

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031819\
 Data File : BE099010.D
 Acq On : 18 Mar 2019 20:52
 Operator : JU/SJ
 Sample : K1937-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-MH-SW4001-SOUTH-20190314

Manual Integrations
 APPROVED

Sohil
 3/19/2019 5:25:52 PM

Quant Time: Mar 19 07:05:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	757	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3574	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2628	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6597	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7073	0.40	ng	0.00
34) Perylene-d12	23.90	264	6559	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	305	0.13	ng	0.02
5) Phenol-d6	7.07	99	211m	0.07	ng	0.08
8) Nitrobenzene-d5	9.00	82	1133	0.30	ng	0.04
11) 2-Methylnaphthalene-d10	12.19	152	2738	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	479	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	5261	0.48	ng	0.00
25) Fluoranthene-d10	19.24	212	38559	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	8942	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	486	0.313	ng	# 56
32) Bis(2-ethylhexyl)phthalate	21.29	149	1433	0.031	ng	# 98

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

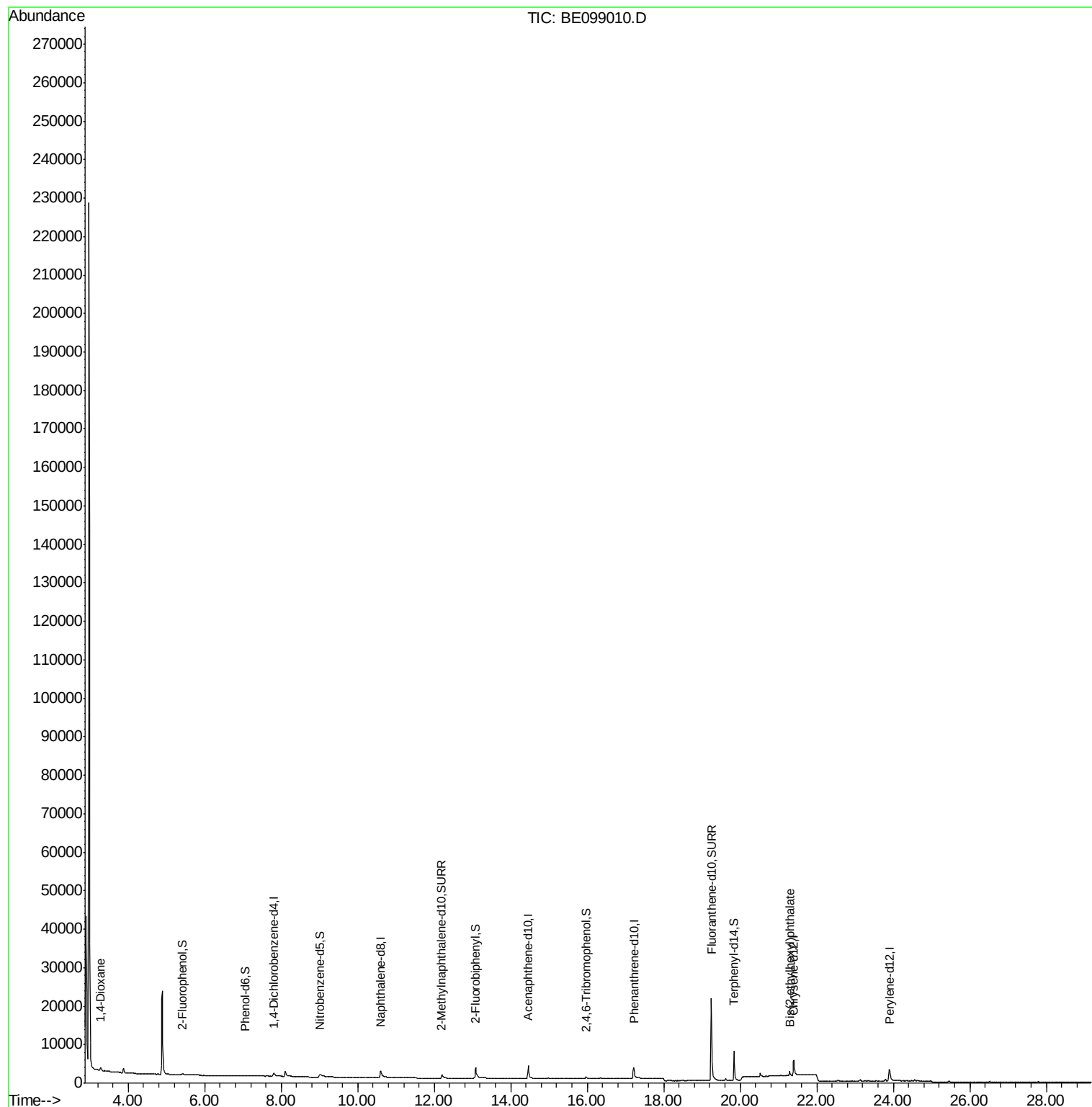
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031819\
Data File : BE099010.D
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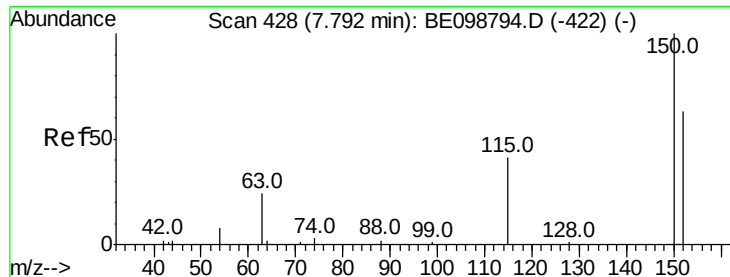
Instrument :
BNA_E
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BP-MH-SW4001-SOUTH-20190314

