

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098932.D
 Acq On : 14 Mar 2019 5:00
 Operator : JU/SJ
 Sample : K1860-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE105D1-20190311

Manual Integrations
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Sohil
 3/14/2019 11:09:32 AM

Quant Time: Mar 14 09:55:48 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	703	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3174	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2363	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5823	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6959	0.40	ng	0.00
34) Perylene-d12	23.90	264	6691	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	337	0.16	ng	0.02
5) Phenol-d6	7.04	99	138m	0.05	ng	0.06
8) Nitrobenzene-d5	9.02	82	1029	0.31	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	1930	0.33	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	351	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3674	0.38	ng	0.00
25) Fluoranthene-d10	19.24	212	30297	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	6456	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	6624	6.016	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	1070	0.023	ng	# 98

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

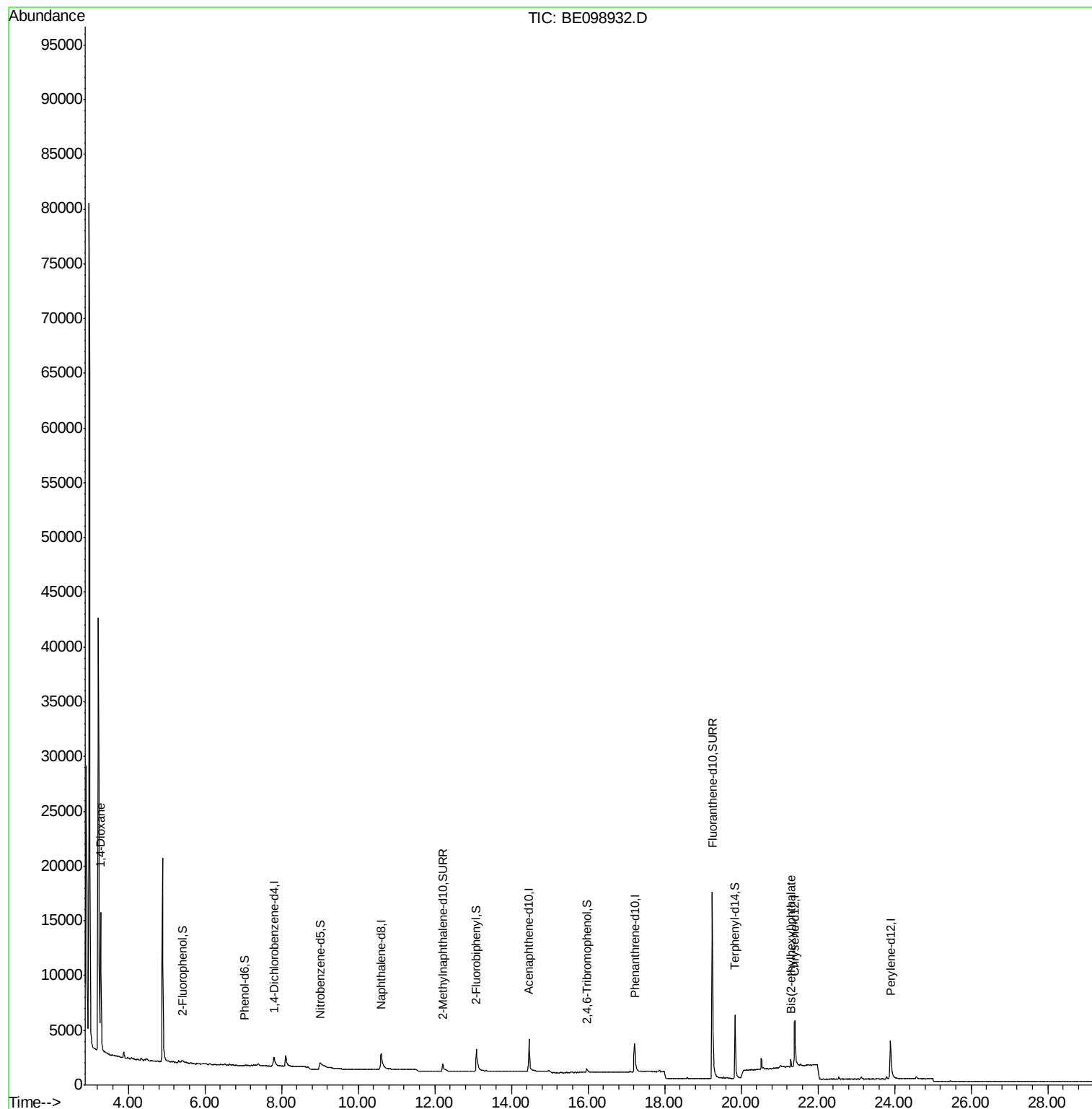
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
Data File : BE098932.D
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Sample : K1860-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

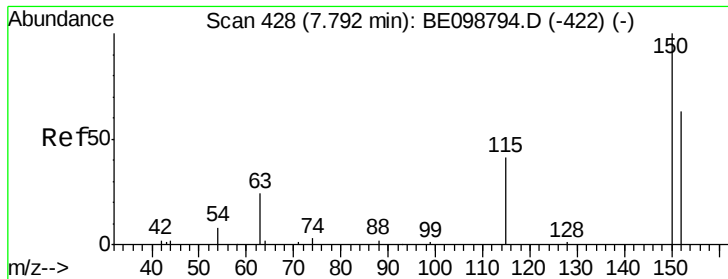
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. 0.01 min

Lab File: BE098932.D

Acq: 14 Mar 2019 5:00

Instrument :

BNA_E

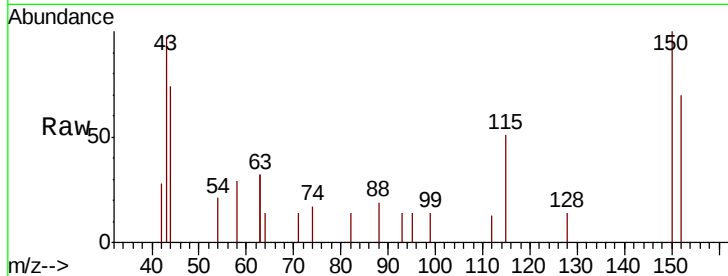
ClientSampleId :

