

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE073118\
 Data File : BE097115.D
 Acq On : 31 Jul 2018 10:32
 Operator : SJ/JU
 Sample : PB111580BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB111580BL

Manual Integrations
 APPROVED

Sohil
 8/1/2018 4:50:00 PM

Quant Time: Jul 31 11:14:01 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	1242	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	4938	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	2139	0.40	ng	0.01
19) Phenanthrene-d10	16.78	188	6415	0.40	ng	0.01
27) Chrysene-d12	20.98	240	5173	0.40	ng	0.00
34) Perylene-d12	23.22	264	4692	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1195	0.34	ng	0.00
5) Phenol-d6	6.60	99	1307	0.26	ng	0.00
8) Nitrobenzene-d5	8.53	82	1991	0.46	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	3080	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.54	330	178m	0.25	ng	0.02
15) 2-Fluorobiphenyl	12.63	172	4623	0.63	ng	0.00
25) Fluoranthene-d10	18.81	212	32348	0.50	ng	0.00
29) Terphenyl-d14	19.43	244	5020	0.51	ng	0.00

Target Compounds Qvalue

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

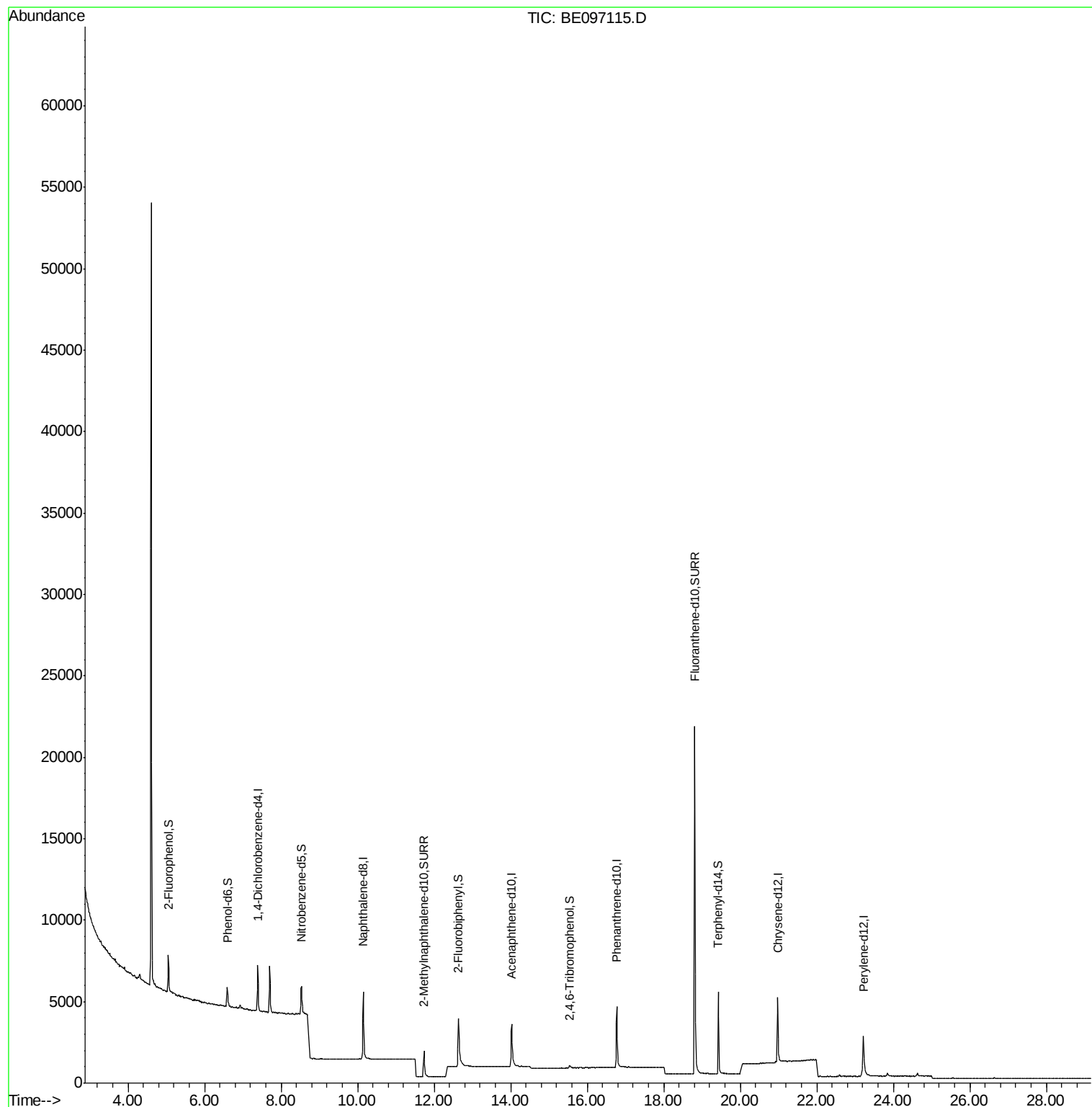
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE073118\
Data File : BE097115.D
Acq On : 31 Jul 2018 10:32
Operator : SJ/JU
Sample : PB111580BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