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

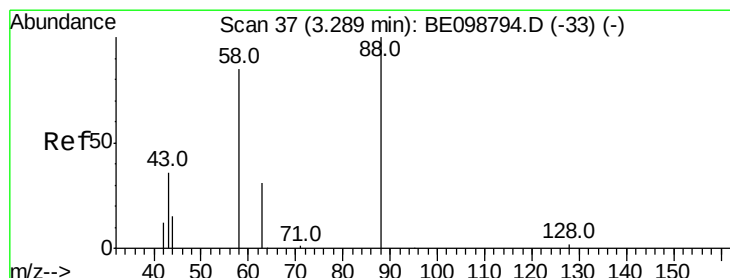
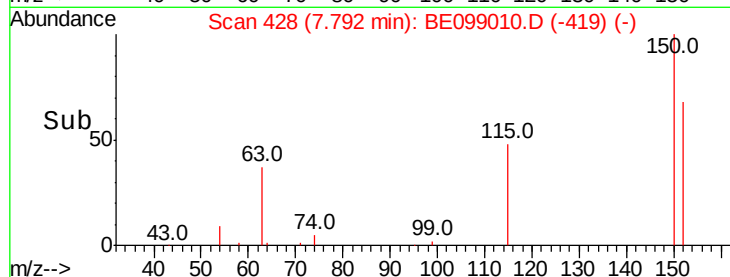
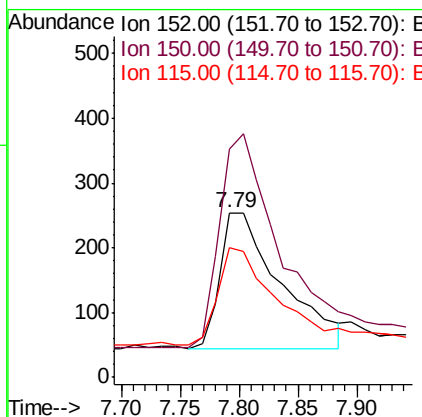
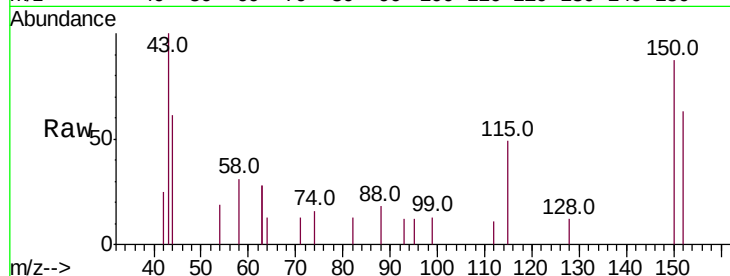
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099010.D
Acq: 18 Mar 2019 20:52

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190314

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.0	122.5	183.7
115	78.7	57.4	86.2

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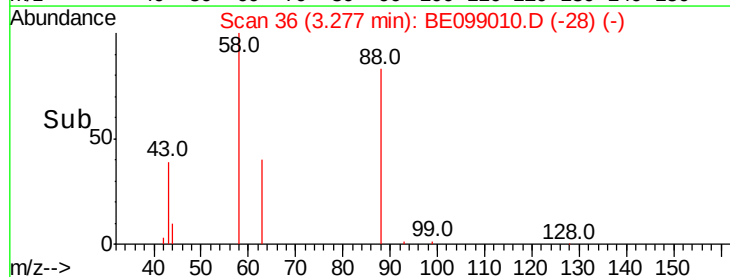
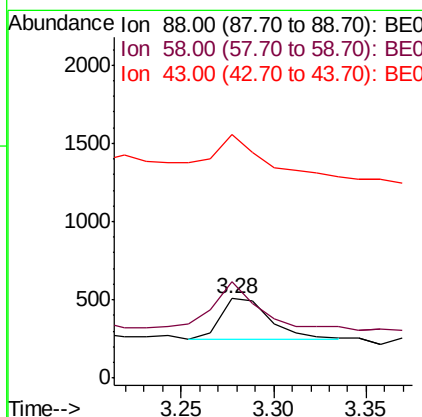
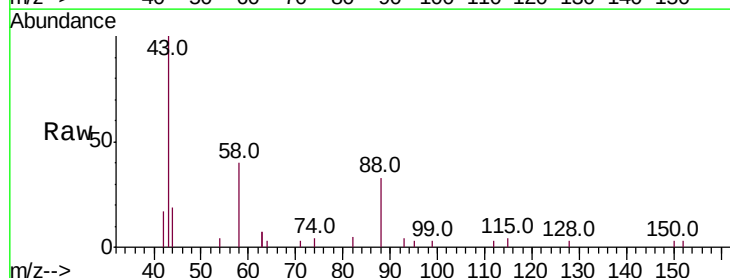
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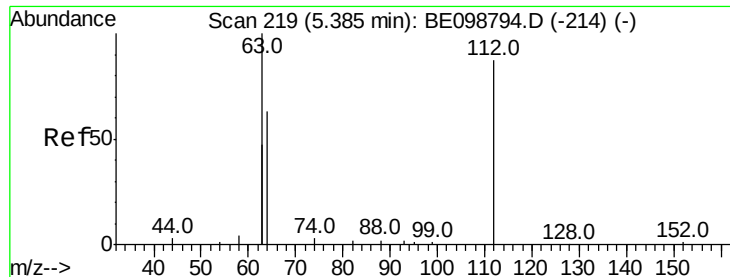


#2

1,4-Dioxane
Concen: 0.313 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099010.D
Acq: 18 Mar 2019 20:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	116.3	75.8	113.6#
43	110.3	41.8	62.8#





#4

2-Fluorophenol

Concen: 0.135 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

Instrument :

BNA_E

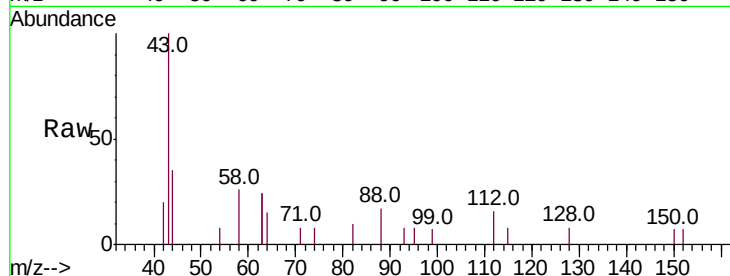
ClientSampleId :

BP-MH-SW4001-SOUTH-20190314

Tot Ion:	112	Resp:	305
Ion Ratio	Lower	Upper	
112	100		
64	117.7	57.9	86.9#
63	163.6	158.3	237.5

