

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098913.D
 Acq On : 13 Mar 2019 15:55
 Operator : JU/SJ
 Sample : K1841-09DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-20190308DL

Manual Integrations
 APPROVED

Sohil
 3/14/2019 11:09:18 AM

Quant Time: Mar 14 07:14:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	641	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	3148	0.40	ng	0.02
13) Acenaphthene-d10	14.47	164	2516	0.40	ng	0.02
19) Phenanthrene-d10	17.21	188	6157	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6654	0.40	ng	0.00
34) Perylene-d12	23.90	264	6452	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	38	0.02	ng	0.04
5) Phenol-d6	7.01	99	2	0.00	ng	0.03
8) Nitrobenzene-d5	9.08	82	38m	0.01	ng	0.12
11) 2-Methylnaphthalene-d10	12.24	152	436	0.07	ng	0.04
14) 2,4,6-Tribromophenol	16.00	330	61	0.05	ng	0.03
15) 2-Fluorobiphenyl	13.13	172	838	0.08	ng	0.04
25) Fluoranthene-d10	19.26	212	7259	0.07	ng	0.02
29) Terphenyl-d14	19.86	244	1529	0.09	ng	0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	2627	2.558	ng	Qvalue 96

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

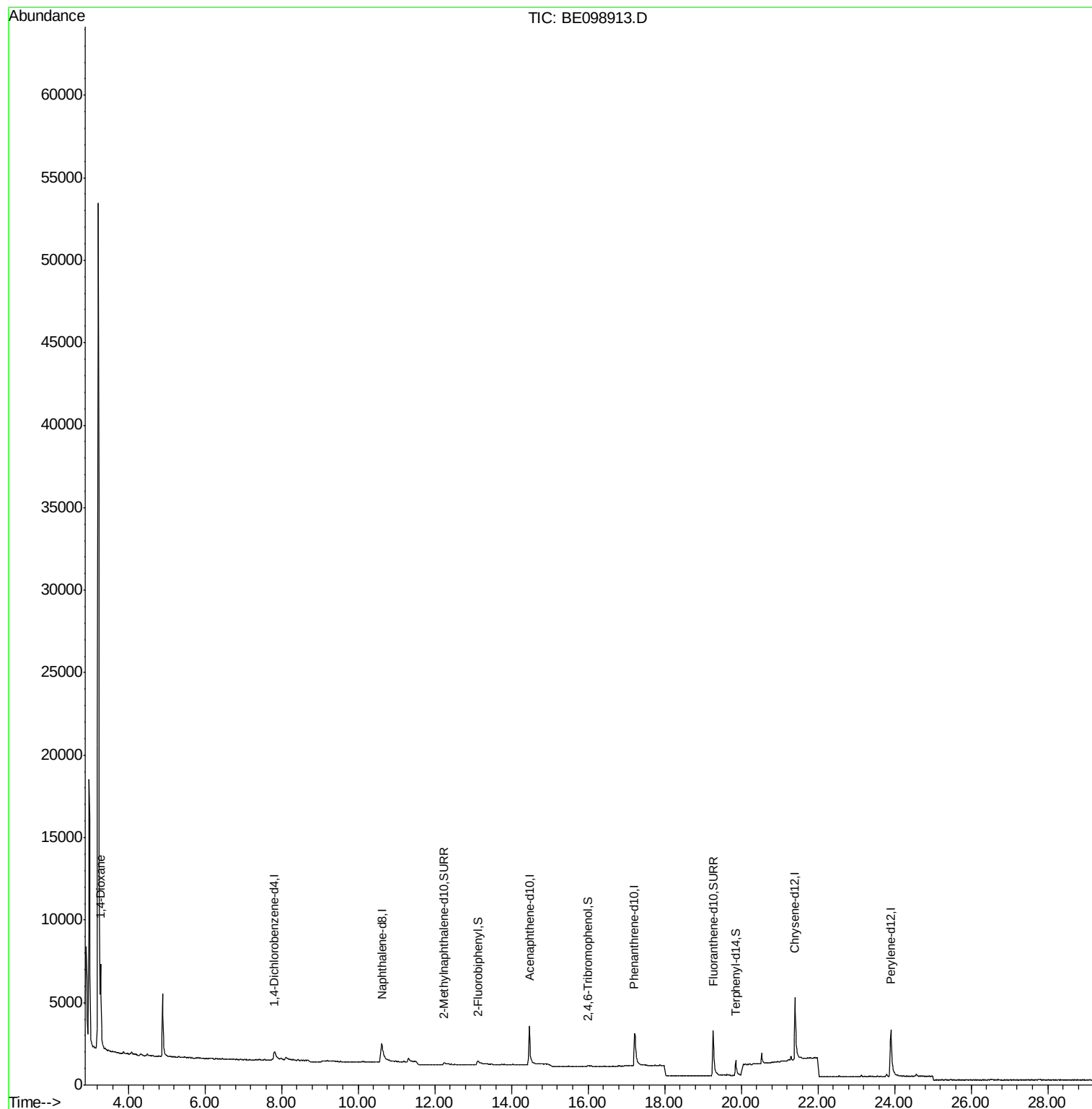
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
Data File : BE098913.D
Acq On : 13 Mar 2019 15:55
Operator : JU/SJ
Sample : K1841-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

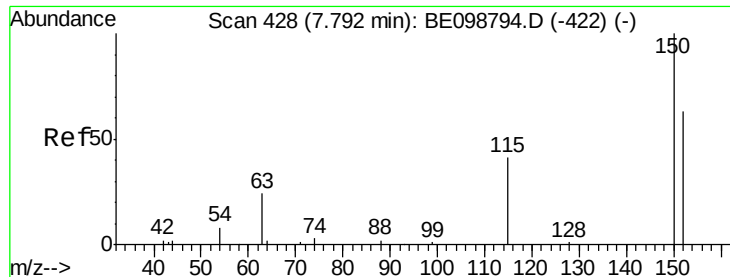
Instrument :
BNA_E
ClientSampleId :
RE103D1-20190308DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
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#1