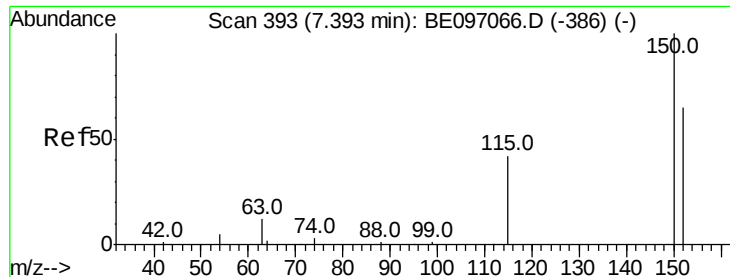
Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
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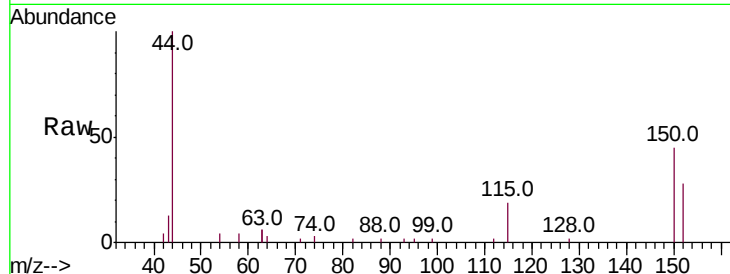
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: BE097115.D
 Acq: 31 Jul 2018 10:32

Instrument :
 BNA_E
 ClientSampleId :
 PB111580BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	117.2	175.8
115	67.2	57.0	85.6

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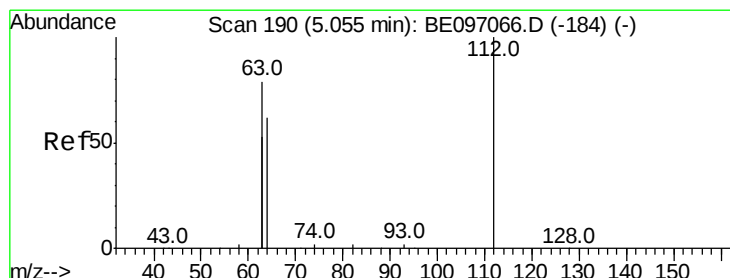
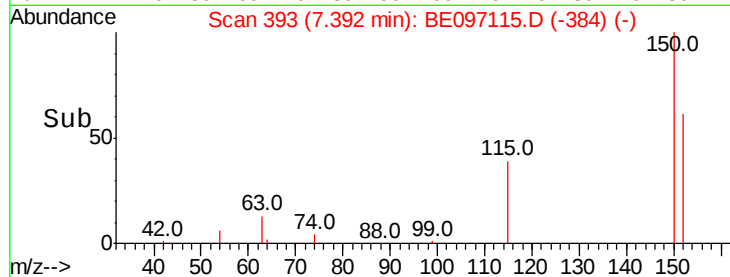
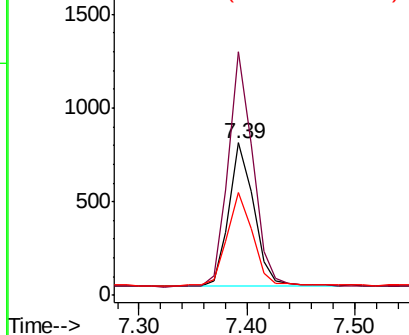


Abundance

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



#4
 2-Fluorophenol
 Concen: 0.342 ng
 RT: 5.05 min Scan# 190
 Delta R.T. 0.00 min
 Lab File: BE097115.D
 Acq: 31 Jul 2018 10:32

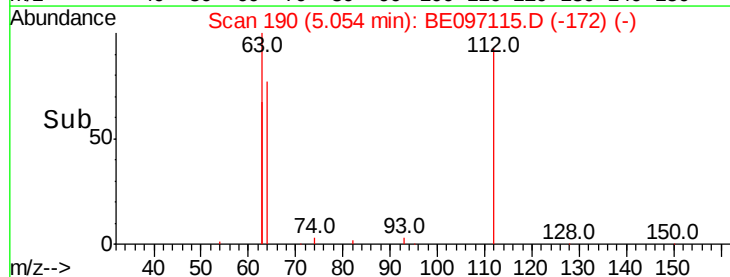
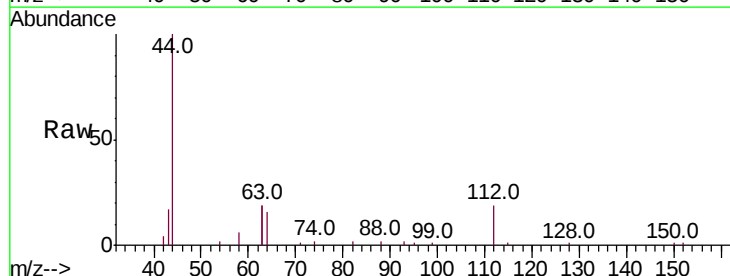
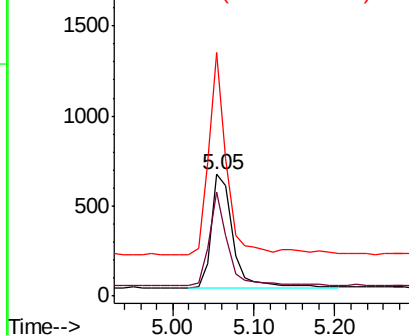
Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	60.1	90.1
63	143.8	116.8	175.2