RE105D1-20190311

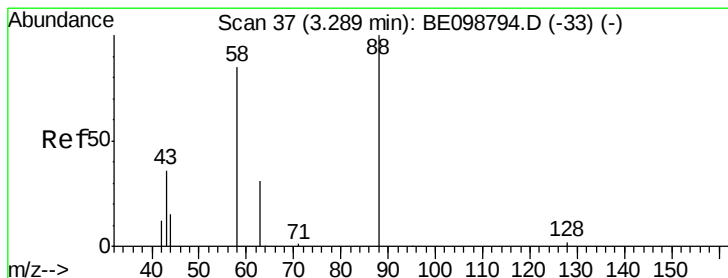
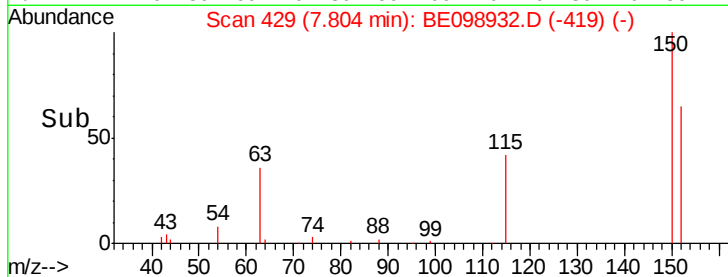
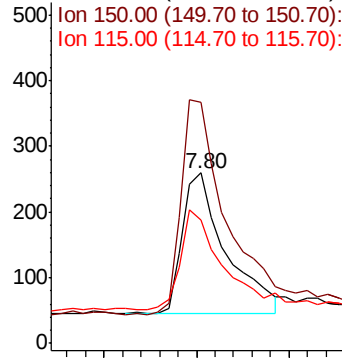
Tot Ion:	152	Resp:	703
Ion	Ratio	Lower	Upper
152	100		
150	142.1	122.5	183.7
115	72.6	57.4	86.2

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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: 6.016 ng

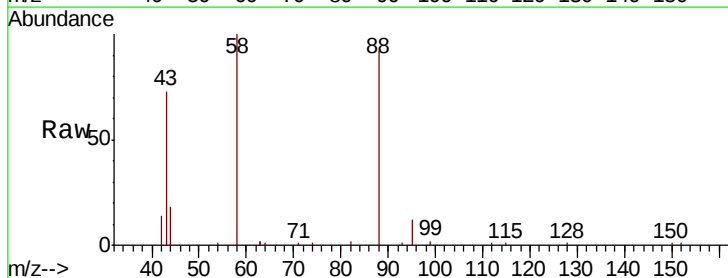
RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

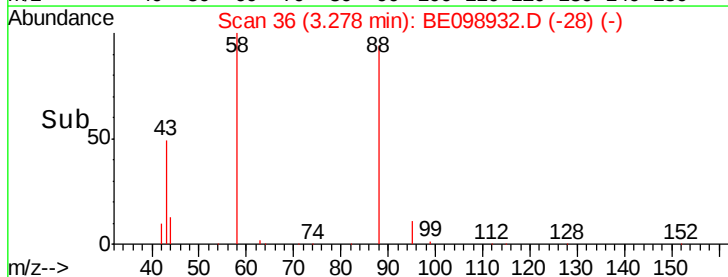
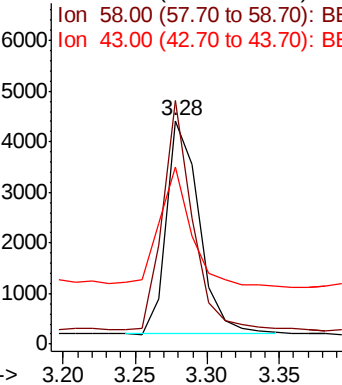
Lab File: BE098932.D

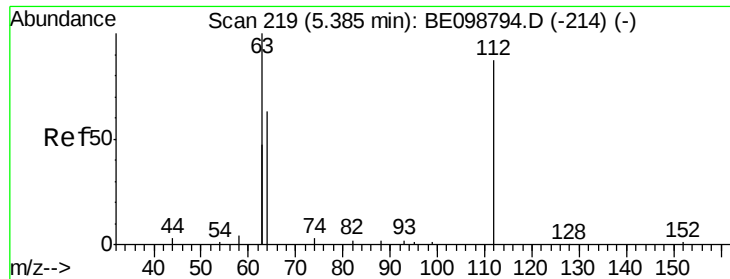
Acq: 14 Mar 2019 5:00

Tgt Ion:	88	Resp:	6624
Ion	Ratio	Lower	Upper
88	100		
58	98.0	75.8	113.6
43	53.2	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: 0.160 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098932.D

Acq: 14 Mar 2019 5:00

Instrument :

BNA_E

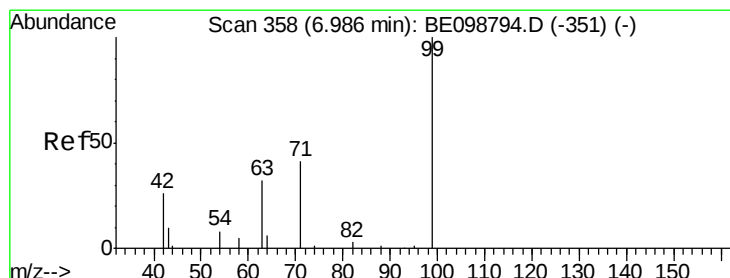
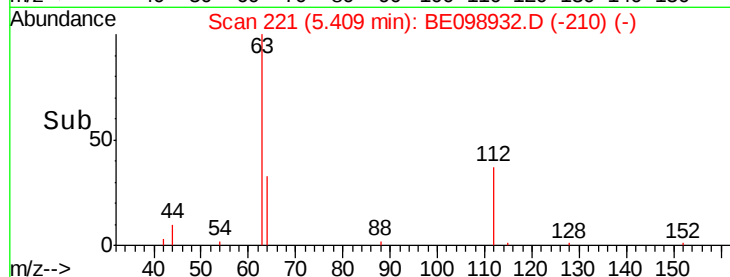
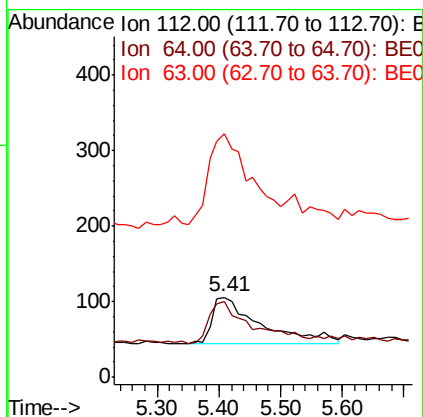
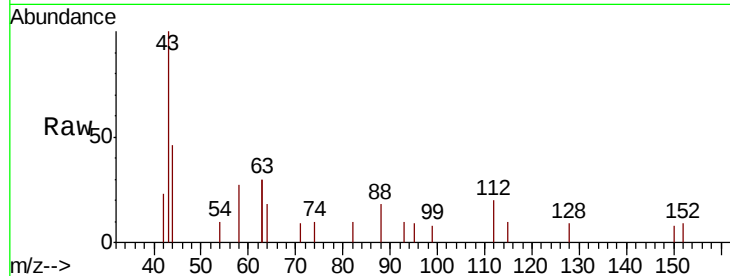
ClientSampleId :