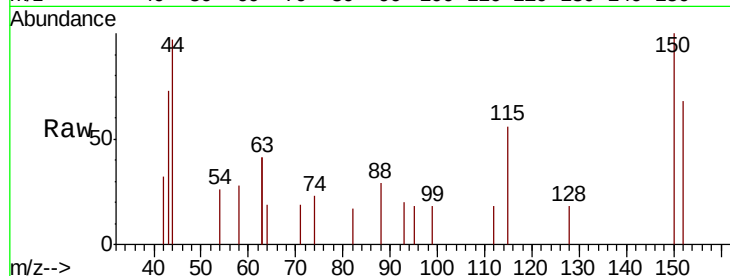
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098913.D
Acq: 13 Mar 2019 15:55

Instrument :
BNA_E
ClientSampleID :
RE103D1-20190308DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.0	122.5	183.7
115	82.5	57.4	86.2

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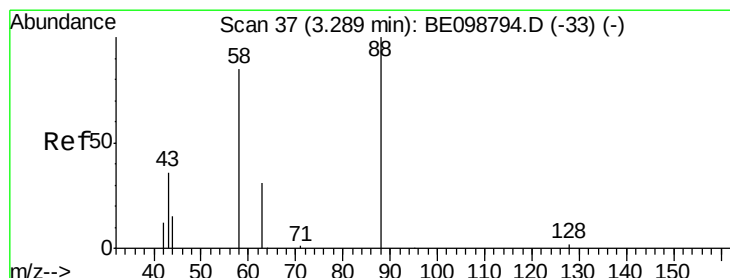
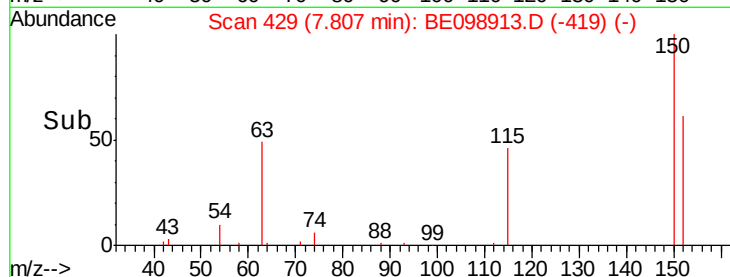
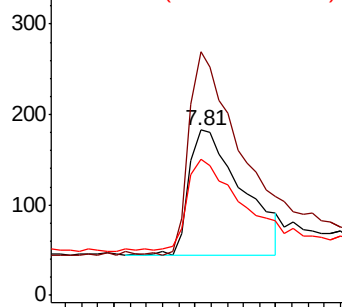


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

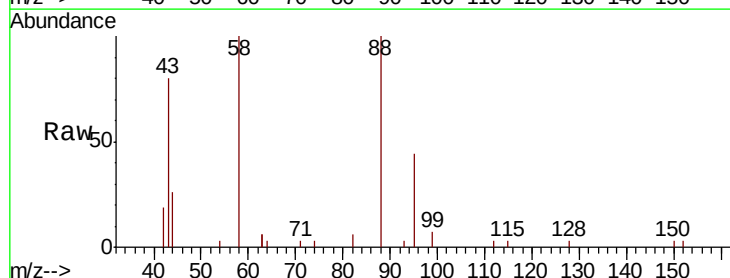
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 2.558 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098913.D
Acq: 13 Mar 2019 15:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.0	75.8	113.6
43	49.8	41.8	62.8

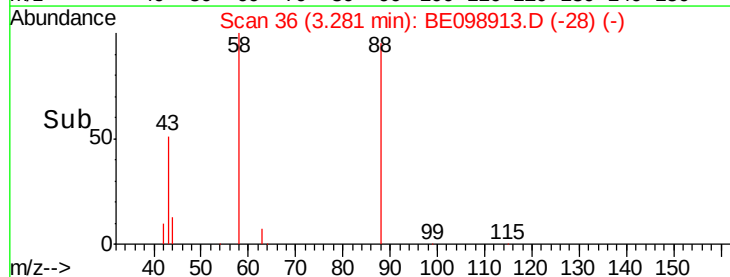
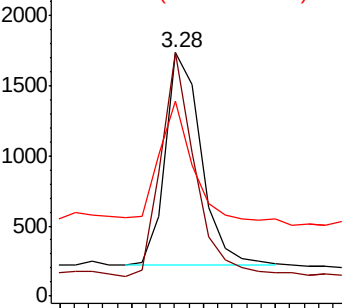


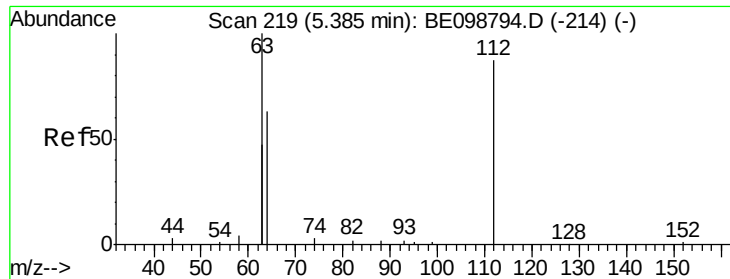
Abundance

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: 0.020 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE098913.D

Acq: 13 Mar 2019 15:55

Instrument :

