

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE073118\
 Data File : BE097119.D
 Acq On : 31 Jul 2018 13:02
 Operator : SJ/JU
 Sample : J4211-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LW-06-072618

Manual Integrations
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Sohil
 8/1/2018 4:50:05 PM

Quant Time: Jul 31 13:52:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 10:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1471	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	7476	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4594	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	12806	0.40	ng	0.00
27) Chrysene-d12	20.98	240	14641	0.40	ng	0.00
34) Perylene-d12	23.21	264	14027	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	750	0.18	ng	0.01
5) Phenol-d6	6.61	99	642	0.11	ng	0.01
8) Nitrobenzene-d5	8.53	82	2700	0.42	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	4021	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	739	0.49	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	6473	0.41	ng	0.00
25) Fluoranthene-d10	18.81	212	59840	0.47	ng	0.00
29) Terphenyl-d14	19.43	244	14095	0.50	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	495	0.212	ng	# 60
23) Phenanthrene	16.81	178	9308	0.305	ng	# 97
24) Anthracene	16.91	178	2036	0.075	ng	# 90
26) Fluoranthene	18.84	202	12439	0.363	ng	# 94
28) Pyrene	19.20	202	8967	0.223	ng	# 95
30) Benzo(a)anthracene	20.95	228	2459	0.068	ng	# 75
31) Chrysene	21.02	228	2510	0.064	ng	# 72
32) Bis(2-ethylhexyl)phthalate	20.92	149	11734	0.308	ng	# 98
35) Benzo(b)fluoranthene	22.54	252	1431	0.040	ng	# 31

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

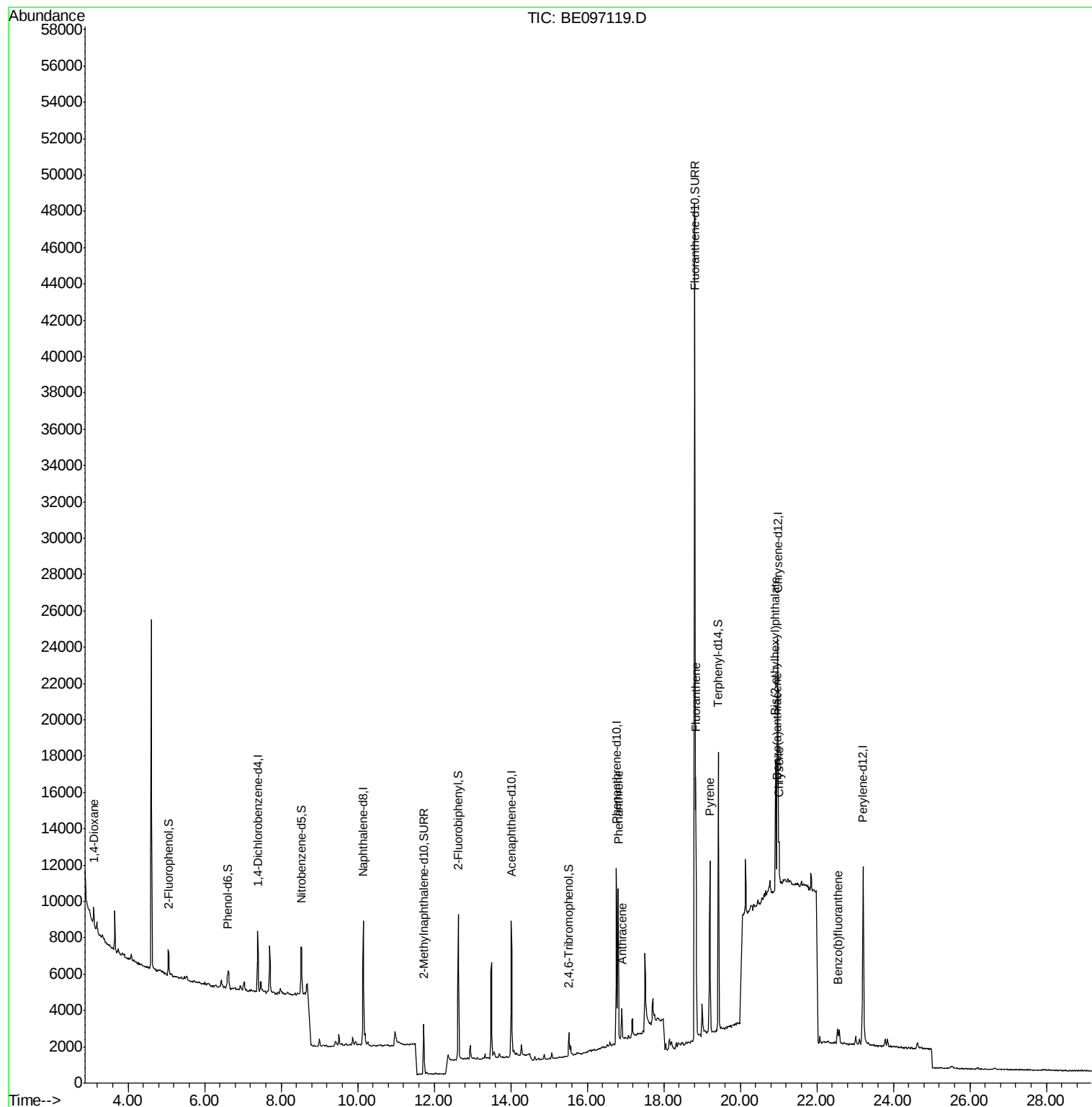
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE073118\
Data File : BE097119.D
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ALS Vial : 8 Sample Multiplier: 1

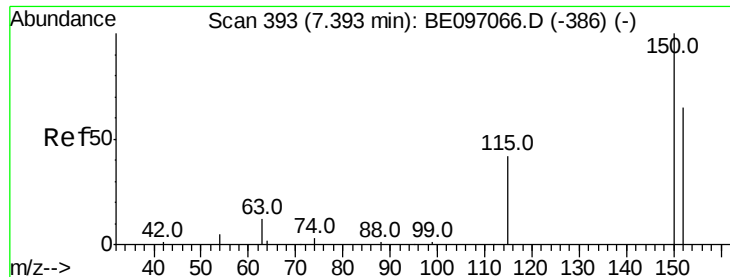
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. 0.00 min

Lab File: BE097119.D

Acq: 31 Jul 2018 13:02

Instrument :

BNA_E

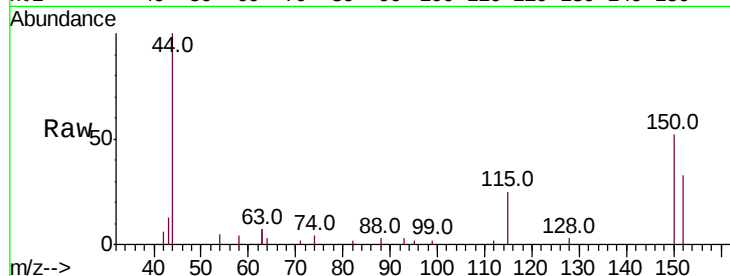
ClientSampleId :

LW-06-072618

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	117.2	175.8
115	73.4	57.0	85.6

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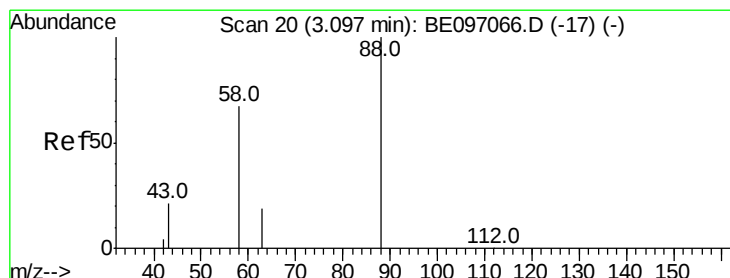
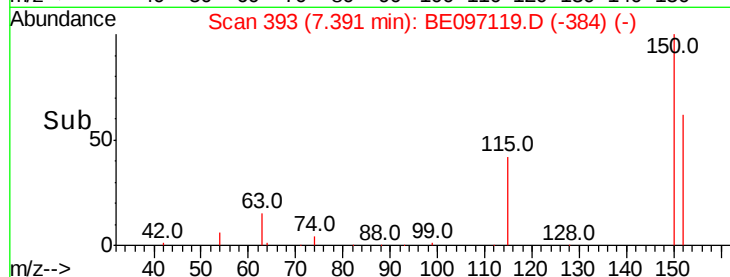
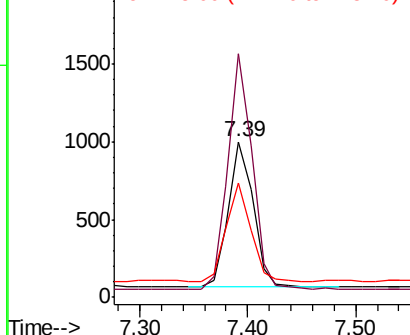


