

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031519\
 Data File : BE098991.D
 Acq On : 16 Mar 2019 6:47
 Operator : JU/SJ
 Sample : k1912-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M3-T4-UV(POST-HYPO)RE

Quant Time: Mar 18 02:05:35 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

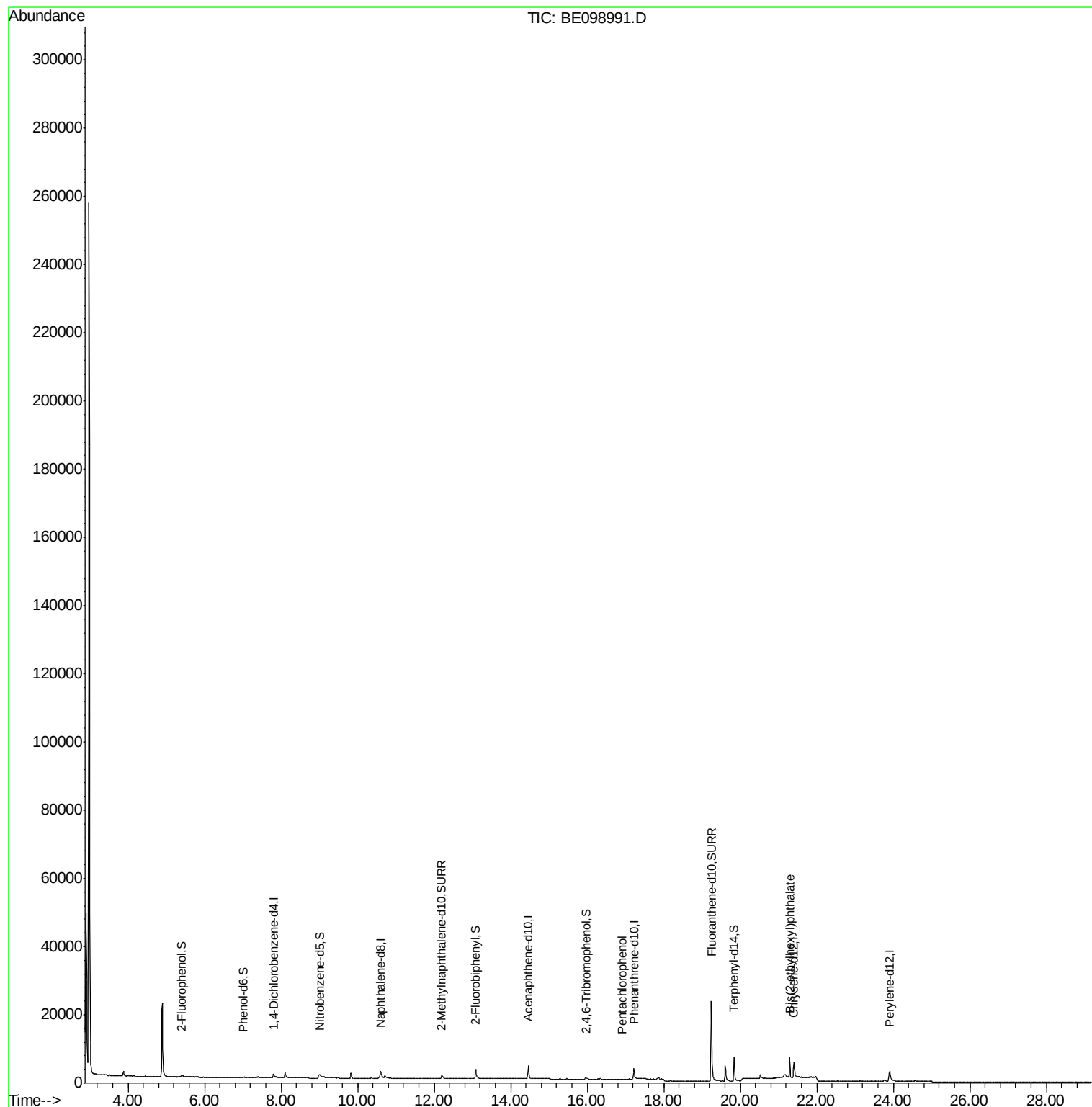
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	830	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3812	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2784	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6142	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7234	0.40	ng	0.00
34) Perylene-d12	23.90	264	6584	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	643	0.26	ng	0.01
5) Phenol-d6	7.02	99	559	0.16	ng	0.04
8) Nitrobenzene-d5	9.00	82	1442	0.36	ng	0.04
11) 2-Methylnaphthalene-d10	12.19	152	2866	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	488	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4763	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	39902	0.41	ng	0.00
29) Terphenyl-d14	19.84	244	7679	0.44	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.91	266	13	0.274	ng	87
32) Bis(2-ethylhexyl)phthalate	21.29	149	6390	0.133	ng	99

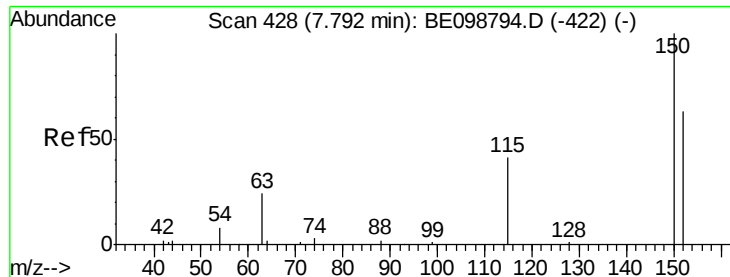
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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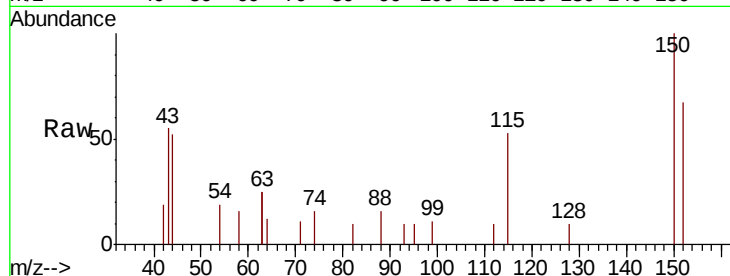