RE105D1-20190311

Tot Ion:	112	Resp:	337
Ion Ratio	Lower	Upper	
112	100		
64	78.0	57.9	86.9
63	167.4	158.3	237.5

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#5

Phenol-d6

Concen: 0.046 ng m

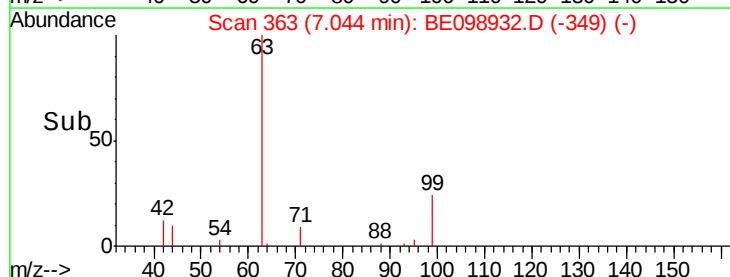
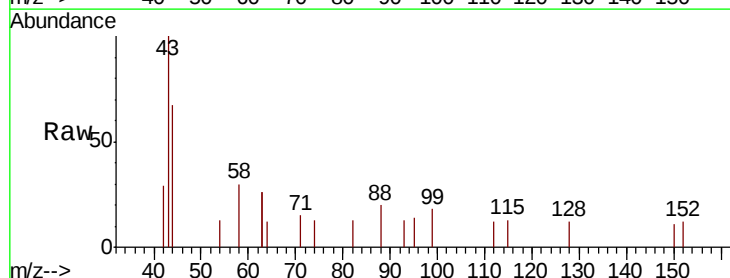
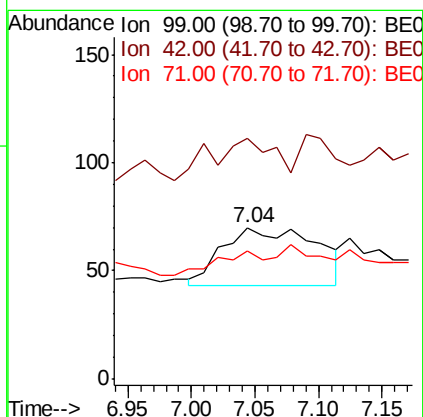
RT: 7.04 min Scan# 363

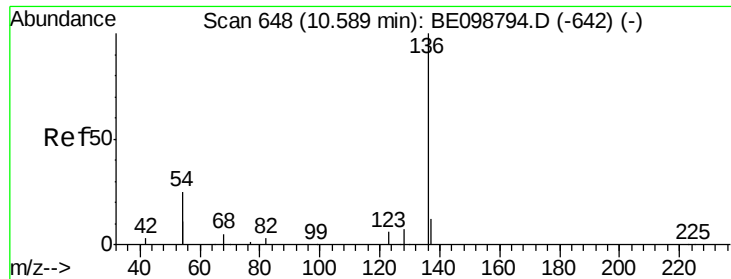
Delta R.T. 0.06 min

Lab File: BE098932.D

Acq: 14 Mar 2019 5:00

Tgt Ion:	99	Resp:	138
Ion Ratio	Lower	Upper	
99	100		
42	8.7	24.2	36.2#
71	0.0	35.7	53.5#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098932.D

Acq: 14 Mar 2019 5:00

Instrument :

BNA_E

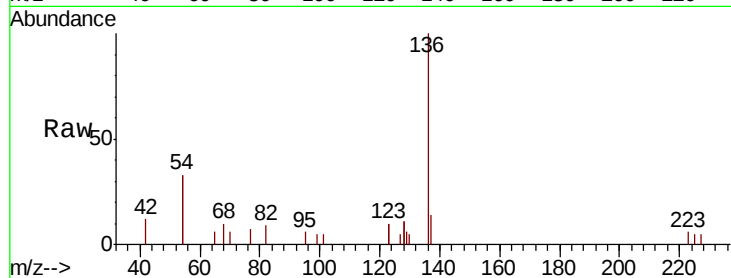
ClientSampleId :

RE105D1-20190311

Tot Ion	Ratio	Lower	Upper
136	100		
137	14.3	11.4	17.0
54	66.1	39.3	58.9#
68	10.5	6.7	10.1#