Abundance

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: 0.212 ng

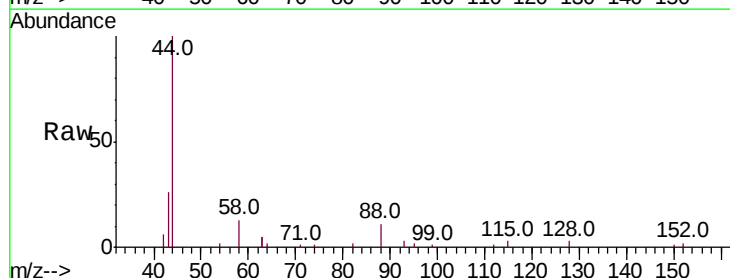
RT: 3.10 min Scan# 20

Delta R.T. 0.00 min

Lab File: BE097119.D

Acq: 31 Jul 2018 13:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.8	63.2	94.8#
43	96.4	41.2	61.8#

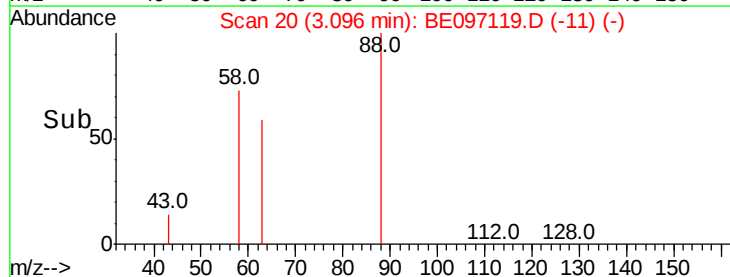
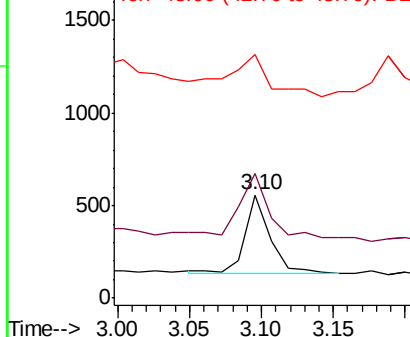


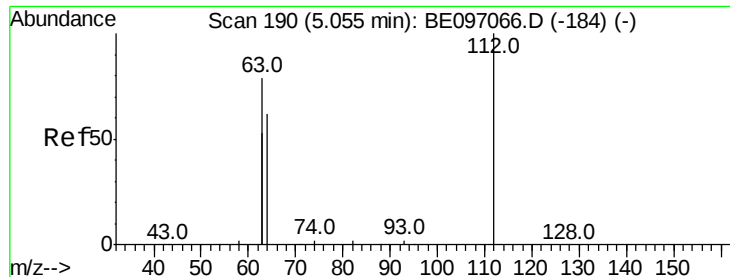
Abundance

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: 0.181 ng

RT: 5.07 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097119.D

Acq: 31 Jul 2018 13:02

Instrument :

BNA_E

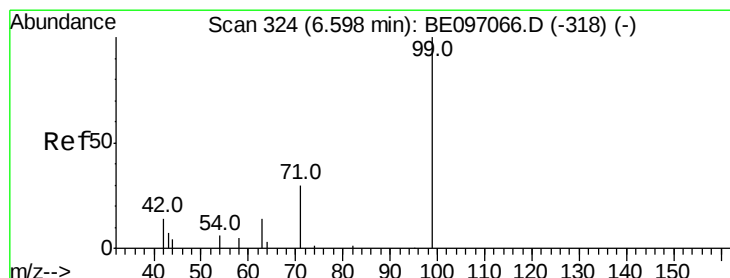
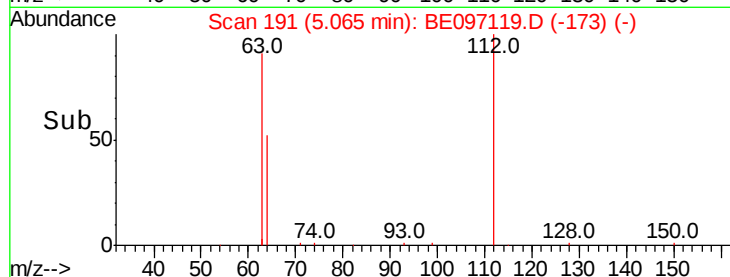
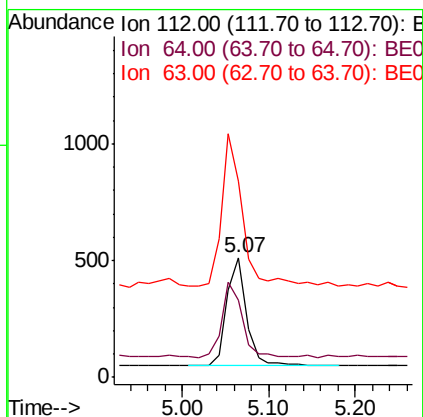
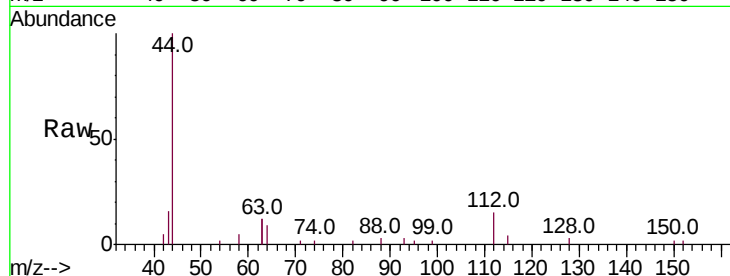
ClientSampled :

LW-06-072618

Tot Ion:	112	Resp:	750
Ion Ratio	Lower	Upper	
112	100		
64	74.7	60.1	90.1
63	149.9	116.8	175.2

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#5

Phenol-d6

Concen: 0.106 ng

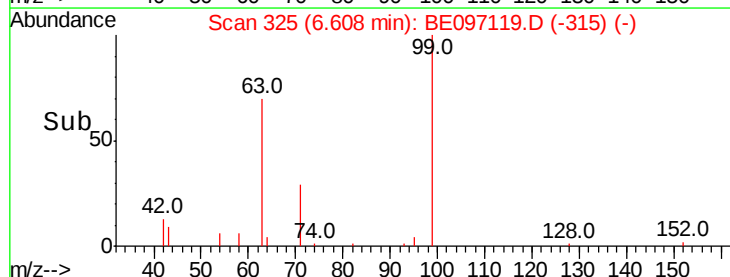
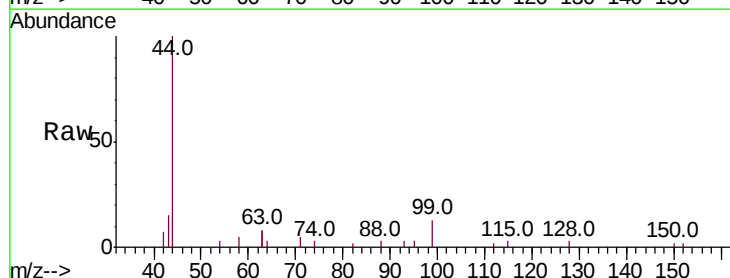
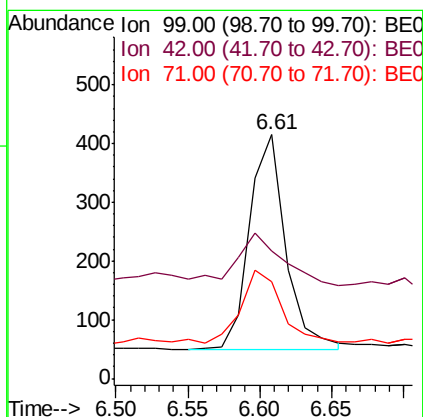
RT: 6.61 min Scan# 325

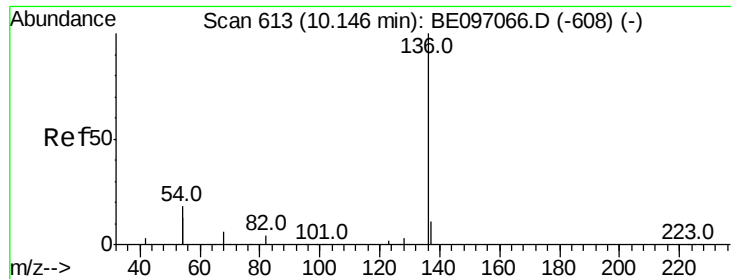
Delta R.T. 0.01 min

Lab File: BE097119.D

Acq: 31 Jul 2018 13:02

Tgt Ion:	99	Resp:	642
Ion Ratio	Lower	Upper	
99	100		
42	30.5	20.2	30.2#
71	35.4	28.4	42.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097119.D

Acq: 31 Jul 2018 13:02

Instrument :