#1

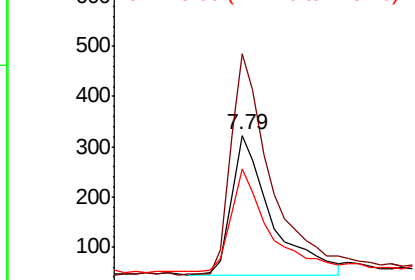
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098991.D
Acq: 16 Mar 2019 6:47

Instrument :
BNA_E
ClientSampleId :
M3-T4-UV(POST-HYPO)RE

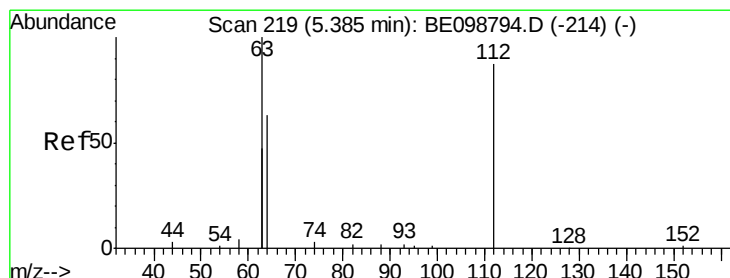
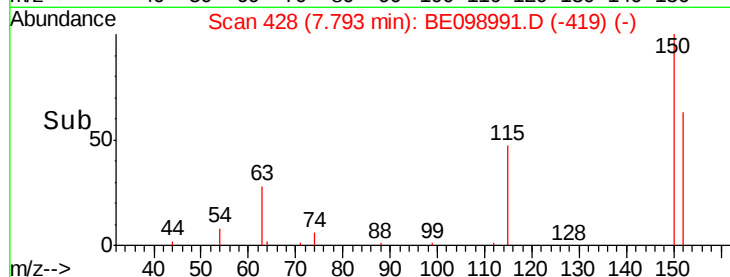
Tot Ion:152 Resp: 830
Ion Ratio Lower Upper
152 100
150 150.2 122.5 183.7
115 79.3 57.4 86.2



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



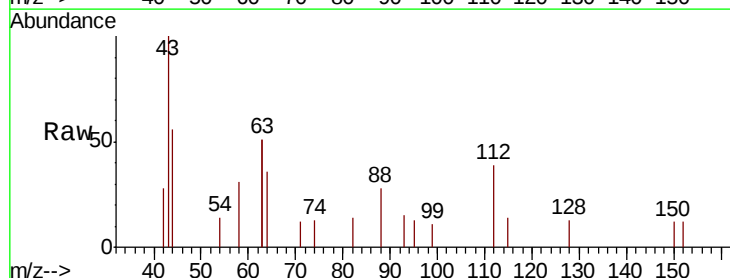
Time-->



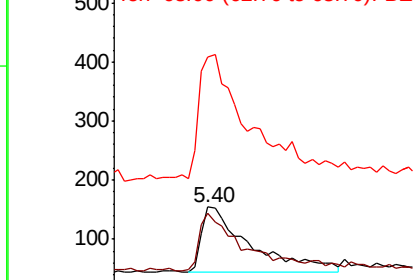
#4

2-Fluorophenol
Concen: 0.259 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE098991.D
Acq: 16 Mar 2019 6:47

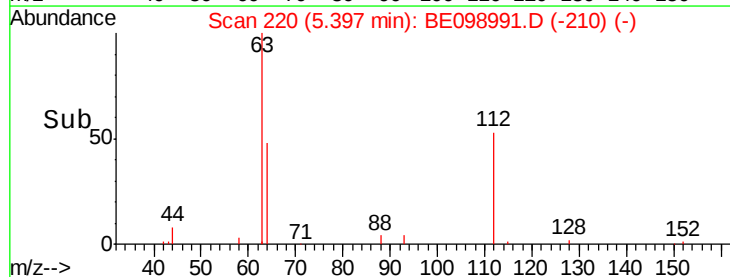
Tgt Ion:112 Resp: 643
Ion Ratio Lower Upper
112 100
64 73.4 57.9 86.9
63 200.5 158.3 237.5

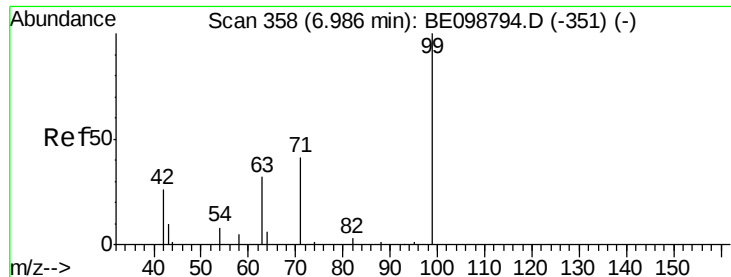


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.159 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.04 min

Lab File: BE098991.D

Acq: 16 Mar 2019 6:47

Instrument :

BNA_E

ClientSampleId :