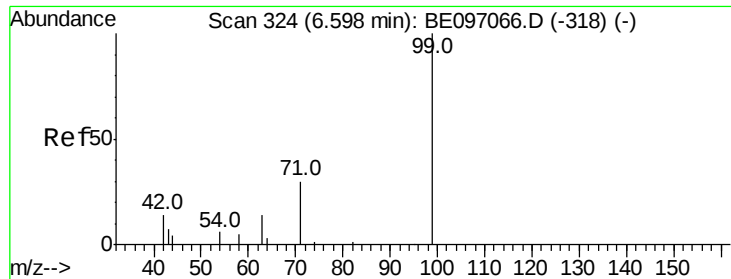
Abundance

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: 0.255 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE097115.D

Acq: 31 Jul 2018 10:32

Instrument :

BNA_E

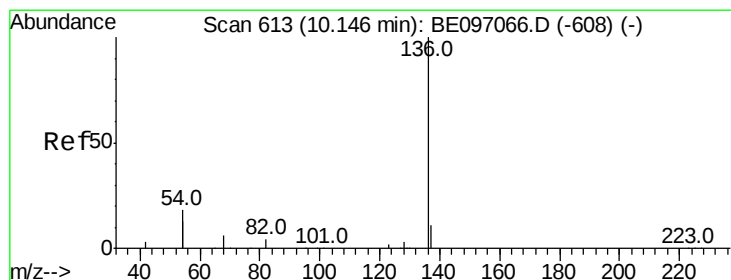
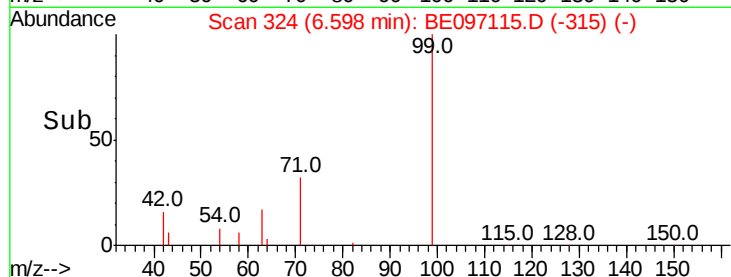
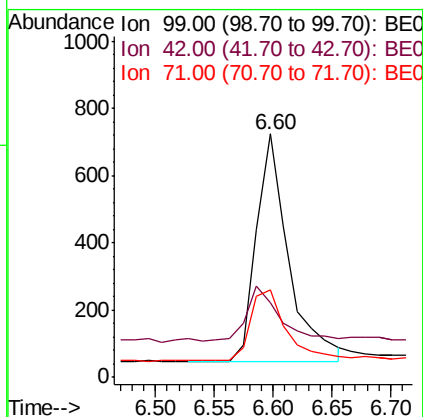
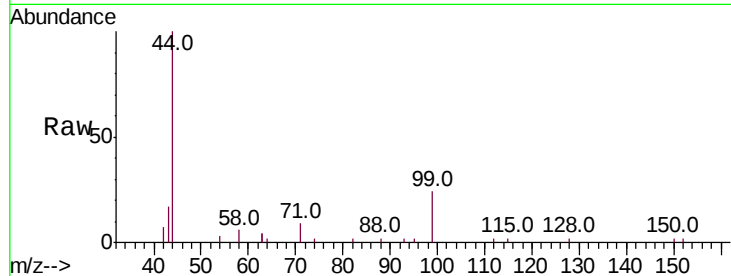
ClientSampleId :

PB111580BL

Tot Ion:	99	Resp:	1307
Ion	Ratio	Lower	Upper
99	100		
42	25.4	20.2	30.2
71	35.2	28.4	42.6

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#7

Naphthalene-d8

Concen: 0.400 ng

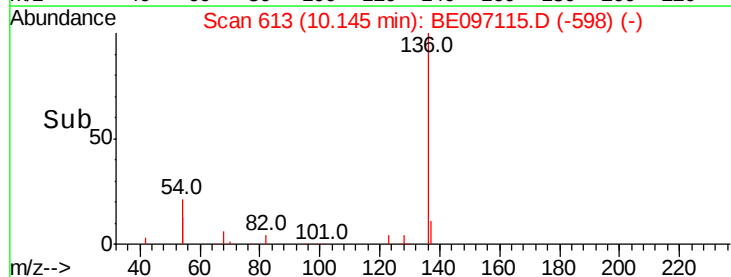
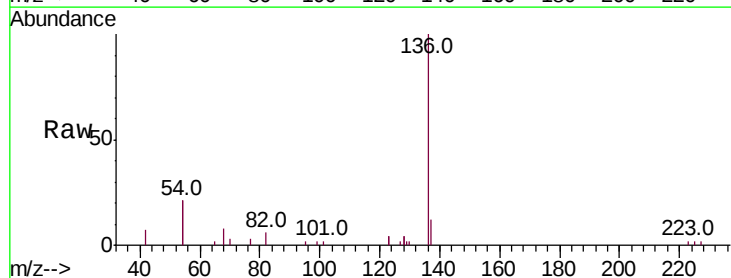
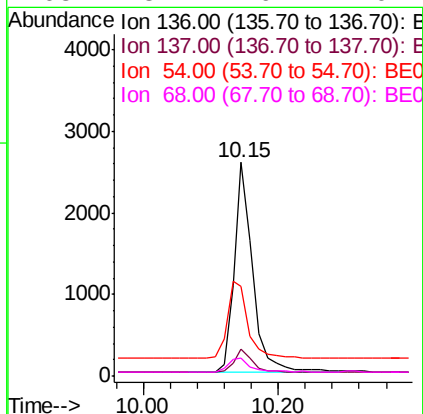
RT: 10.15 min Scan# 613

