

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
 Data File : BE097591.D
 Acq On : 21 Sep 2018 2:28
 Operator : SJ/JU
 Sample : J4963-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SA-PZ123I-20180914

Manual Integrations
 APPROVED

Sohil
 9/21/2018 4:09:31 PM

Quant Time: Sep 21 07:08:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	782	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3496	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2245	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	6998	0.40	ng	0.00
27) Chrysene-d12	20.97	240	9339	0.40	ng	0.00
34) Perylene-d12	23.20	264	9116	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	490	0.21	ng	0.00
5) Phenol-d6	6.67	99	292m	0.10	ng	0.06
8) Nitrobenzene-d5	8.56	82	1082	0.40	ng	0.03
11) 2-Methylnaphthalene-d10	11.73	152	2254	0.47	ng	0.01
14) 2,4,6-Tribromophenol	15.51	330	633	0.66	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	5324	0.67	ng	0.00
25) Fluoranthene-d10	18.80	212	43669	0.49	ng	0.00
29) Terphenyl-d14	19.41	244	10622	0.62	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.07	88	1845	1.496	ng	Qvalue 98
32) Bis(2-ethylhexyl)phthalate	20.89	149	1630	0.052	ng	# 100

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

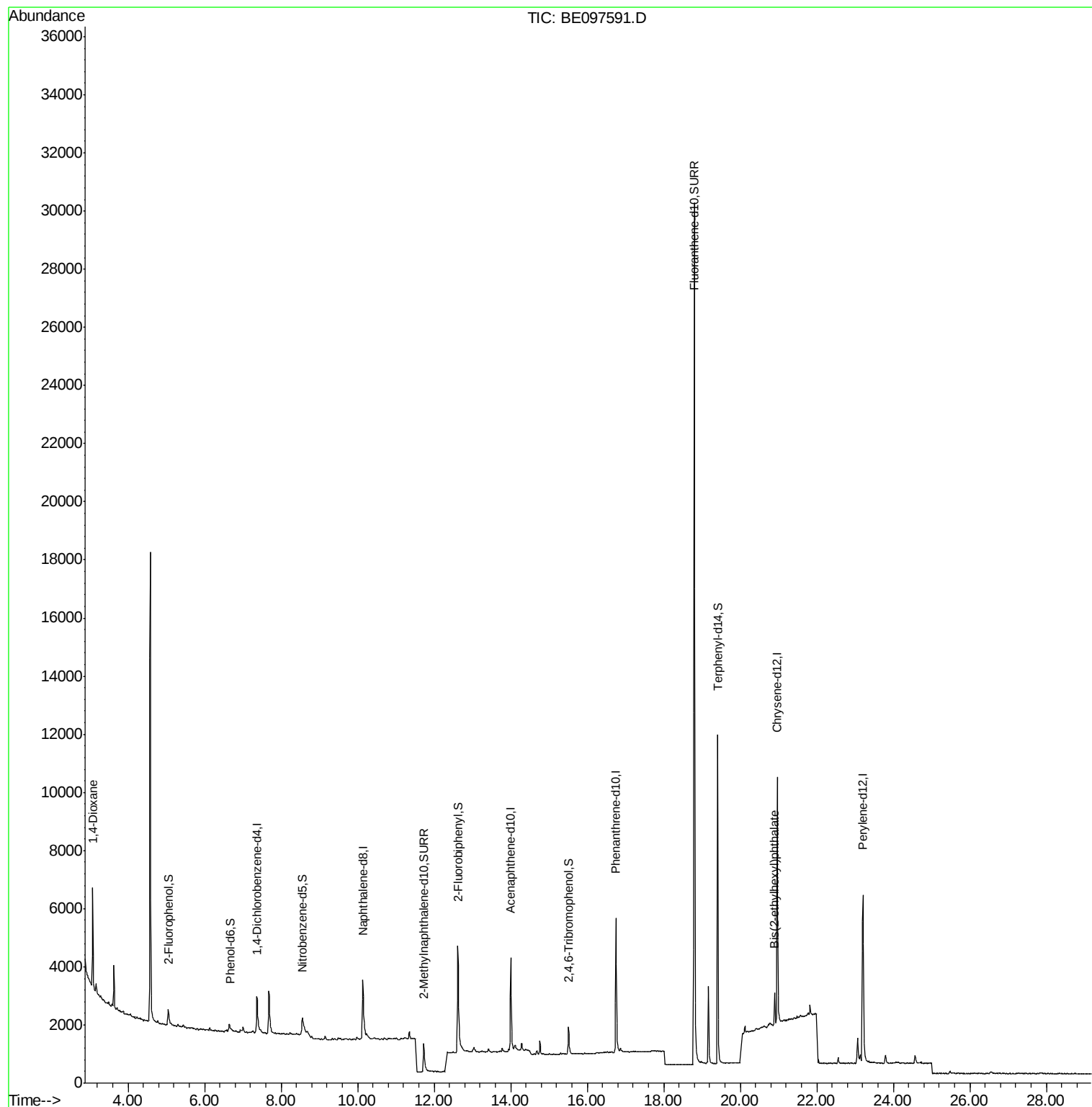
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
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#1