BNA_E

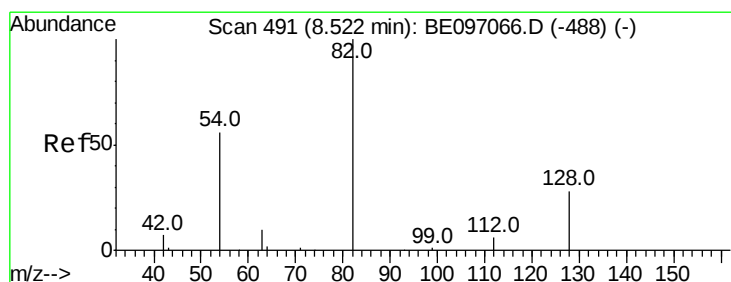
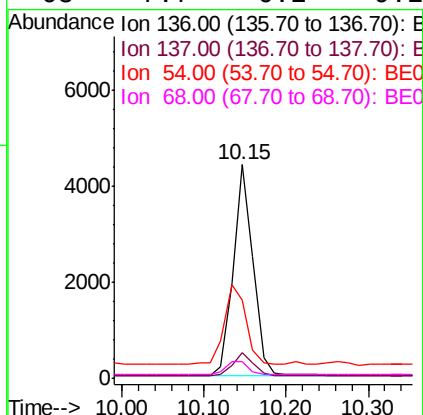
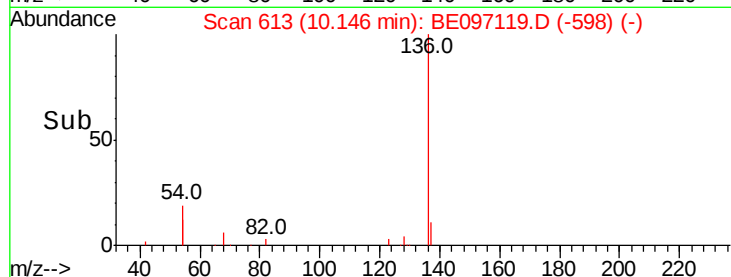
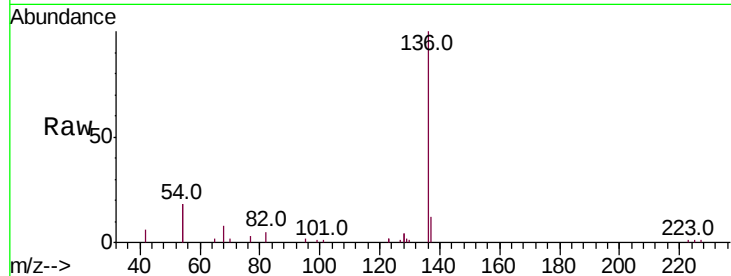
ClientSampleId :

LW-06-072618

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	36.7	29.1	43.7
68	7.7	6.2	9.2

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#8

Nitrobenzene-d5

Concen: 0.416 ng

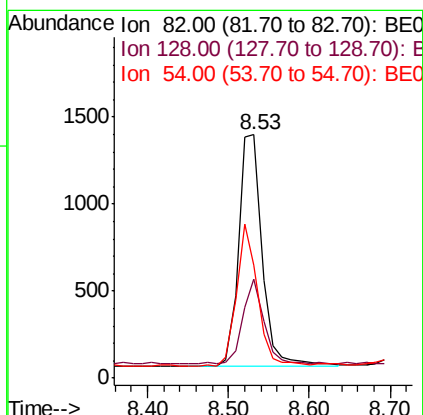
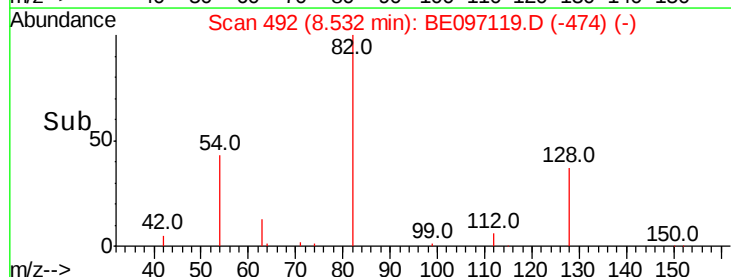
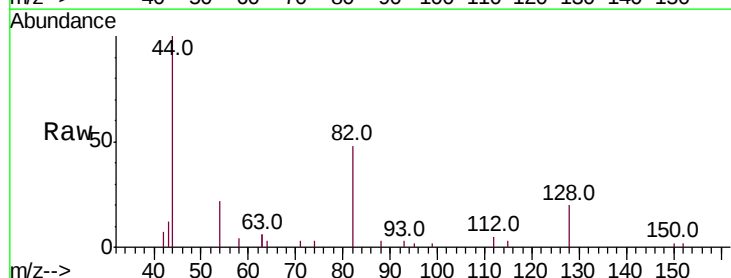
RT: 8.53 min Scan# 492

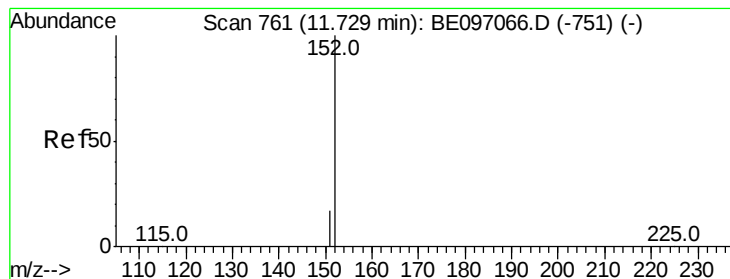
Delta R.T. 0.01 min

Lab File: BE097119.D

Acq: 31 Jul 2018 13:02

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	24.0	36.0#
54	46.4	40.0	60.0





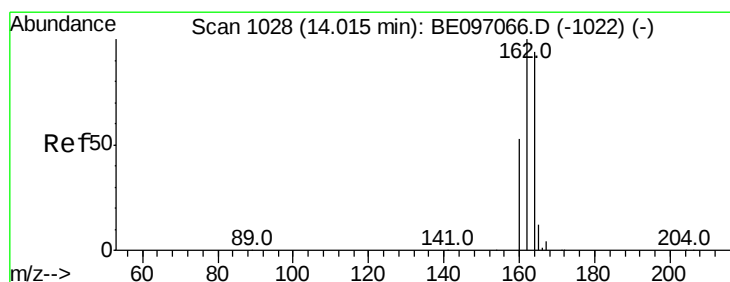
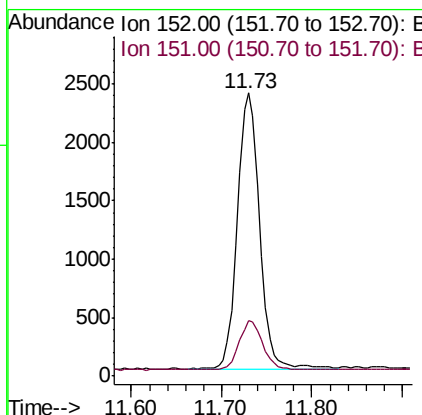
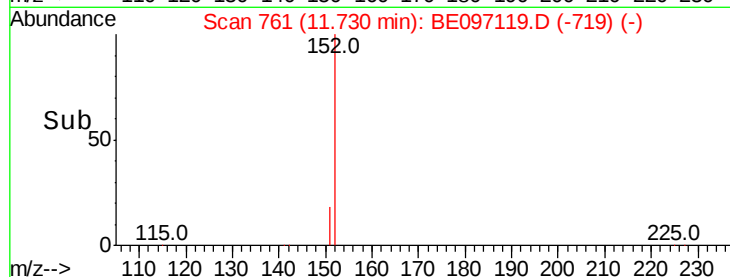
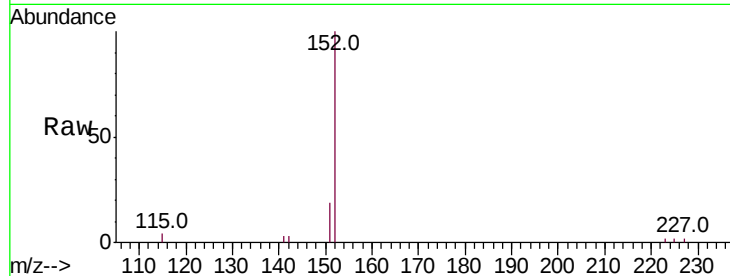
#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.01 min
Lab File: BE097119.D
Acq: 31 Jul 2018 13:02