BNA_E

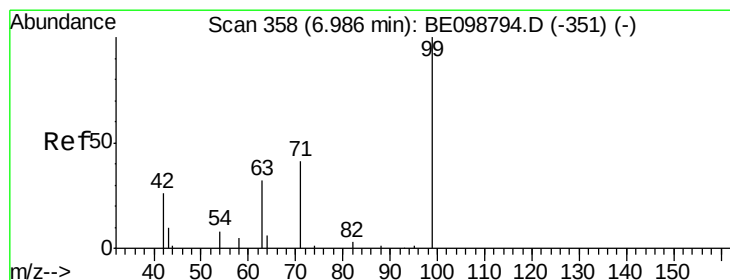
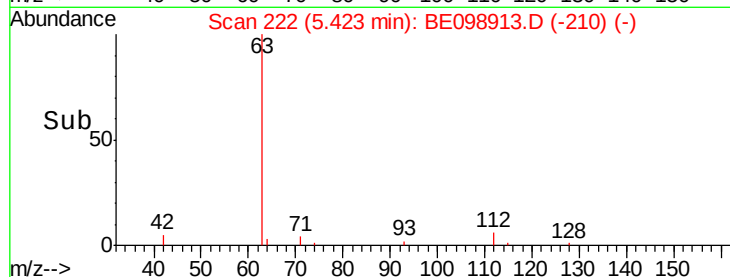
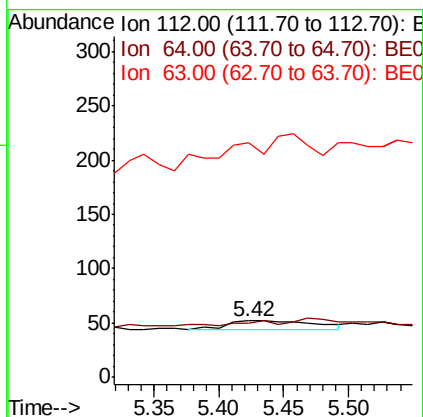
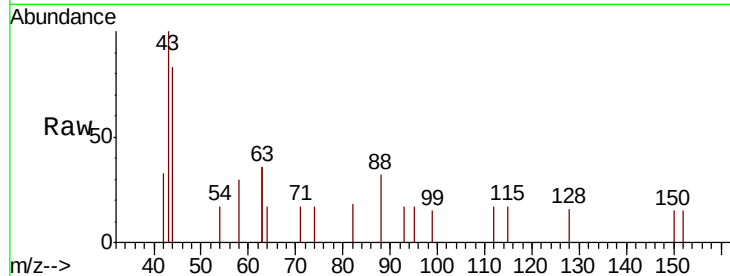
ClientSampleId :

RE103D1-20190308DL

Tot Ion:	112	Resp:	38
Ion Ratio	Lower	Upper	
112	100		
64	26.3	57.9	86.9#
63	0.0	158.3	237.5#

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#5

Phenol-d6

Concen: 0.001 ng

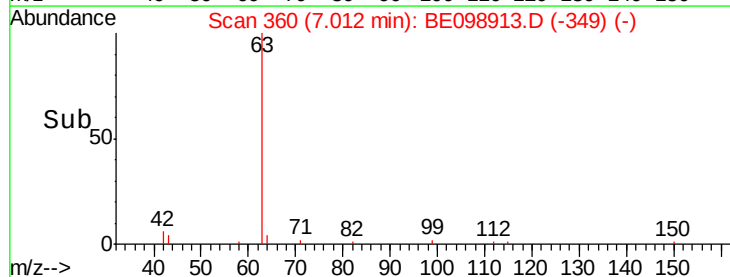
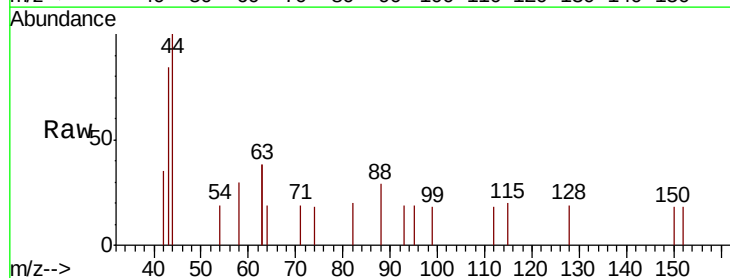
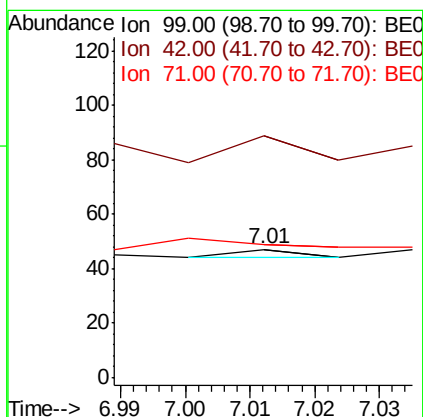
RT: 7.01 min Scan# 360

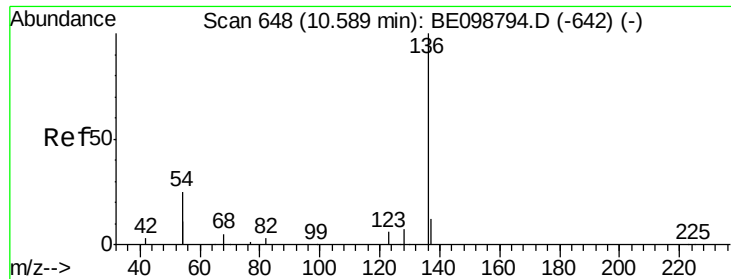
Delta R.T. 0.03 min

Lab File: BE098913.D

Acq: 13 Mar 2019 15:55

Tgt Ion:	99	Resp:	2
Ion Ratio	Lower	Upper	
99	100		
42	850.0	24.2	36.2#
71	300.0	35.7	53.5#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.02 min

Lab File: BE098913.D

Acq: 13 Mar 2019 15:55

Instrument :

BNA_E

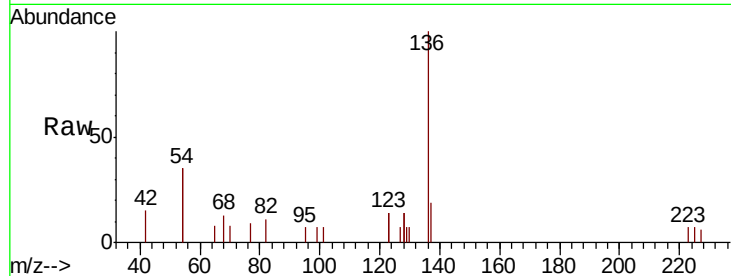
ClientSampleID :