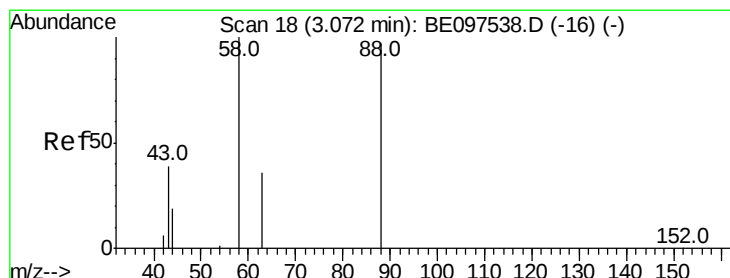
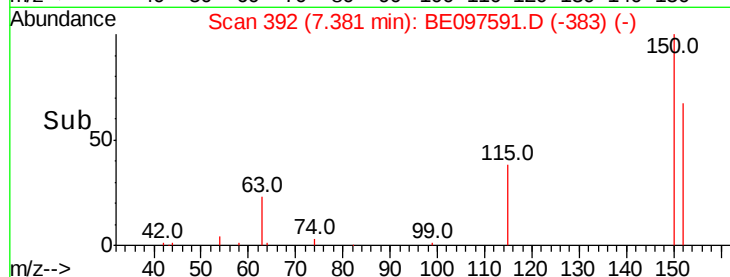
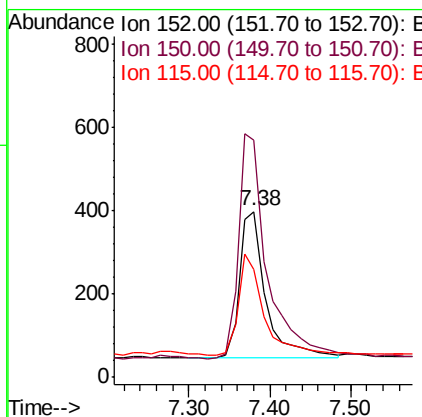
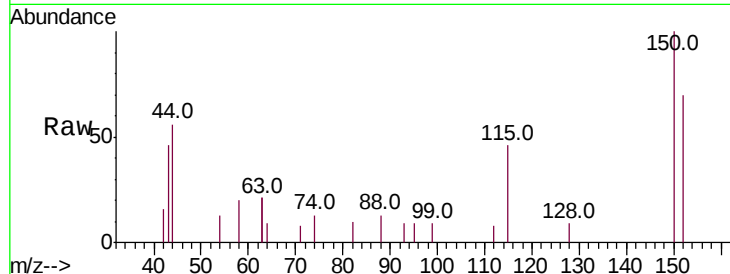
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097591.D
Acq: 21 Sep 2018 2:28

Instrument :
BNA_E
ClientSampleId :
SA-PZ123I-20180914

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.2	117.2	175.8
115	65.3	57.0	85.6

Manual Integrations
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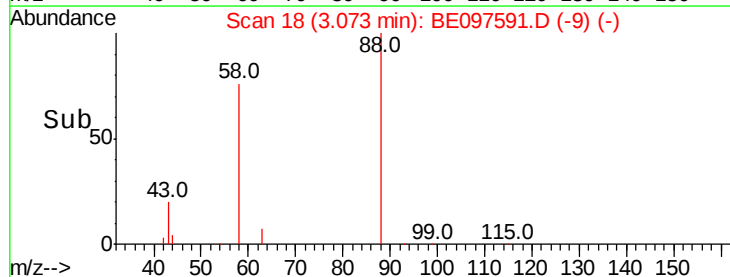
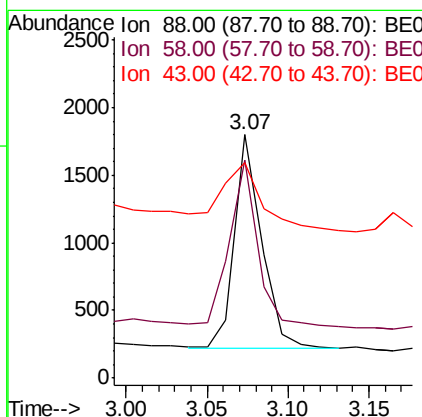
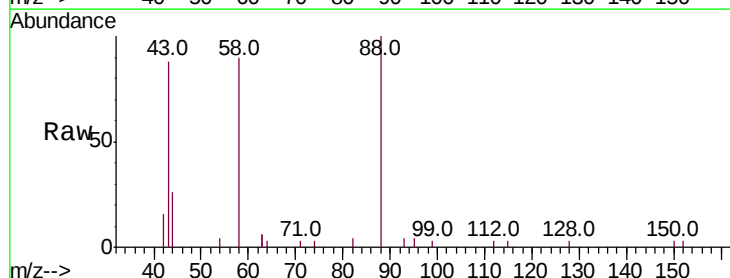
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#2

1,4-Dioxane
Concen: 1.496 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097591.D
Acq: 21 Sep 2018 2:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.5	63.2	94.8
43	47.8	41.2	61.8





#4

2-Fluorophenol

Concen: 0.209 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097591.D

Acq: 21 Sep 2018 2:28

Instrument :

BNA_E

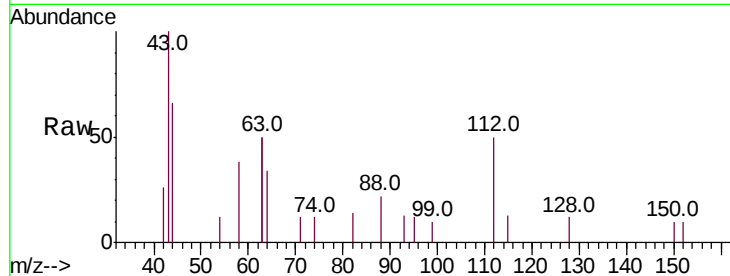
ClientSampleId :

SA-PZ123I-20180914

Tot Ion:	112	Resp:	490
Ion Ratio	Lower	Upper	
112	100		
64	66.3	60.1	90.1
63	135.3	116.8	175.2