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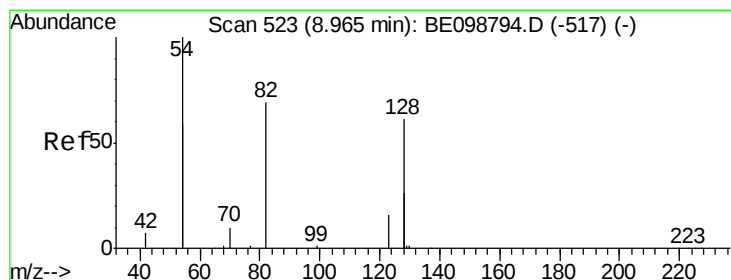
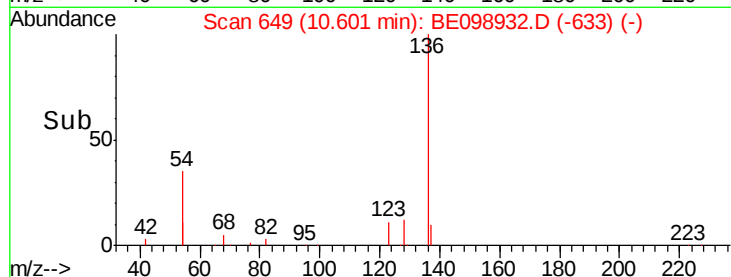
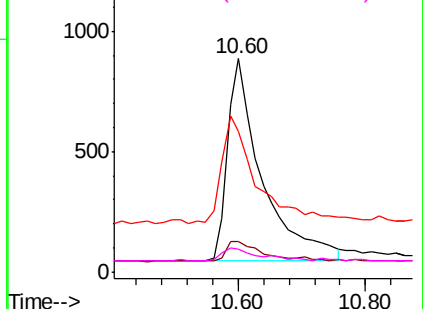


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.309 ng

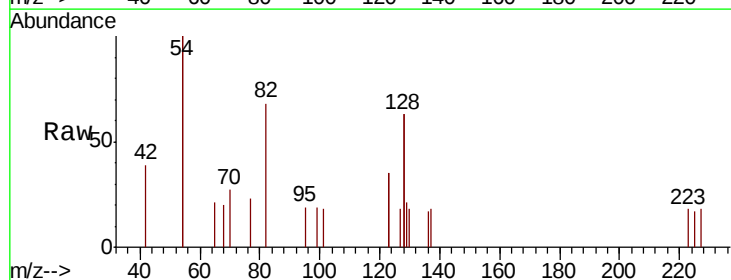
RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE098932.D

Acq: 14 Mar 2019 5:00

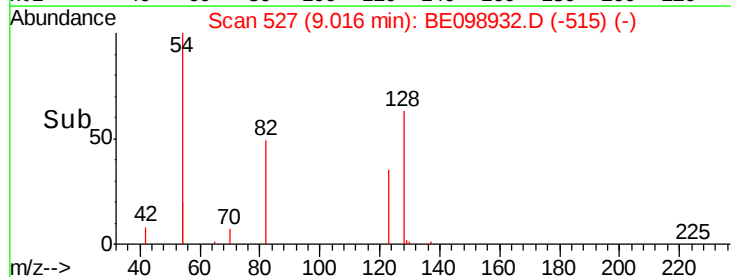
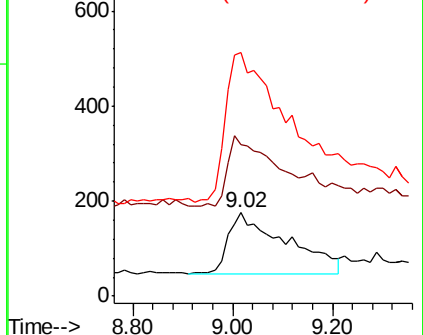
Tgt Ion	Ratio	Lower	Upper
82	100		
128	182.9	123.8	185.8
54	292.6	203.4	305.2

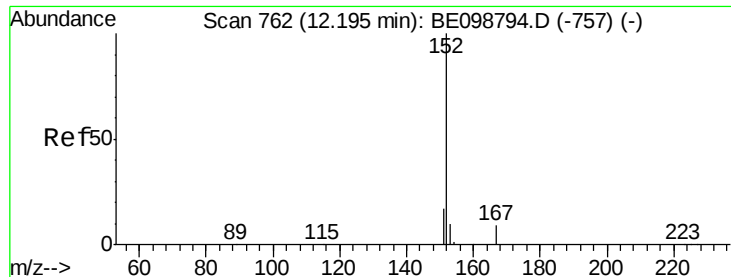


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





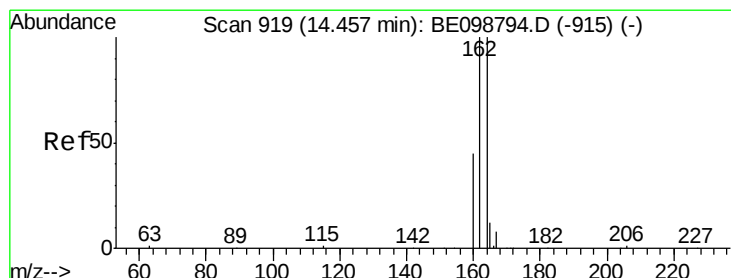
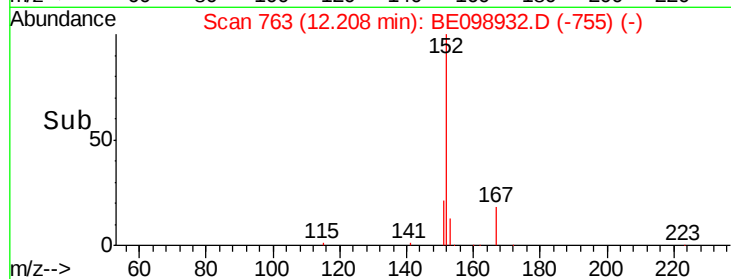
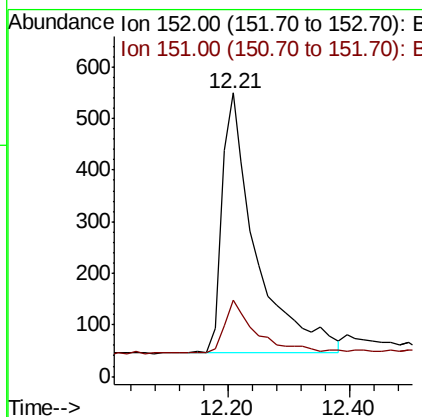
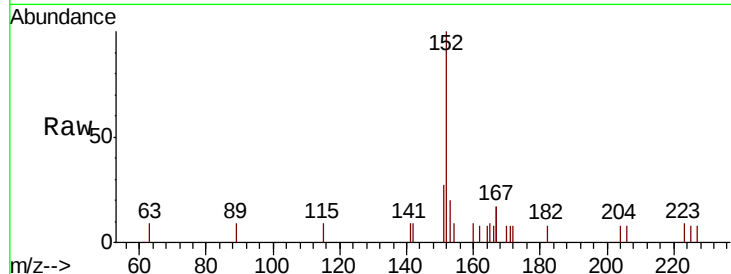
#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098932.D
Acq: 14 Mar 2019 5:00