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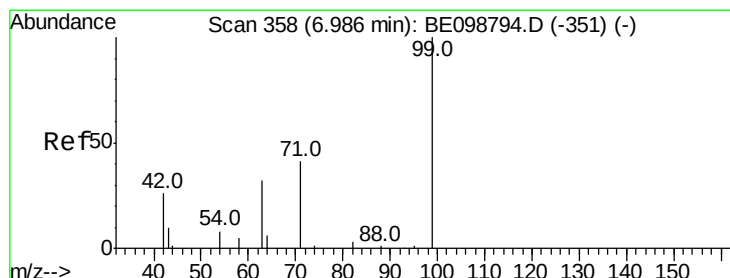
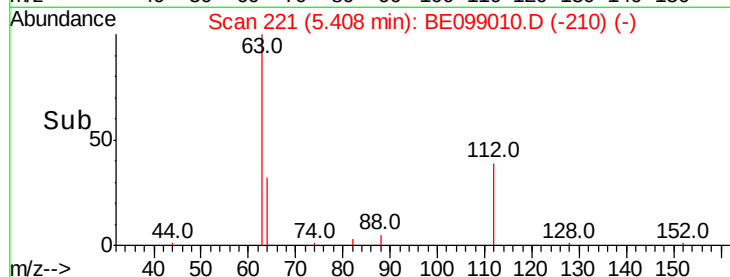
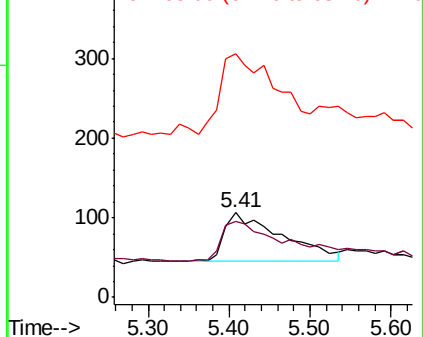
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.066 ng m

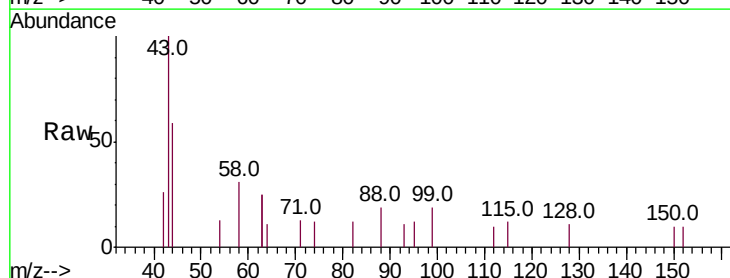
RT: 7.07 min Scan# 365

Delta R.T. 0.08 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

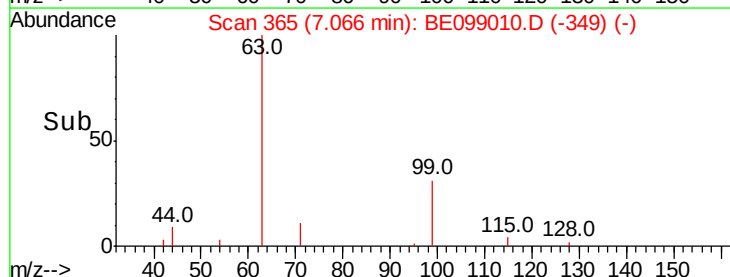
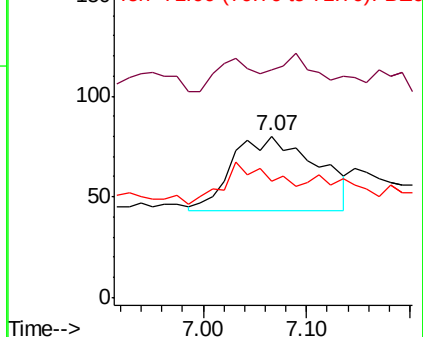
Tgt Ion:	99	Resp:	211
Ion Ratio	Lower	Upper	
99	100		
42	13.7	24.2	36.2#
71	0.0	35.7	53.5#

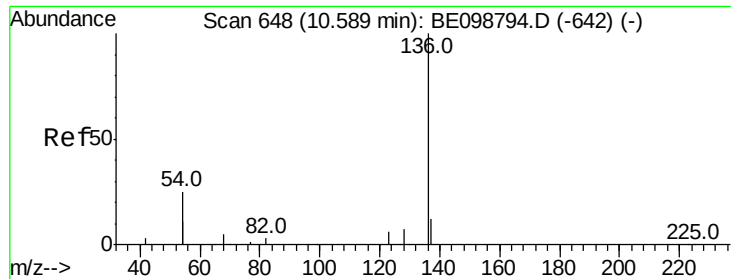


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

Instrument :

BNA_E

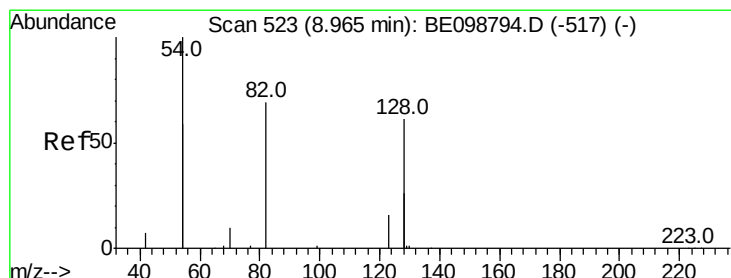
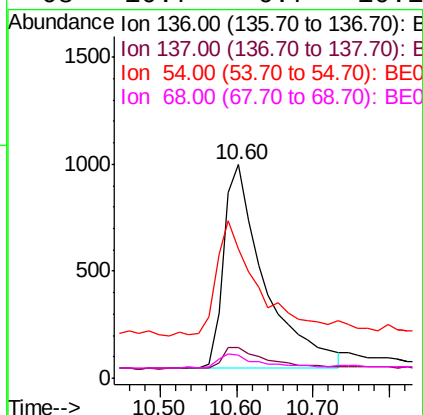
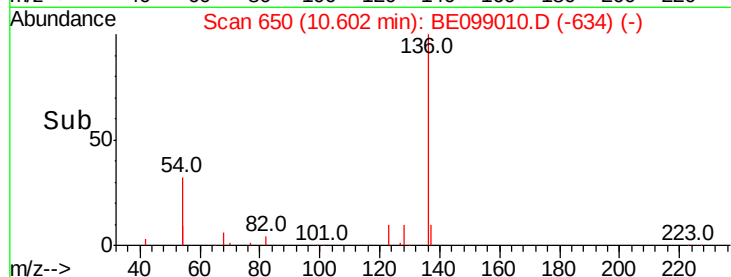
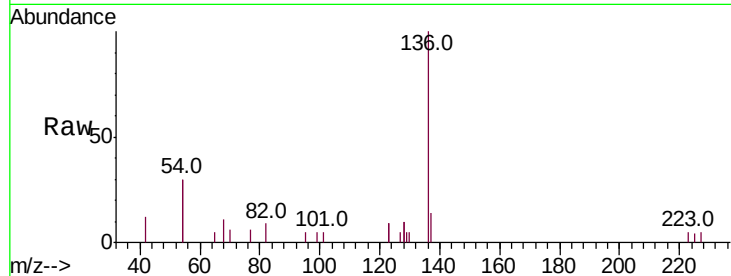
ClientSampleId :