Instrument :
BNA_E
ClientSampleId :
LW-06-072618

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

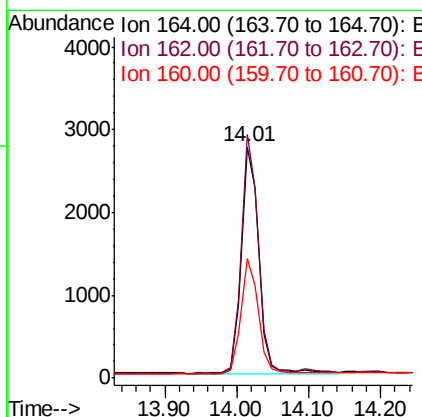
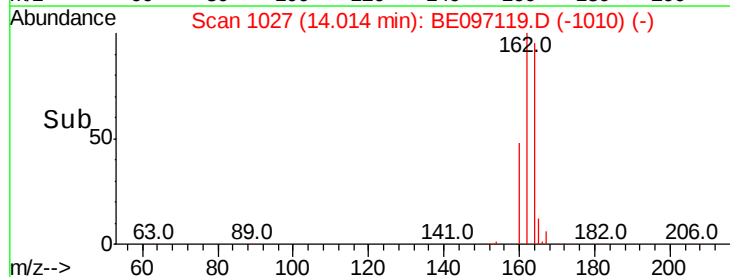
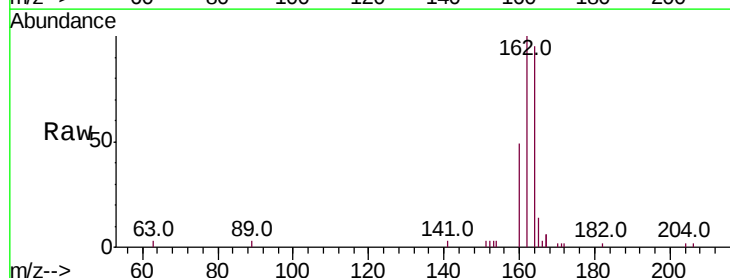
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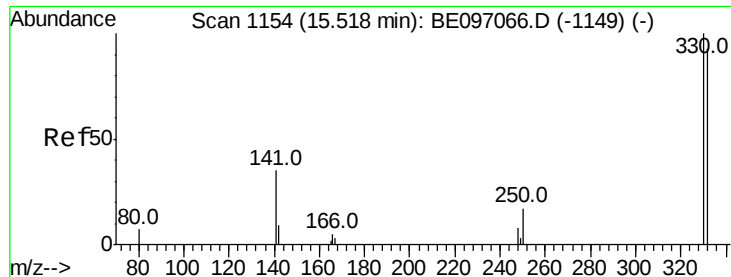
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097119.D
Acq: 31 Jul 2018 13:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.1	124.7
160	51.6	37.1	55.7





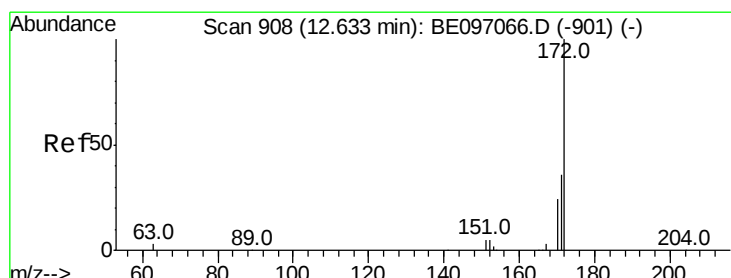
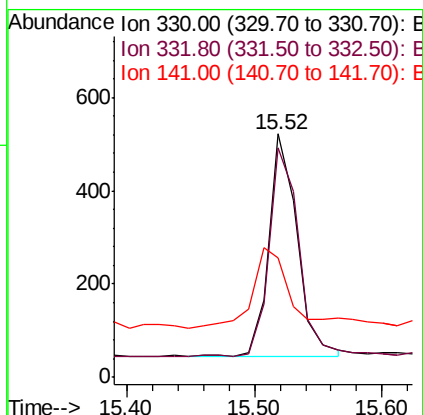
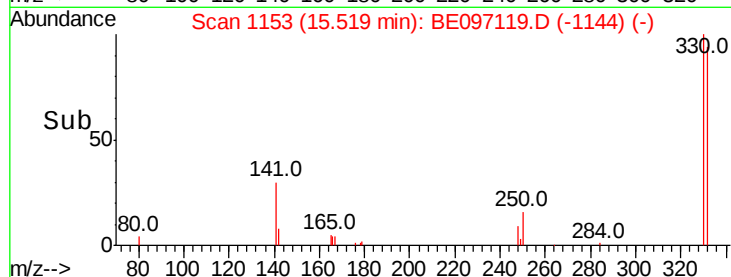
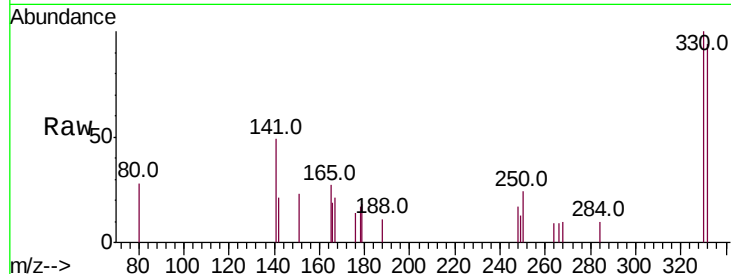
#14
 2,4,6-Tribromophenol
 Concen: 0.489 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

Instrument :
 BNA_E
 ClientSampleId :
 LW-06-072618

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	152.7	229.1#
141	45.9	33.7	50.5

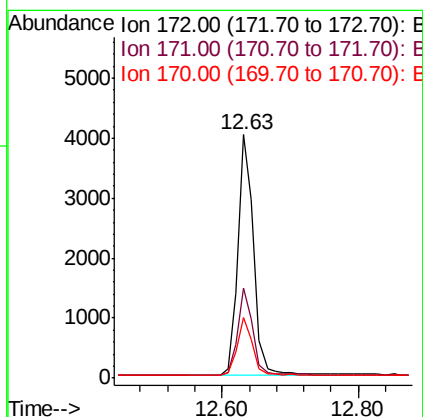
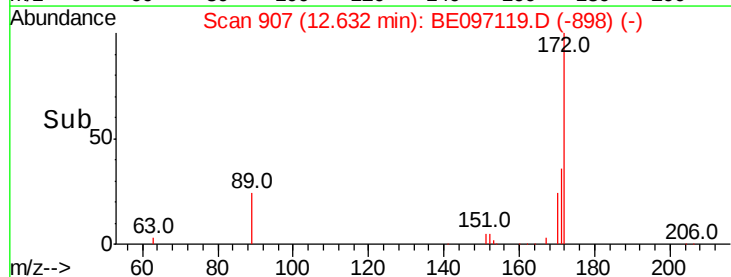
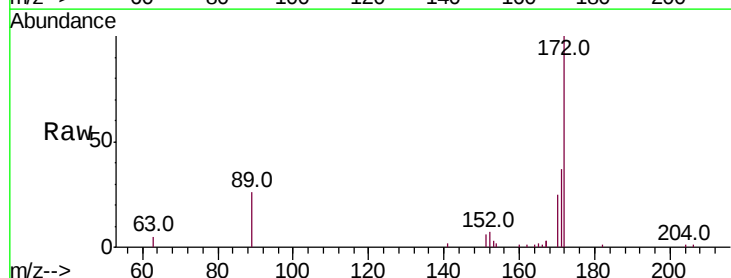
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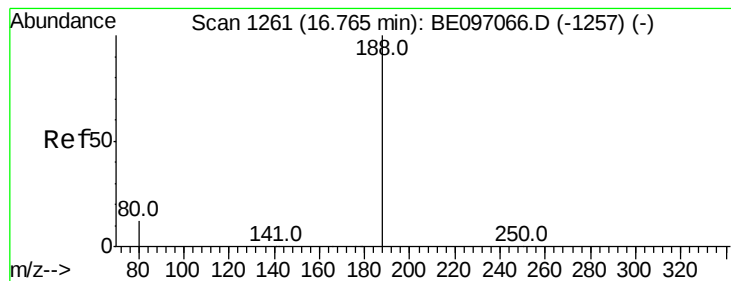
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#15
 2-Fluorobiphenyl
 Concen: 0.408 ng
 RT: 12.63 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.9	44.9
170	24.7	21.8	32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BE097119.D

Acq: 31 Jul 2018 13:02

Instrument :