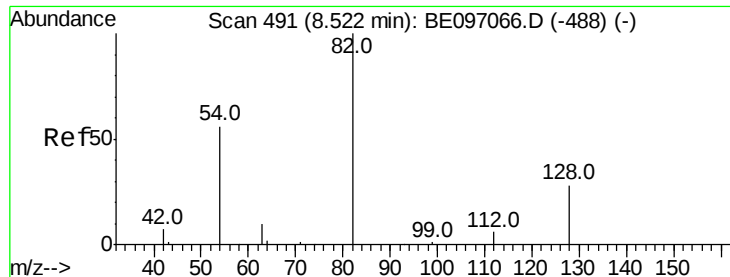
Delta R.T. -0.00 min

Lab File: BE097115.D

Acq: 31 Jul 2018 10:32

Tgt Ion:	136	Resp:	4938
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	42.2	29.1	43.7
68	8.1	6.2	9.2





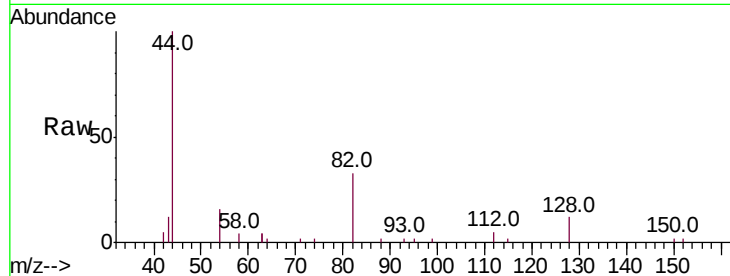
#8
 Nitrobenzene-d5
 Concen: 0.464 ng
 RT: 8.53 min Scan# 492
 Delta R.T. 0.01 min
 Lab File: BE097115.D
 Acq: 31 Jul 2018 10:32

Instrument :
 BNA_E
 ClientSampleId :
 PB111580BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.6	24.0	36.0#
54	49.0	40.0	60.0

Manual Integrations
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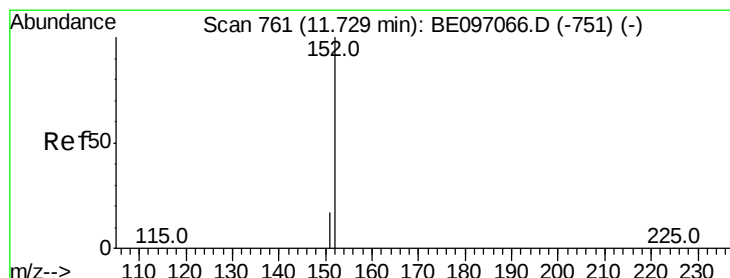
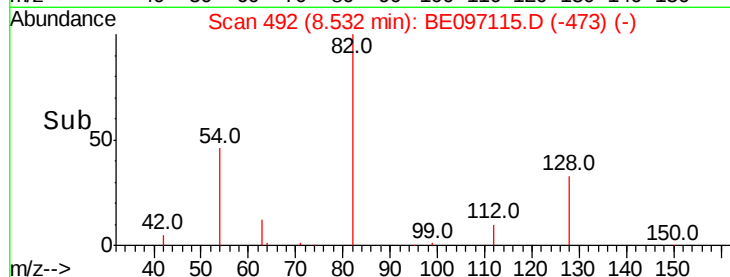
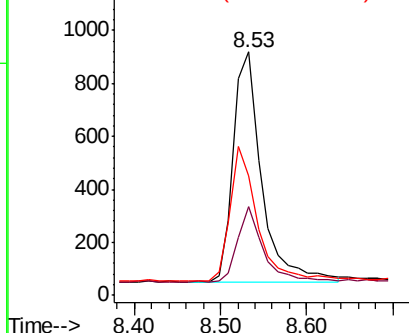


Abundance

Ion 82.00 (81.70 to 82.70): BE0

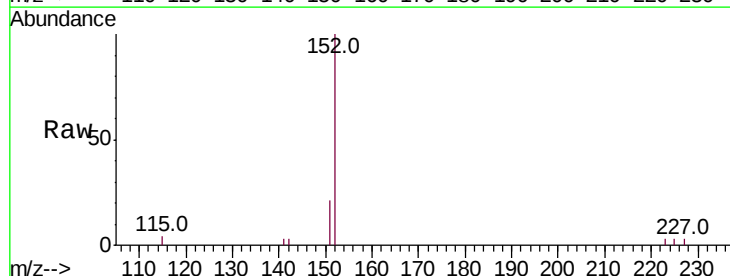
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



#11
 2-Methylnaphthalene-d10
 Concen: 0.417 ng
 RT: 11.73 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: BE097115.D
 Acq: 31 Jul 2018 10:32

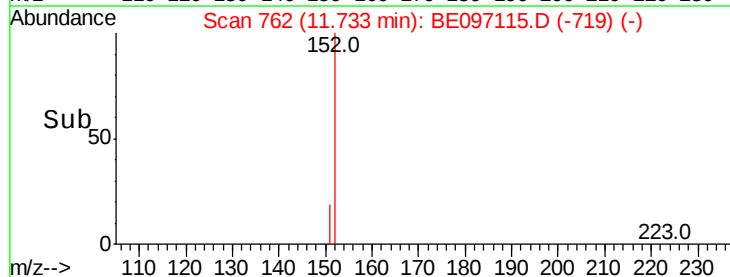
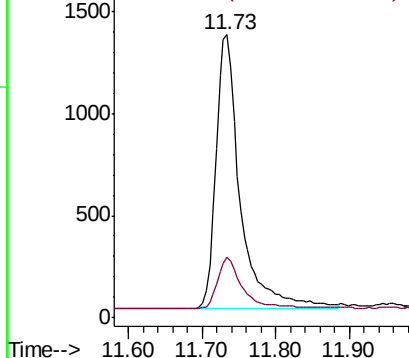
Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.4	23.0