Manual Integrations
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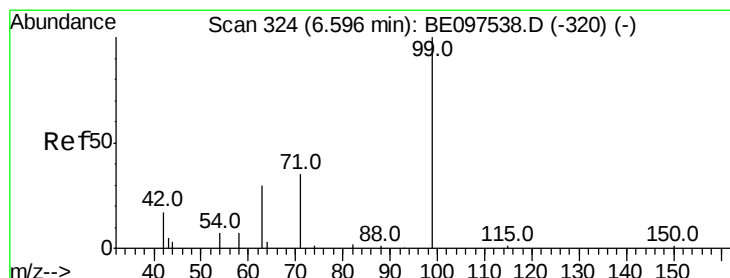
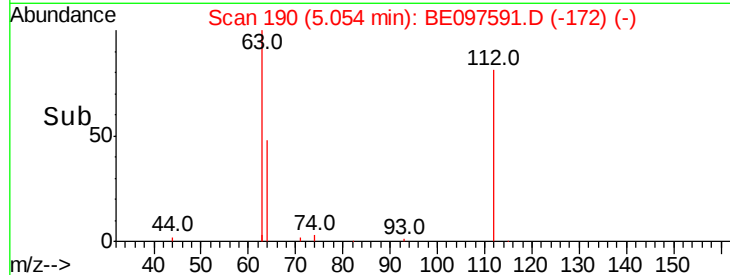
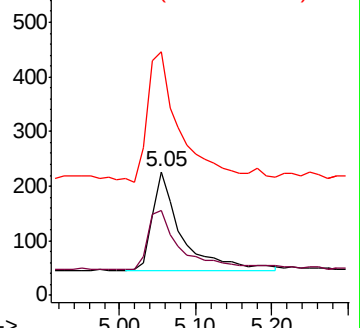
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.097 ng m

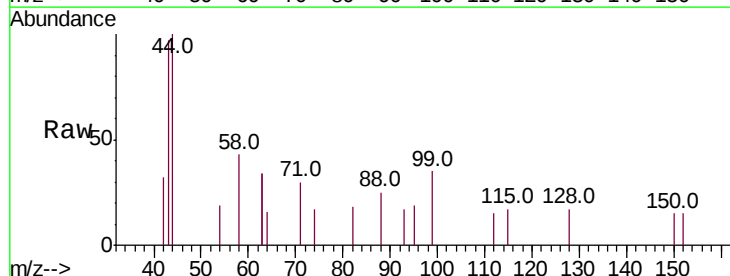
RT: 6.67 min Scan# 330

Delta R.T. 0.06 min

Lab File: BE097591.D

Acq: 21 Sep 2018 2:28

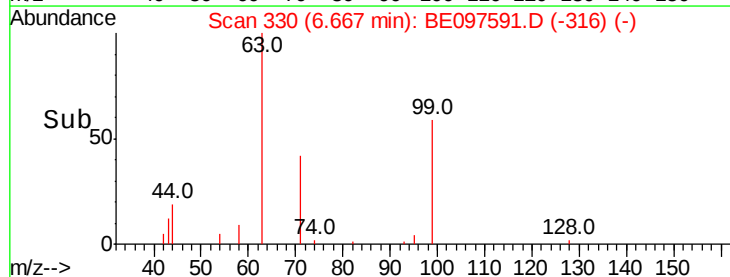
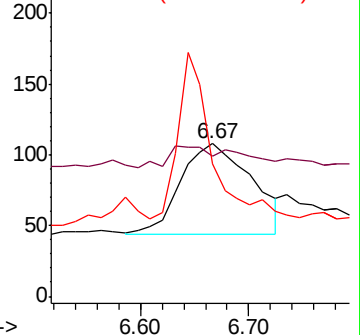
Tgt Ion:	99	Resp:	292
Ion Ratio	Lower	Upper	
99	100		
42	0.0	20.2	30.2#
71	0.0	28.4	42.6#

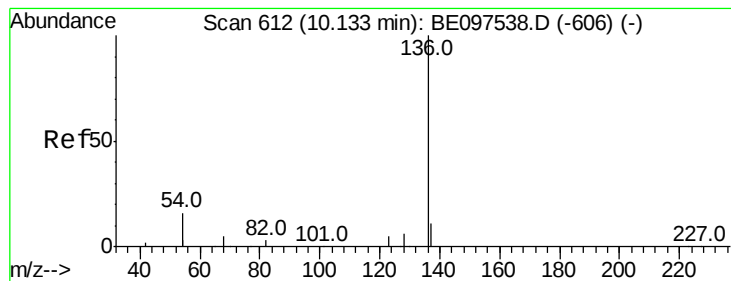


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097591.D

Acq: 21 Sep 2018 2:28

Instrument :

BNA_E

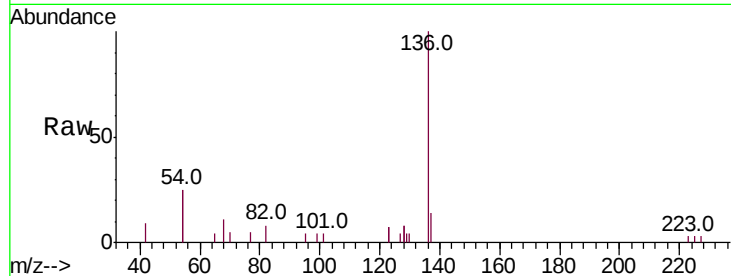
ClientSampleId :

SA-PZ123I-20180914

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	14.1	9.5	14.3	
54	49.7	29.1	43.7	
68	10.6	6.2	9.2	

