

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031219\
 Data File : BE098896.D
 Acq On : 12 Mar 2019 13:56
 Operator : JU/SJ
 Sample : K1841-01DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20190308DL

Manual Integrations
 APPROVED

Sohil
 3/13/2019 5:51:39 PM

Quant Time: Mar 13 07:56:03 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	7.80	152	531	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	2739	0.40	ng	0.02
13) Acenaphthene-d10	14.47	164	2218	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	5563	0.40	ng	0.01
27) Chrysene-d12	21.40	240	6297	0.40	ng	0.00
34) Perylene-d12	23.90	264	6097	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	19	0.01	ng	0.05
5) Phenol-d6	6.95	99	3	0.00	ng	-0.03
8) Nitrobenzene-d5	9.09	82	50m	0.02	ng	0.13
11) 2-Methylnaphthalene-d10	12.25	152	305	0.06	ng	0.06
14) 2,4,6-Tribromophenol	16.00	330	35	0.03	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	578	0.06	ng	0.03
25) Fluoranthene-d10	19.27	212	5430	0.06	ng	0.02
29) Terphenyl-d14	19.86	244	1365	0.09	ng	0.01
Target Compounds						
2) 1,4-Dioxane	3.29	88	1632	1.892	ng	Qvalue 93

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

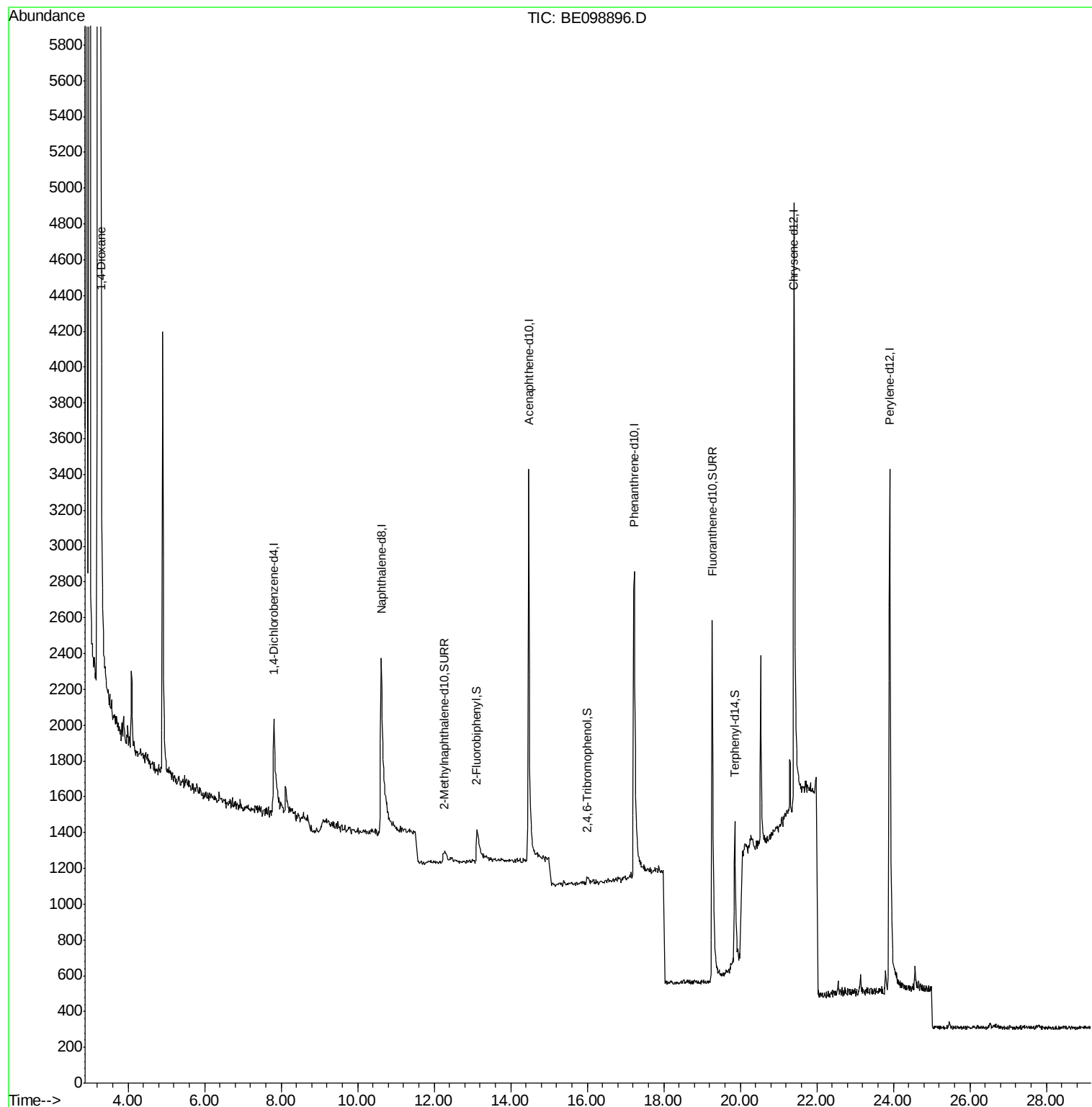
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031219\
Data File : BE098896.D
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#1