Instrument :
BNA_E
ClientSampleId :
RE105D1-20190311

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.5	24.7

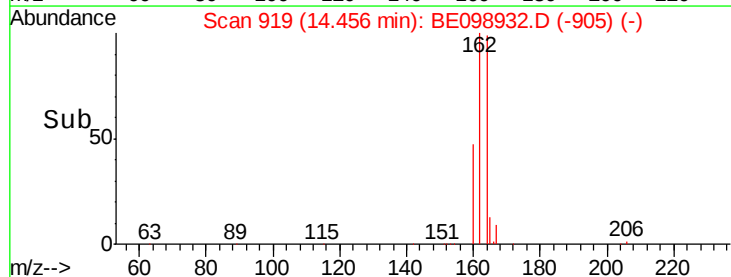
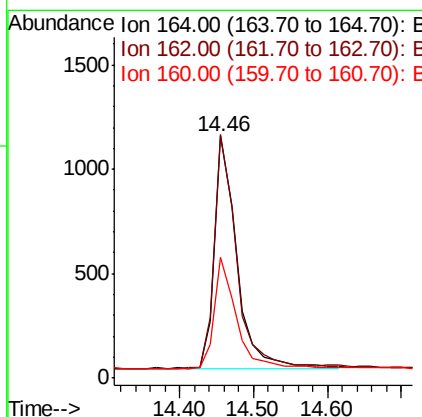
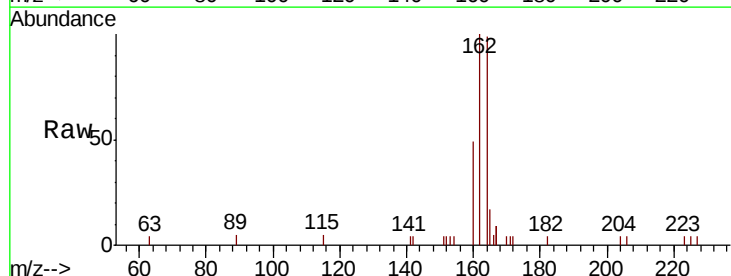
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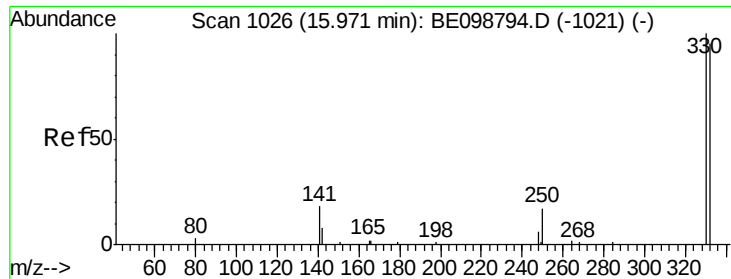
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098932.D
Acq: 14 Mar 2019 5:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.2	120.2
160	49.7	37.8	56.8





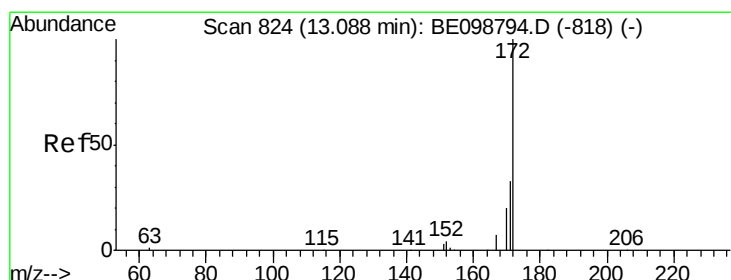
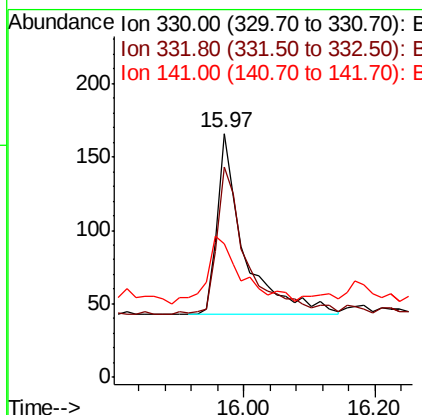
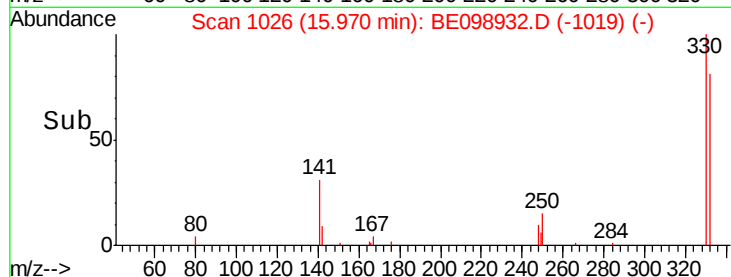
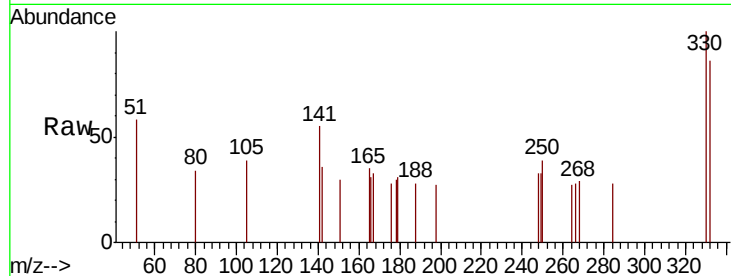
#14
 2,4,6-Tribromophenol
 Concen: 0.294 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098932.D
 Acq: 14 Mar 2019 5:00

