

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031219\
 Data File : BE098901.D
 Acq On : 12 Mar 2019 17:04
 Operator : JU/SJ
 Sample : K1839-05DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20190307DL

Manual Integrations
 APPROVED

Sohil
 3/13/2019 5:51:41 PM

Quant Time: Mar 13 08:03:10 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	629	0.40	ng	0.02
7) Naphthalene-d8	10.61	136	2933	0.40	ng	0.02
13) Acenaphthene-d10	14.47	164	2254	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	6059	0.40	ng	0.01
27) Chrysene-d12	21.40	240	6554	0.40	ng	0.00
34) Perylene-d12	23.90	264	6339	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	36	0.02	ng	0.05
5) Phenol-d6	6.99	99	2	0.00	ng	0.00
8) Nitrobenzene-d5	9.11	82	83m	0.03	ng	0.14
11) 2-Methylnaphthalene-d10	12.25	152	415	0.08	ng	0.06
14) 2,4,6-Tribromophenol	16.01	330	51	0.04	ng	0.04
15) 2-Fluorobiphenyl	13.12	172	657m	0.07	ng	0.03
25) Fluoranthene-d10	19.26	212	6123	0.06	ng	0.01
29) Terphenyl-d14	19.85	244	1417	0.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	1449	1.392	ng	Qvalue 88

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

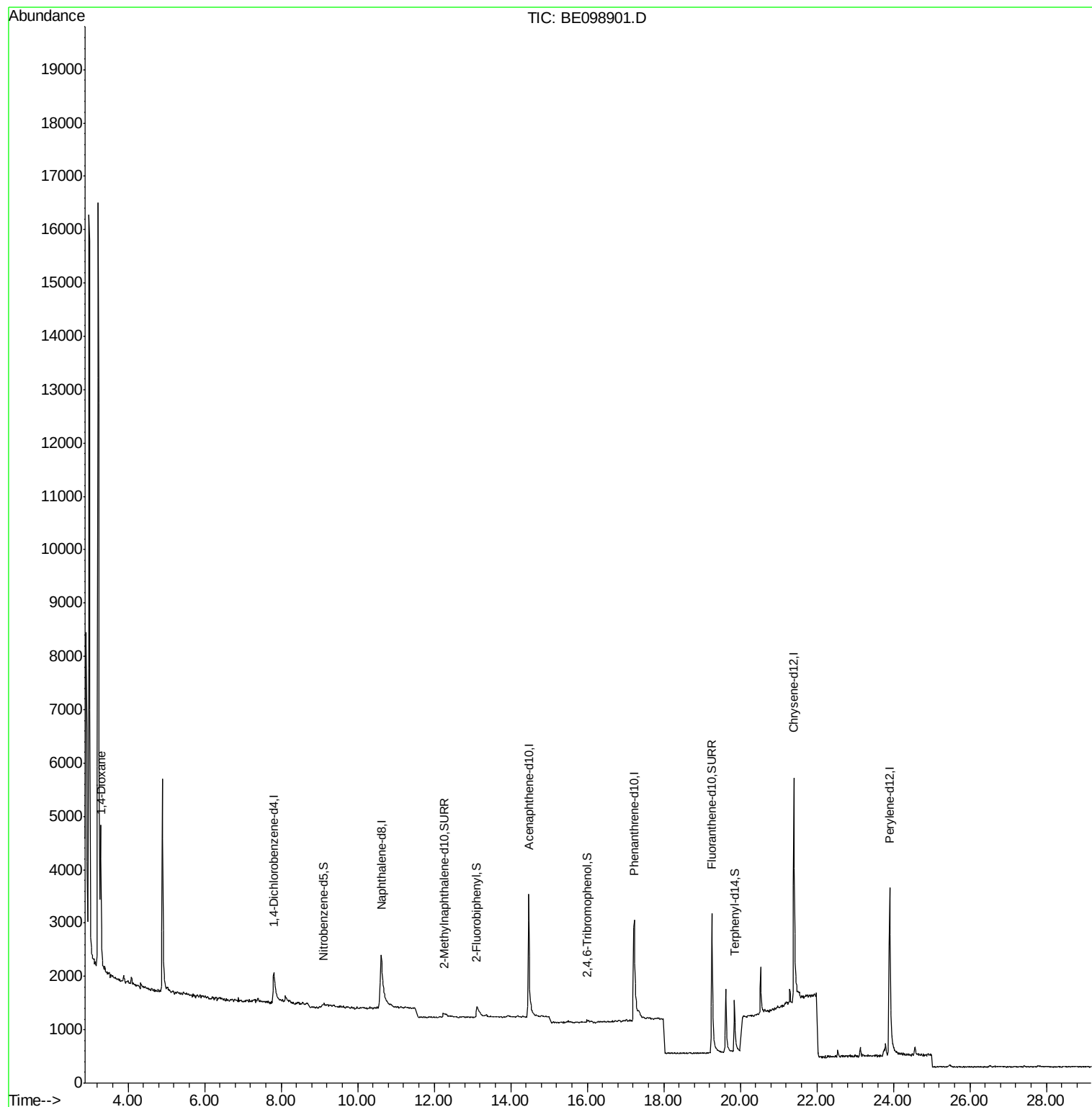
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031219\
Data File : BE098901.D
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Sample : K1839-05DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

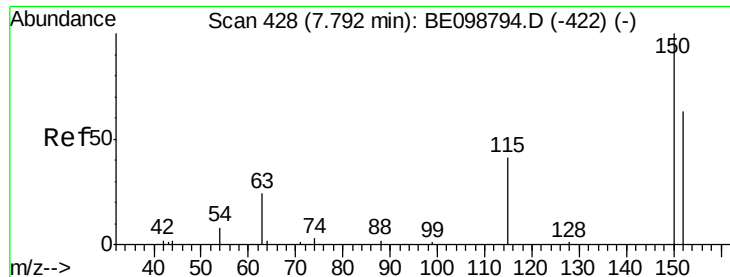
Instrument :
BNA_E
ClientSampleId :
TT101D1-20190307DL