RE103D1-20190308DL

Tot Ion	Ratio	Lower	Upper
136	100		
137	18.5	11.4	17.0#
54	70.3	39.3	58.9#
68	13.1	6.7	10.1#

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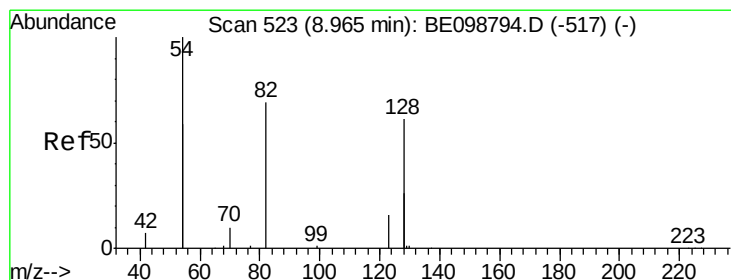
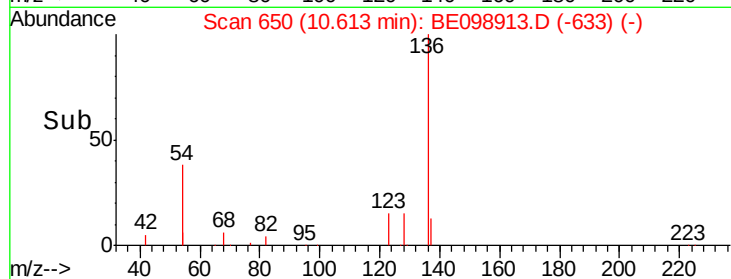
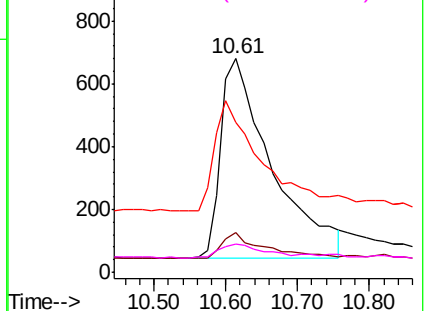
Abundance

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: 0.012 ng m

RT: 9.08 min Scan# 532

Delta R.T. 0.12 min

Lab File: BE098913.D

Acq: 13 Mar 2019 15:55

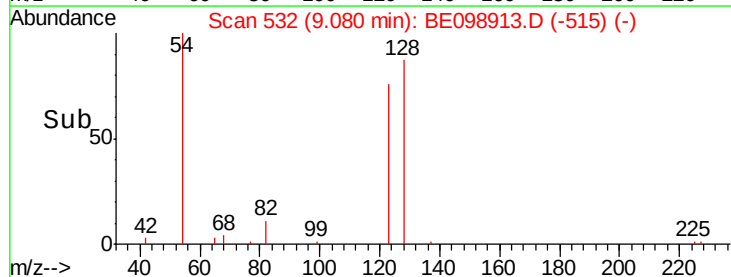
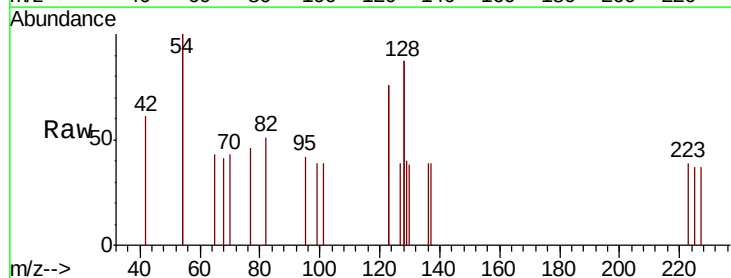
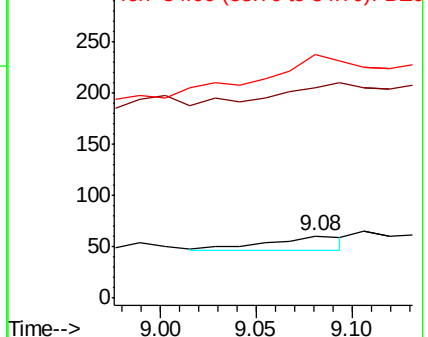
Tgt Ion	Ratio	Lower	Upper
82	100		
128	168.9	123.8	185.8
54	195.1	203.4	305.2#

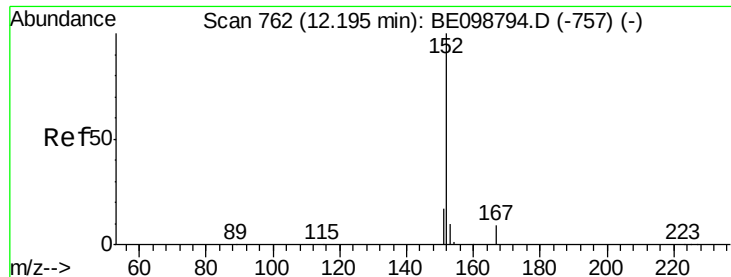
Abundance

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: 0.075 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.04 min

Lab File: BE098913.D

Acq: 13 Mar 2019 15:55

Instrument :

BNA_E

ClientSampleId :

