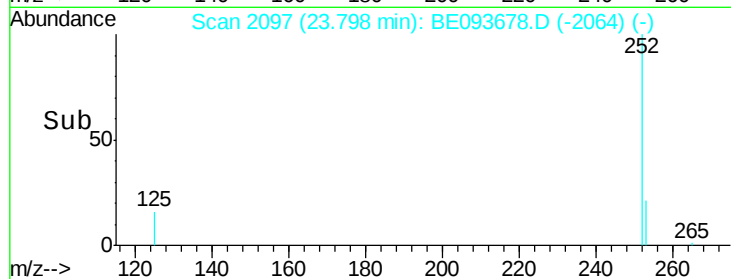
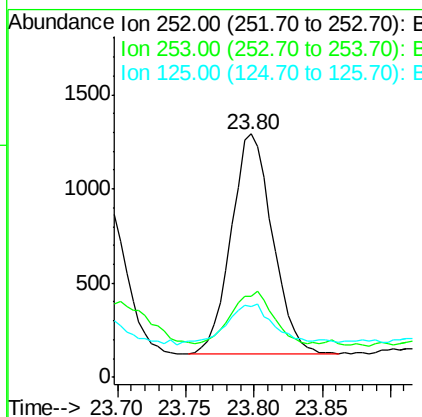
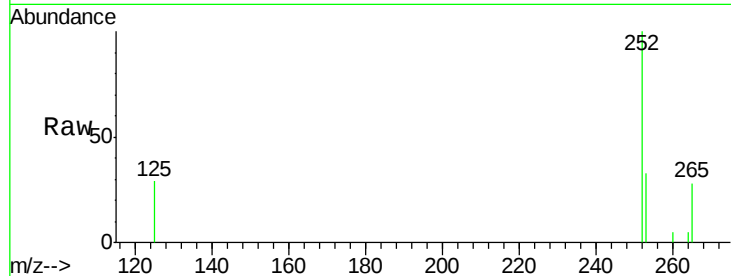
#37
Benzo(a)pyrene
Concen: 0.041 ng
RT: 23.80 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BE093678.D
Acq: 5 Aug 2017 17:01

Instrument :
BNA_E
ClientSampleId :
LASB-12-1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.2	19.9	29.9#
125	28.9	14.6	21.8#

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#39
Benzo(g,h,i)perylene
Concen: 0.029 ng
RT: 27.36 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BE093678.D
Acq: 5 Aug 2017 17:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	33.5	21.2	31.8#
138	36.4	24.5	36.7