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

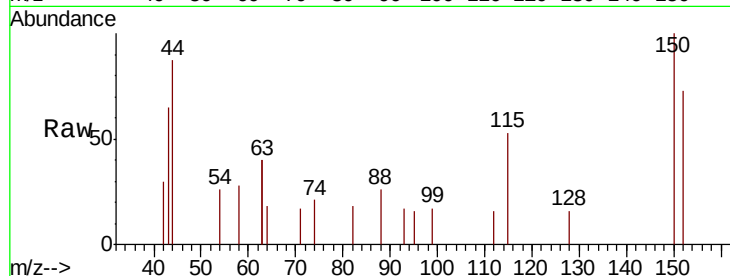
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.02 min
Lab File: BE098901.D
Acq: 12 Mar 2019 17:04

Instrument :
BNA_E
ClientSampleId :
TT101D1-20190307DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	137.3	122.5	183.7
115	72.7	57.4	86.2

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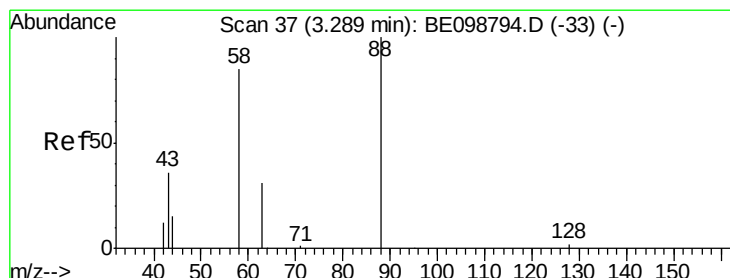
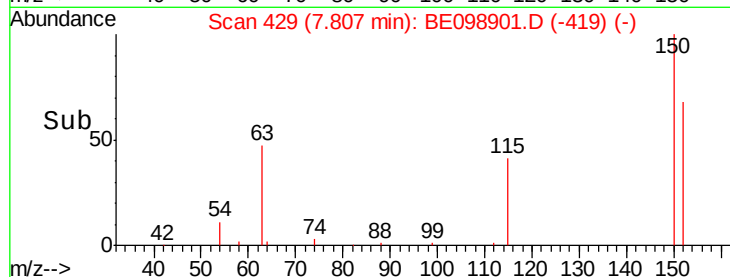
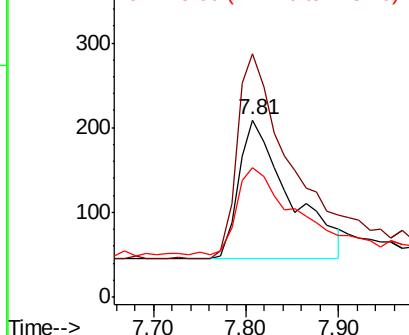


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

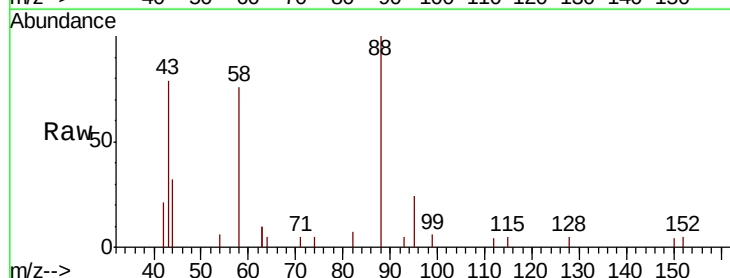
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 1.392 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098901.D
Acq: 12 Mar 2019 17:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	105.1	75.8	113.6
43	62.3	41.8	62.8

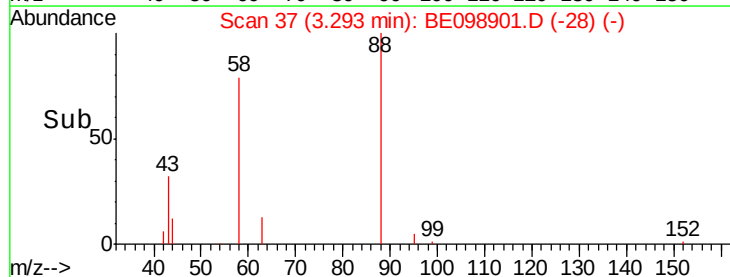
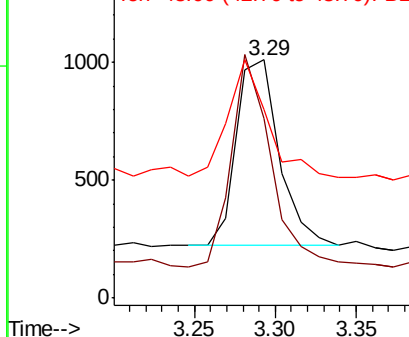


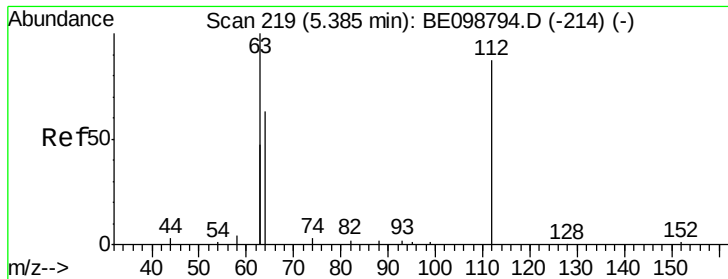
Abundance

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: 0.019 ng

RT: 5.43 min Scan# 223

Delta R.T. 0.05 min

Lab File: BE098901.D

Acq: 12 Mar 2019 17:04

Instrument :