RE103D1-20190308DL

Tot Ion:152 Resp: 436

Ion Ratio Lower Upper

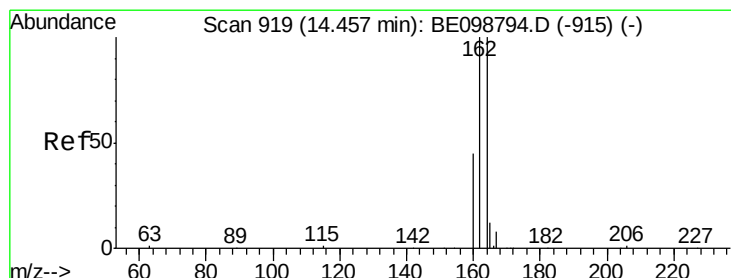
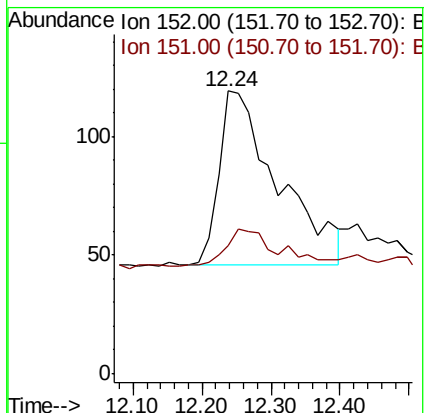
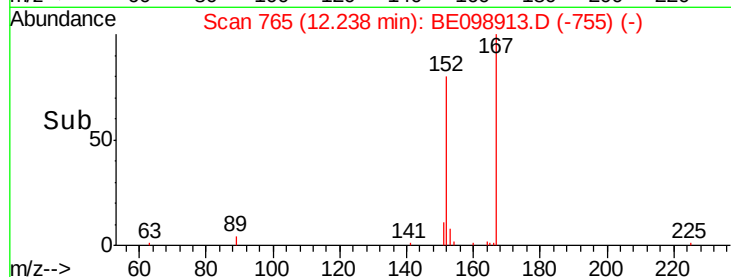
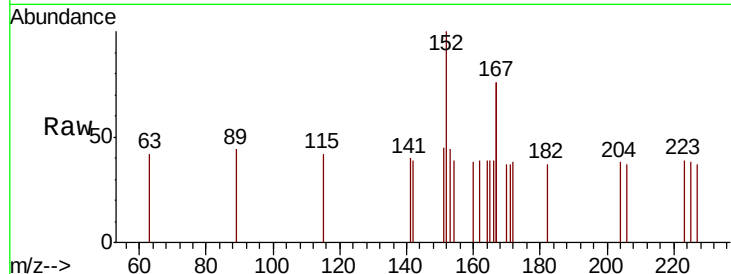
152 100

151 14.9 16.5 24.7#

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#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.02 min

Lab File: BE098913.D

Acq: 13 Mar 2019 15:55

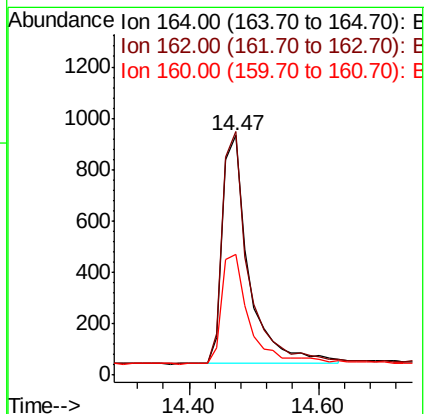
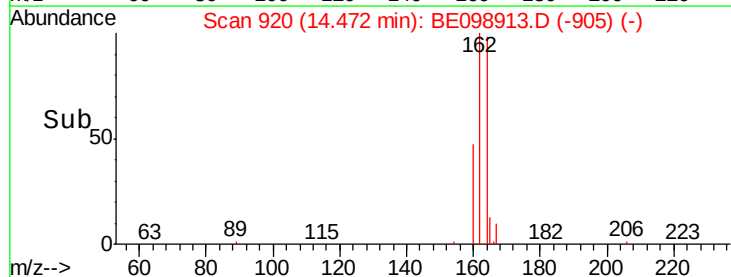
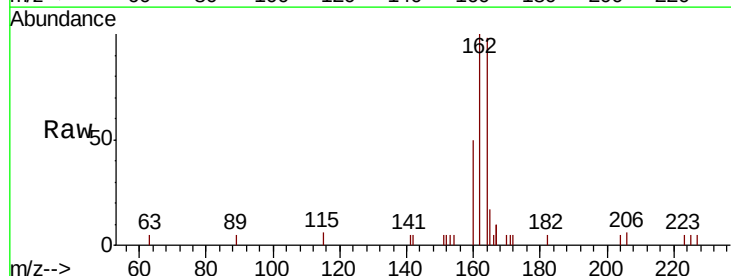
Tgt Ion:164 Resp: 2516

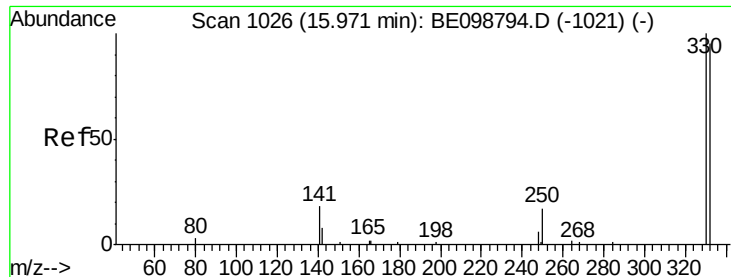
Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