BNA_E

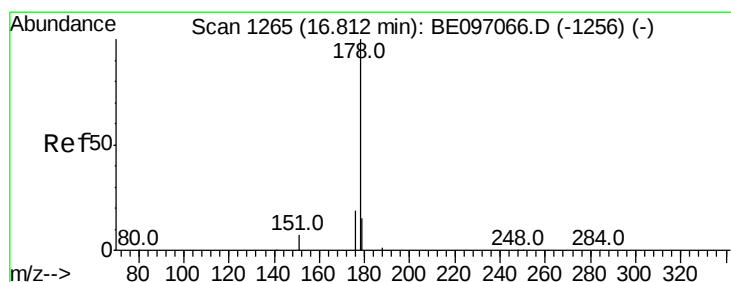
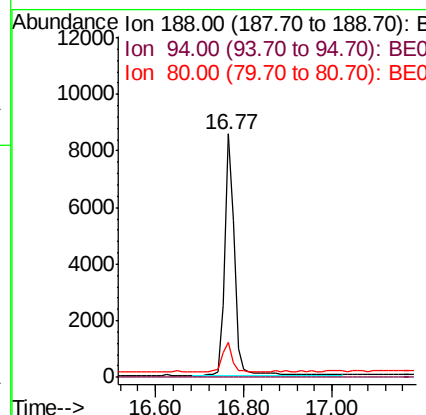
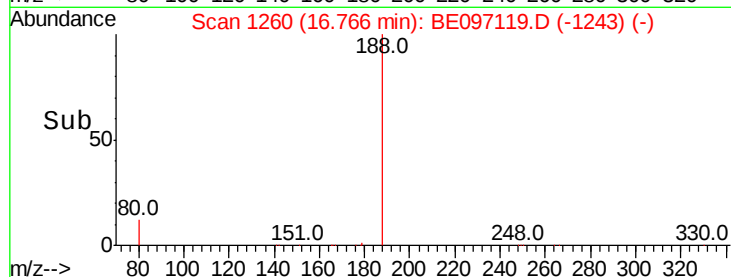
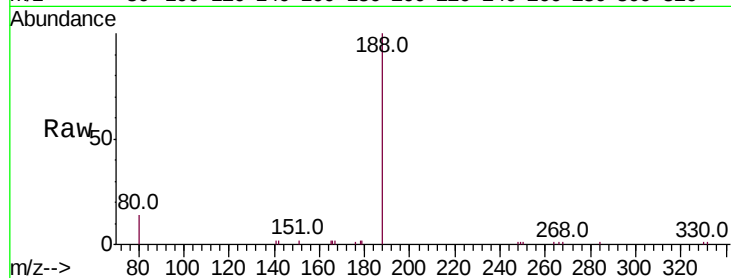
ClientSampleId :

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Tot Ion:	188	Resp:	12806
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	14.3	3.6	5.4#

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#23

Phenanthrene

Concen: 0.305 ng

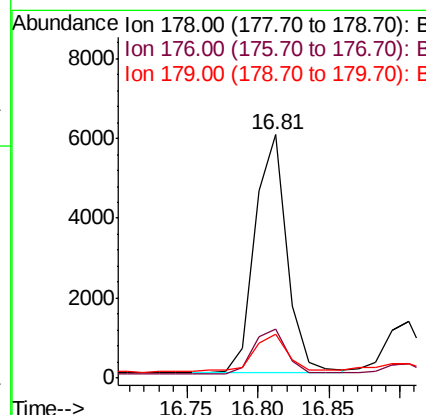
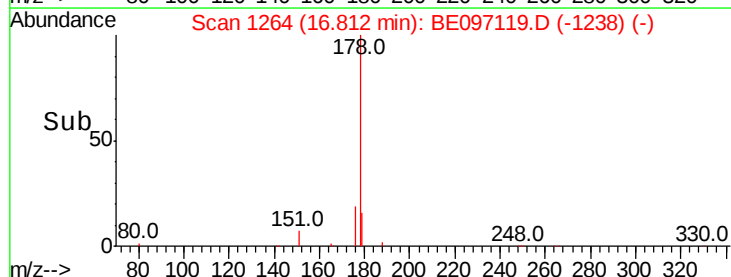
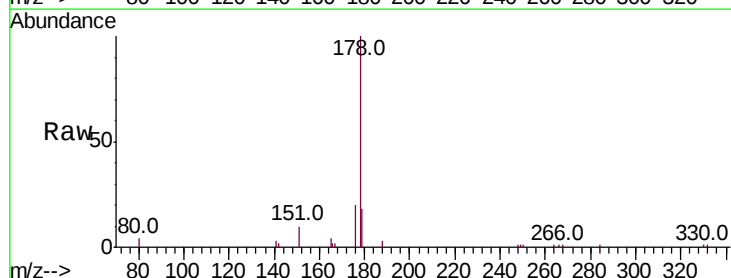
RT: 16.81 min Scan# 1264

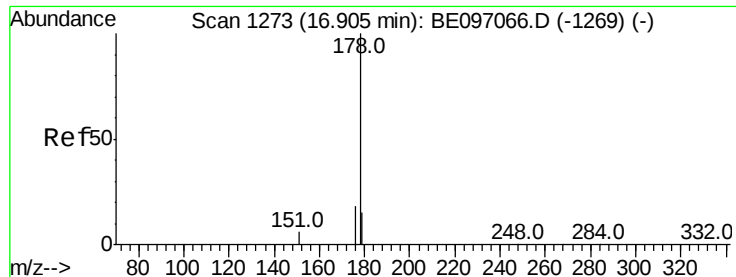
Delta R.T. 0.00 min

Lab File: BE097119.D

Acq: 31 Jul 2018 13:02

Tgt Ion:	178	Resp:	9308
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.1	22.7
179	17.3	11.8	17.6





#24

Anthracene

Concen: 0.075 ng

RT: 16.91 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BE097119.D

Acq: 31 Jul 2018 13:02

Instrument :

BNA_E

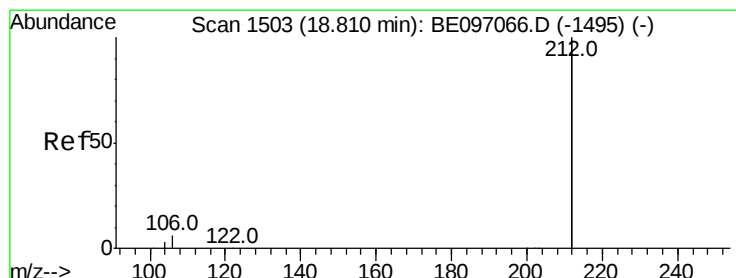
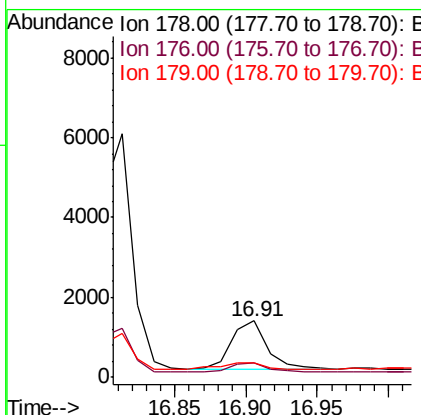
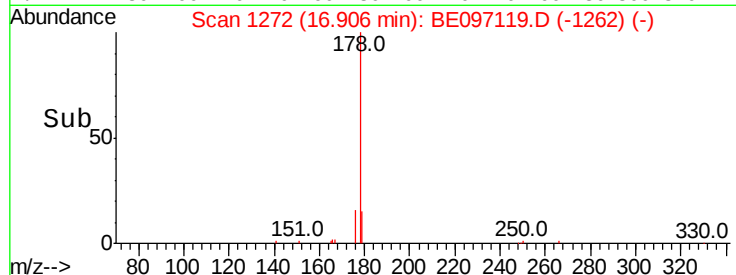
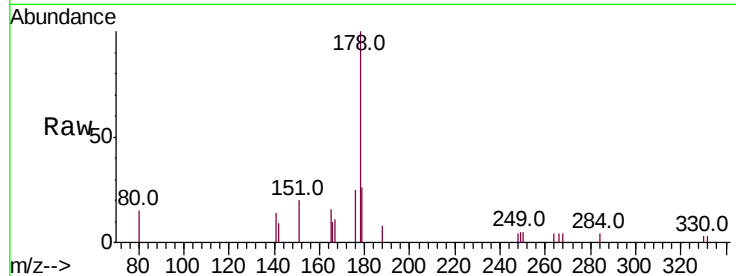
ClientSampleId :

LW-06-072618

Tot Ion:	178	Resp:	2036
Ion Ratio	Lower	Upper	
178	100		
176	21.9	12.8	19.2#
179	19.0	13.0	19.6