Instrument :
 BNA_E
 ClientSampleId :
 RE105D1-20190311

Tot Ion	Ratio	Lower	Upper
330	100		
332	87.5	77.6	116.4
141	41.3	31.0	46.4

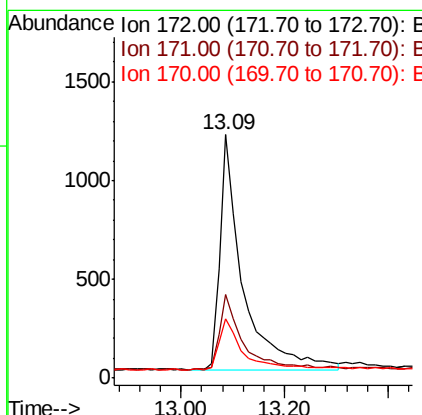
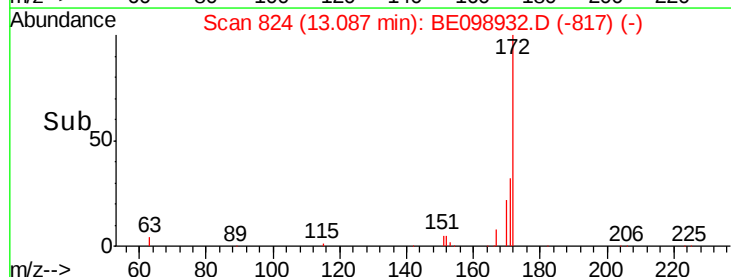
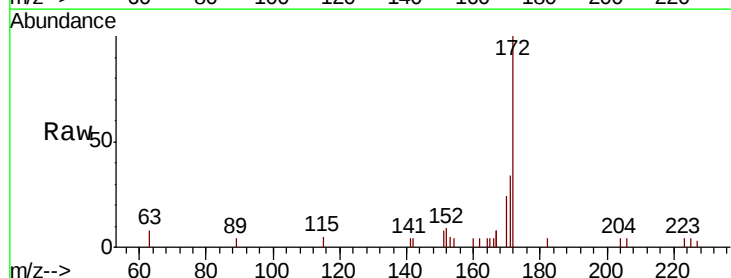
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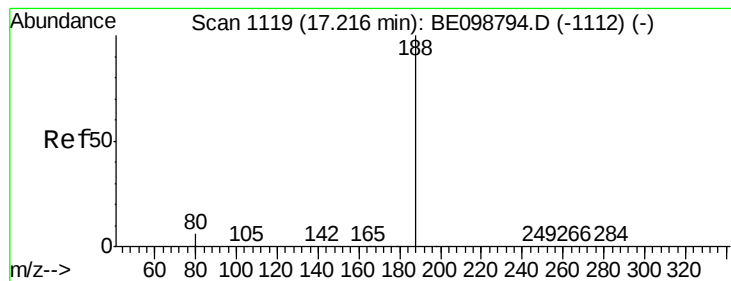
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#15
 2-Fluorobiphenyl
 Concen: 0.376 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE098932.D
 Acq: 14 Mar 2019 5:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.0	42.0
170	24.4	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: BE098932.D

Acq: 14 Mar 2019 5:00

Instrument :

BNA_E

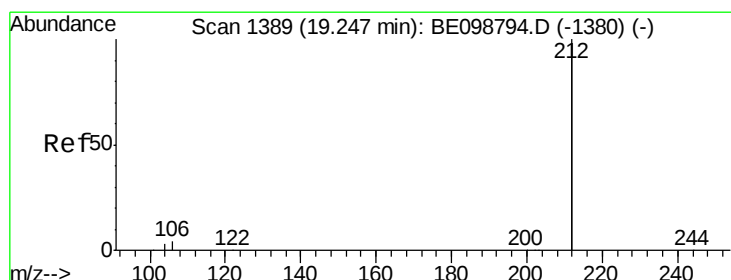
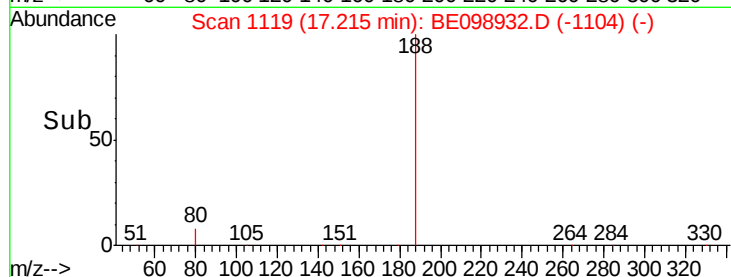
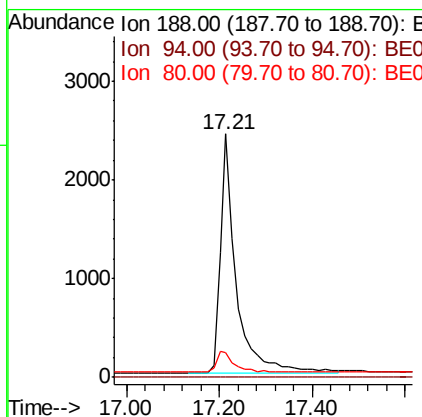
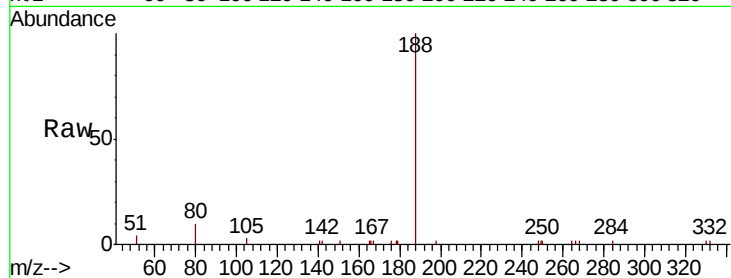
ClientSampleId :

RE105D1-20190311

Tot Ion:	188	Resp:	5823
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.1	6.3	9.5#