M3-T4-UV(POST-HYPO)RE

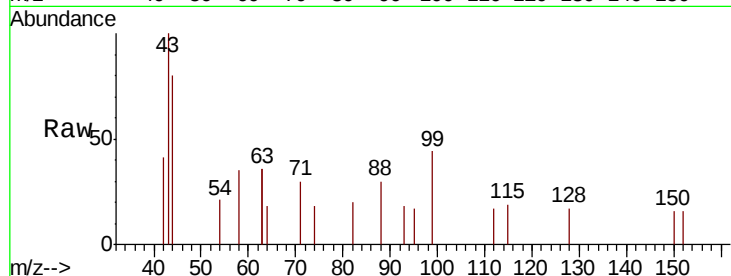
Tot Ion: 99 Resp: 559

Ion Ratio Lower Upper

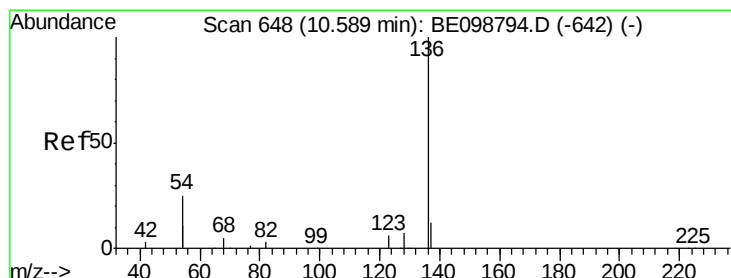
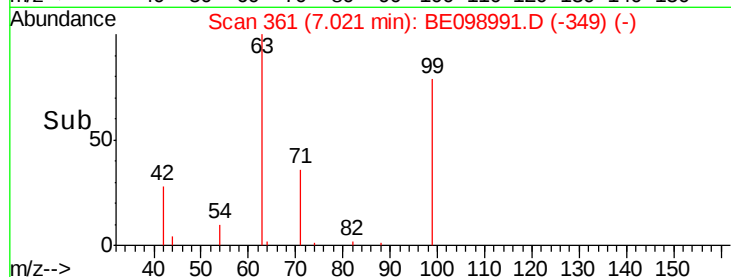
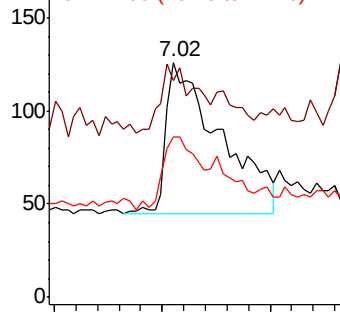
99 100

42 29.3 24.2 36.2

71 30.6 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# 649

Delta R.T. 0.01 min

Lab File: BE098991.D

Acq: 16 Mar 2019 6:47

Tgt Ion: 136 Resp: 3812

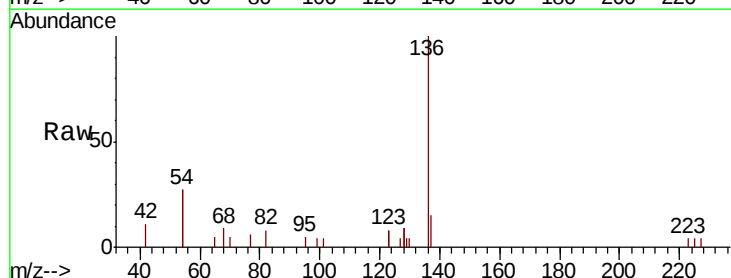
Ion Ratio Lower Upper

136 100

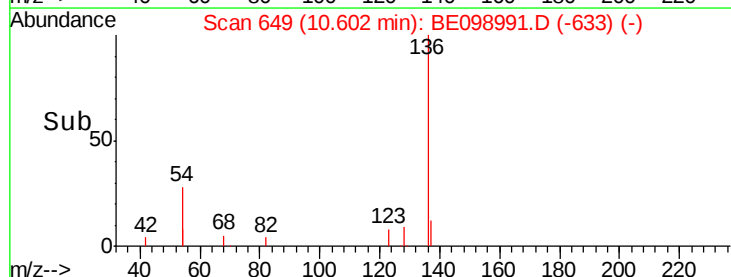
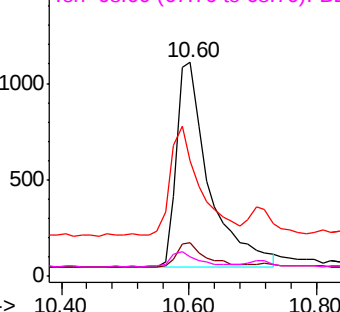
137 15.3 11.4 17.0

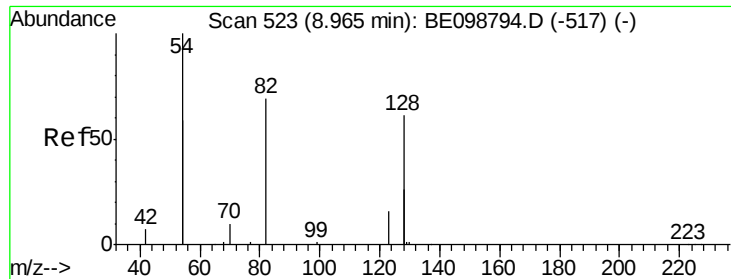
54 53.9 39.3 58.9

68 9.0 6.7 10.1



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

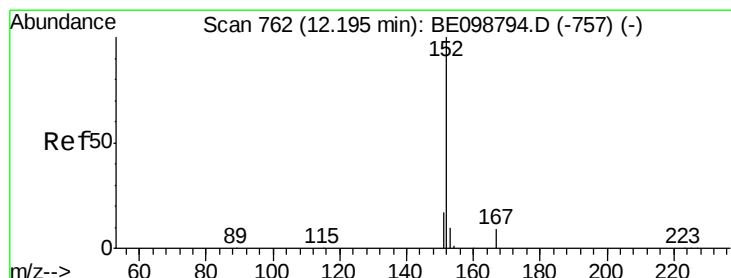
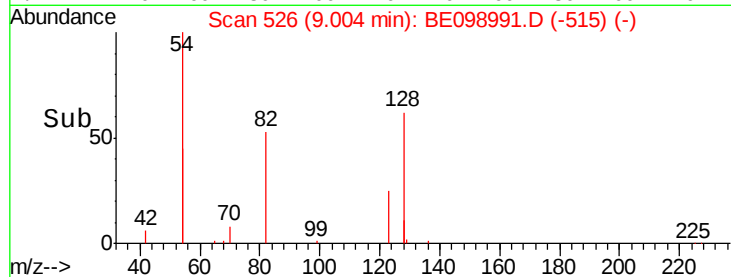
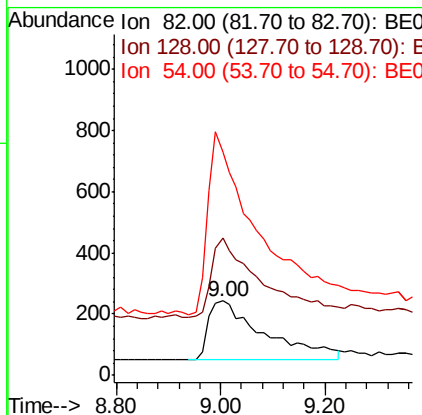
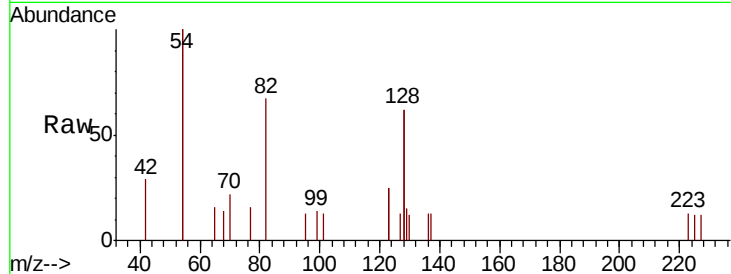