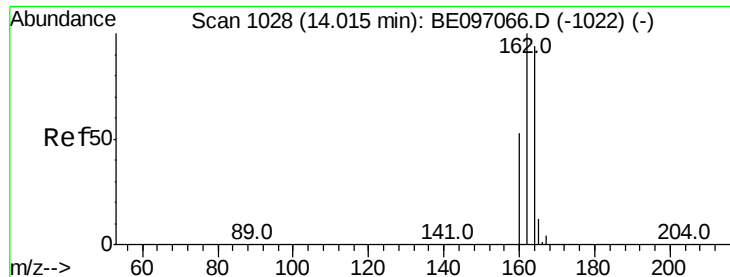


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





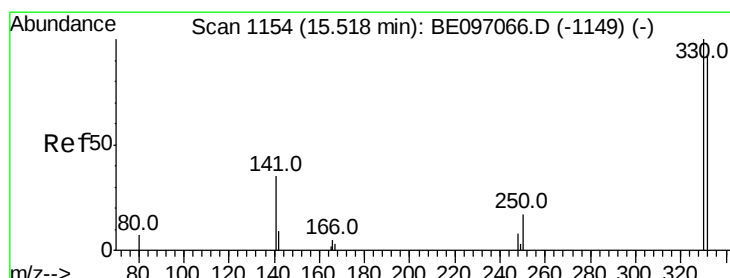
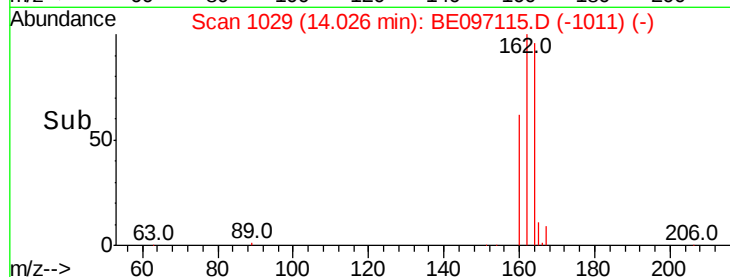
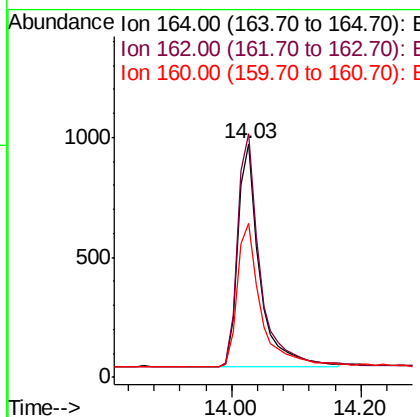
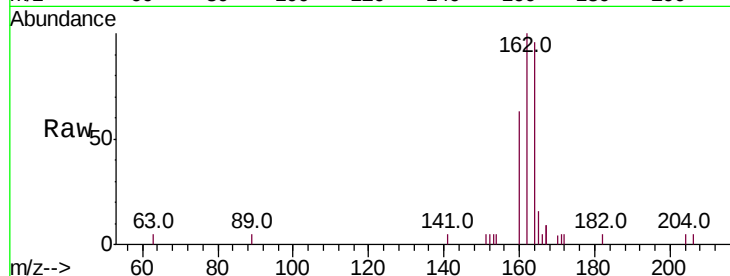
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.03 min Scan# 1029
 Delta R.T. 0.01 min
 Lab File: BE097115.D
 Acq: 31 Jul 2018 10:32

Instrument :
 BNA_E
 ClientSampleID :
 PB111580BL

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.1	124.7
160	65.8	37.1	55.7

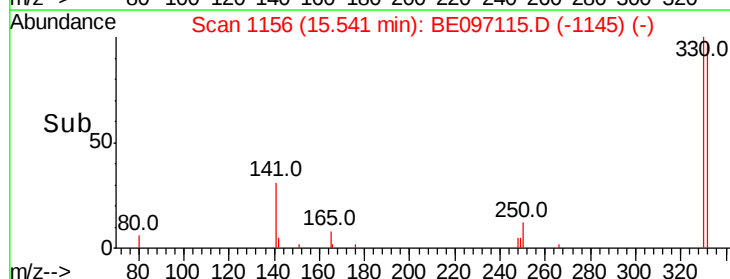
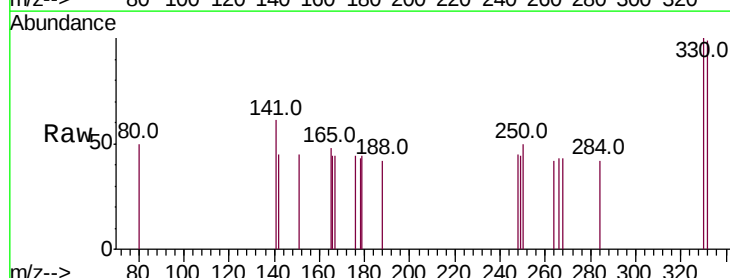
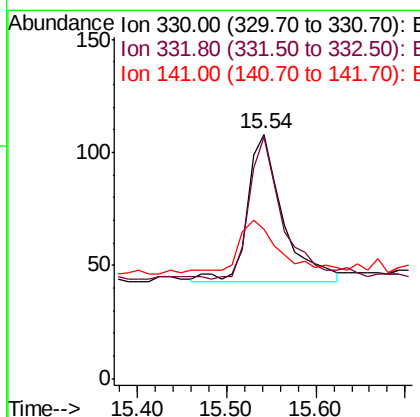
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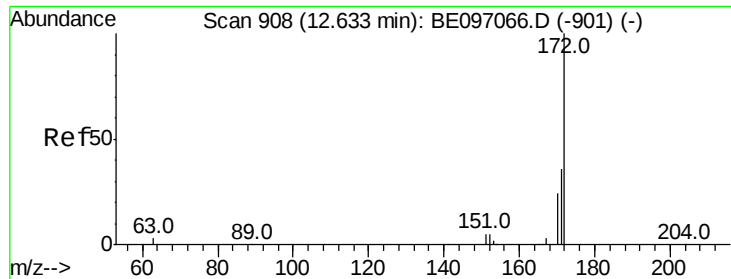
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 8/1/2018 4:50:00 PM