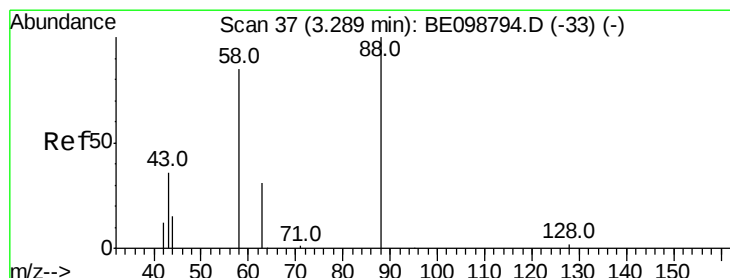
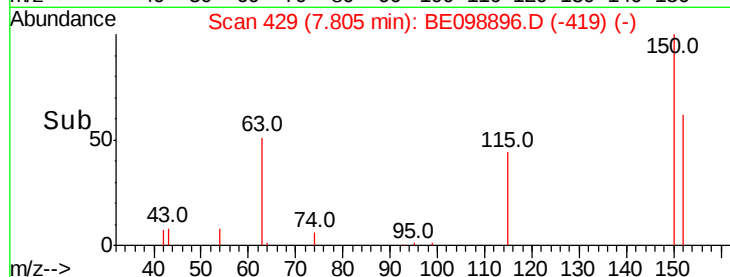
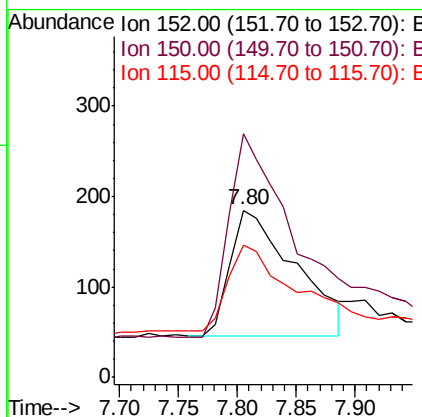
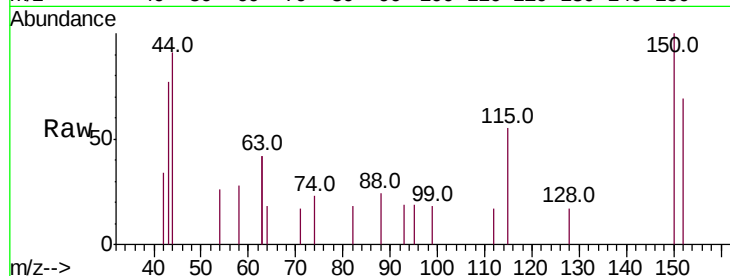
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098896.D
Acq: 12 Mar 2019 13:56

Instrument :
BNA_E
ClientSampleId :
RE122D2-20190308DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.4	122.5	183.7
115	79.5	57.4	86.2

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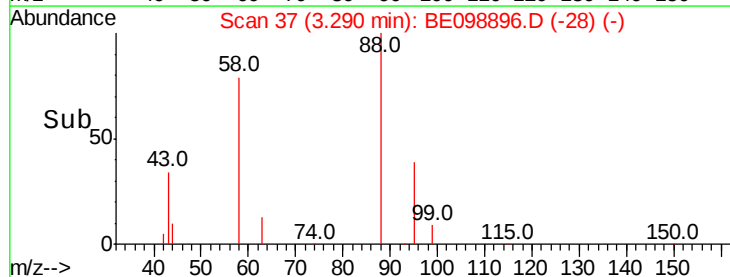
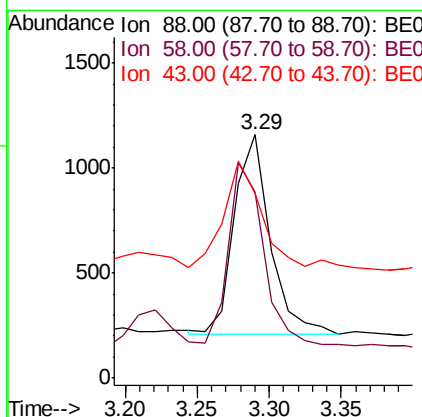
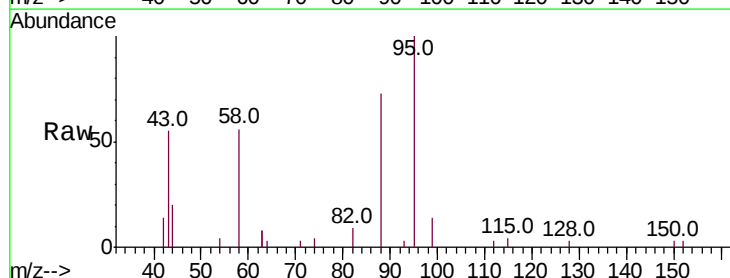
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#2

1,4-Dioxane
Concen: 1.892 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098896.D
Acq: 12 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.4	75.8	113.6
43	57.6	41.8	62.8





#4

2-Fluorophenol

Concen: 0.012 ng

RT: 5.43 min Scan# 223

Delta R.T. 0.05 min

Lab File: BE098896.D

Acq: 12 Mar 2019 13:56

Instrument :