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#25

Fluoranthene-d10

Concen: 0.467 ng

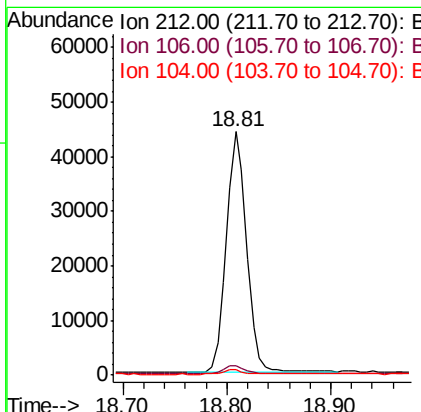
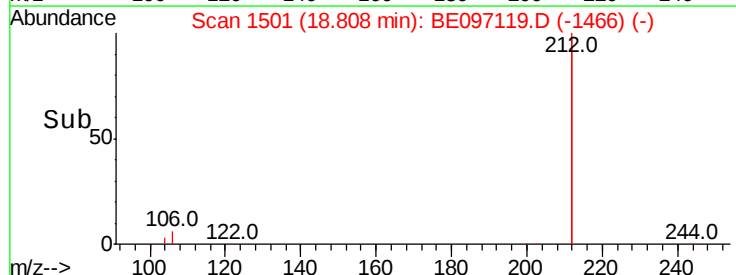
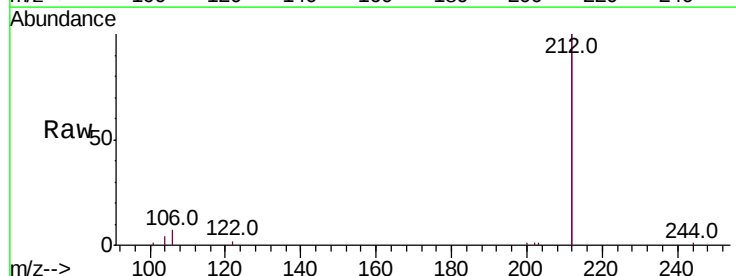
RT: 18.81 min Scan# 1501

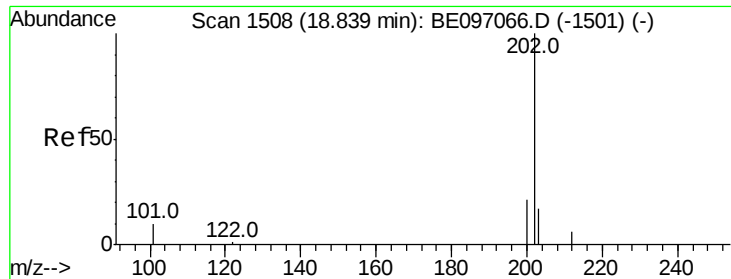
Delta R.T. -0.00 min

Lab File: BE097119.D

Acq: 31 Jul 2018 13:02

Tgt Ion:	212	Resp:	59840
Ion Ratio	Lower	Upper	
212	100		
106	3.2	2.8	4.2
104	1.7	1.6	2.4





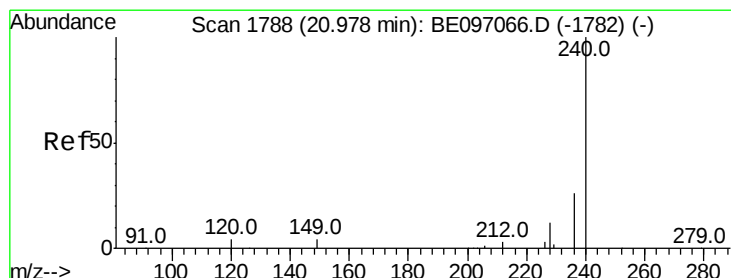
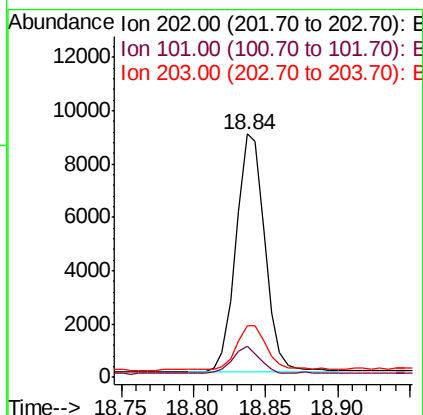
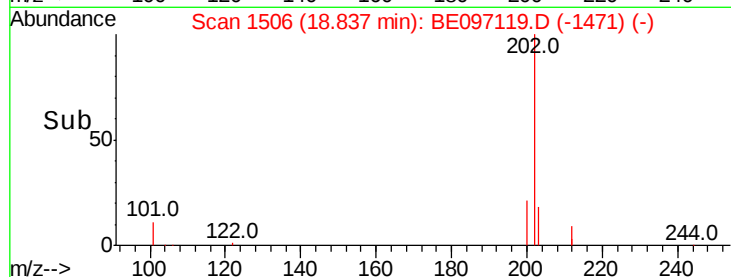
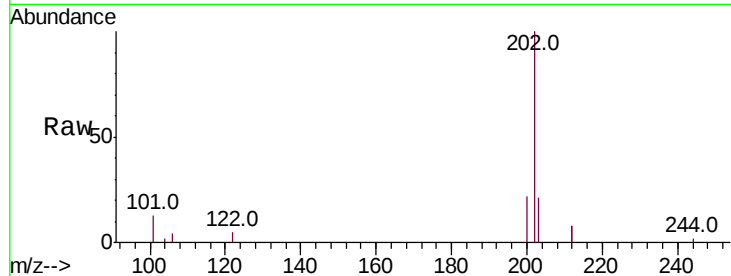
#26
Fluoranthene
Concen: 0.363 ng
RT: 18.84 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BE097119.D
Acq: 31 Jul 2018 13:02

Instrument :
BNA_E
ClientSampleId :
LW-06-072618

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	9.8	14.8
203	21.0	13.7	20.5#

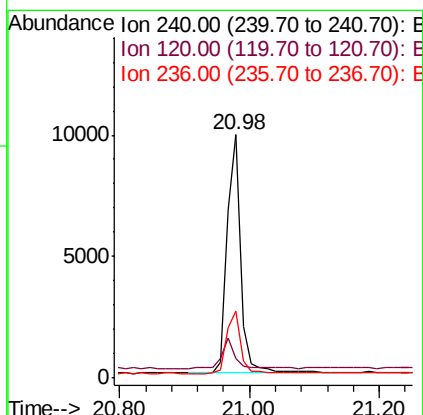
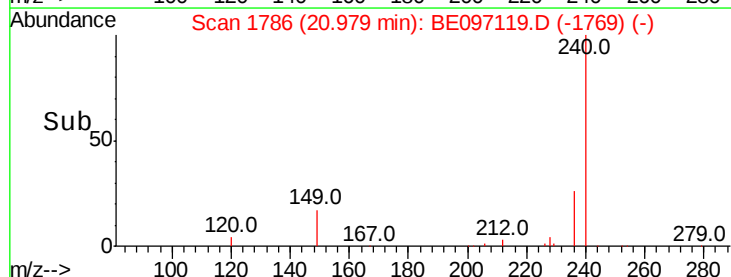
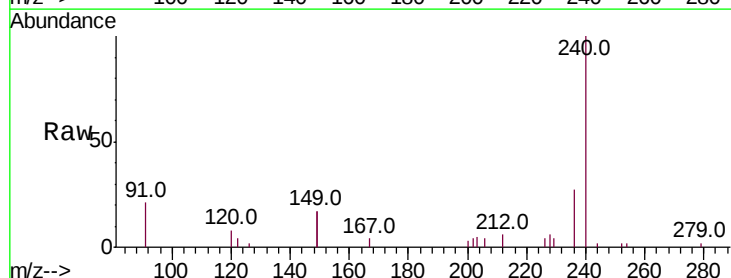
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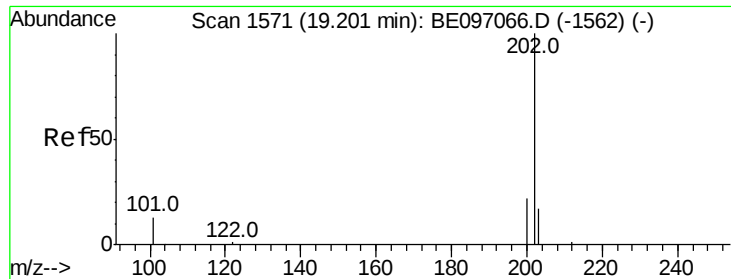
Sohil
8/1/2018 4:50:05 PM



#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097119.D
Acq: 31 Jul 2018 13:02

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.9	5.5	8.3
236	27.4	20.7	31.1