BP-MH-SW4001-SOUTH-20190314

Tot Ion	Ratio	Lower	Upper
136	100		
137	14.4	11.4	17.0
54	60.3	39.3	58.9#
68	10.7	6.7	10.1#

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#8

Nitrobenzene-d5

Concen: 0.302 ng

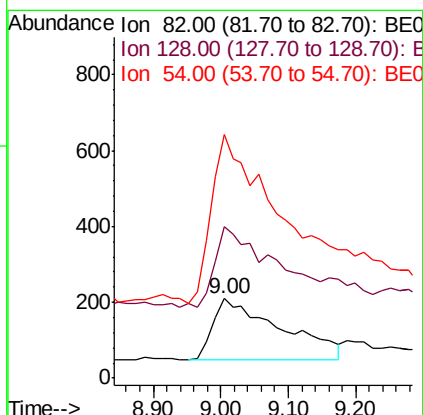
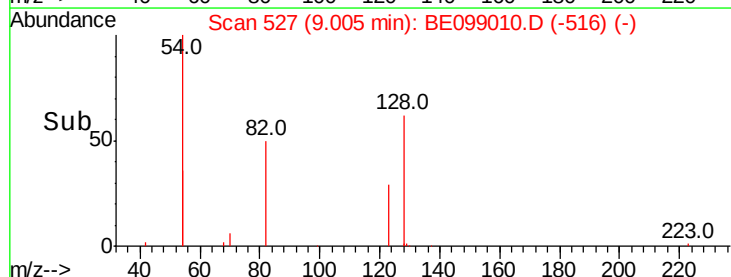
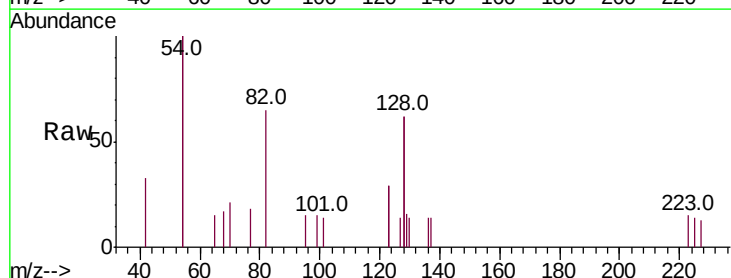
RT: 9.00 min Scan# 527

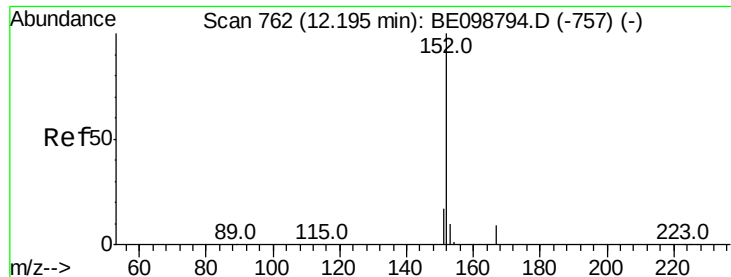
Delta R.T. 0.04 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

Tgt Ion	Ratio	Lower	Upper
82	100		
128	191.4	123.8	185.8#
54	307.2	203.4	305.2#





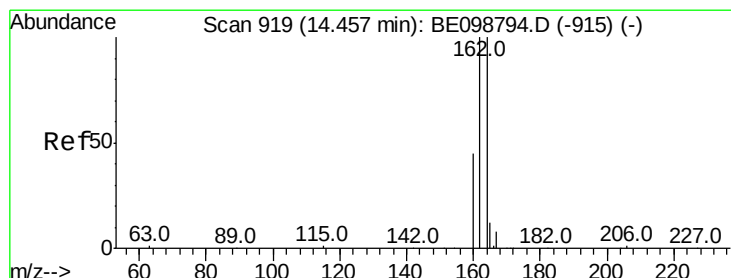
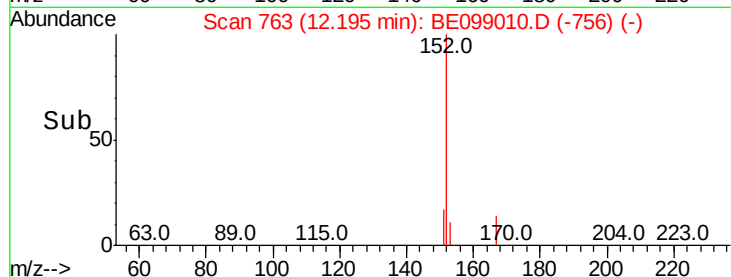
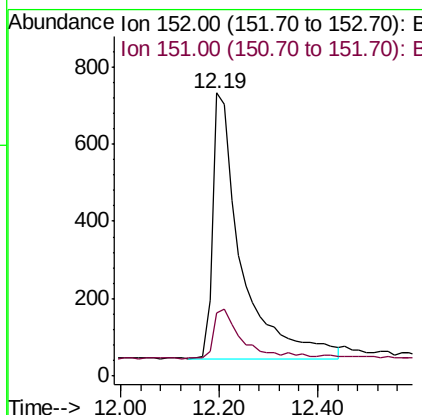
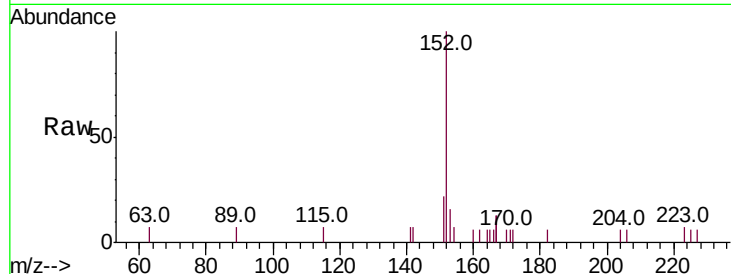
#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 12.19 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099010.D
Acq: 18 Mar 2019 20:52