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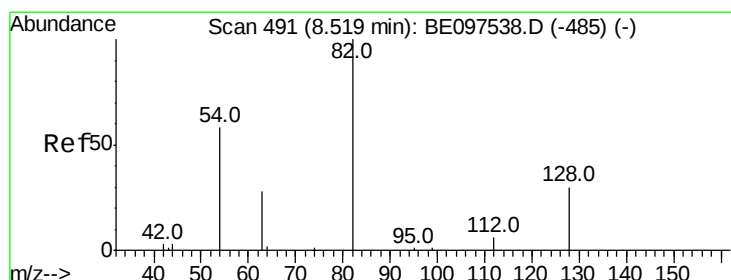
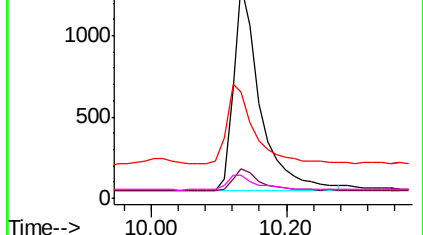
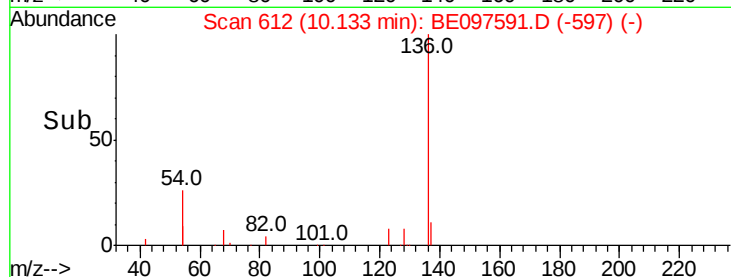


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.401 ng

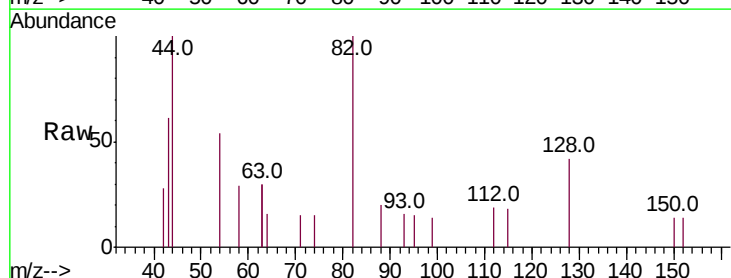
RT: 8.56 min Scan# 494

Delta R.T. 0.03 min

Lab File: BE097591.D

Acq: 21 Sep 2018 2:28

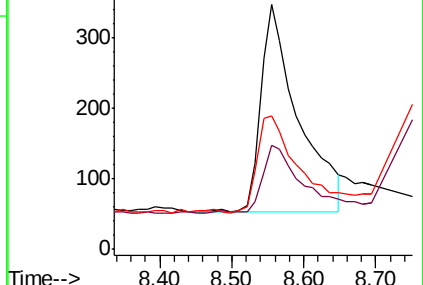
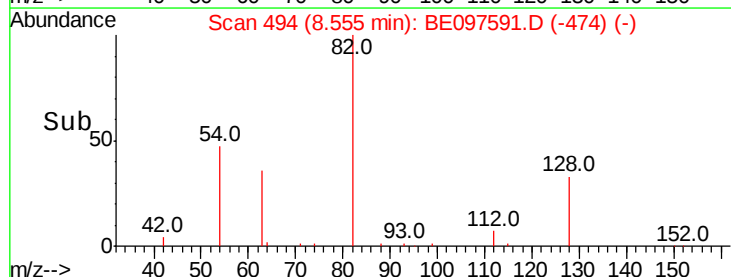
Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.2	24.0	36.0	
54	54.3	40.0	60.0	