160 50.6 37.8 56.8





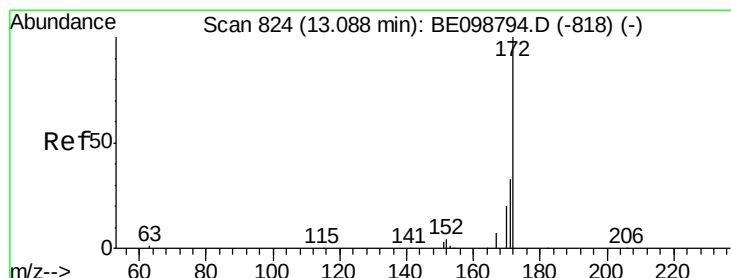
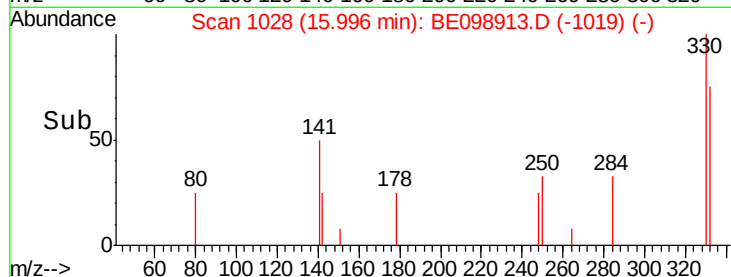
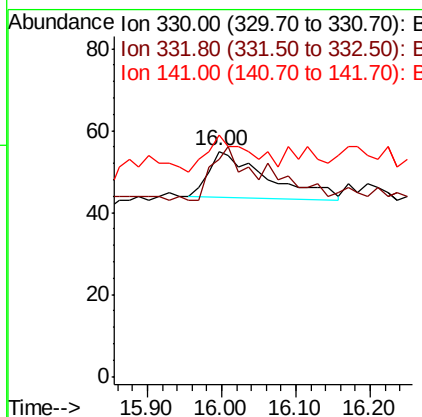
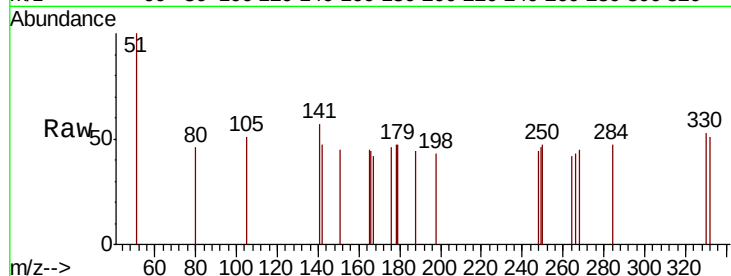
#14
2,4,6-Tribromophenol
Concen: 0.048 ng
RT: 16.00 min Scan# 1028
Delta R.T. 0.03 min
Lab File: BE098913.D
Acq: 13 Mar 2019 15:55

Instrument :
BNA_E
ClientSampleId :
RE103D1-20190308DL

Tot Ion: 330 Resp: 61
Ion Ratio Lower Upper
330 100
332 67.2 77.6 116.4#
141 57.4 31.0 46.4#

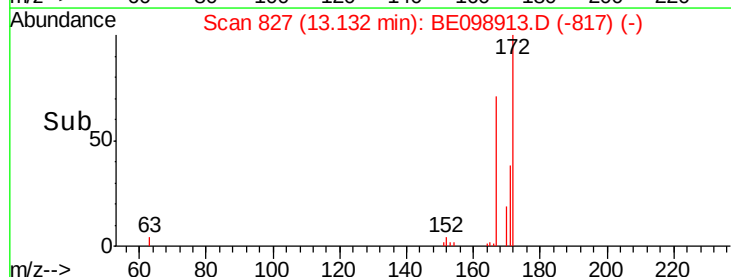
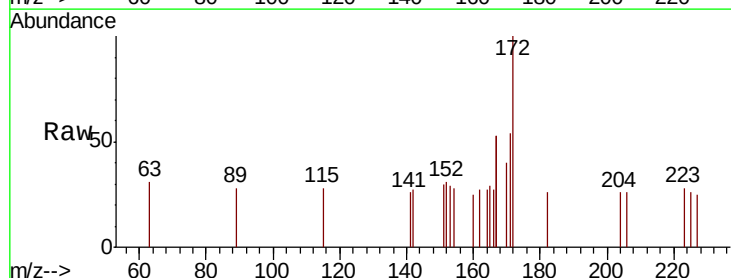
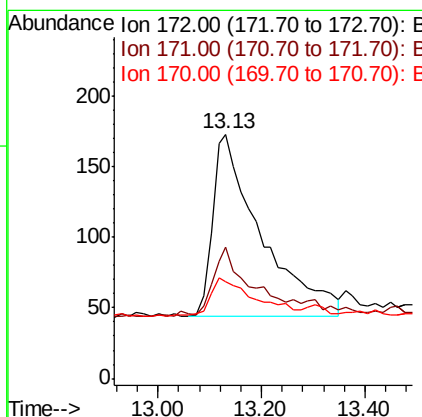
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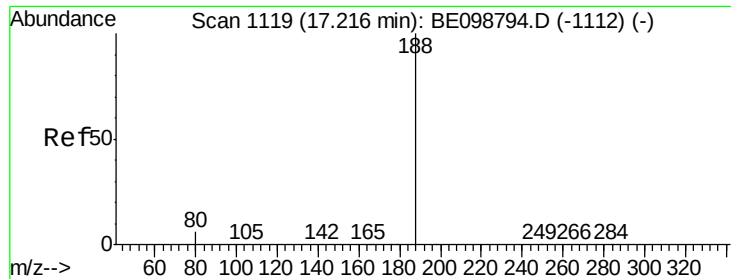
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#15
2-Fluorobiphenyl
Concen: 0.080 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.04 min
Lab File: BE098913.D
Acq: 13 Mar 2019 15:55

Tgt Ion: 172 Resp: 838
Ion Ratio Lower Upper
172 100
171 53.8 28.0 42.0#
170 39.9 17.7 26.5#