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190314

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.1	16.5	24.7

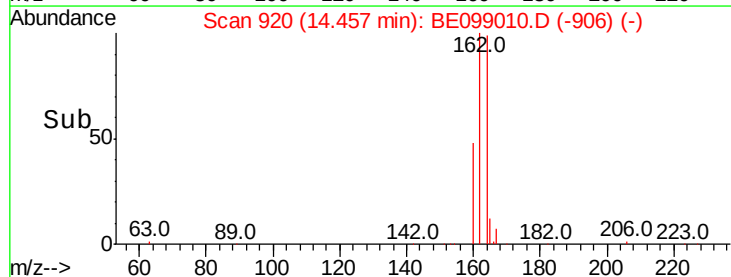
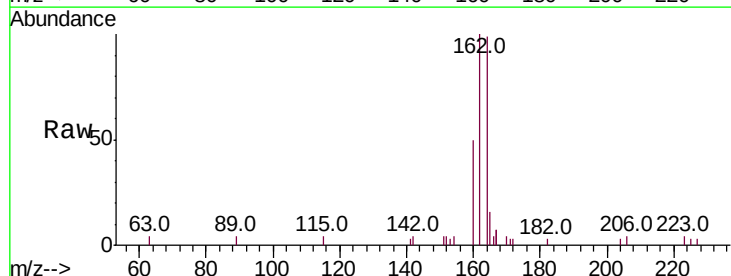
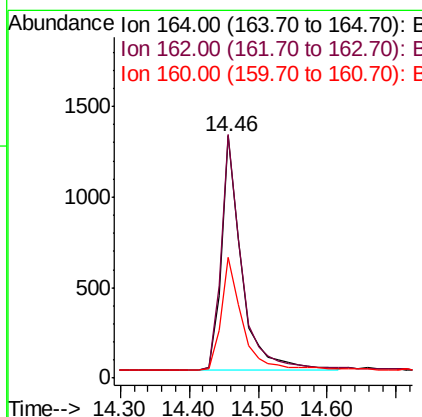
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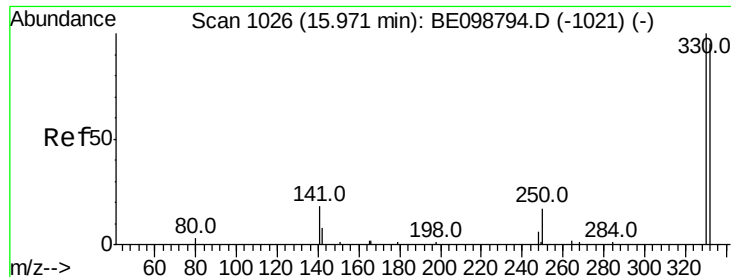
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099010.D
Acq: 18 Mar 2019 20:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.2	120.2
160	50.1	37.8	56.8





#14

2,4,6-Tribromophenol

Concen: 0.361 ng

RT: 15.97 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

Instrument :

BNA_E

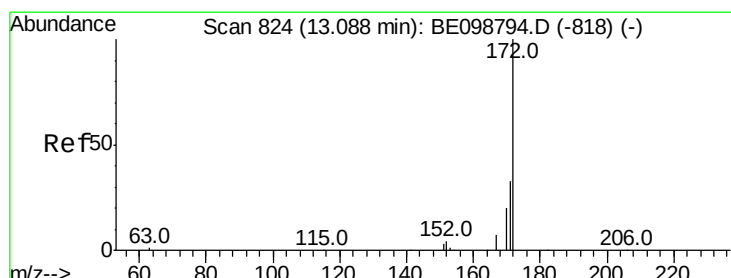
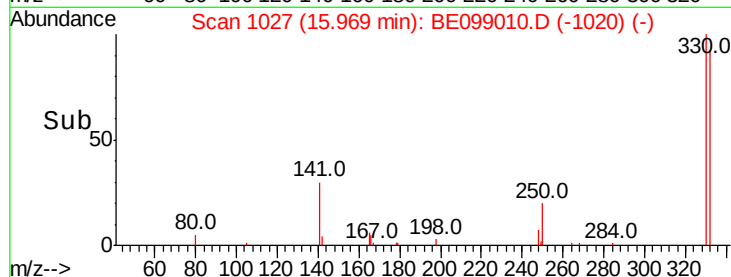
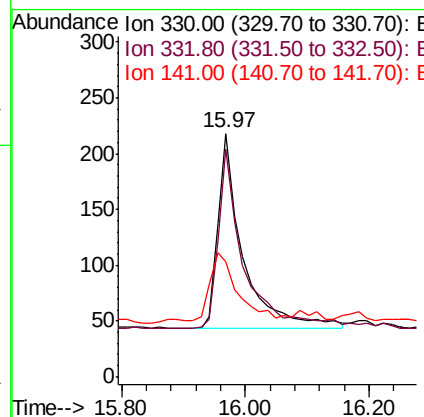
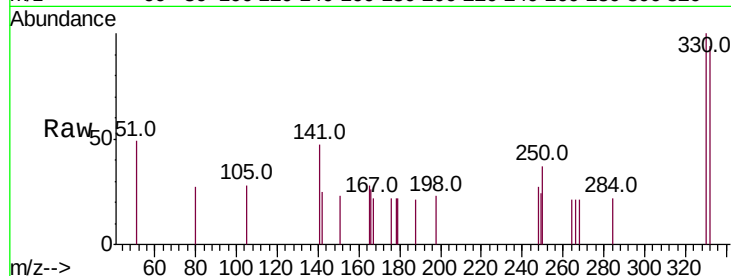
ClientSampleId :