#14
 2,4,6-Tribromophenol
 Concen: 0.253 ng m
 RT: 15.54 min Scan# 1156
 Delta R.T. 0.02 min
 Lab File: BE097115.D
 Acq: 31 Jul 2018 10:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	85.4	152.7	229.1
141	31.5	33.7	50.5





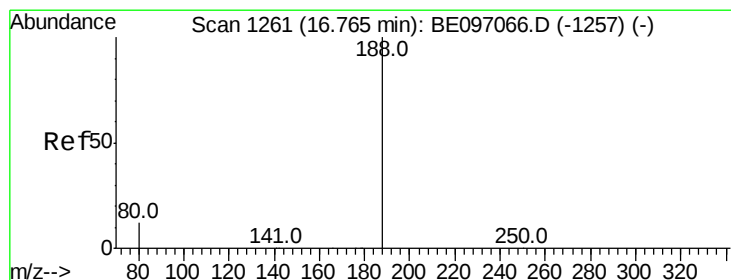
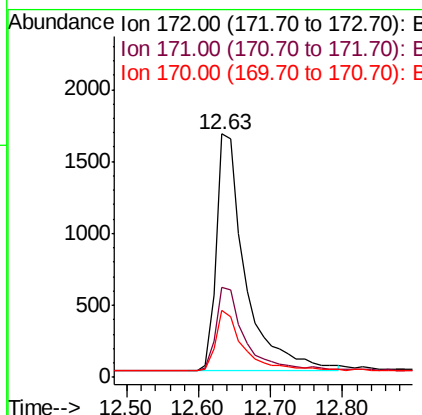
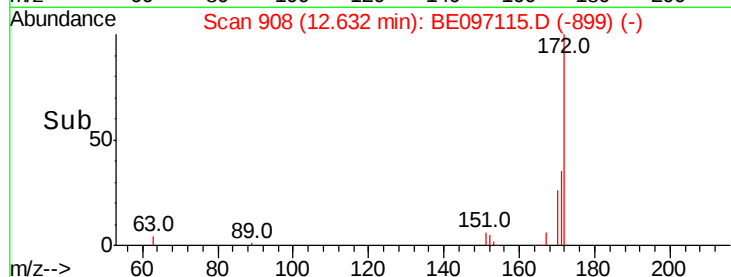
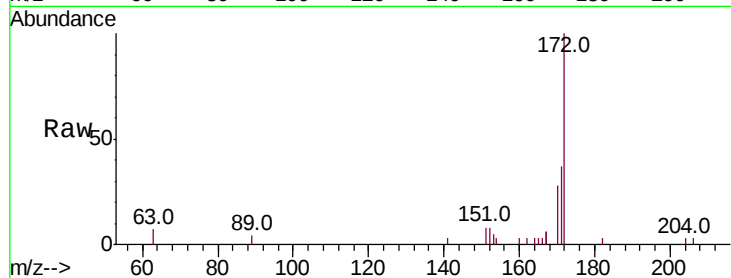
#15
2-Fluorobiphenyl
Concen: 0.626 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097115.D
Acq: 31 Jul 2018 10:32