BNA_E

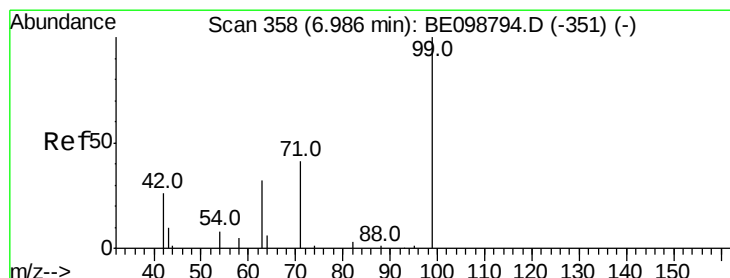
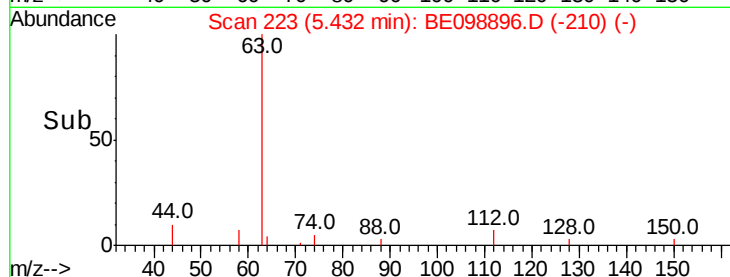
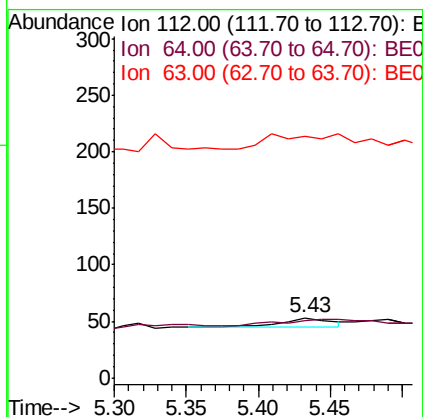
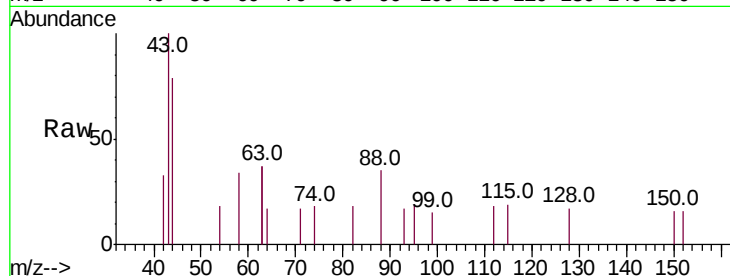
ClientSampleId :

RE122D2-20190308DL

Tot Ion:	112	Resp:	19
Ion Ratio	Lower	Upper	
112	100		
64	136.8	57.9	86.9#
63	0.0	158.3	237.5#

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#5

Phenol-d6

Concen: 0.001 ng

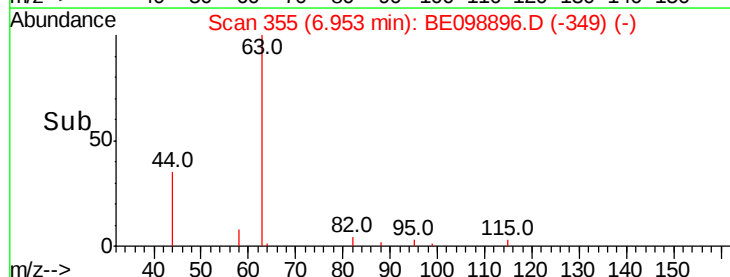
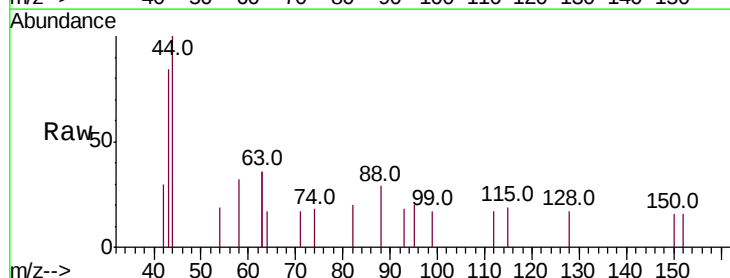
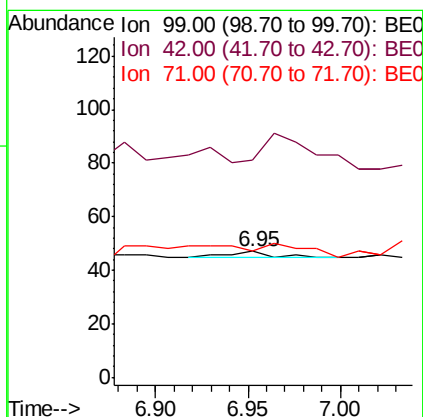
RT: 6.95 min Scan# 355

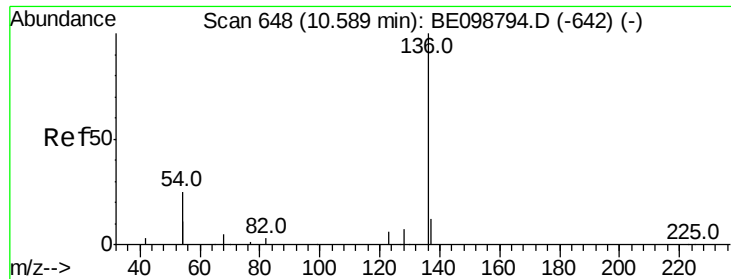
Delta R.T. -0.03 min

Lab File: BE098896.D

Acq: 12 Mar 2019 13:56

Tgt Ion:	99	Resp:	3
Ion Ratio	Lower	Upper	
99	100		
42	833.3	24.2	36.2#
71	266.7	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: BE098896.D

Acq: 12 Mar 2019 13:56

Instrument :

BNA_E

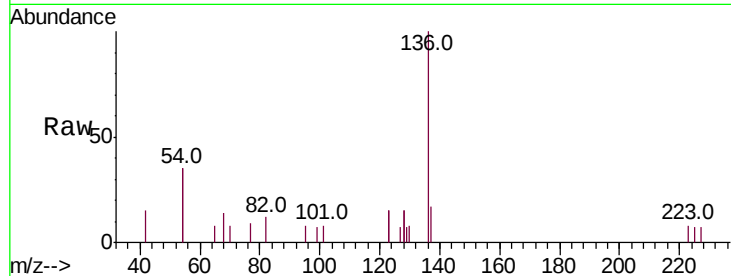
ClientSampleId :

RE122D2-20190308DL

Tot Ion	Ratio	Lower	Upper
136	100		
137	16.6	11.4	17.0
54	70.6	39.3	58.9#
68	13.6	6.7	10.1#