#8
 Nitrobenzene-d5
 Concen: 0.361 ng
 RT: 9.00 min Scan# 526
 Delta R.T. 0.04 min
 Lab File: BE098991.D
 Acq: 16 Mar 2019 6:47

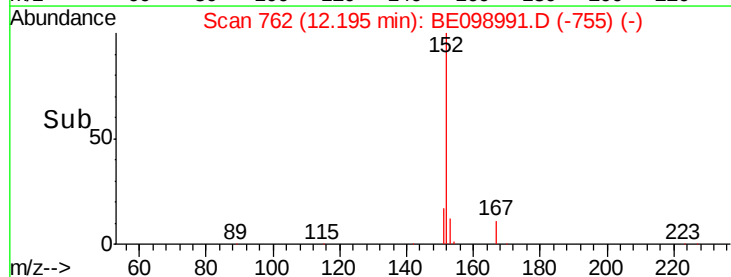
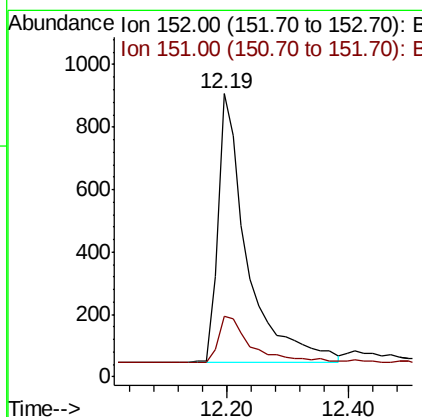
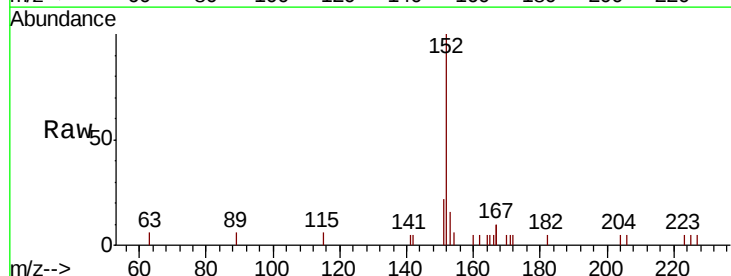
Instrument :
 BNA_E
 ClientSampleId :
 M3-T4-UV(POST-HYPO)RE

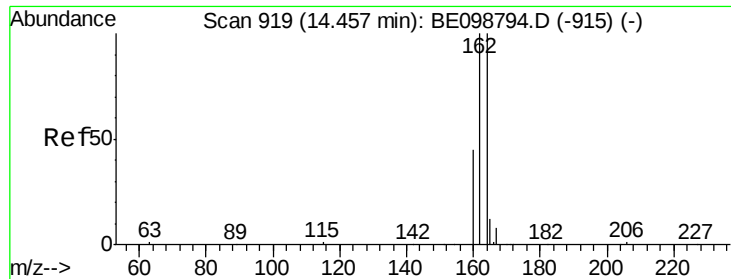
Tot Ion	82	Resp	1442
Ion Ratio	Lower	Upper	
82	100		
128	185.2	123.8	185.8
54	299.6	203.4	305.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.407 ng
 RT: 12.19 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE098991.D
 Acq: 16 Mar 2019 6:47

Tgt Ion	152	Resp	2866
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.5	24.7

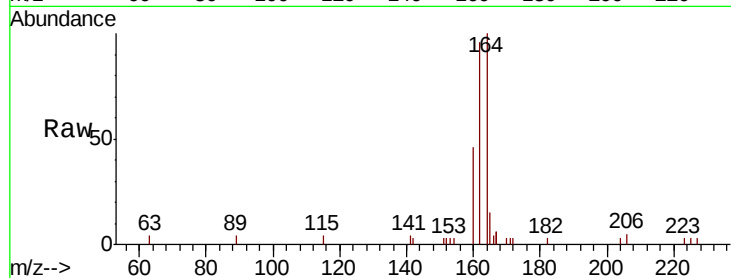




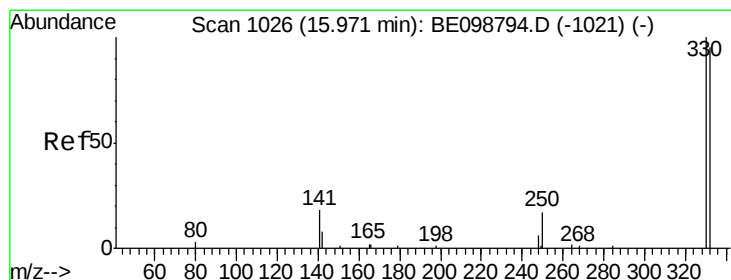
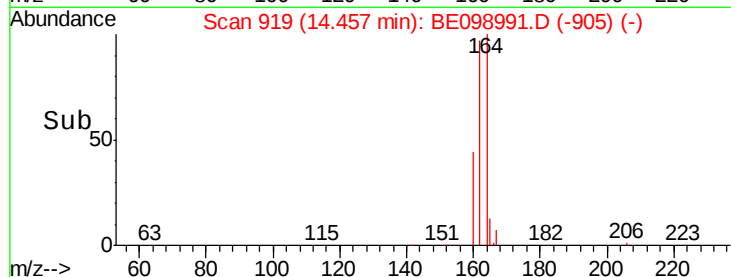
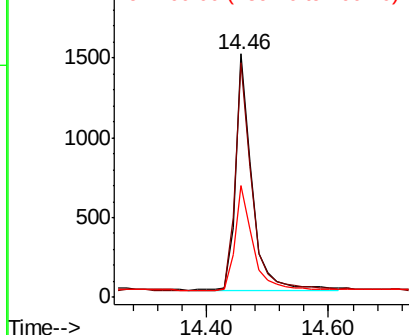
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098991.D
Acq: 16 Mar 2019 6:47