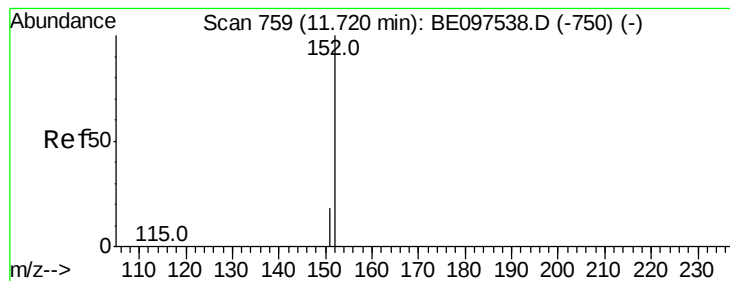


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





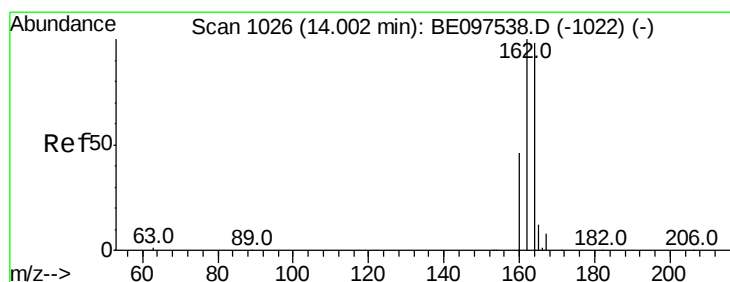
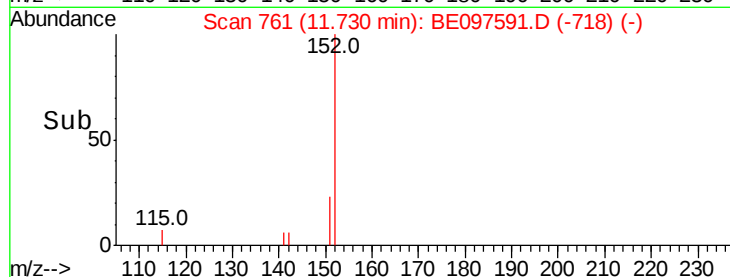
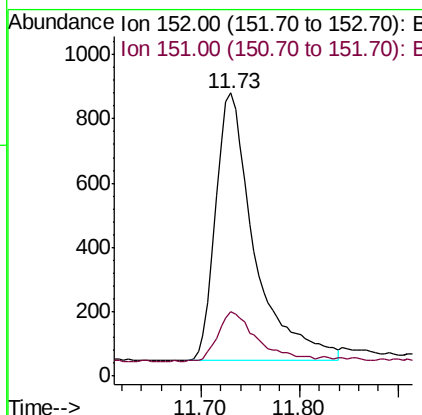
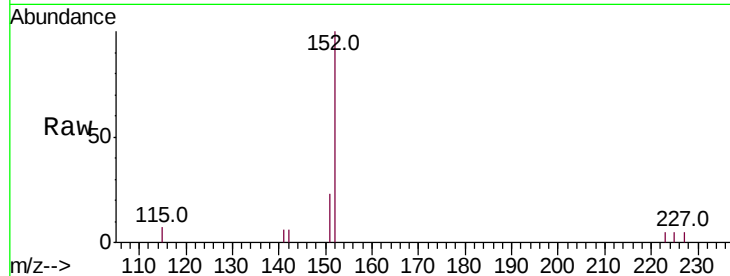
#11
2-Methylnaphthalene-d10
Concen: 0.468 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.01 min
Lab File: BE097591.D
Acq: 21 Sep 2018 2:28

Instrument :
BNA_E
ClientSampleId :
SA-PZ123I-20180914

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.1	15.4	23.0

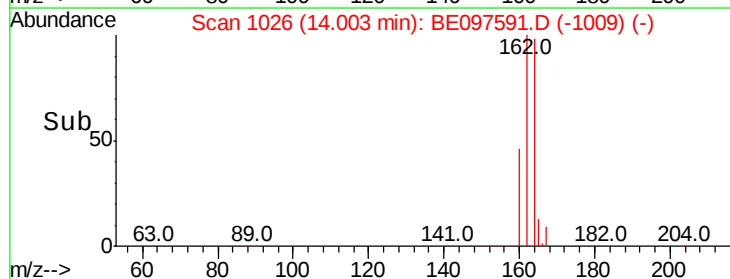
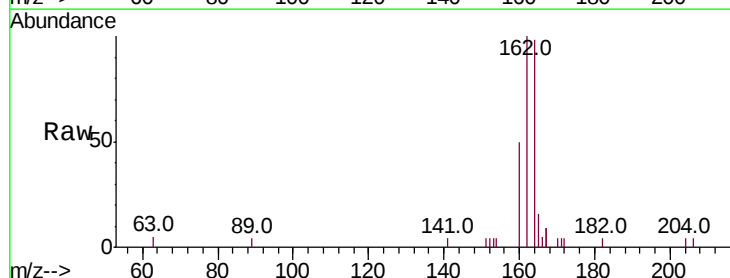
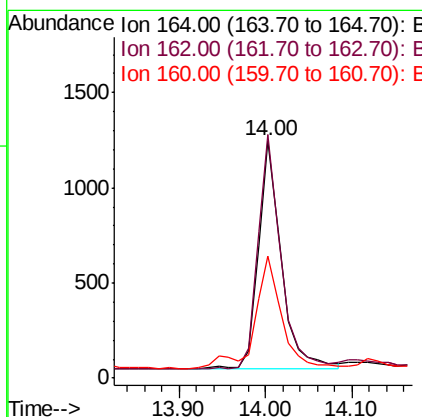
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE097591.D
Acq: 21 Sep 2018 2:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.1	124.7
160	51.3	37.1	55.7





#14

2,4,6-Tribromophenol

Concen: 0.664 ng

RT: 15.51 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BE097591.D

Acq: 21 Sep 2018 2:28

Instrument :

BNA_E

ClientSampleId :

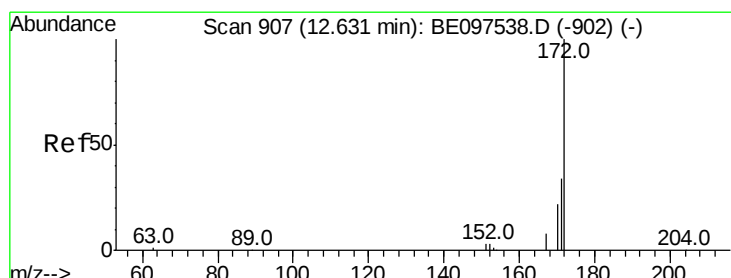
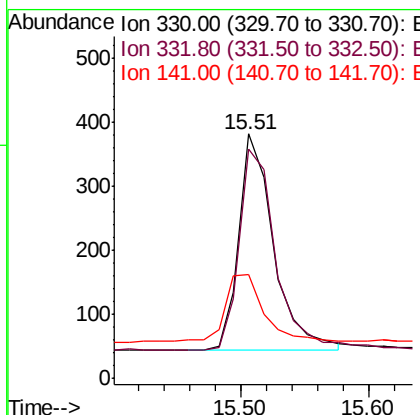
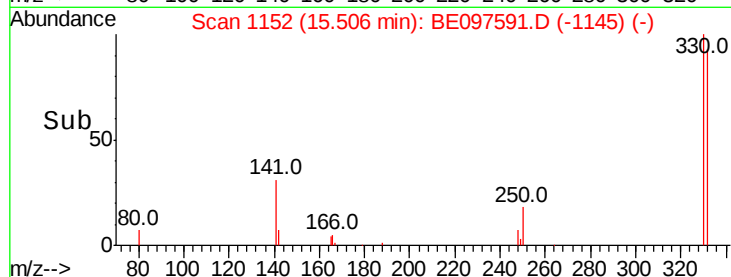
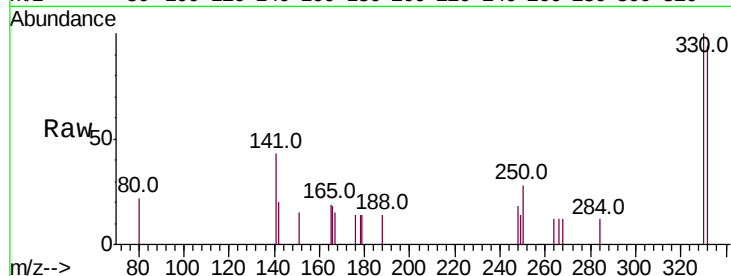
SA-PZ123I-20180914