BNA_E

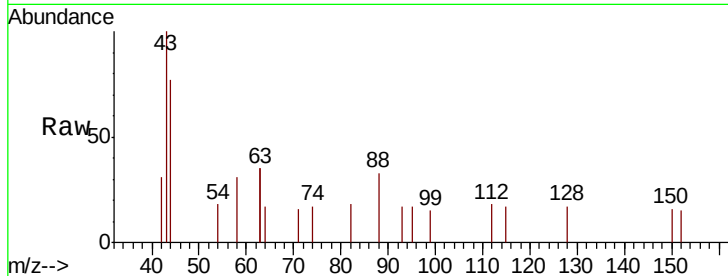
ClientSampleId :

TT101D1-20190307DL

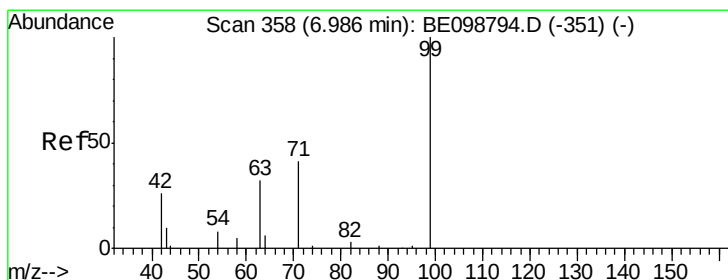
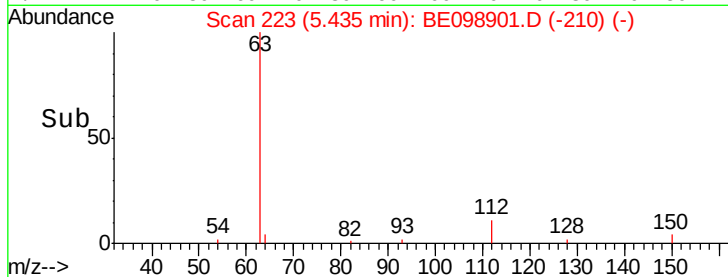
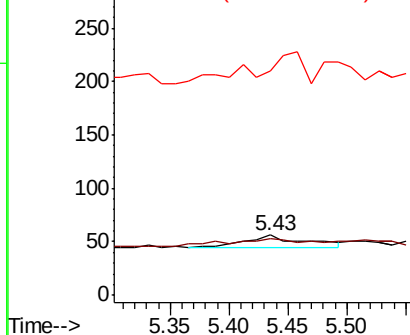
Tot Ion:	112	Resp:	36
Ion Ratio	Lower	Upper	
112	100		
64	83.3	57.9	86.9
63	0.0	158.3	237.5#

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Abundance Ion 112.00 (111.70 to 112.70): BE0
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.001 ng

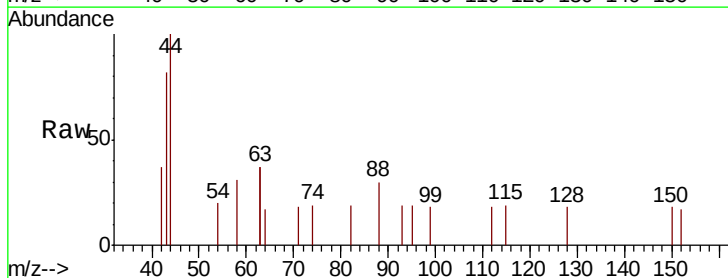
RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

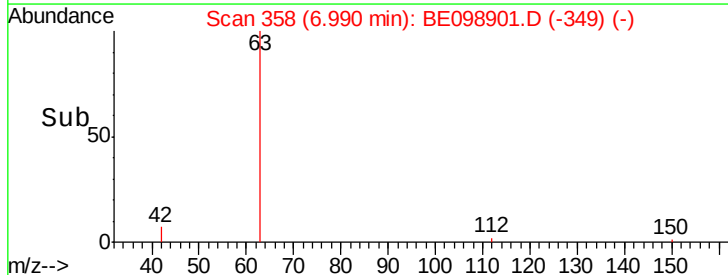
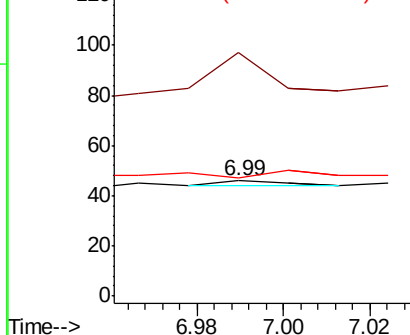
Lab File: BE098901.D

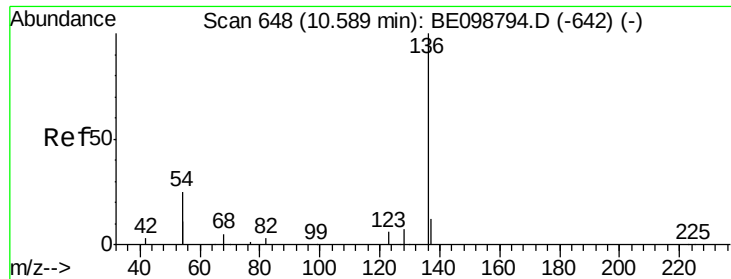
Acq: 12 Mar 2019 17:04

Tgt Ion:	99	Resp:	2
Ion Ratio	Lower	Upper	
99	100		
42	1350.0	24.2	36.2#
71	150.0	35.7	53.5#



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: 10.61 min Scan# 650

Delta R.T. 0.02 min

Lab File: BE098901.D

Acq: 12 Mar 2019 17:04

Instrument :