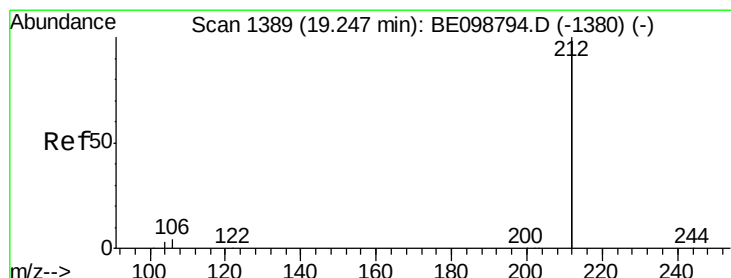
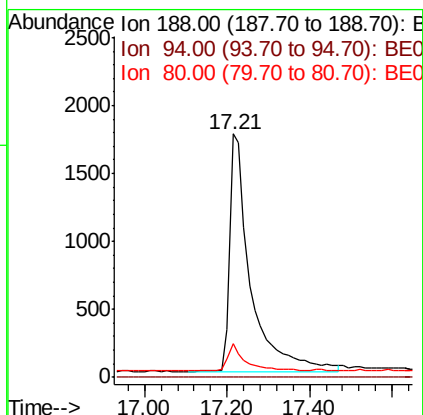
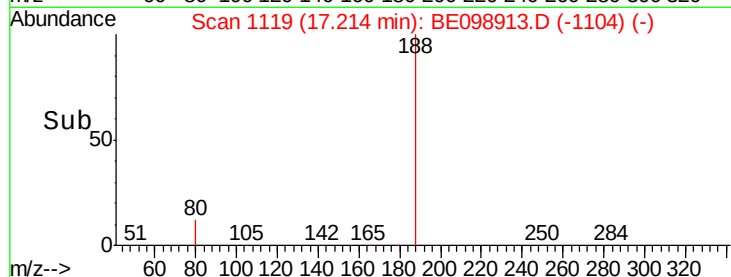
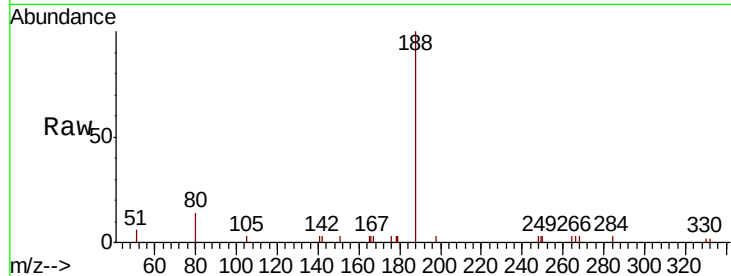
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098913.D
Acq: 13 Mar 2019 15:55

Instrument :
BNA_E
ClientSampleId :
RE103D1-20190308DL

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	6.3	9.5

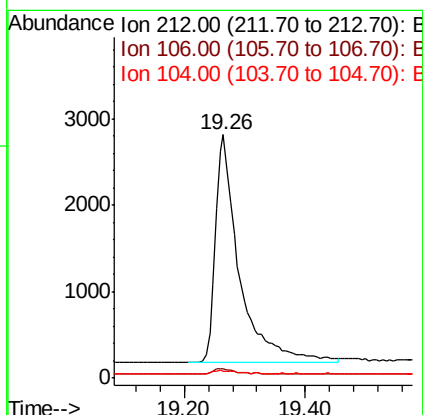
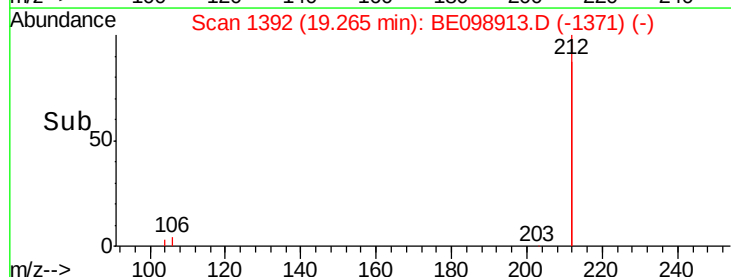
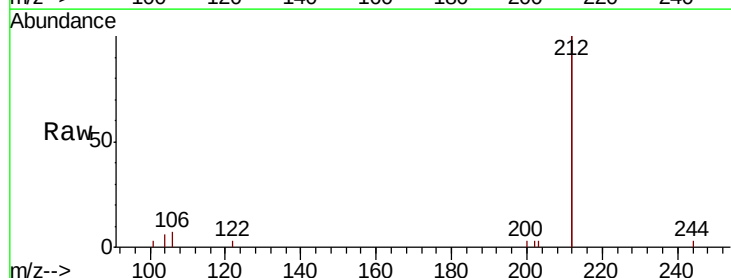
Manual Integrations
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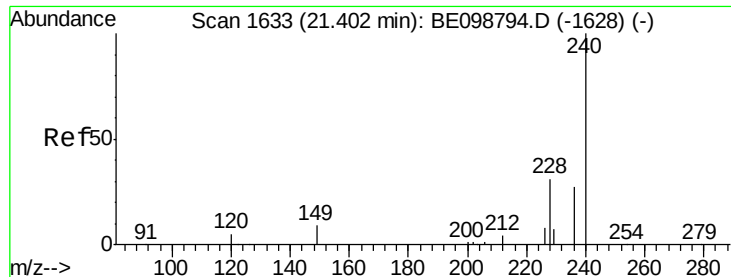
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#25
Fluoranthene-d10
Concen: 0.074 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.02 min
Lab File: BE098913.D
Acq: 13 Mar 2019 15:55