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	152.7	229.1#
141	34.8	33.7	50.5

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#15

2-Fluorobiphenyl

Concen: 0.671 ng

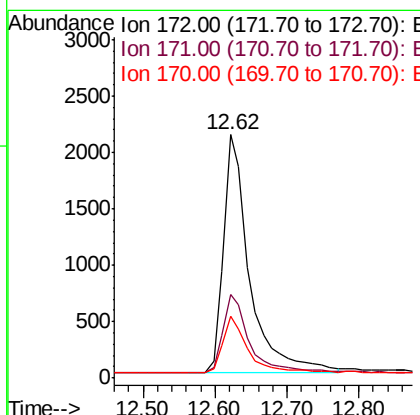
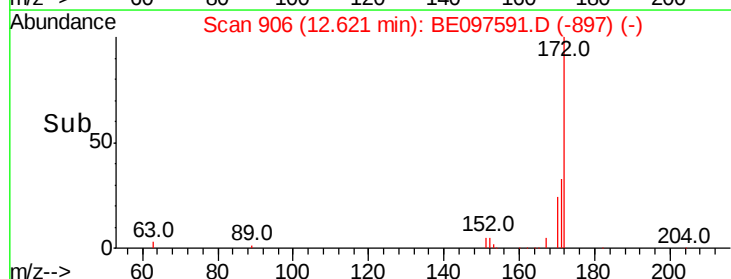
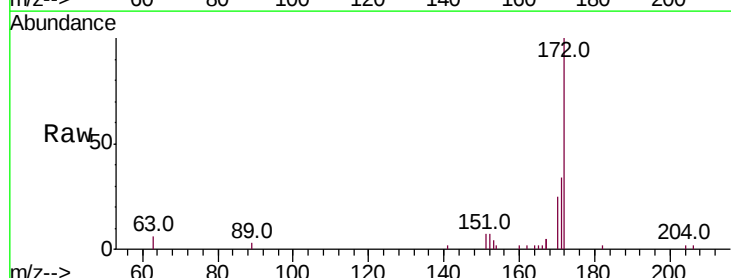
RT: 12.62 min Scan# 906

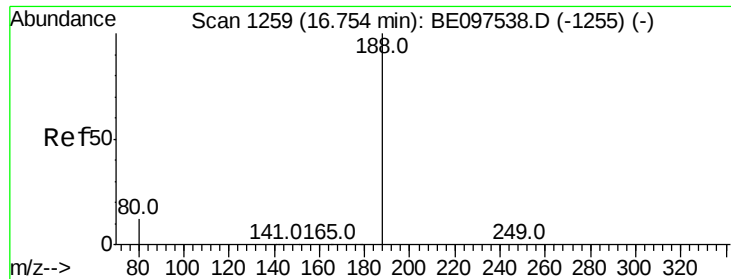
Delta R.T. 0.00 min

Lab File: BE097591.D

Acq: 21 Sep 2018 2:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.9	44.9
170	25.2	21.8	32.8





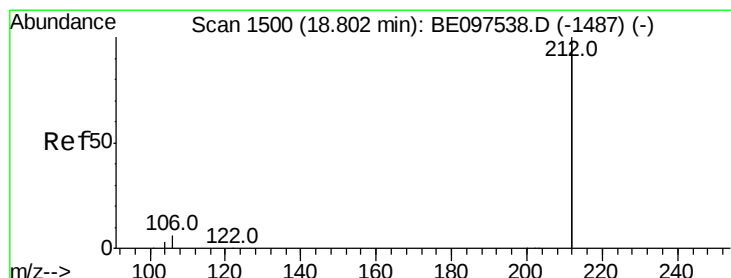
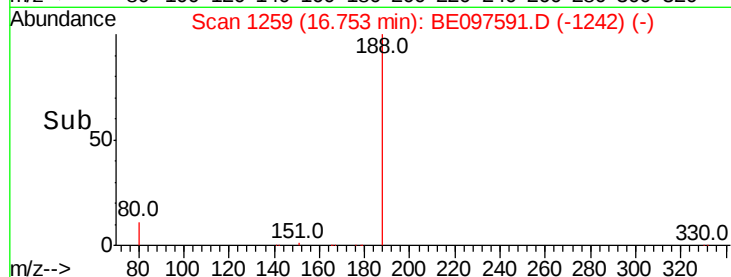
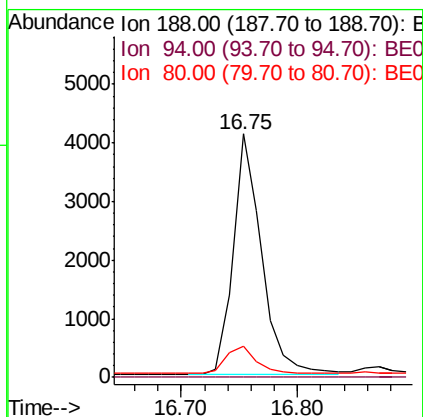
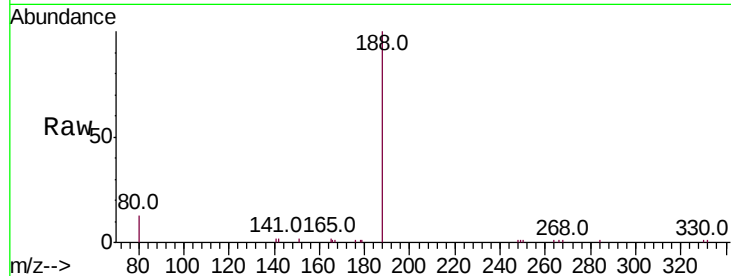
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BE097591.D
Acq: 21 Sep 2018 2:28