Instrument :
BNA_E
ClientSampleId :
PB111580BL

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.9	44.9
170	27.7	21.8	32.8

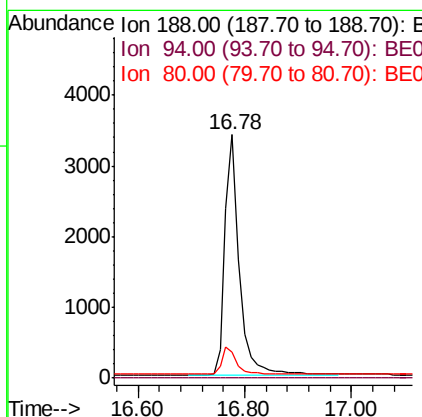
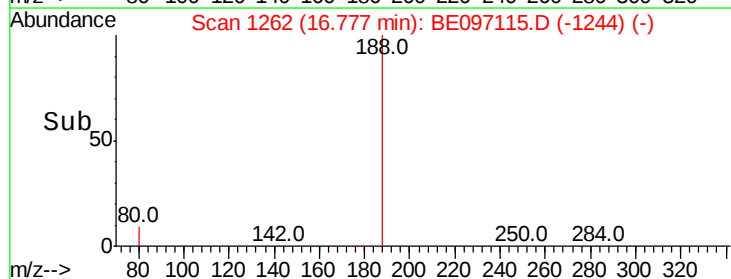
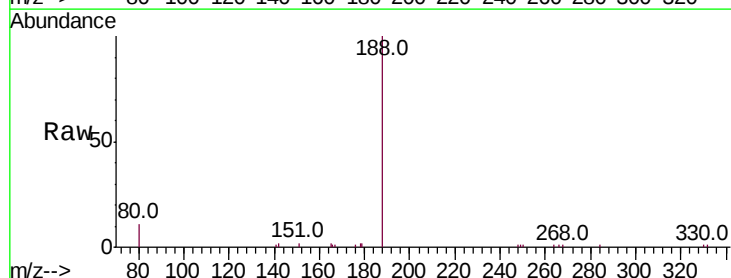
Manual Integrations
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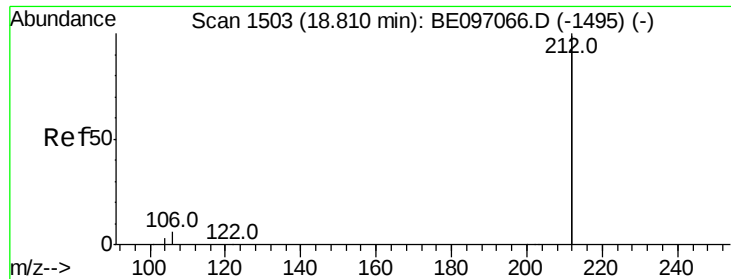
Sohil
8/1/2018 4:50:00 PM



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BE097115.D
Acq: 31 Jul 2018 10:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.7	3.6	5.4#





#25

Fluoranthene-d10

Concen: 0.504 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097115.D

Acq: 31 Jul 2018 10:32

Instrument :

BNA_E

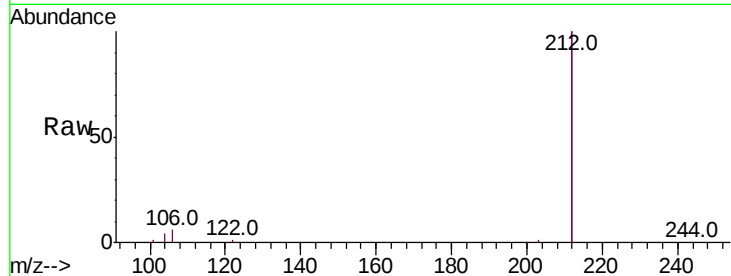
ClientSampled :

PB111580BL

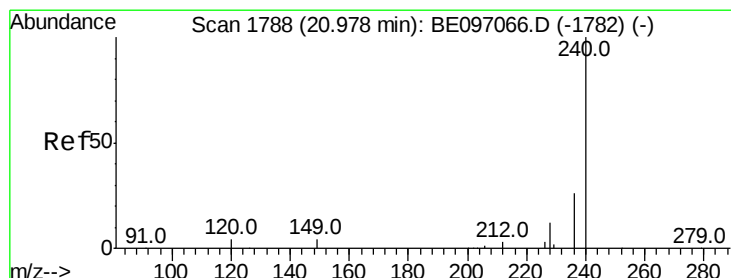
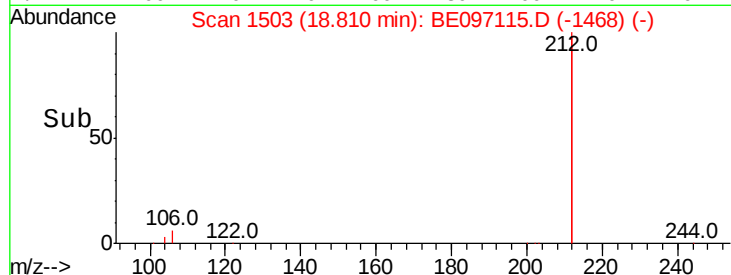
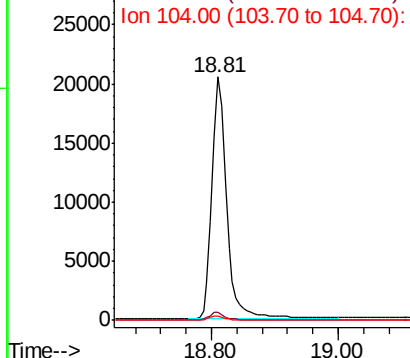
Tot Ion:	212	Resp:	32348
Ion Ratio	Lower	Upper	
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1788

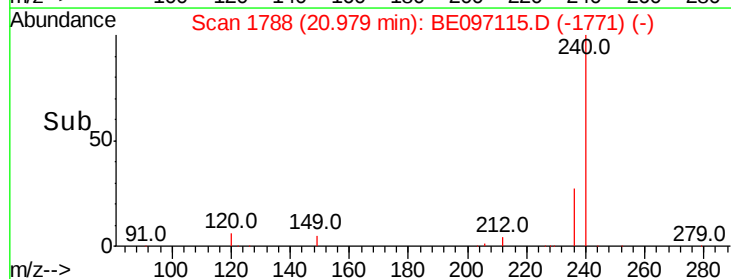
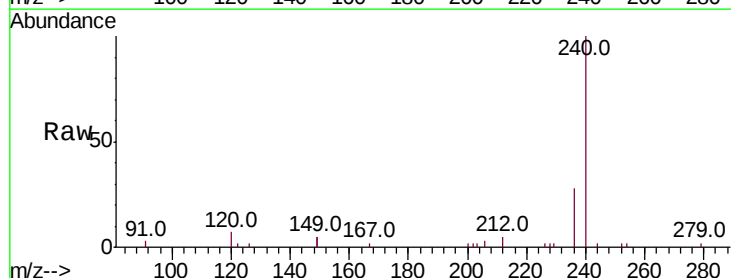
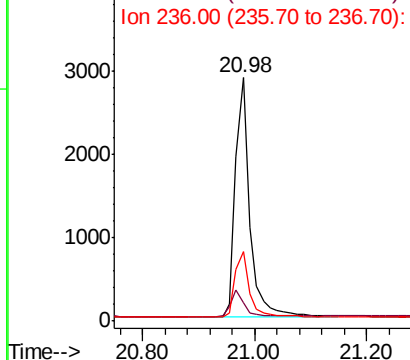
Delta R.T. 0.00 min