Tgt Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.8	2.8
104	1.3	1.0	1.6





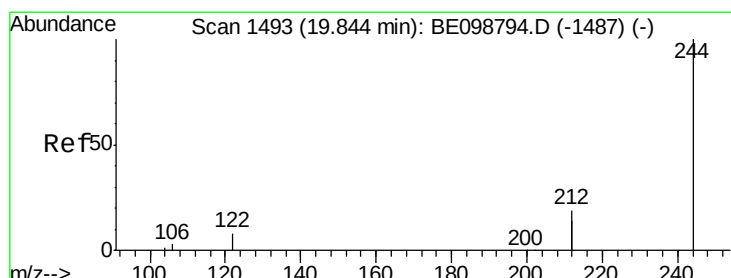
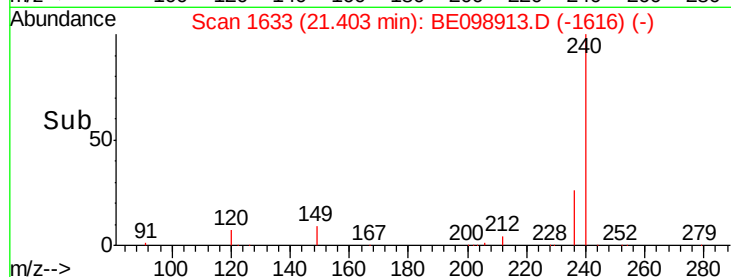
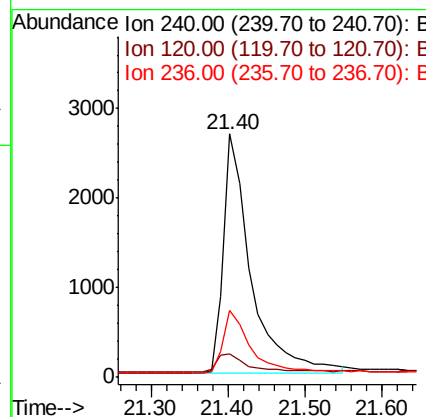
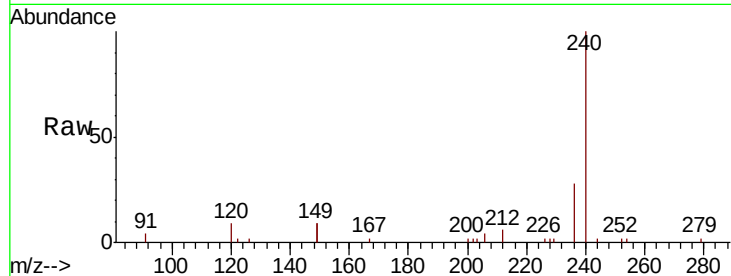
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098913.D
Acq: 13 Mar 2019 15:55

Instrument :
BNA_E
ClientSampleId :
RE103D1-20190308DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	5.0	7.4#
236	27.5	22.7	34.1

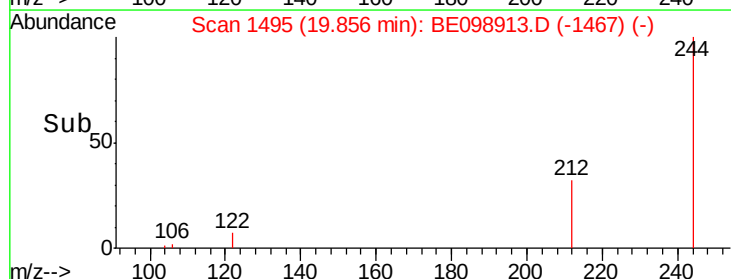
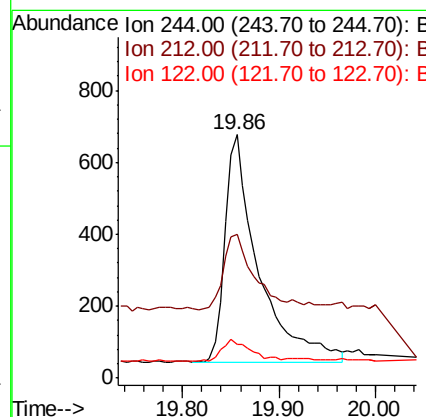
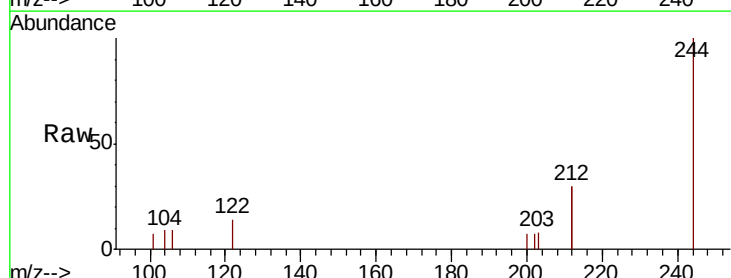
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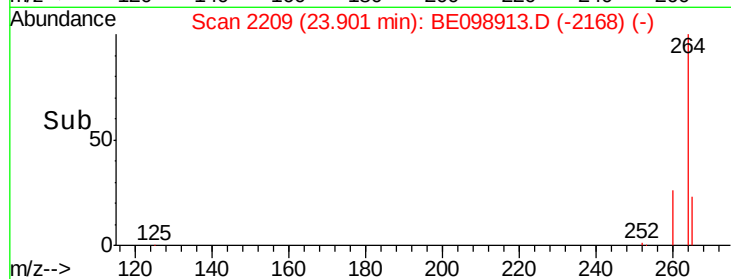
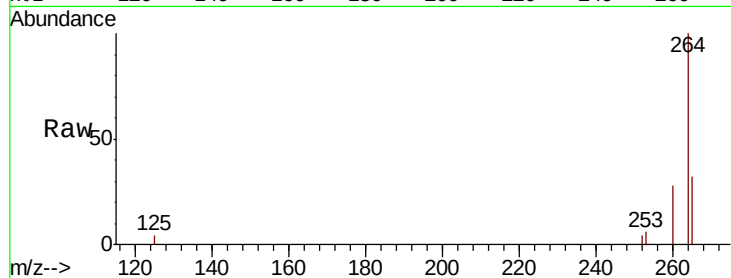
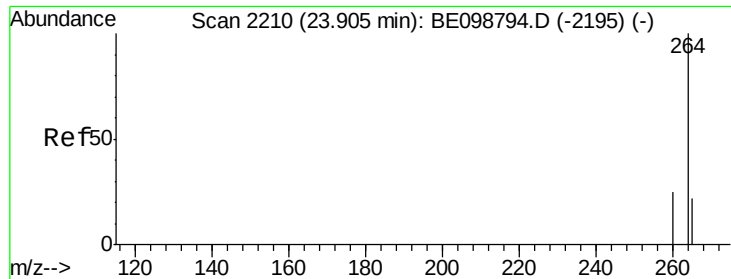
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#29
Terphenyl-d14
Concen: 0.095 ng
RT: 19.86 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BE098913.D
Acq: 13 Mar 2019 15:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	59.1	29.4	44.2#
122	13.9	7.1	10.7#





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BE098913.D
 Acq: 13 Mar 2019 15:55

Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-20190308DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.2	31.8
265	31.6	24.6	36.8

Manual Integrations
 APPROVED

Sohil
 3/14/2019 11:09:18 AM