Instrument :
BNA_E
ClientSampleId :
M3-T4-UV(POST-HYPO)RE

Tot Ion:164 Resp: 2784
Ion Ratio Lower Upper
164 100
162 96.2 80.2 120.2
160 46.0 37.8 56.8

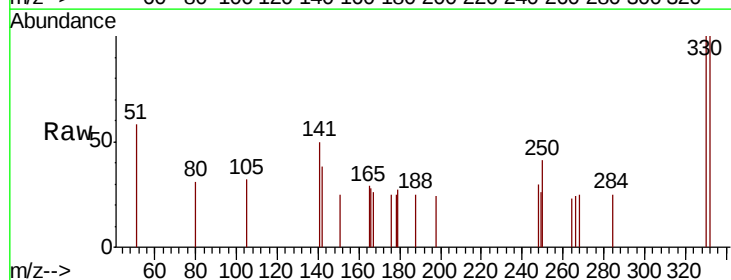


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

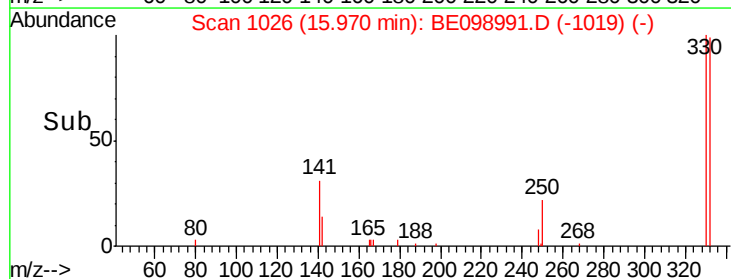
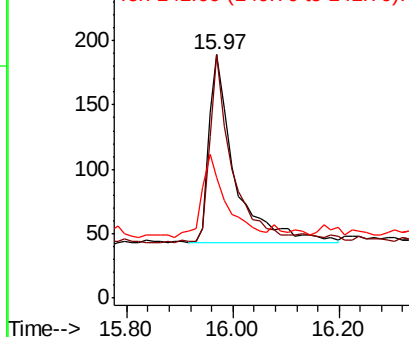


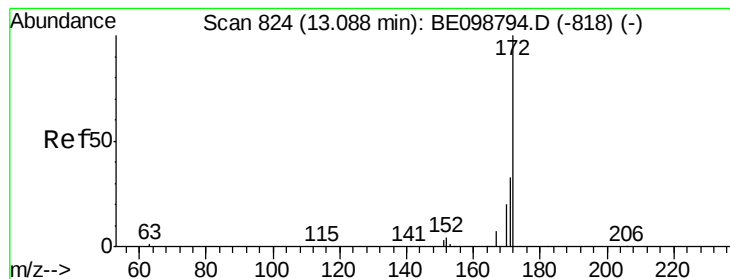
#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098991.D
Acq: 16 Mar 2019 6:47

Tgt Ion:330 Resp: 488
Ion Ratio Lower Upper
330 100
332 84.2 77.6 116.4
141 35.0 31.0 46.4



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

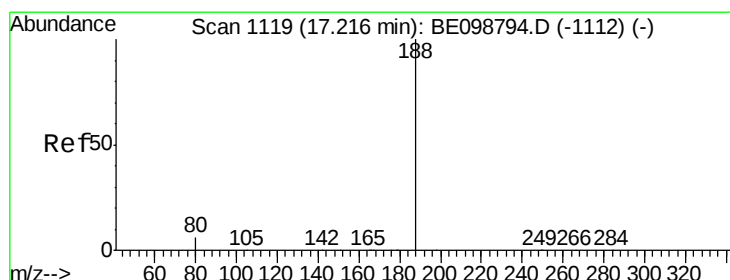
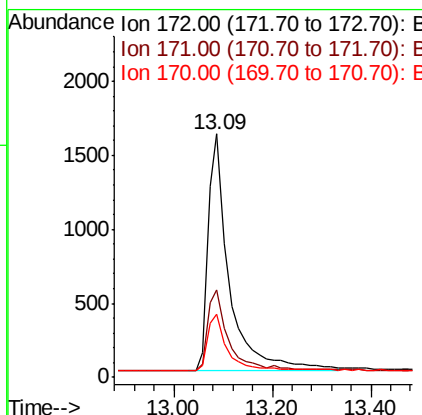
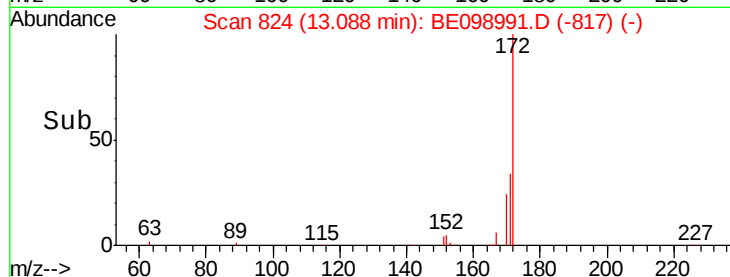
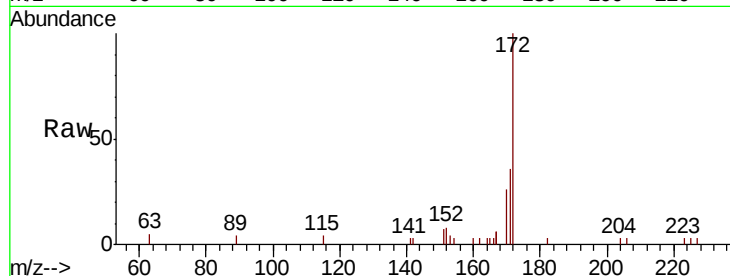