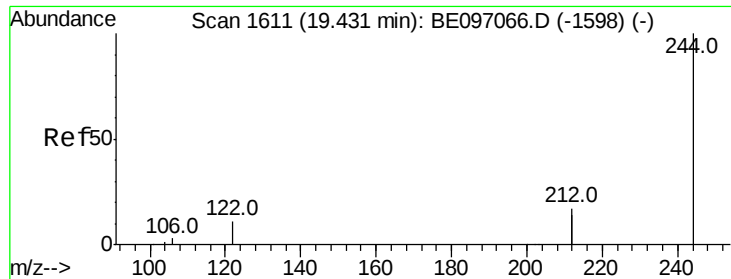
Lab File: BE097115.D

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Tgt Ion:	240	Resp:	5173
Ion Ratio	Lower	Upper	
240	100		
120	7.4	5.5	8.3
236	28.4	20.7	31.1

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





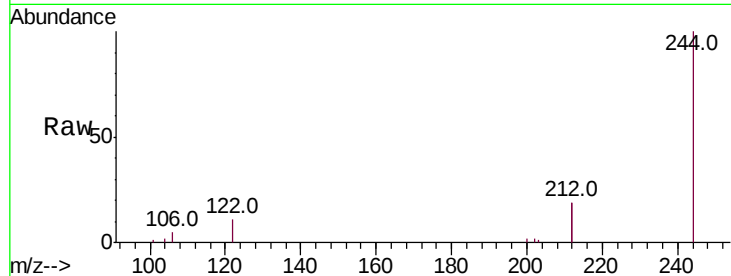
#29
 Terphenyl-d14
 Concen: 0.505 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BE097115.D
 Acq: 31 Jul 2018 10:32

Instrument :
 BNA_E
 ClientSampleId :
 PB111580BL

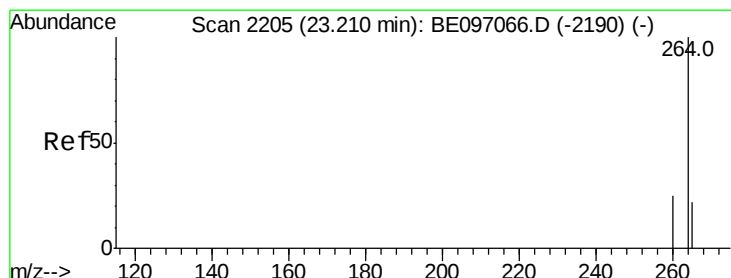
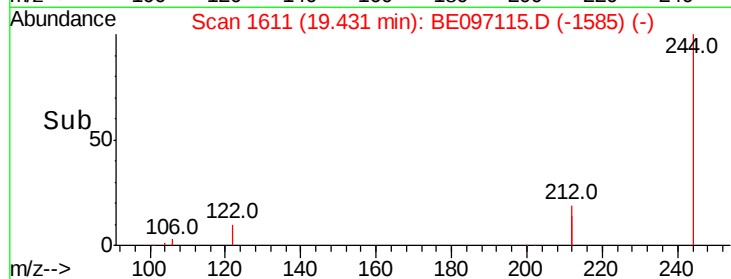
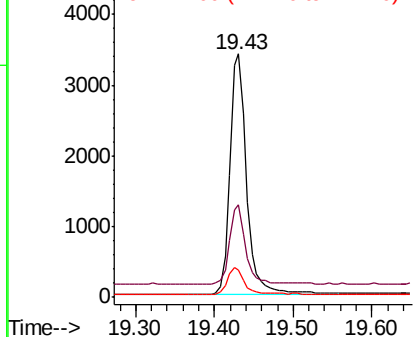
Tot Ion	Ratio	Lower	Upper
244	100		
212	38.1	25.4	38.0
122	11.4	8.1	12.1

Manual Integrations
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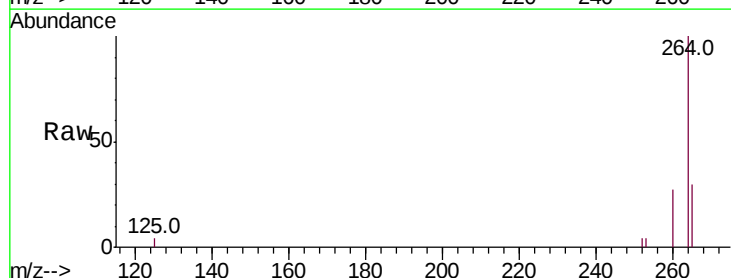


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2207
 Delta R.T. 0.01 min
 Lab File: BE097115.D
 Acq: 31 Jul 2018 10:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.5	30.7
265	29.6	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