BP-MH-SW4001-SOUTH-20190314

Tot Ion:	330	Resp:	479
Ion Ratio	Lower	Upper	
330	100		
332	99.6	77.6	116.4
141	40.3	31.0	46.4

Manual Integrations
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#15

2-Fluorobiphenyl

Concen: 0.484 ng

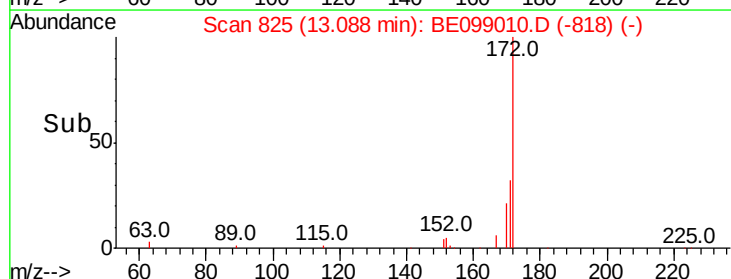
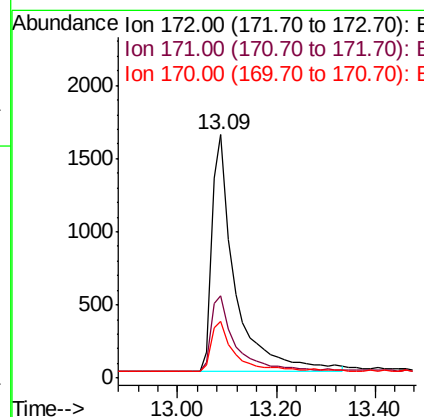
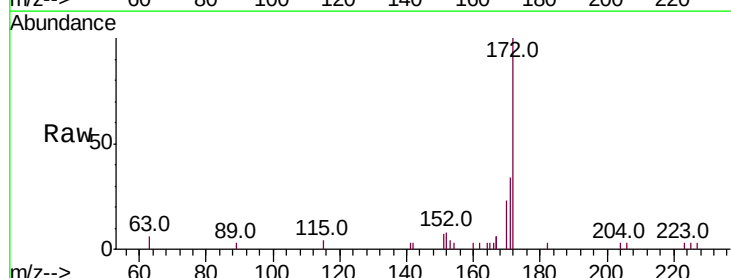
RT: 13.09 min Scan# 825

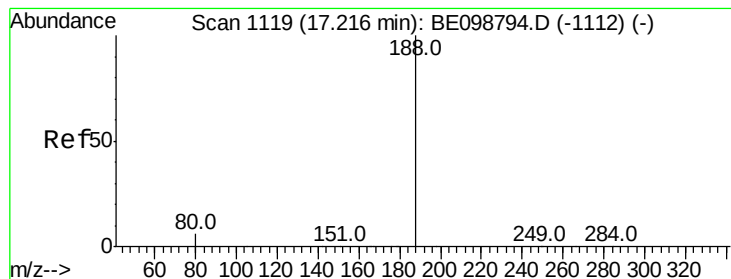
Delta R.T. 0.00 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

Tgt Ion:	172	Resp:	5261
Ion Ratio	Lower	Upper	
172	100		
171	34.1	28.0	42.0
170	23.2	17.7	26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

Instrument :

BNA_E

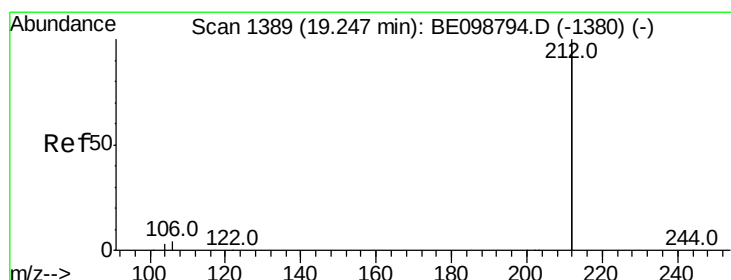
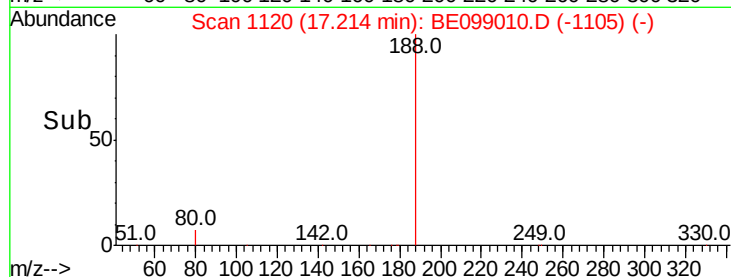
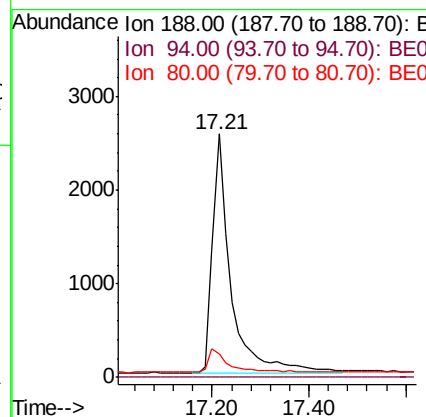
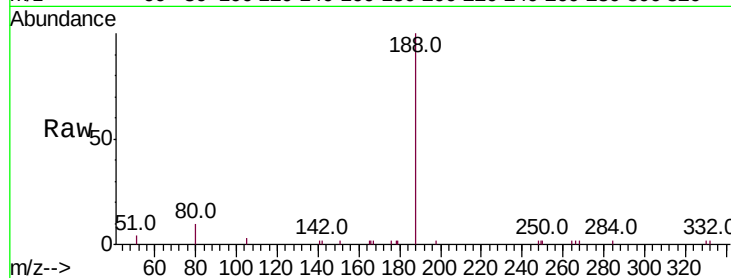
ClientSampleId :

BP-MH-SW4001-SOUTH-20190314

Tot Ion:	188	Resp:	6597
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.5	6.3	9.5#