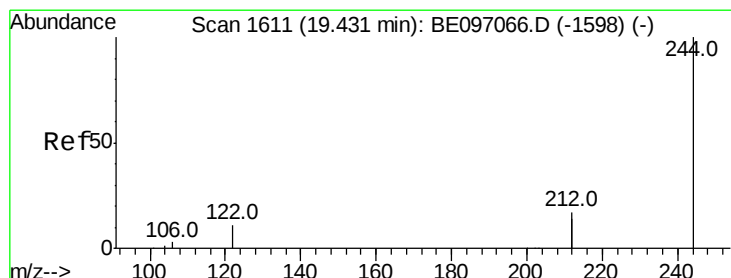
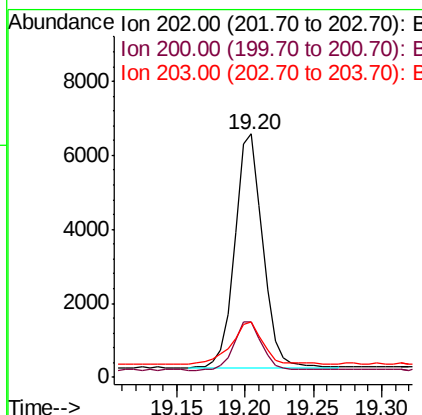
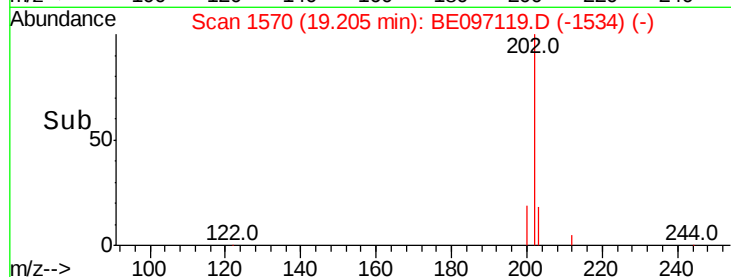
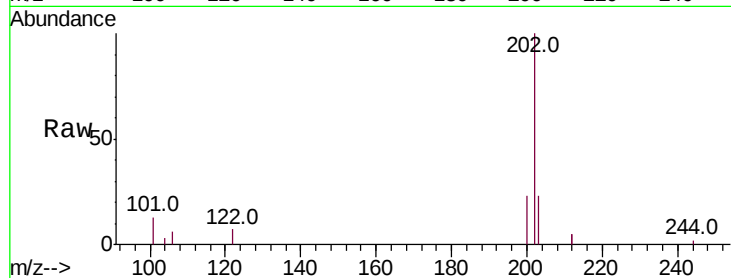
#28
Pvrene
Concen: 0.223 ng
RT: 19.20 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BE097119.D
Acq: 31 Jul 2018 13:02

Instrument :
BNA_E
ClientSampleId :
LW-06-072618

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	21.6	13.8	20.8

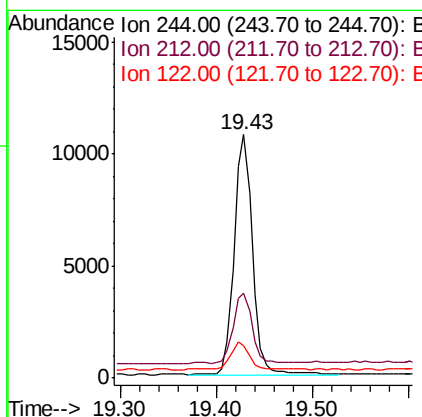
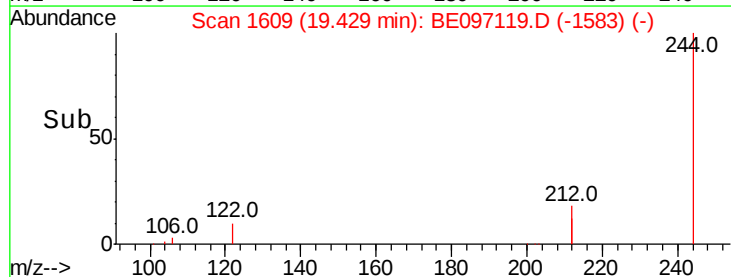
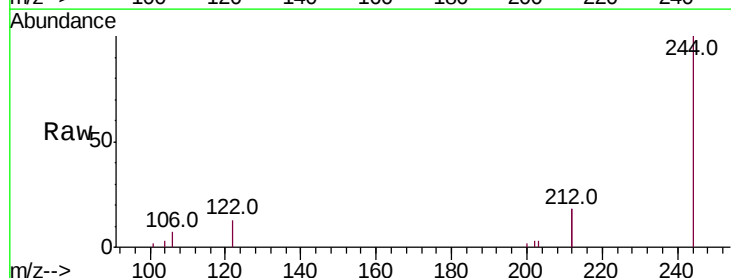
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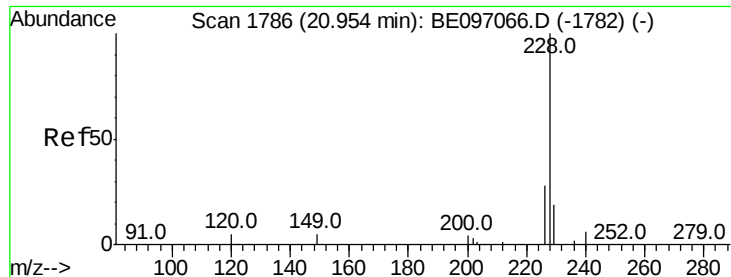
Sohil
8/1/2018 4:50:05 PM



#29
Terphenyl-d14
Concen: 0.501 ng
RT: 19.43 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BE097119.D
Acq: 31 Jul 2018 13:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	35.1	25.4	38.0
122	13.2	8.1	12.1





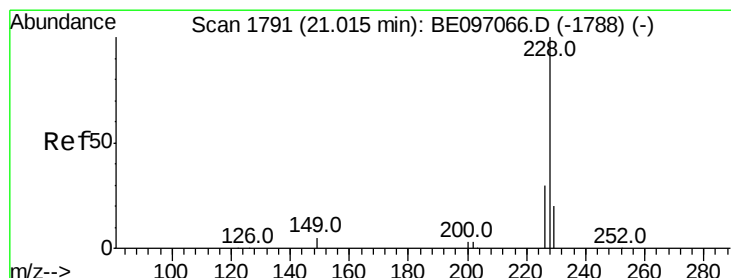
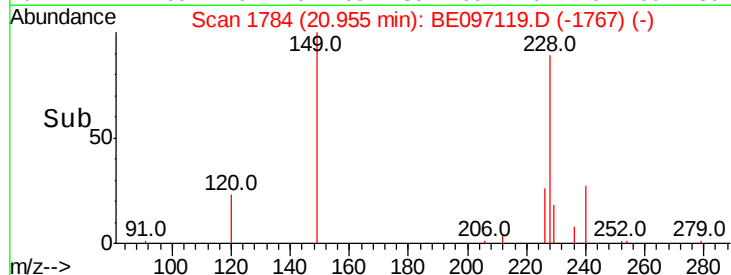
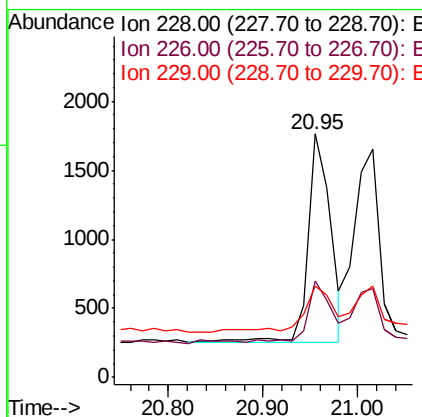
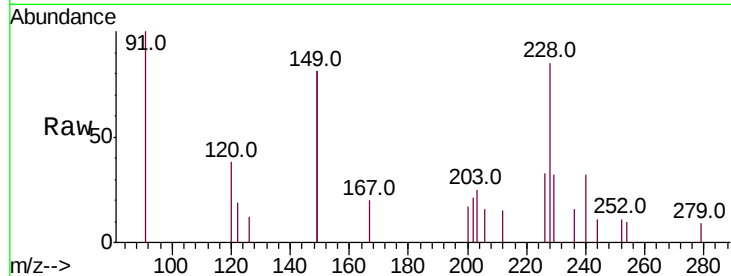
#30
Benzo(a)anthracene
Concen: 0.068 ng
RT: 20.95 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097119.D
Acq: 31 Jul 2018 13:02

Instrument :
BNA_E
ClientSampleId :
LW-06-072618

Tot Ion	Ratio	Lower	Upper
228	100		
226	39.3	24.0	36.0#
229	37.4	16.0	24.0#

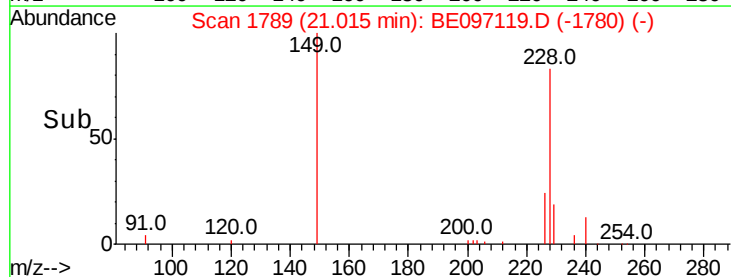
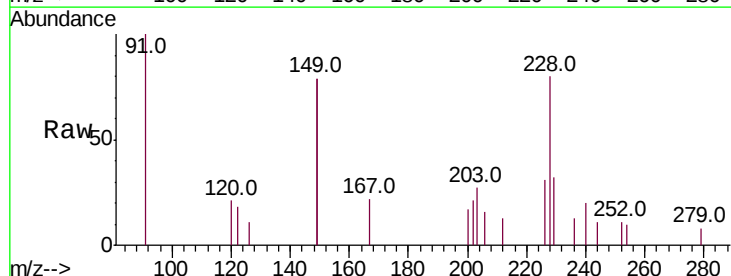
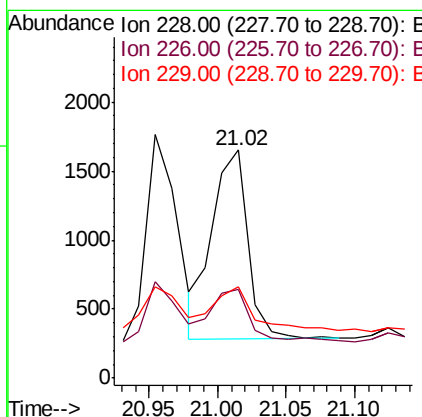
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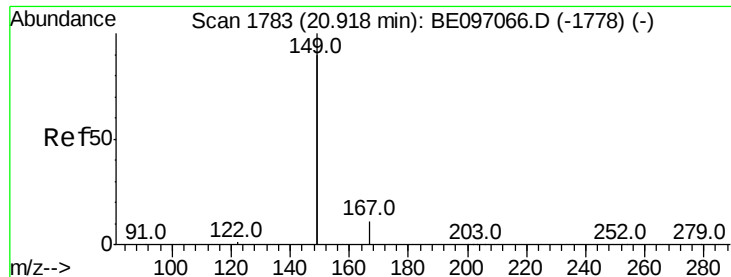
Sohil
8/1/2018 4:50:05 PM