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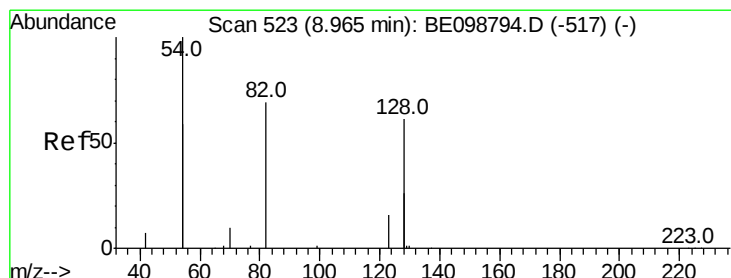
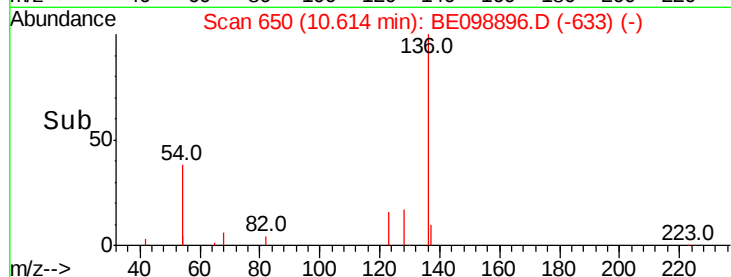
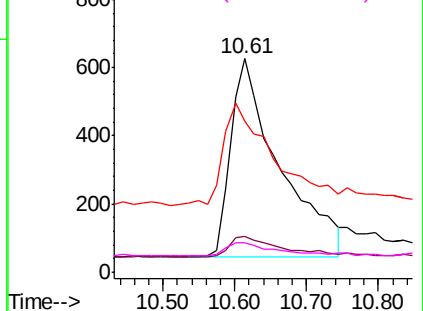


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.017 ng m

RT: 9.09 min Scan# 533

Delta R.T. 0.13 min

Lab File: BE098896.D

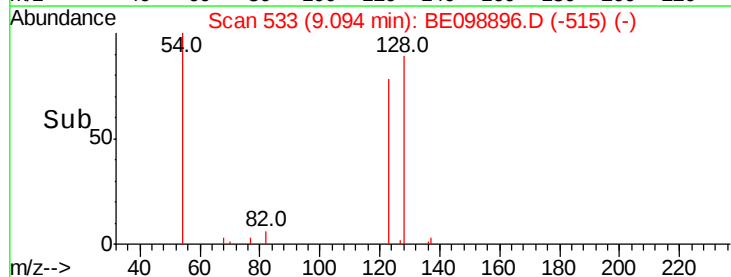
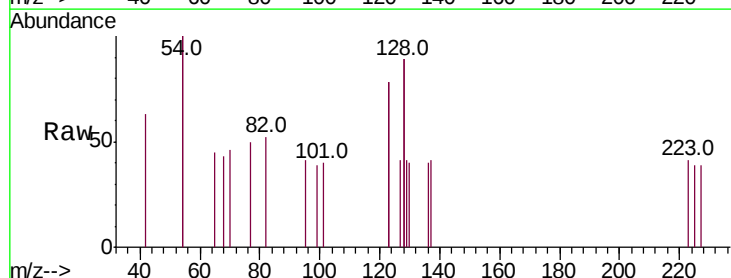
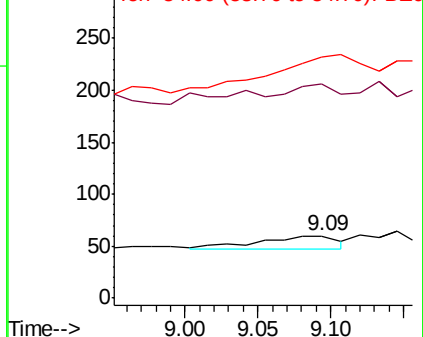
Acq: 12 Mar 2019 13:56

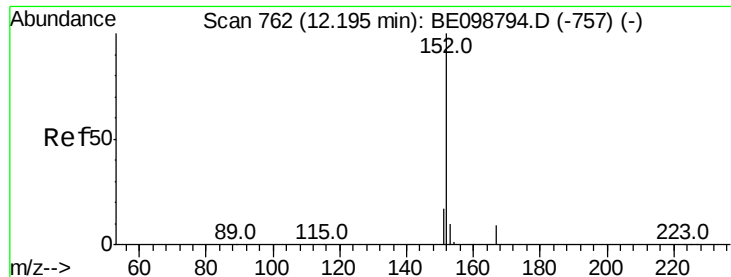
Tgt Ion	Ratio	Lower	Upper
82	100		
128	171.7	123.8	185.8
54	193.3	203.4	305.2#

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: 0.060 ng

RT: 12.25 min Scan# 766

Delta R.T. 0.06 min

Lab File: BE098896.D

Acq: 12 Mar 2019 13:56

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190308DL

Tot Ion:152 Resp: 305

Ion Ratio Lower Upper

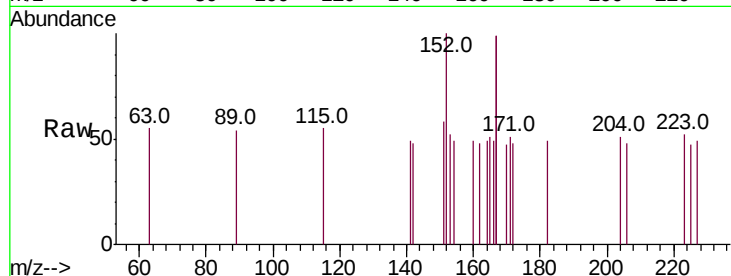
152 100

151 7.5 16.5 24.7#

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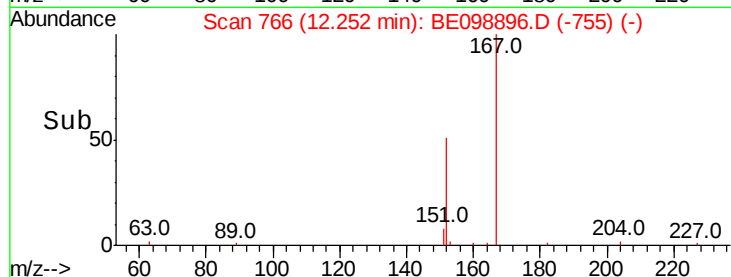