BNA_E

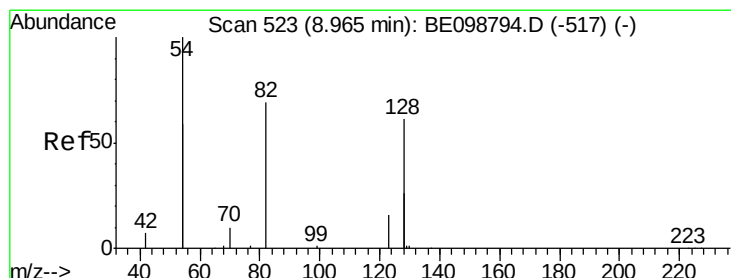
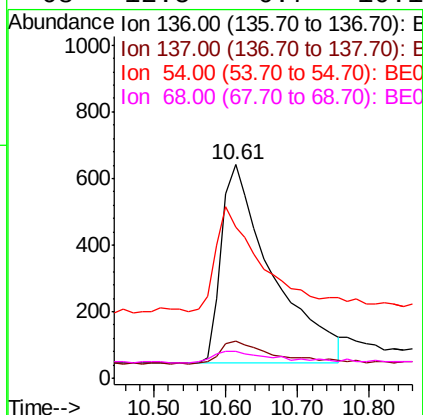
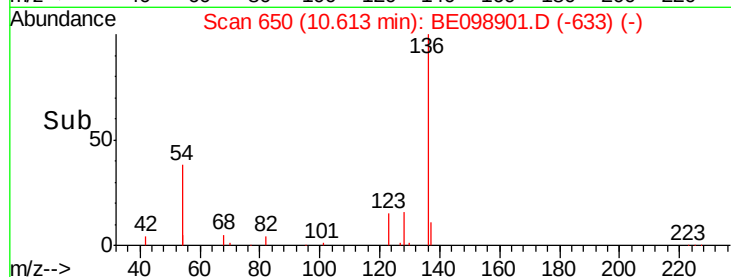
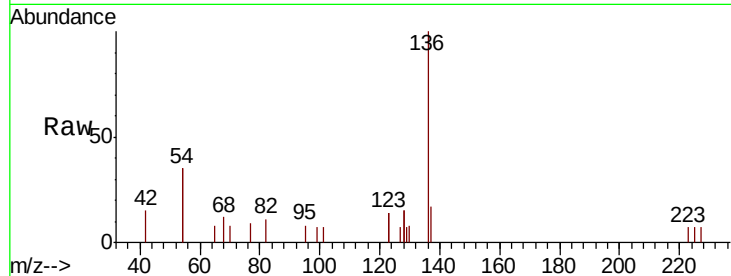
ClientSampleId :

TT101D1-20190307DL

Tot Ion	Ratio	Lower	Upper
136	100		
137	17.2	11.4	17.0#
54	70.8	39.3	58.9#
68	12.5	6.7	10.1#

Manual Integrations
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#8

Nitrobenzene-d5

Concen: 0.027 ng m

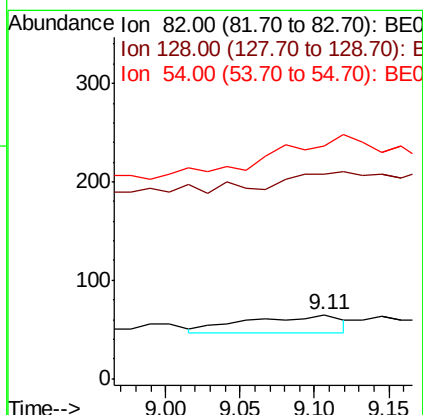
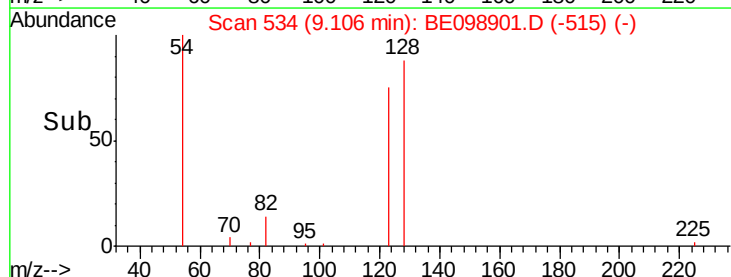
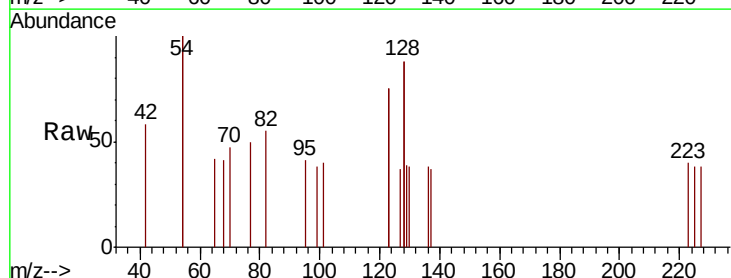
RT: 9.11 min Scan# 534