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#25

Fluoranthene-d10

Concen: 0.326 ng

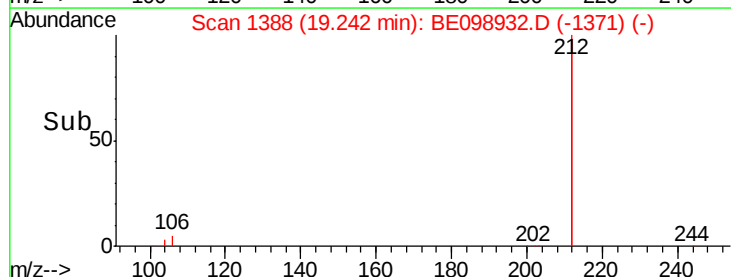
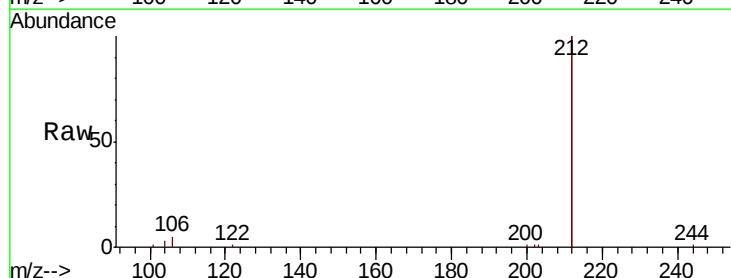
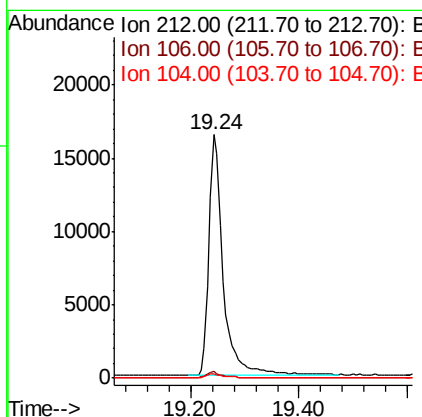
RT: 19.24 min Scan# 1388

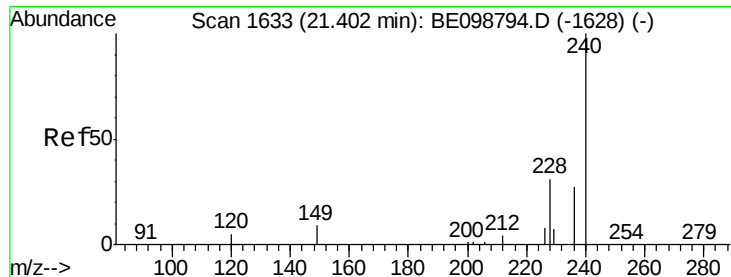
Delta R.T. -0.00 min

Lab File: BE098932.D

Acq: 14 Mar 2019 5:00

Tgt Ion:	212	Resp:	30297
Ion Ratio	Lower	Upper	
212	100		
106	2.2	1.8	2.8
104	1.4	1.0	1.6





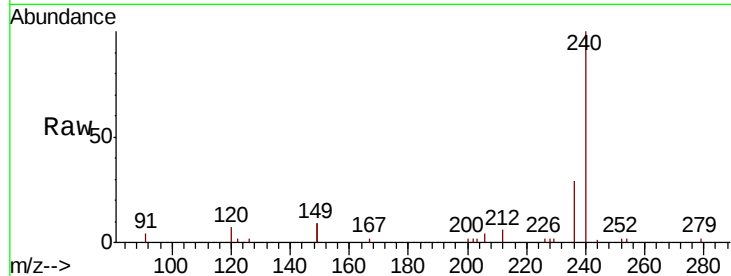
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098932.D
Acq: 14 Mar 2019 5:00

Instrument :
BNA_E
ClientSampleId :
RE105D1-20190311

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.0	7.4
236	28.8	22.7	34.1

Manual Integrations
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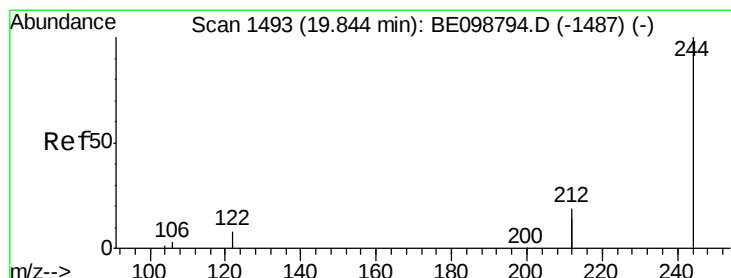
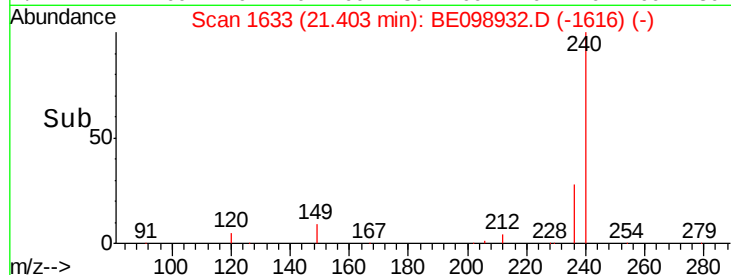
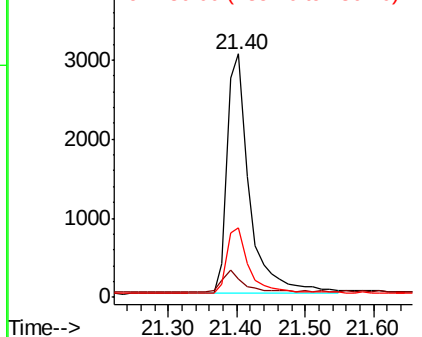


Abundance

Ion 240.00 (239.70 to 240.70): E

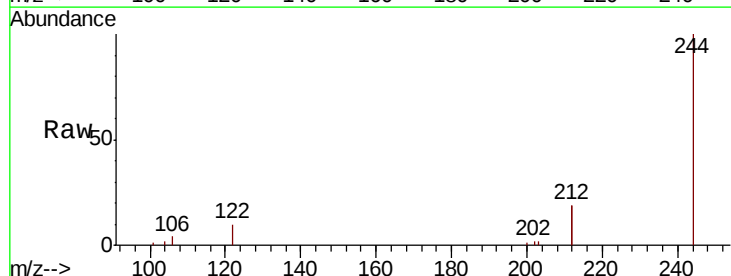
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29
Terphenyl-d14
Concen: 0.382 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE098932.D
Acq: 14 Mar 2019 5:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	38.9	29.4	44.2
122	9.7	7.1	10.7