Instrument :
BNA_E
ClientSampleId :
SA-PZ123I-20180914

Tot Ion	Ratio	Resp	Lower	Upper
188	100	6998		
94	0.0	3.9	5.9#	
80	12.7	3.6	5.4#	

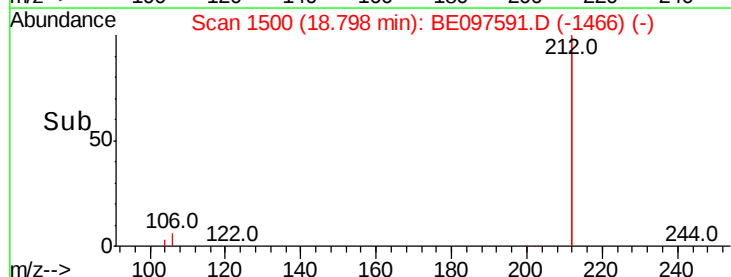
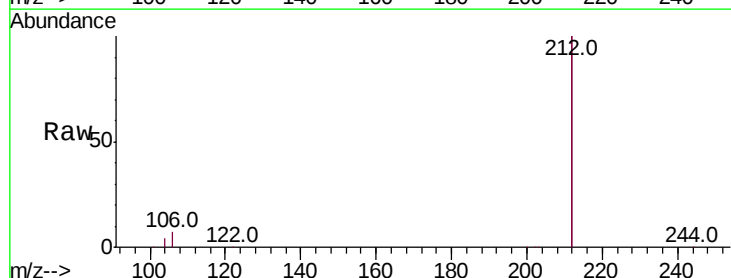
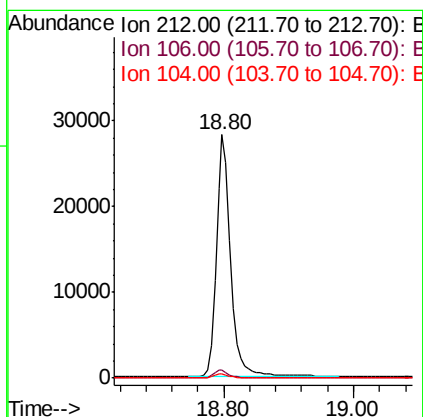
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#25
Fluoranthene-d10
Concen: 0.487 ng
RT: 18.80 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BE097591.D
Acq: 21 Sep 2018 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
212	100	43669		
106	3.2	2.8	4.2	
104	1.8	1.6	2.4	





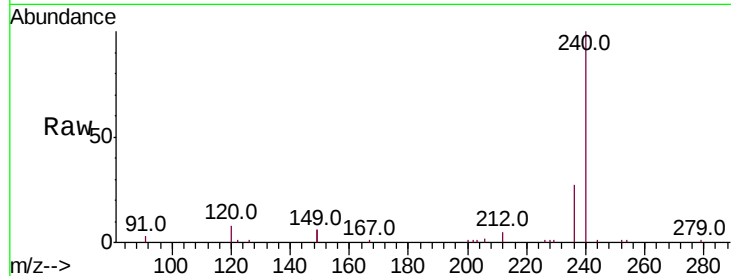
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097591.D
Acq: 21 Sep 2018 2:28

Instrument :
BNA_E
ClientSampleId :
SA-PZ123I-20180914

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	5.5	8.3#
236	27.1	20.7	31.1

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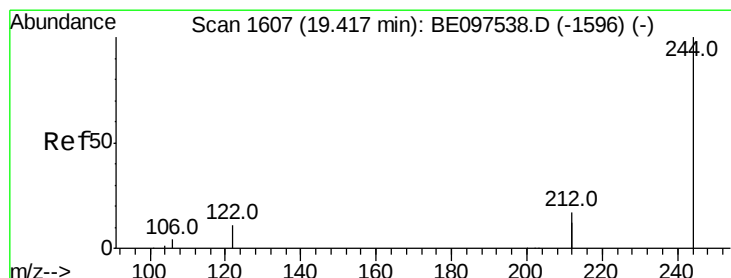
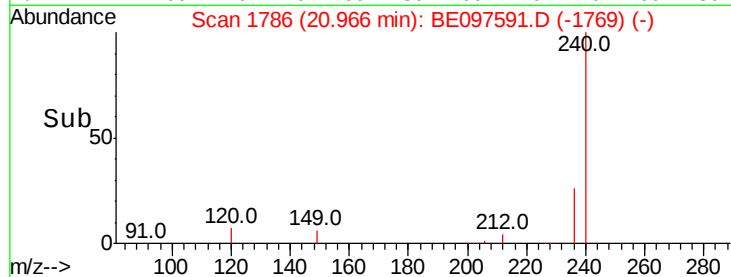
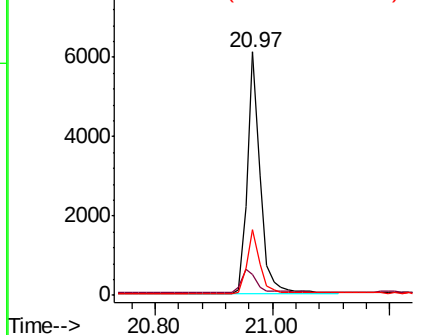