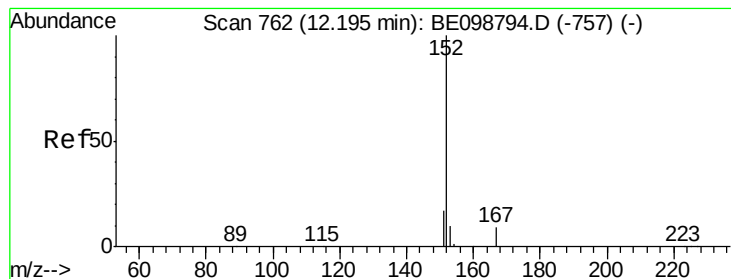
Delta R.T. 0.14 min

Lab File: BE098901.D

Acq: 12 Mar 2019 17:04

Tgt Ion	Ratio	Lower	Upper
82	100		
128	160.0	123.8	185.8
54	181.5	203.4	305.2#





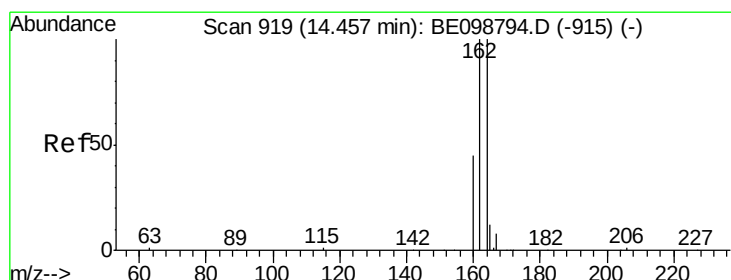
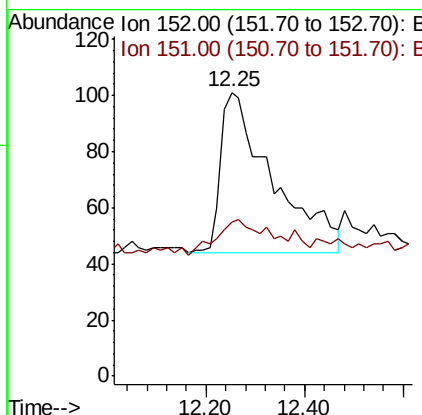
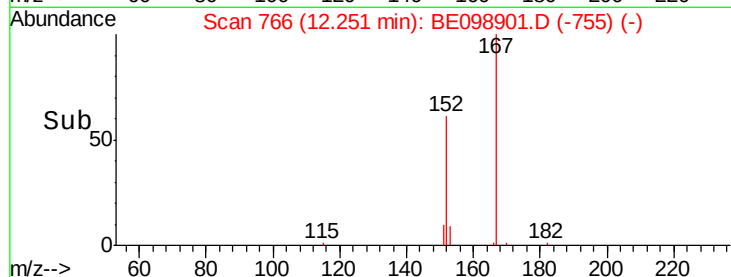
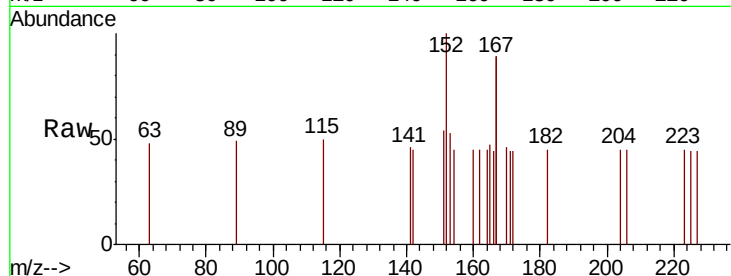
#11
2-Methylnaphthalene-d10
Concen: 0.077 ng
RT: 12.25 min Scan# 766
Delta R.T. 0.06 min
Lab File: BE098901.D
Acq: 12 Mar 2019 17:04

Instrument :
BNA_E
ClientSampleId :
TT101D1-20190307DL

Tot Ion:152 Resp: 415
Ion Ratio Lower Upper
152 100
151 22.2 16.5 24.7

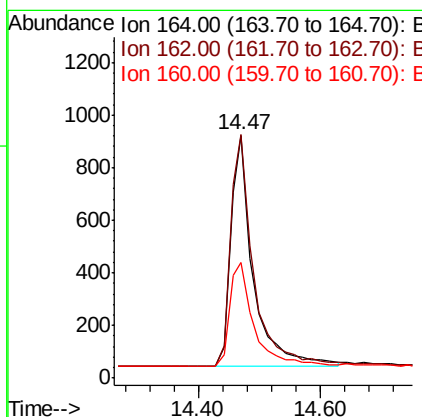
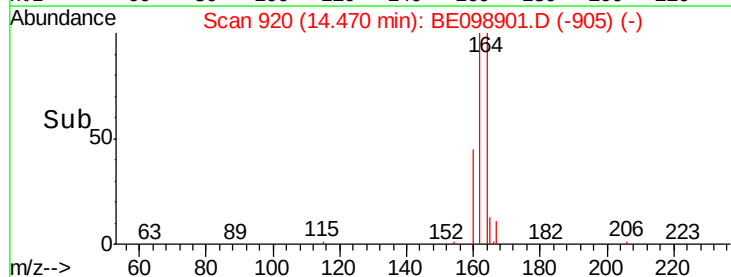
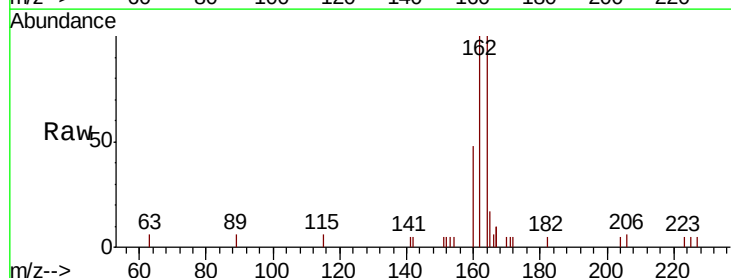
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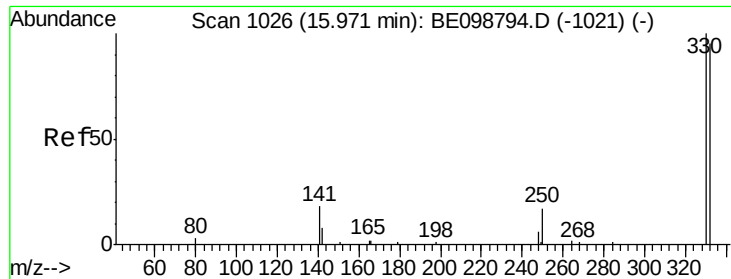
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE098901.D
Acq: 12 Mar 2019 17:04

Tgt Ion:164 Resp: 2254
Ion Ratio Lower Upper
164 100
162 100.3 80.2 120.2
160 47.7 37.8 56.8