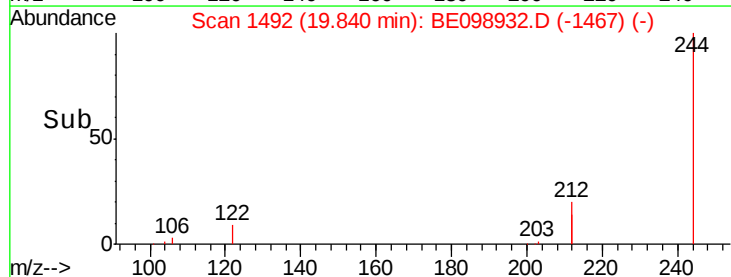
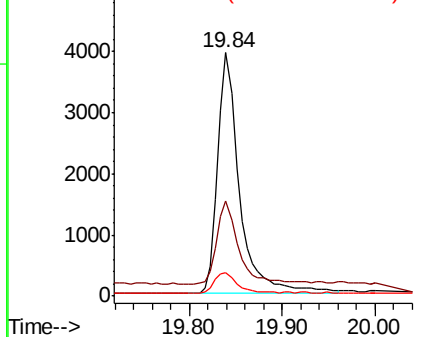


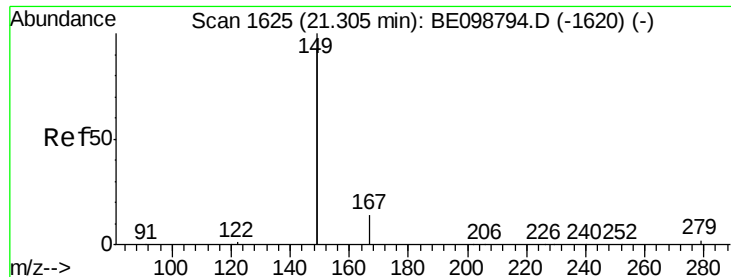
Abundance

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





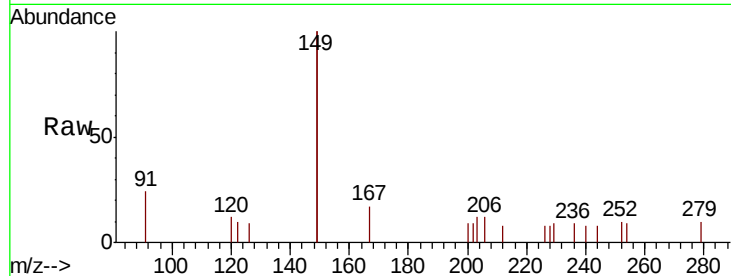
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.023 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098932.D
Acq: 14 Mar 2019 5:00

Instrument :
BNA_E
ClientSampleId :
RE105D1-20190311

Tot Ion	Ratio	Lower	Upper
149	100		
167	5.8	5.4	8.0
279	0.8	1.0	1.4#

Manual Integrations
APPROVED

Sohil
3/14/2019 11:09:32 AM

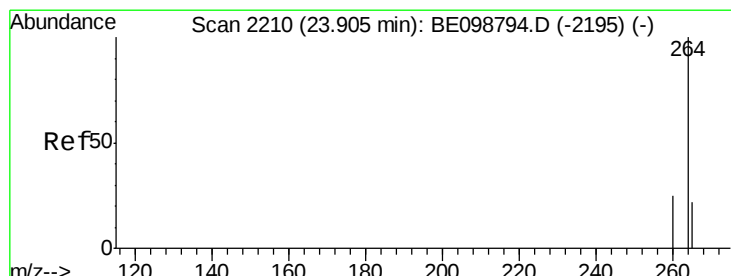
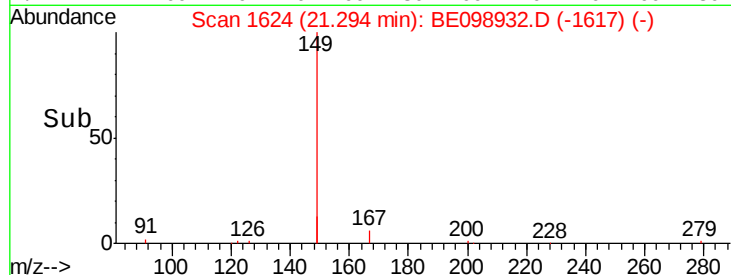
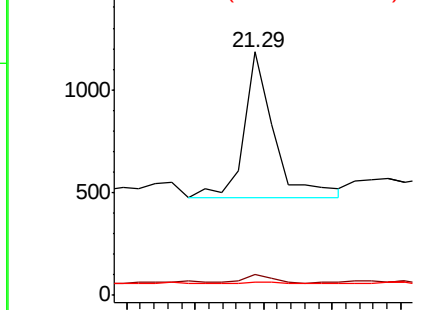


Abundance

Ion 149.00 (148.70 to 149.70): E

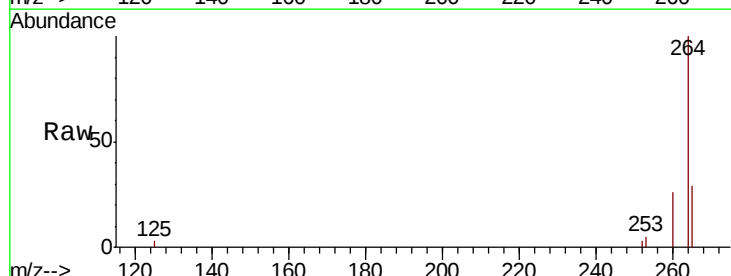
Ion 167.00 (166.70 to 167.70): E

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: BE098932.D
Acq: 14 Mar 2019 5:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.2	31.8
265	28.7	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