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29
Terphenyl-d14
Concen: 0.621 ng
RT: 19.41 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BE097591.D
Acq: 21 Sep 2018 2:28

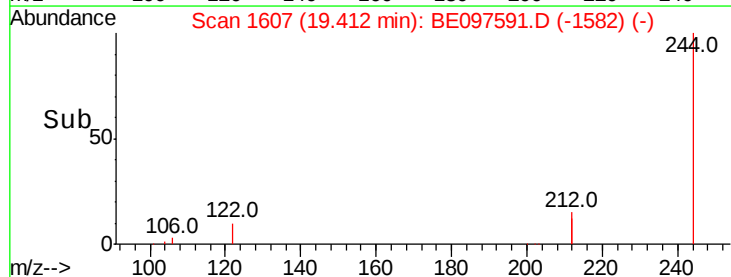
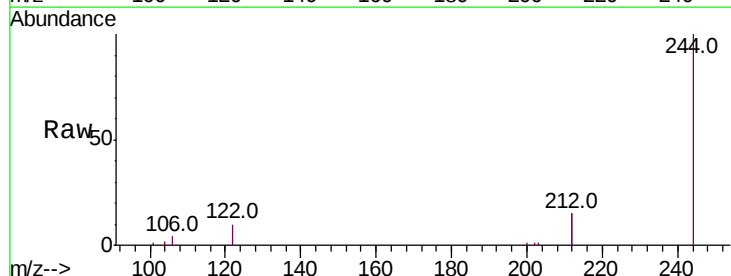
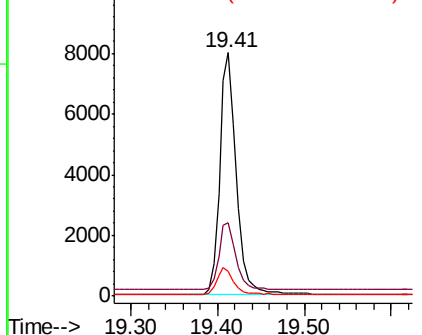
Tgt Ion	Ratio	Lower	Upper
244	100		
212	30.2	25.4	38.0
122	10.3	8.1	12.1

Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





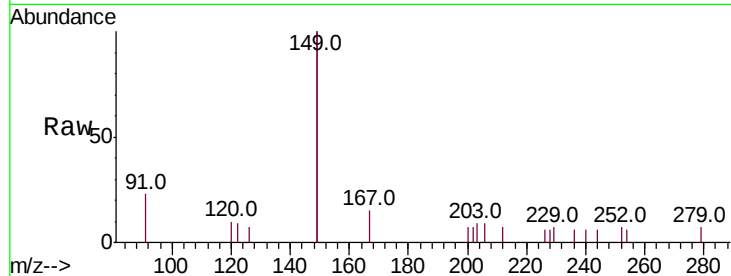
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.052 ng
RT: 20.89 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BE097591.D
Acq: 21 Sep 2018 2:28

Instrument :
BNA_E
ClientSampleId :
SA-PZ123I-20180914

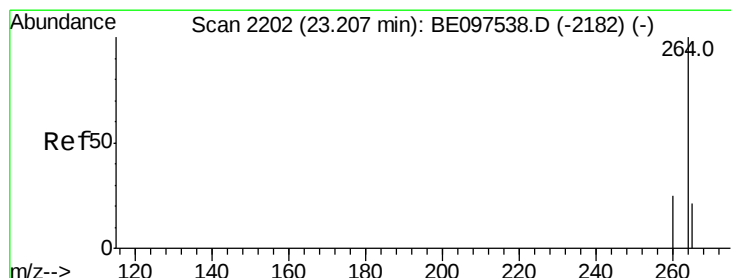
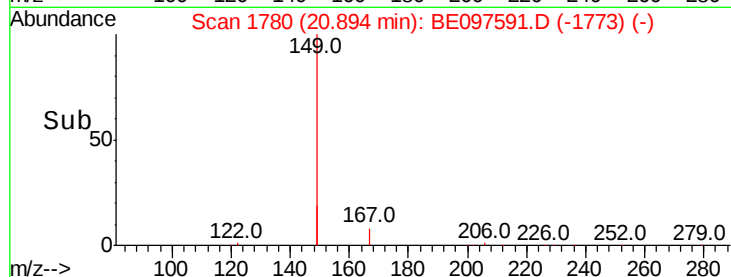
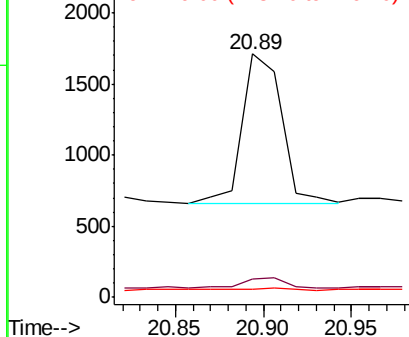
Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	6.7	5.4	8.0
279	1.2	0.7	1.1#

Manual Integrations
APPROVED

Sohil
9/21/2018 4:09:31 PM



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



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BE097591.D
Acq: 21 Sep 2018 2:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.3	20.5	30.7
265	27.9	22.8	34.2

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