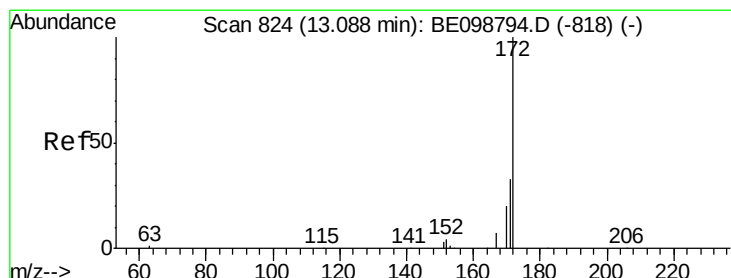
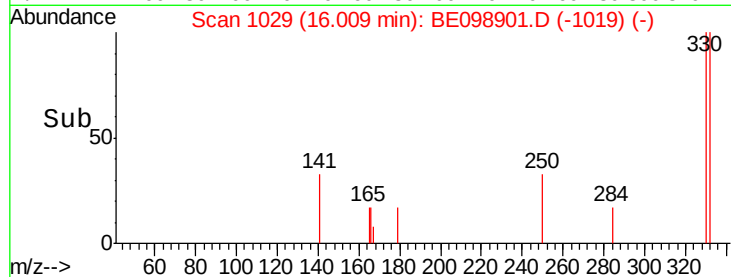
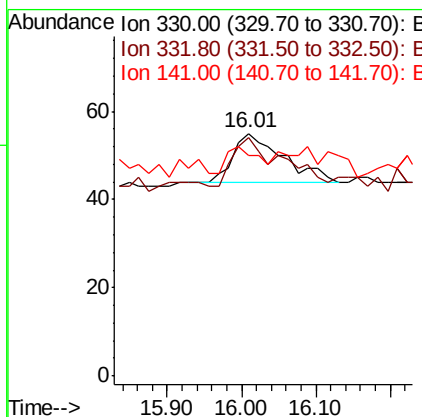
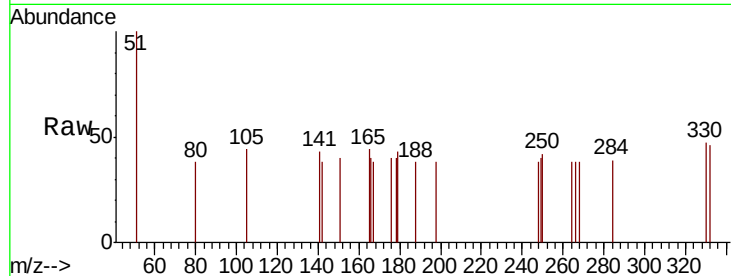
#14
 2,4,6-Tribromophenol
 Concen: 0.045 ng
 RT: 16.01 min Scan# 1029
 Delta R.T. 0.04 min
 Lab File: BE098901.D
 Acq: 12 Mar 2019 17:04

Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20190307DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.0	77.6	116.4
141	33.3	31.0	46.4

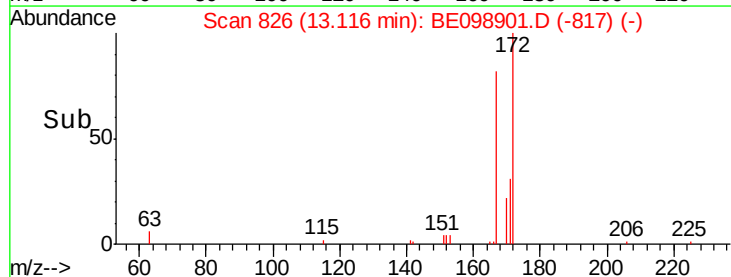
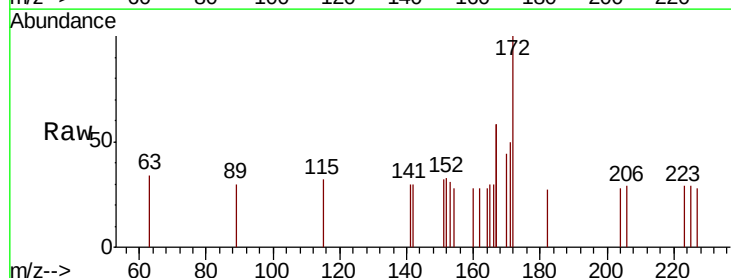
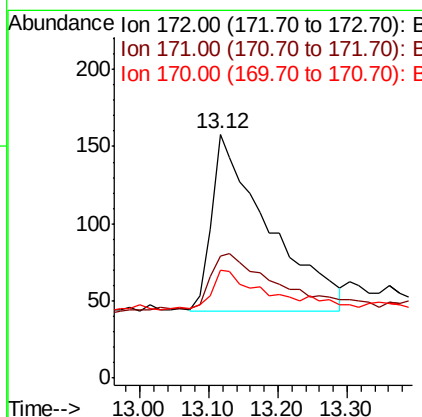
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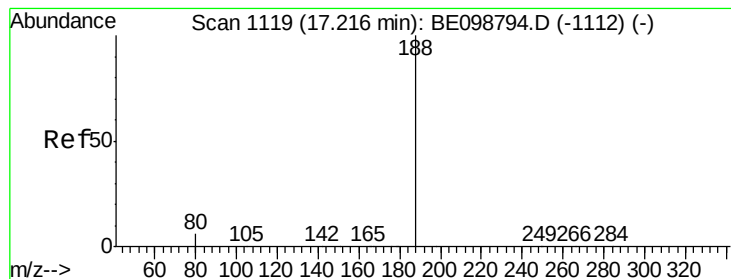
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#15
 2-Fluorobiphenyl
 Concen: 0.070 ng m
 RT: 13.12 min Scan# 826
 Delta R.T. 0.03 min
 Lab File: BE098901.D
 Acq: 12 Mar 2019 17:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	50.0	28.0	42.0#
170	44.3	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: BE098901.D

Acq: 12 Mar 2019 17:04

Instrument :