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

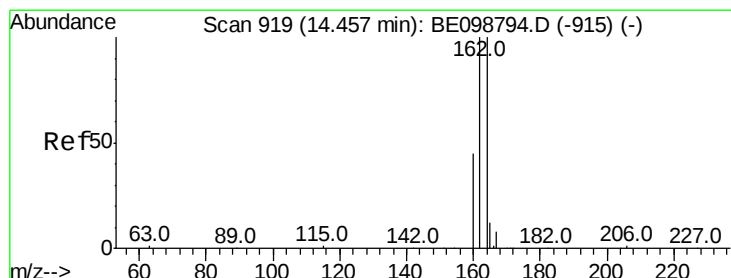
12.25

Time-->



Abundance

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.01 min

Lab File: BE098896.D

Acq: 12 Mar 2019 13:56

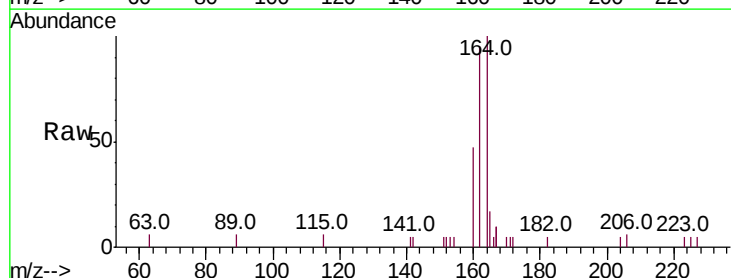
Tgt Ion:164 Resp: 2218

Ion Ratio Lower Upper

164 100

162 95.0 80.2 120.2

160 46.6 37.8 56.8



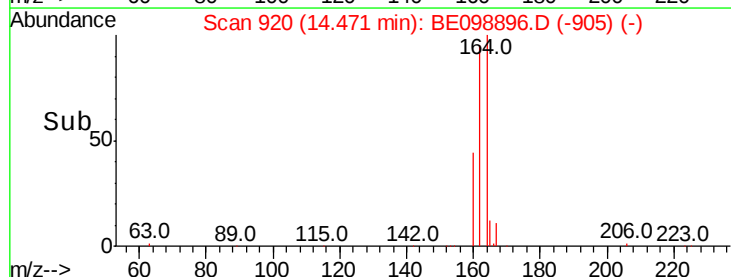
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

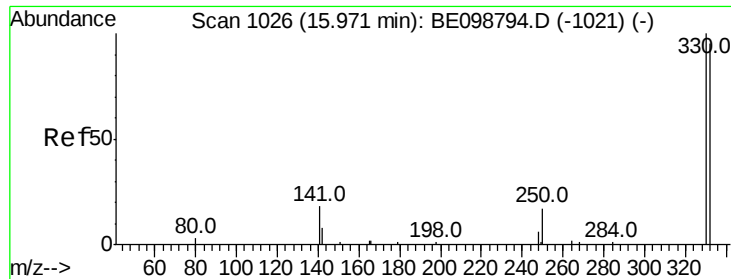
Ion 160.00 (159.70 to 160.70): E

14.47

Time-->



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.031 ng

RT: 16.00 min Scan# 1028

Delta R.T. 0.03 min

Lab File: BE098896.D

Acq: 12 Mar 2019 13:56

Instrument :

BNA_E

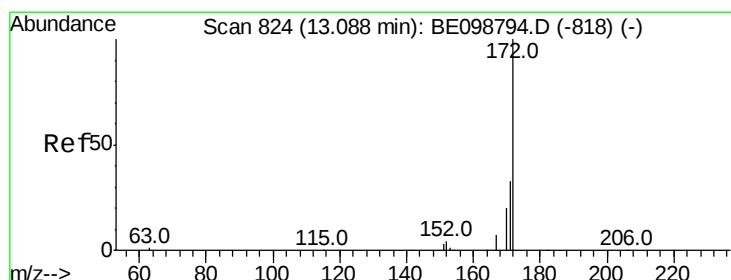
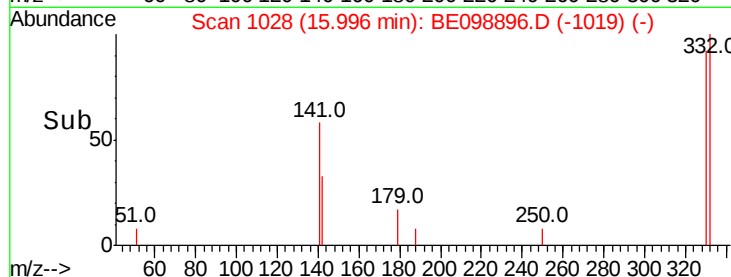
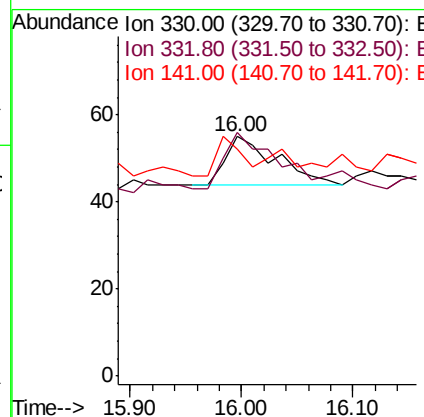
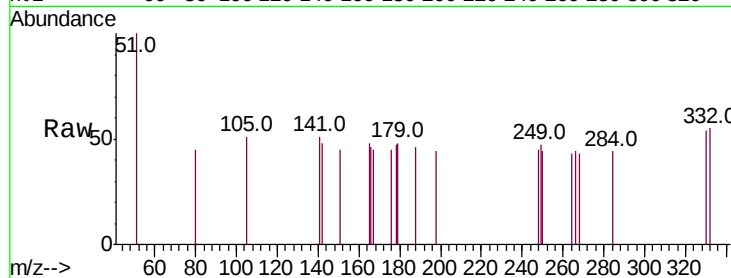
ClientSampleId :