#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098991.D
Acq: 16 Mar 2019 6:47

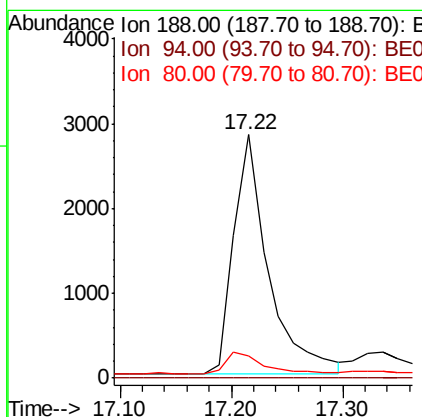
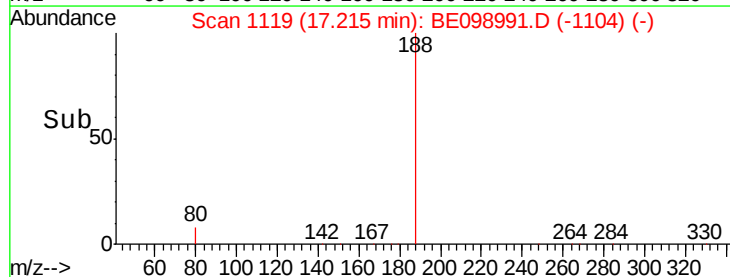
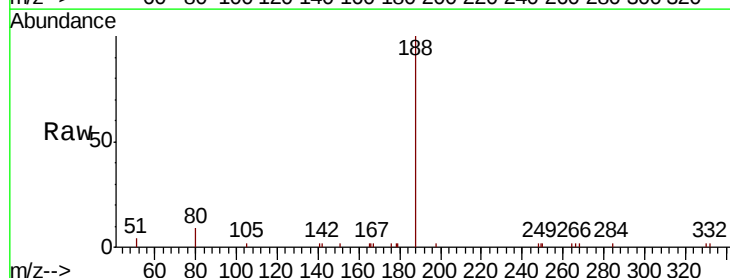
Instrument :
BNA_E
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M3-T4-UV(POST-HYPO)RE

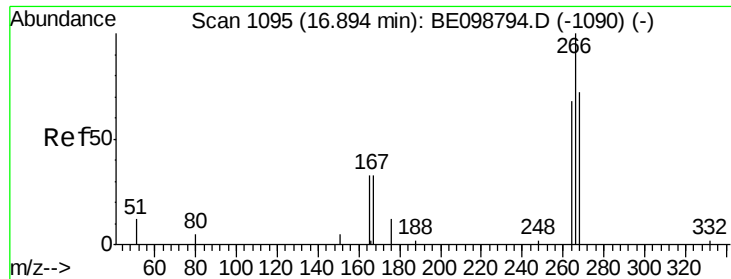
Tot Ion:172 Resp: 4763
Ion Ratio Lower Upper
172 100
171 35.9 28.0 42.0
170 25.8 17.7 26.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098991.D
Acq: 16 Mar 2019 6:47

Tgt Ion:188 Resp: 6142
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 6.3 9.5

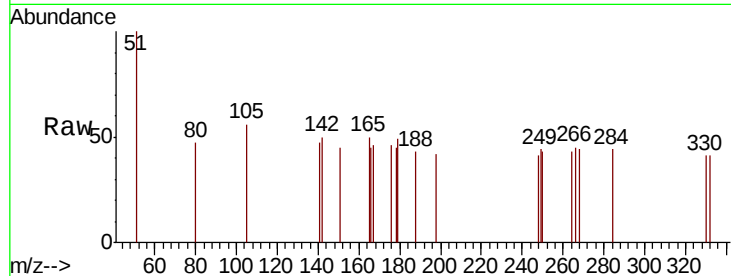




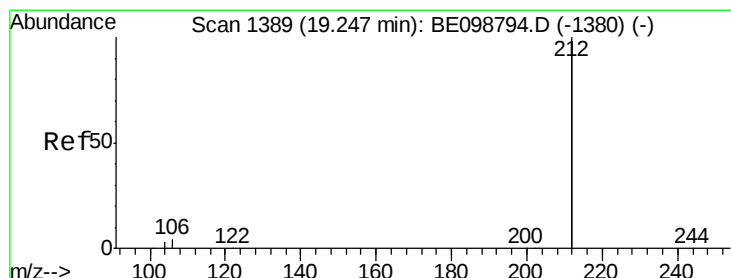
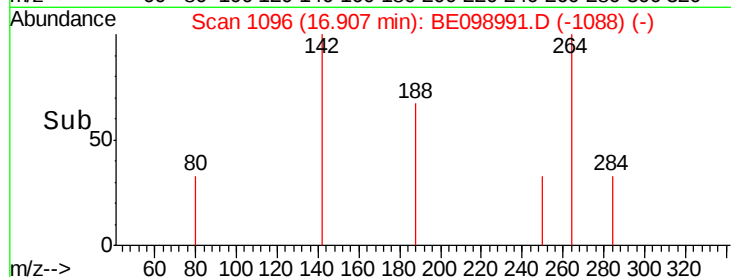
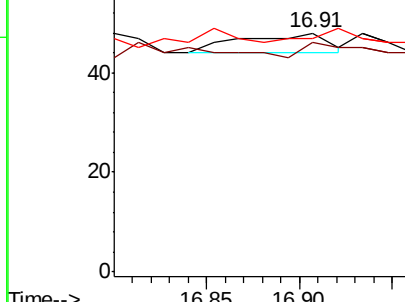
#22
 Pentachlorophenol
 Concen: 0.274 ng
 RT: 16.91 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BE098991.D
 Acq: 16 Mar 2019 6:47

Instrument :
 BNA_E
 ClientSampleId :
 M3-T4-UV(POST-HYPO)RE

Tot Ion:266 Resp: 13
 Ion Ratio Lower Upper
 266 100
 264 95.8 66.6 100.0
 268 97.9 69.8 104.8