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#25

Fluoranthene-d10

Concen: 0.366 ng

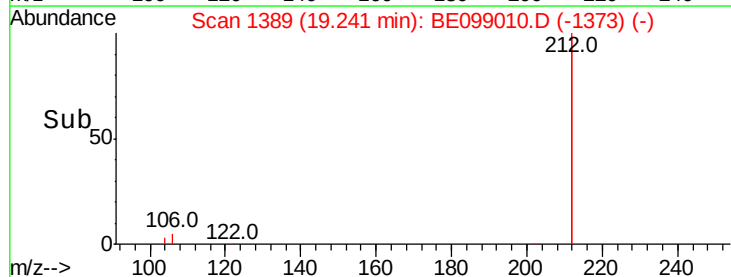
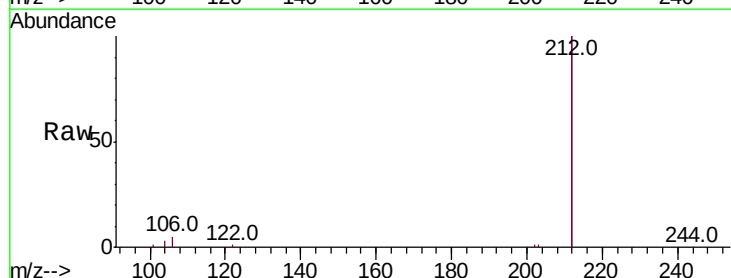
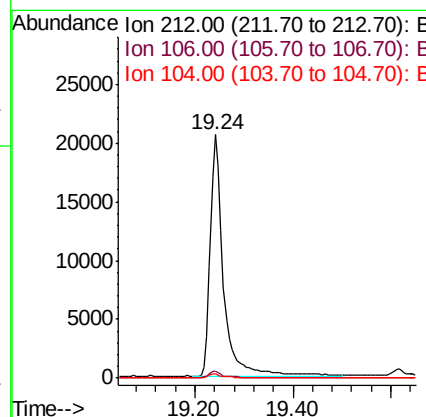
RT: 19.24 min Scan# 1389

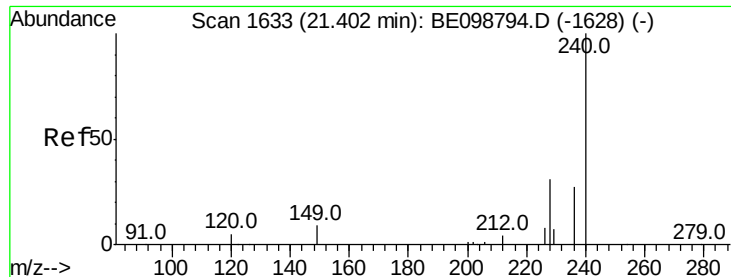
Delta R.T. -0.01 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

Tgt Ion:	212	Resp:	38559
Ion Ratio	Lower	Upper	
212	100		
106	2.3	1.8	2.8
104	1.4	1.0	1.6





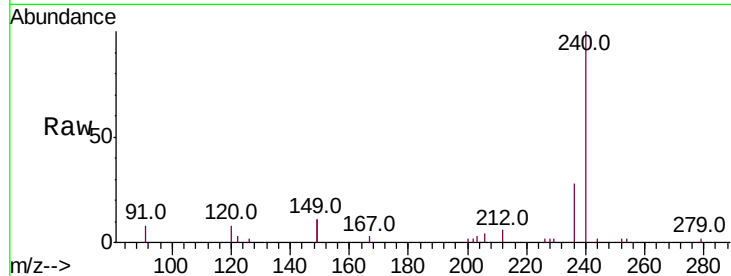
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099010.D
Acq: 18 Mar 2019 20:52

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190314

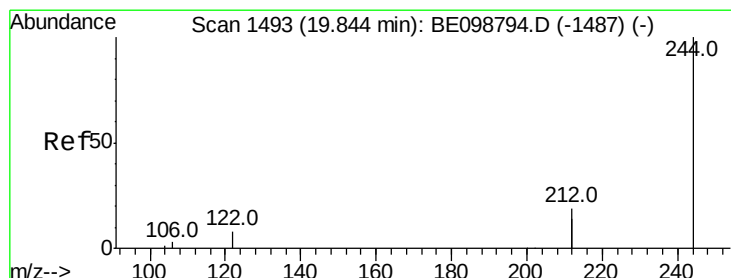
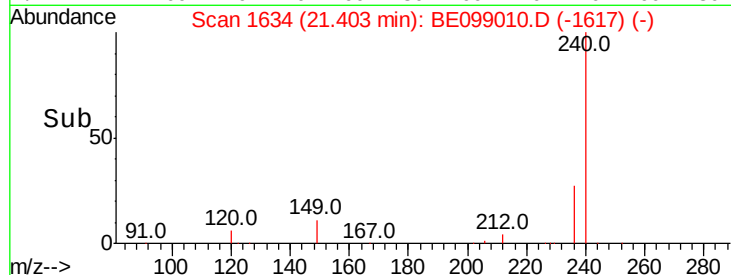
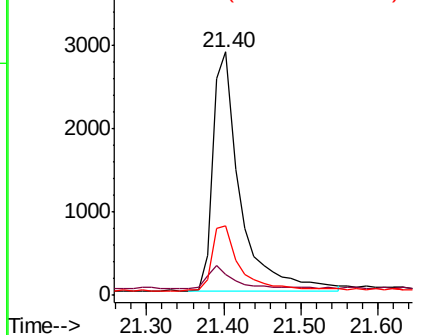
Tot Ion:240 Resp: 7073
Ion Ratio Lower Upper
240 100
120 8.4 5.0 7.4#
236 28.3 22.7 34.1