RE122D2-20190308DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	140.0	77.6	116.4#
141	40.0	31.0	46.4

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#15

2-Fluorobiphenyl

Concen: 0.063 ng

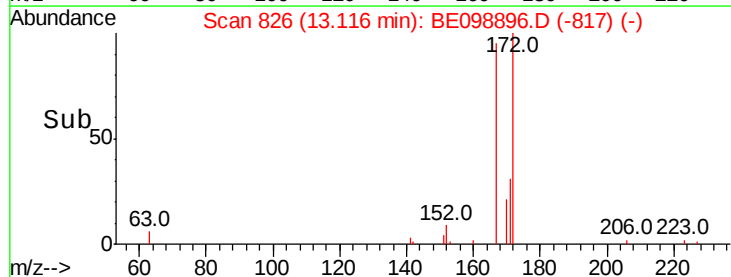
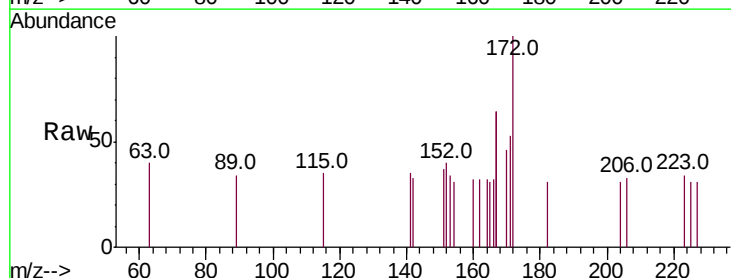
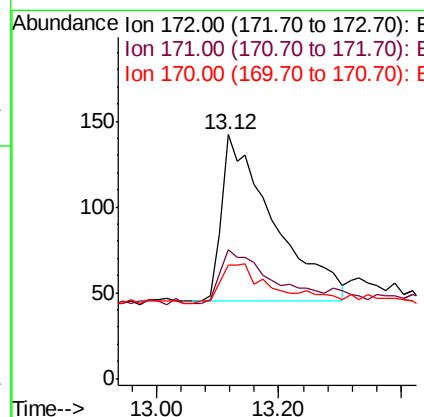
RT: 13.12 min Scan# 826

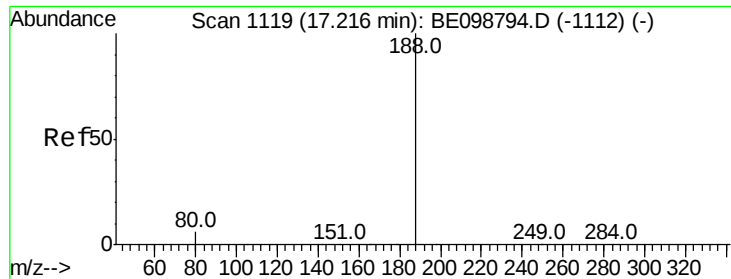
Delta R.T. 0.03 min

Lab File: BE098896.D

Acq: 12 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	52.8	28.0	42.0#
170	46.5	17.7	26.5#





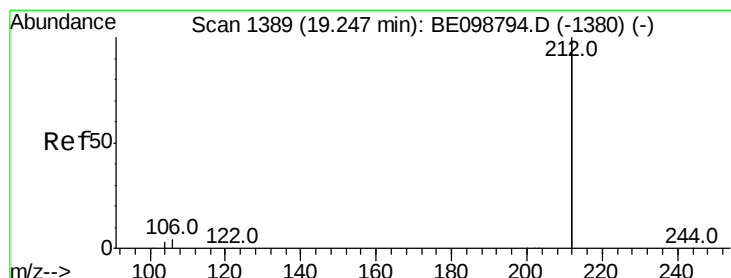
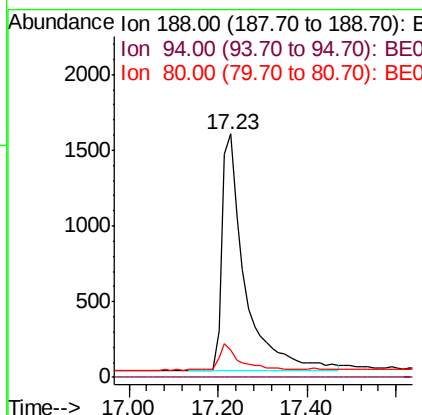
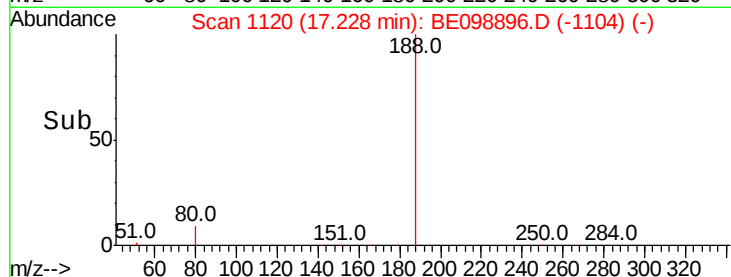
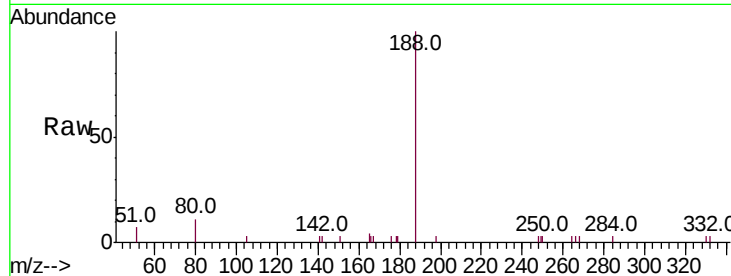
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE098896.D
Acq: 12 Mar 2019 13:56