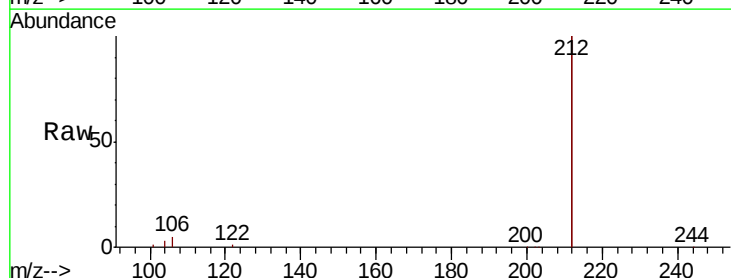


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

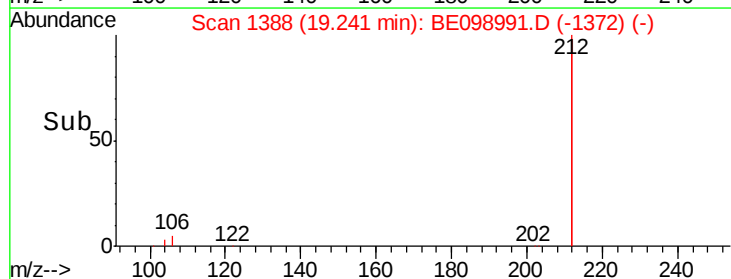
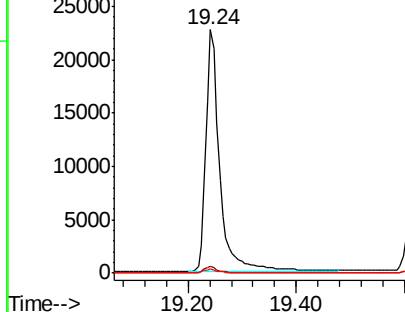


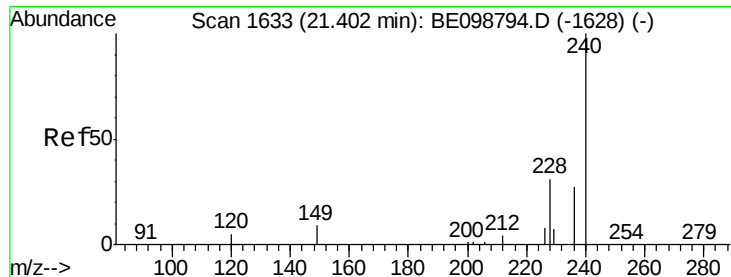
#25
 Fluoranthene-d10
 Concen: 0.407 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE098991.D
 Acq: 16 Mar 2019 6:47

Tgt Ion:212 Resp: 39902
 Ion Ratio Lower Upper
 212 100
 106 2.4 1.8 2.8
 104 1.4 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: BE098991.D

Acq: 16 Mar 2019 6:47

Instrument :

BNA_E

ClientSampleId :

M3-T4-UV(POST-HYPO)RE

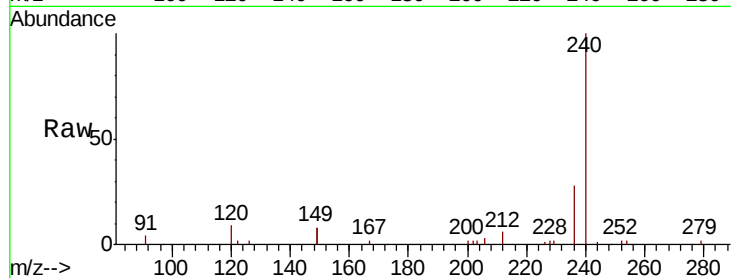
Tot Ion:240 Resp: 7234

Ion Ratio Lower Upper

240 100

120 9.4 5.0 7.4#

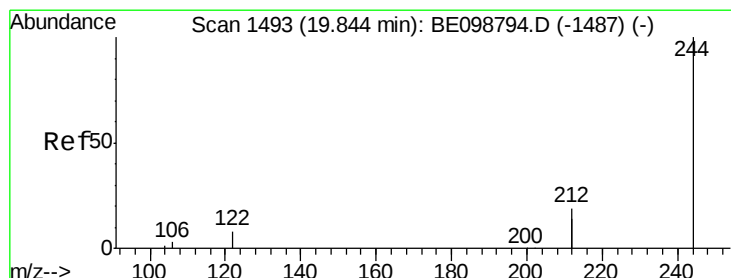
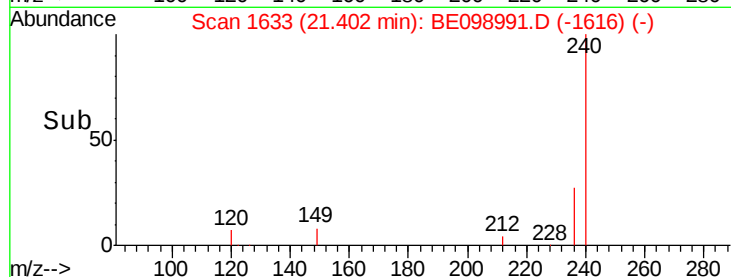
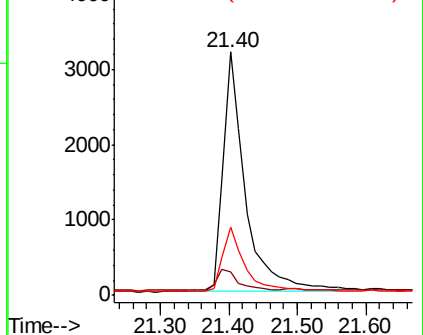
236 28.1 22.7 34.1



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: 0.437 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098991.D