BNA_E

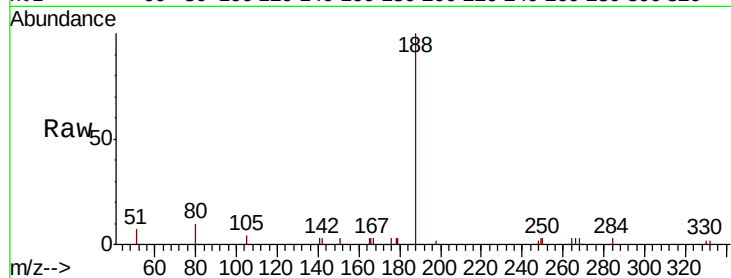
ClientSampleId :

TT101D1-20190307DL

Tot Ion:	188	Resp:	6059
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.0	6.3	9.5#

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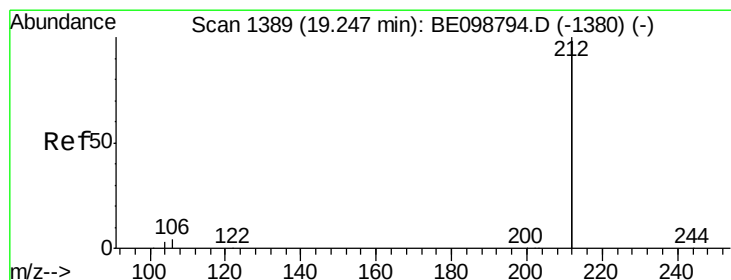
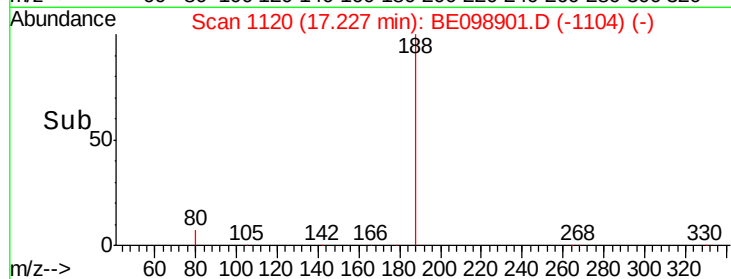
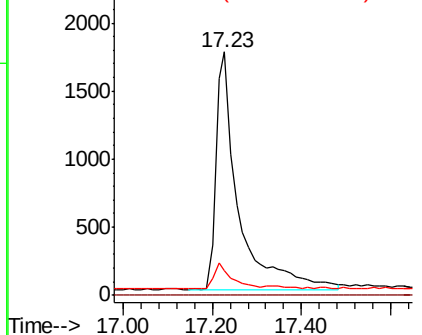
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#25

Fluoranthene-d10

Concen: 0.063 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BE098901.D

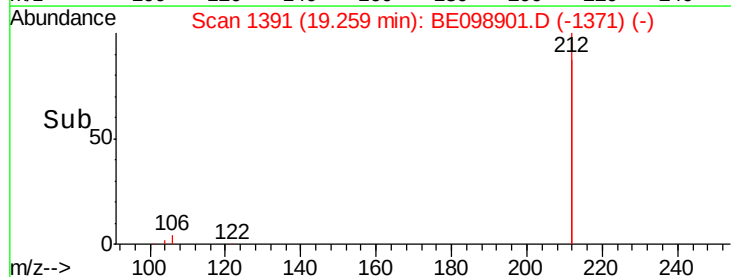
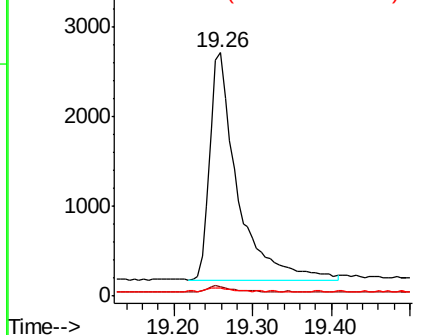
Acq: 12 Mar 2019 17:04

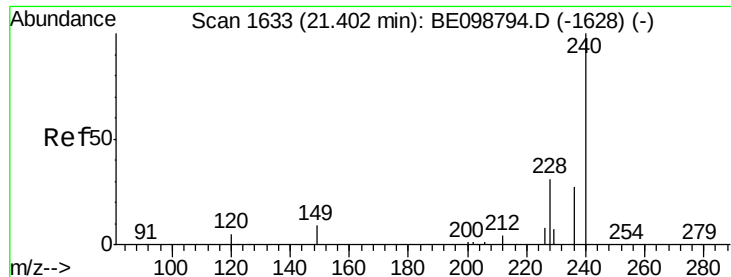
Tgt Ion:	212	Resp:	6123
Ion Ratio	Lower	Upper	
212	100		
106	2.3	1.8	2.8
104	1.3	1.0	1.6

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: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE098901.D

Acq: 12 Mar 2019 17:04

Instrument :

BNA_E

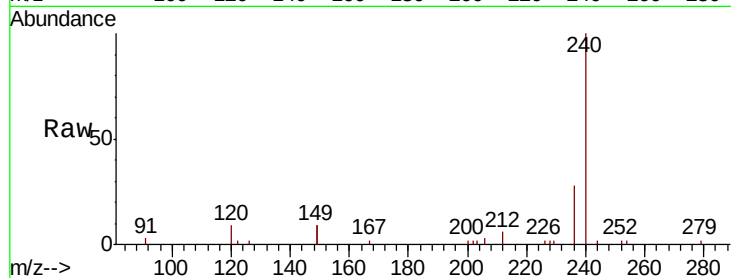
ClientSampleId :

TT101D1-20190307DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.4	5.0	7.4#
236	28.2	22.7	34.1