Instrument :
BNA_E
ClientSampleId :
RE122D2-20190308DL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	6.3	9.5

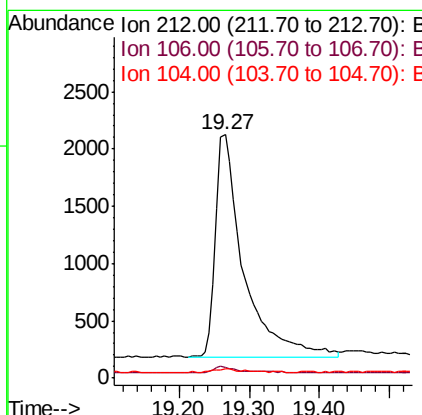
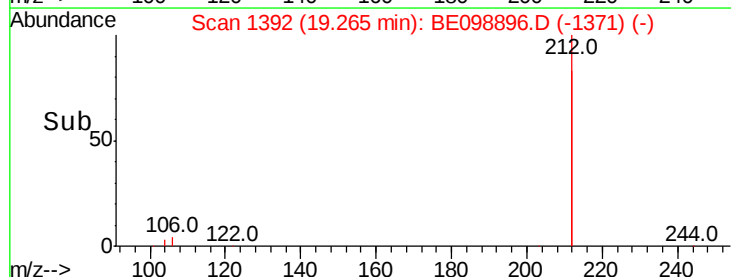
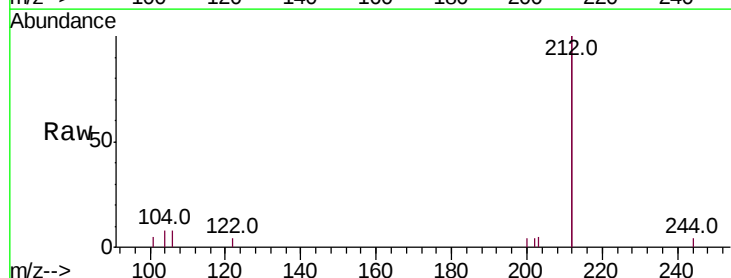
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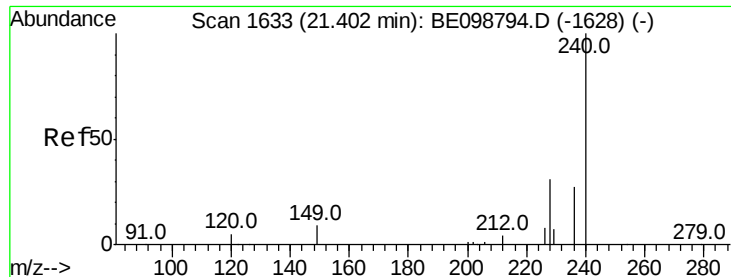
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#25
Fluoranthene-d10
Concen: 0.061 ng
RT: 19.27 min Scan# 1392
Delta R.T. 0.02 min
Lab File: BE098896.D
Acq: 12 Mar 2019 13:56

Tgt Ion	Ratio	Resp Lower	Upper
212	100		
106	2.7	1.8	2.8
104	1.4	1.0	1.6





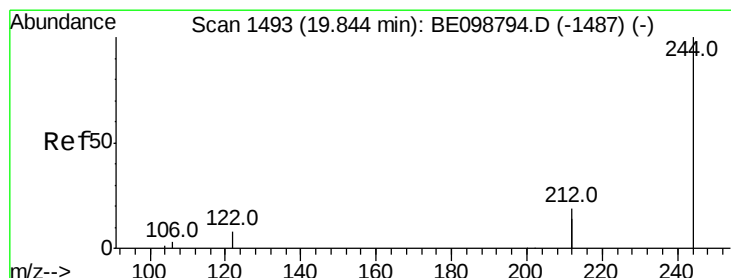
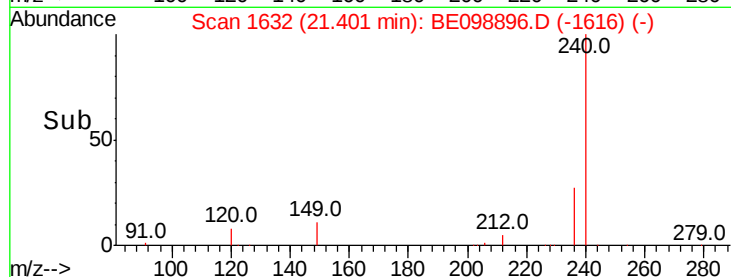
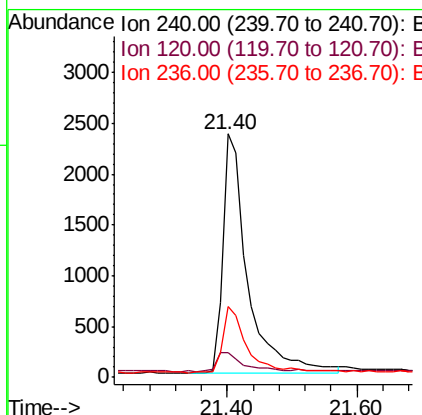
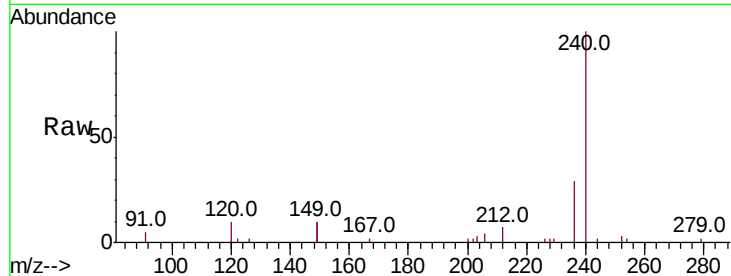
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BE098896.D
 Acq: 12 Mar 2019 13:56

Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20190308DL

Tot Ion:240 Resp: 6297
 Ion Ratio Lower Upper
 240 100
 120 10.4 5.0 7.4#
 236 28.9 22.7 34.1

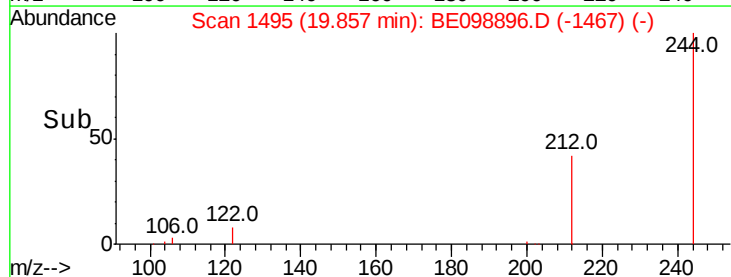
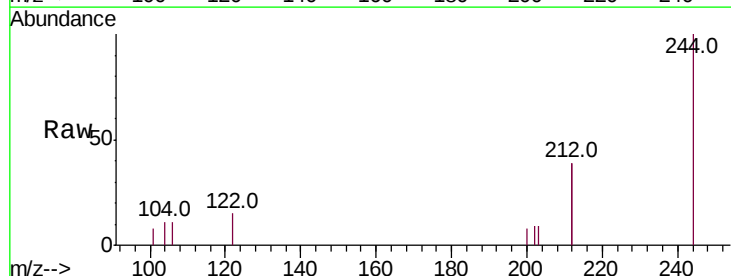
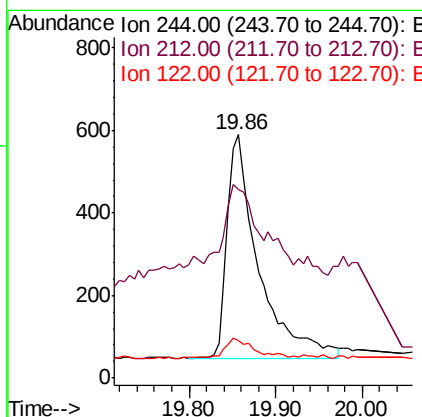
Manual Integrations
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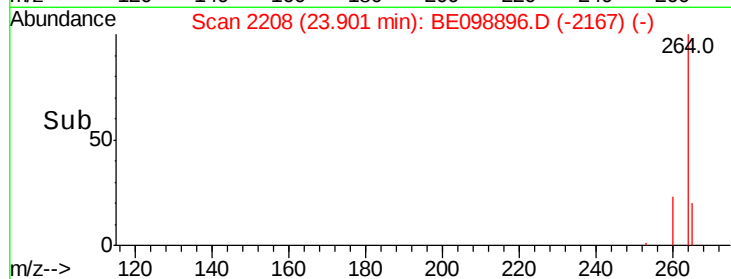
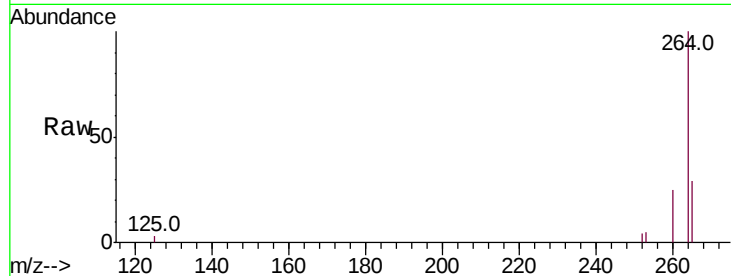
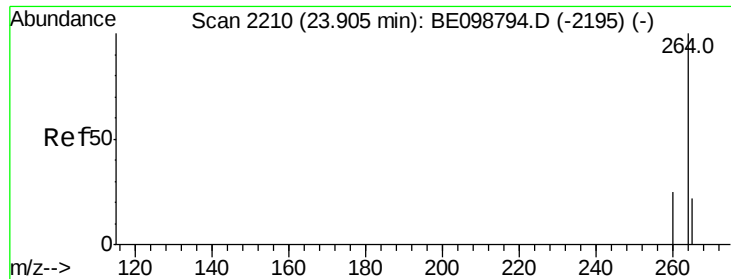
Sohil
 3/13/2019 5:51:39 PM



#29
 Terphenyl-d14
 Concen: 0.089 ng
 RT: 19.86 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BE098896.D
 Acq: 12 Mar 2019 13:56

Tgt Ion:244 Resp: 1365
 Ion Ratio Lower Upper
 244 100
 212 77.3 29.4 44.2#
 122 15.4 7.1 10.7#





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BE098896.D
 Acq: 12 Mar 2019 13:56

Tot Ion:	264	Resp:	6097
Ion Ratio	Lower	Upper	
264	100		
260	24.8	21.2	31.8
265	28.9	24.6	36.8

Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20190308DL

Manual Integrations
 APPROVED

Sohil
 3/13/2019 5:51:39 PM