Acq: 16 Mar 2019 6:47

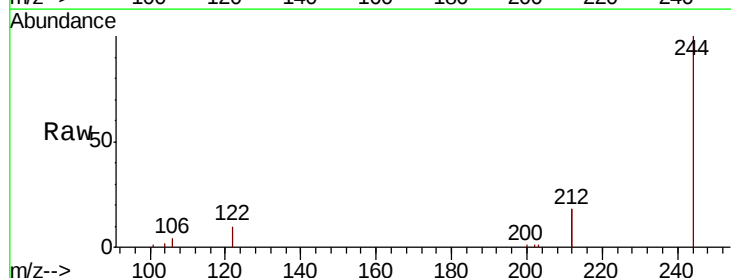
Tgt Ion:244 Resp: 7679

Ion Ratio Lower Upper

244 100

212 36.6 29.4 44.2

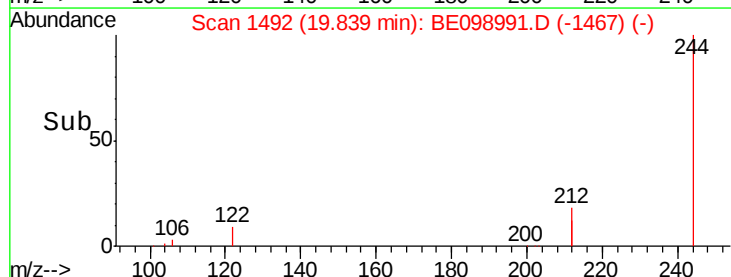
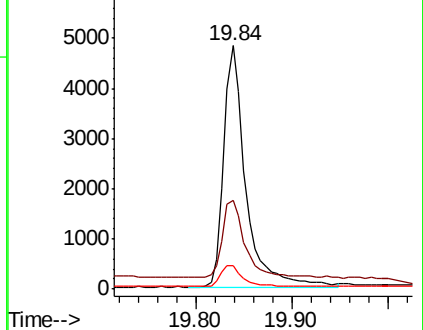
122 9.6 7.1 10.7

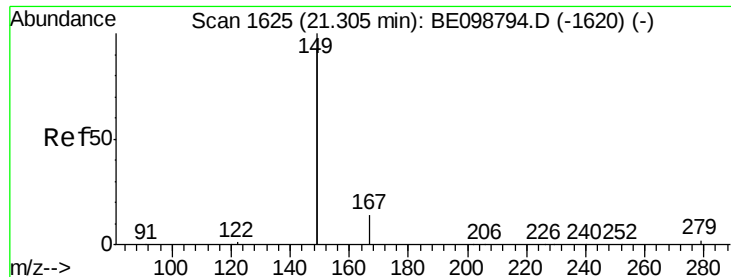


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.133 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098991.D

Acq: 16 Mar 2019 6:47

Instrument :

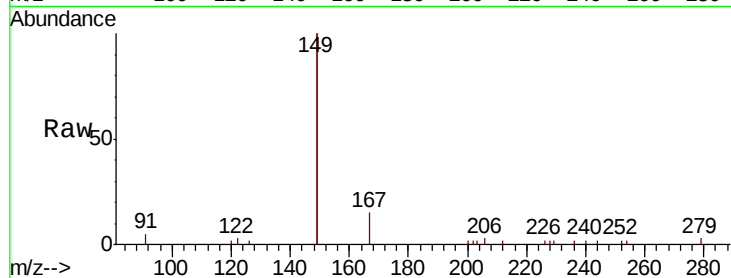
BNA_E

ClientSampleId :

M3-T4-UV(POST-HYPO)RE

Tot Ion:149 Resp: 6390

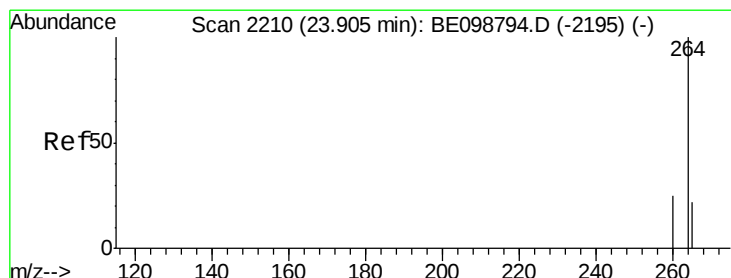
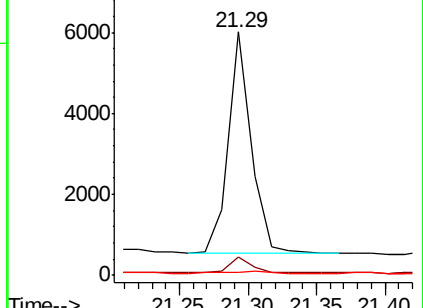
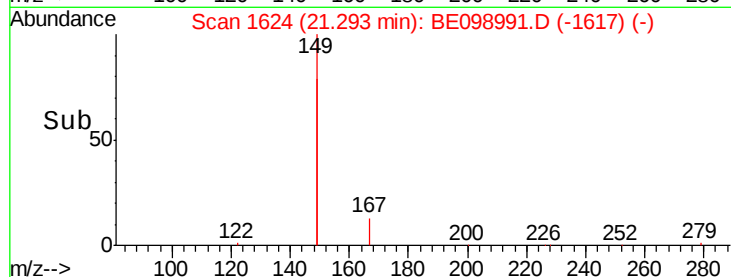
Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.0
279	1.3	1.0	1.4



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# 2209

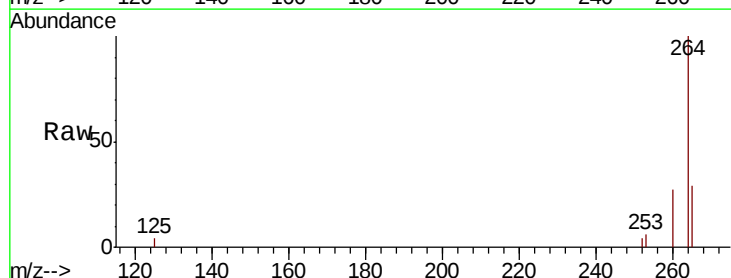
Delta R.T. -0.00 min

Lab File: BE098991.D

Acq: 16 Mar 2019 6:47

Tgt Ion:264 Resp: 6584

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.2	31.8
265	29.0	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