#31
Chrysene
Concen: 0.064 ng
RT: 21.02 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BE097119.D
Acq: 31 Jul 2018 13:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.1	24.0	36.0#
229	40.1	16.0	24.0#





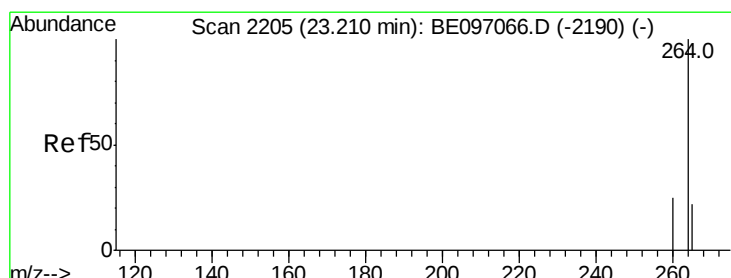
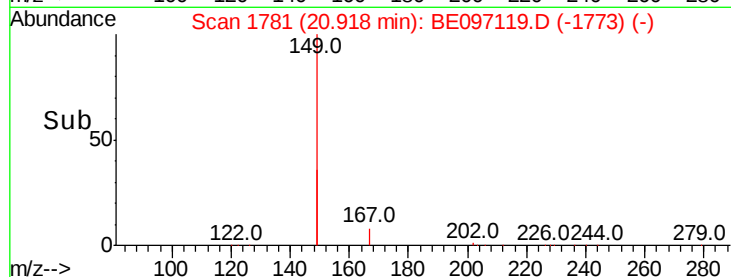
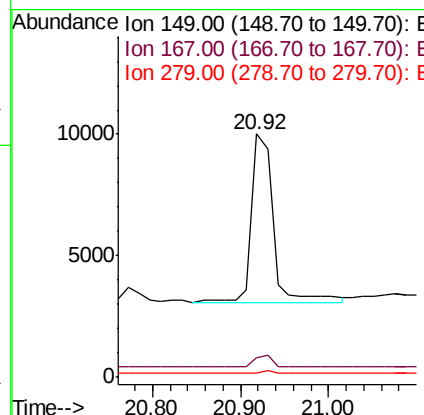
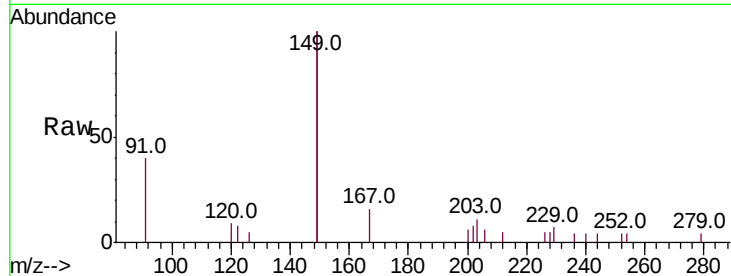
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.308 ng
 RT: 20.92 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

Instrument :
 BNA_E
 ClientSampleID :
 LW-06-072618

Tot Ion	Ratio	Lower	Upper
149	100		
167	6.0	5.4	8.0
279	1.2	0.7	1.1#

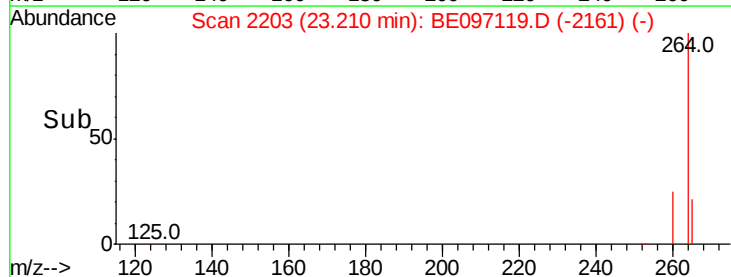
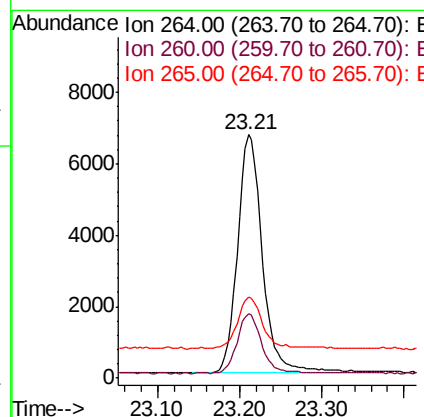
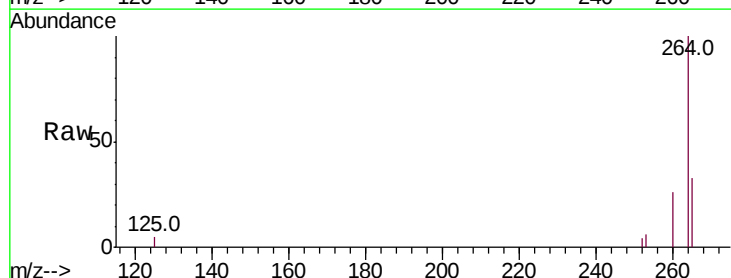
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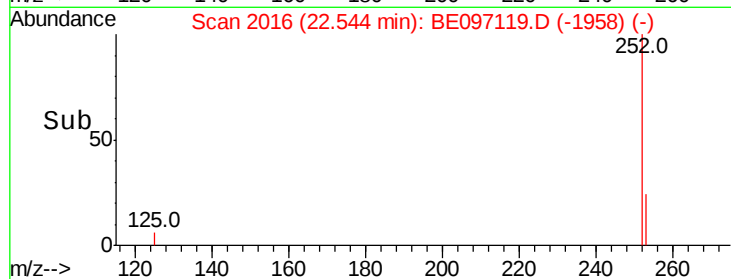
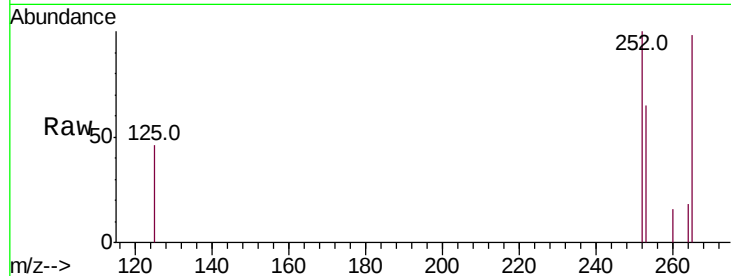
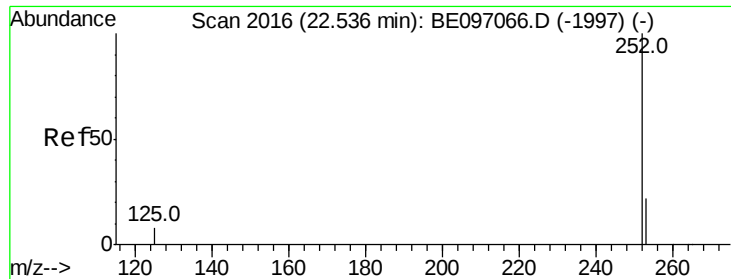
Sohil
 8/1/2018 4:50:05 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.5	30.7
265	33.2	22.8	34.2





#35

Benzo(b)fluoranthene

Concen: 0.040 ng

RT: 22.54 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BE097119.D

Acq: 31 Jul 2018 13:02

Instrument :

BNA_E

ClientSampleId :

LW-06-072618

Tot Ion:	252	Resp:	1431
Ion Ratio	Lower	Upper	
252	100		
253	64.7	20.0	30.0#
125	46.2	16.0	24.0#

Manual Integrations
APPROVED

Sohil
8/1/2018 4:50:05 PM