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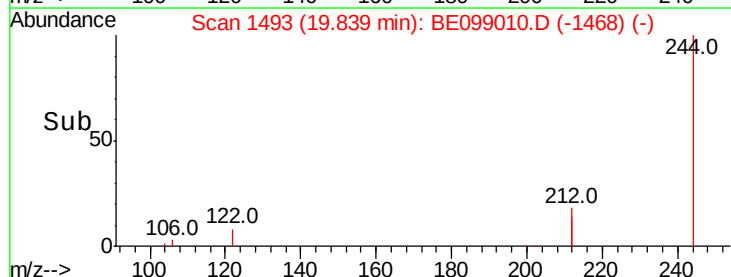
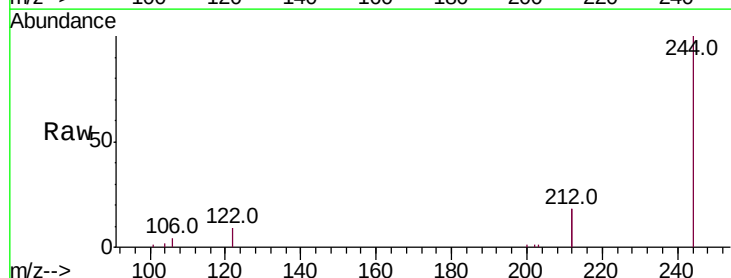
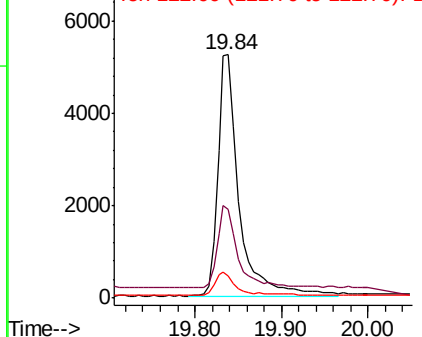
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

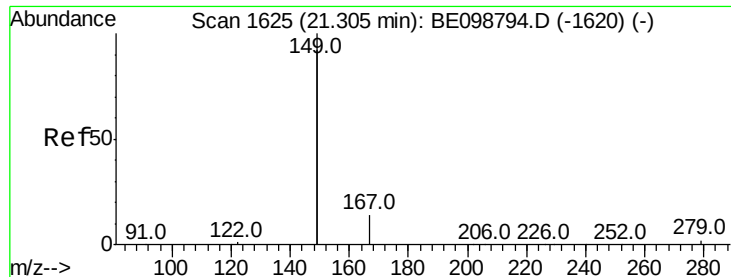


#29
Terphenyl-d14
Concen: 0.520 ng
RT: 19.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BE099010.D
Acq: 18 Mar 2019 20:52

Tgt Ion:244 Resp: 8942
Ion Ratio Lower Upper
244 100
212 36.5 29.4 44.2
122 9.2 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





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.031 ng

RT: 21.29 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

Instrument :

BNA_E

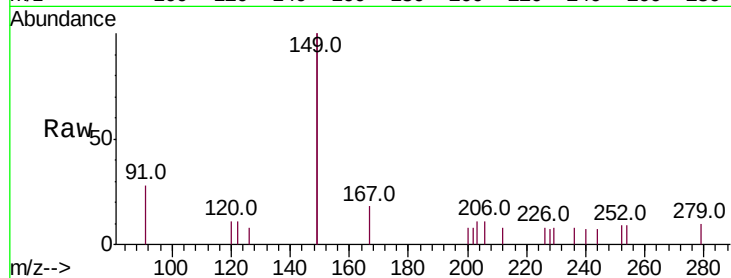
ClientSampleId :

BP-MH-SW4001-SOUTH-20190314

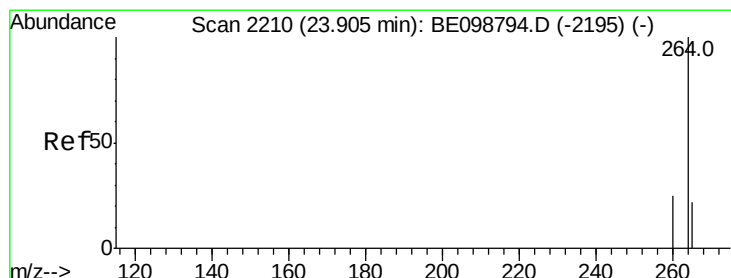
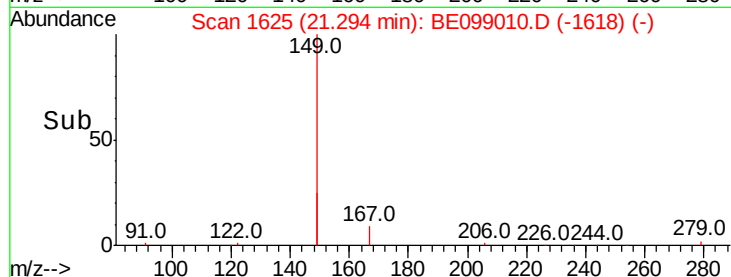
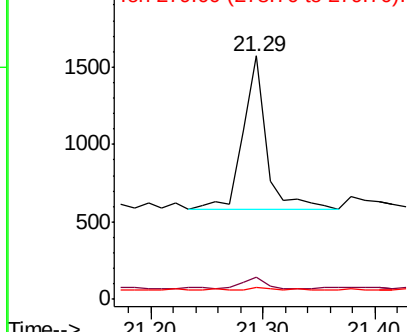
Tot Ion:	149	Resp:	1433
Ion Ratio	Lower	Upper	
149	100		
167	7.1	5.4	8.0
279	3.1	1.0	1.4#

Manual Integrations
APPROVED

Sohil
3/19/2019 5:25:52 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

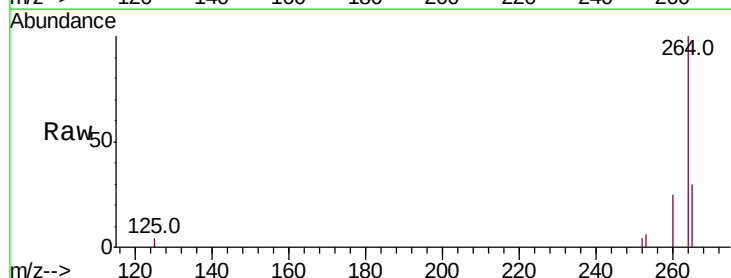
RT: 23.90 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BE099010.D

Acq: 18 Mar 2019 20:52

Tgt Ion:	264	Resp:	6559
Ion Ratio	Lower	Upper	
264	100		
260	24.7	21.2	31.8
265	29.8	24.6	36.8



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