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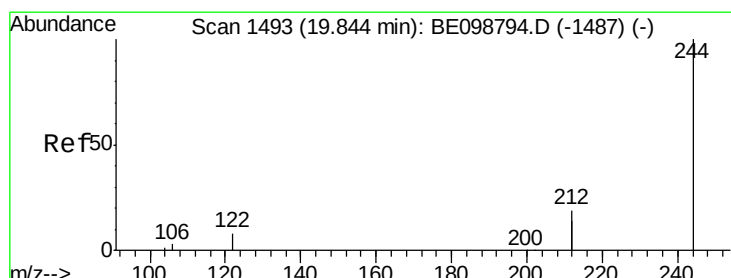
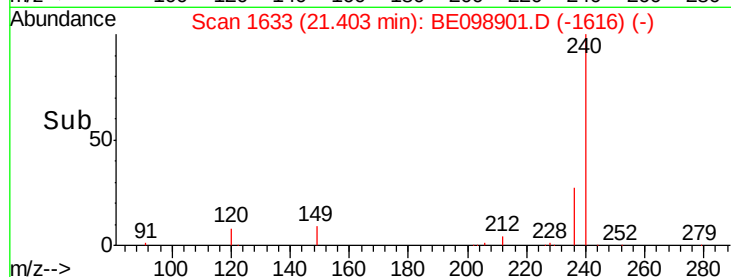
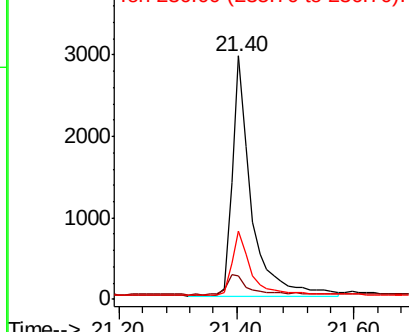


Abundance

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: 0.089 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BE098901.D

Acq: 12 Mar 2019 17:04

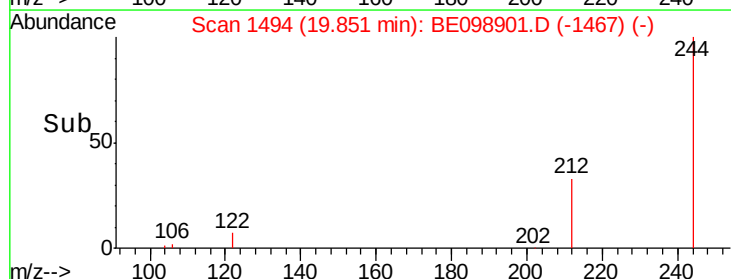
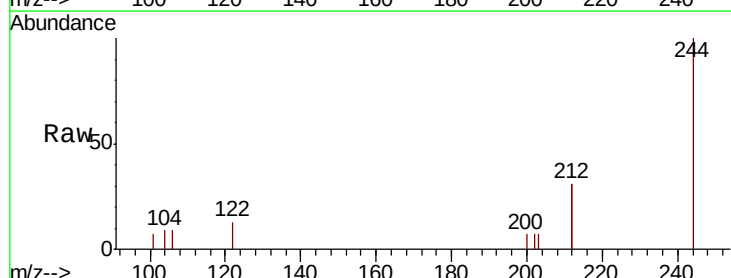
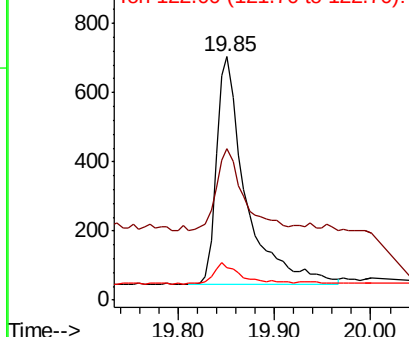
Tgt Ion	Ratio	Lower	Upper
244	100		
212	62.5	29.4	44.2#
122	13.2	7.1	10.7#

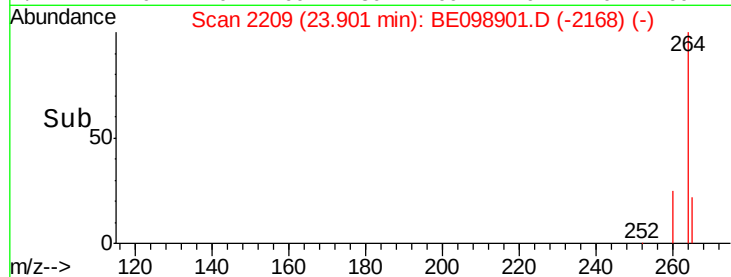
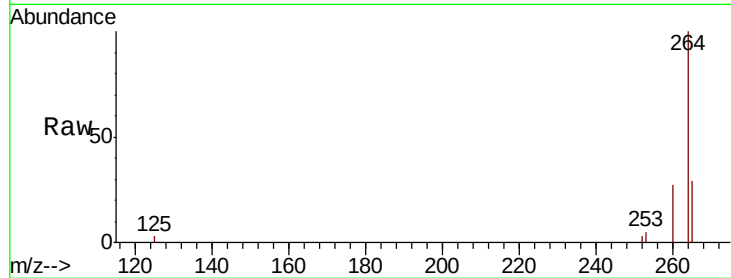
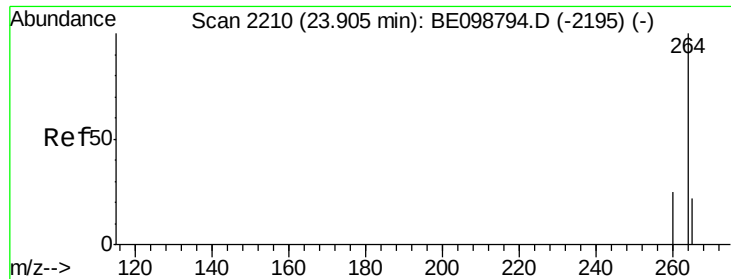
Abundance

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
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BE098901.D
 Acq: 12 Mar 2019 17:04

Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20190307DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.2	31.8
265	29.2	24.6	36.8

Manual Integrations
 APPROVED

Sohil
 3/13/2019 5:51:41 PM

