

Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE030619\
 Data File : BE098808.D
 Acq On : 6 Mar 2019 21:16
 Operator : JU/SJ
 Sample : K1655-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A0C1-TWP

Quant Time: Mar 12 12:28:27 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

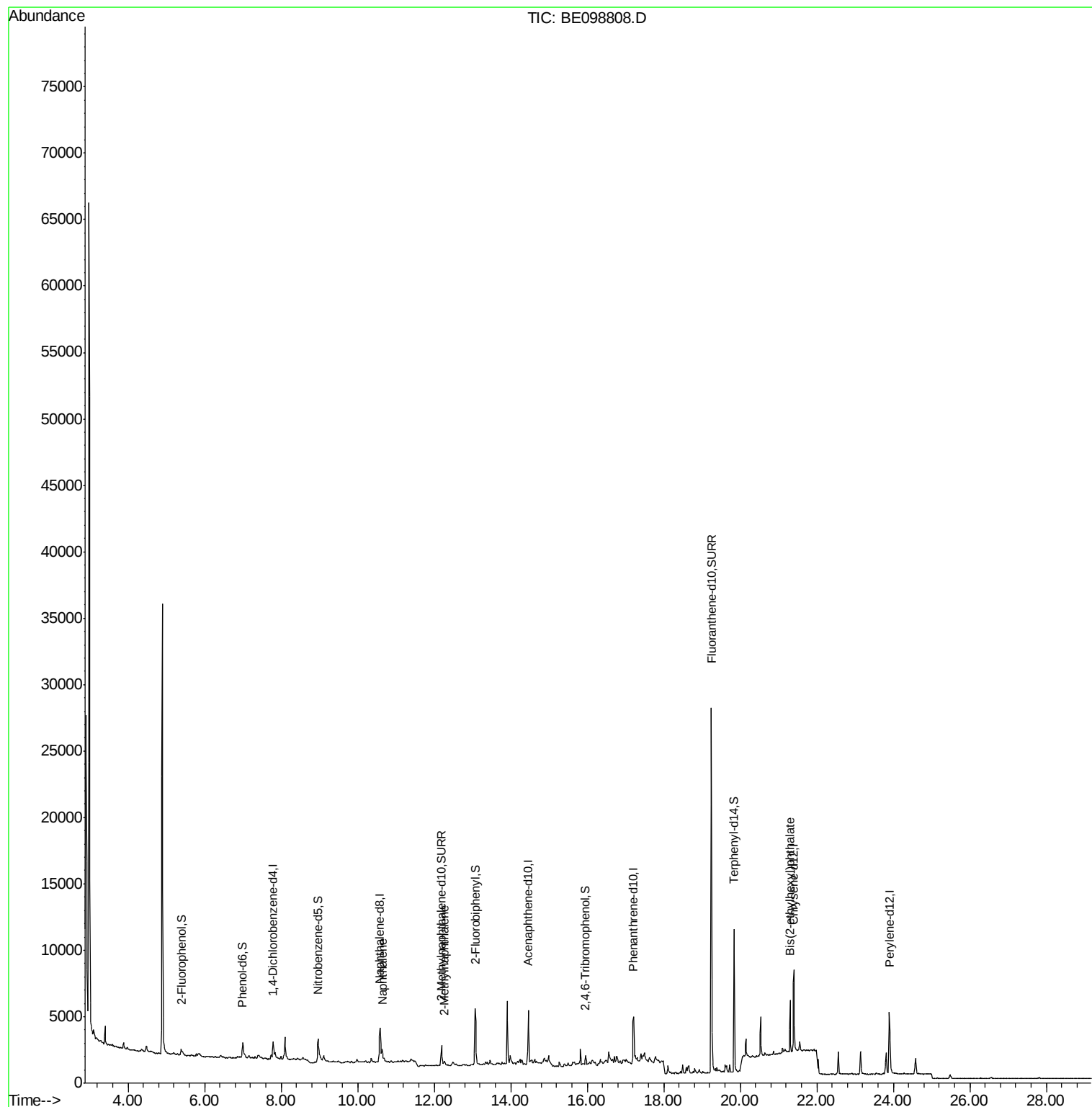
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	872	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3529	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2318	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6146	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7778	0.40	ng	0.00
34) Perylene-d12	23.90	264	7646	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	312	0.12	ng	0.00
5) Phenol-d6	6.98	99	334	0.09	ng	0.00
8) Nitrobenzene-d5	8.96	82	1145	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2520	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	419	0.36	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	5041	0.53	ng	-0.01
25) Fluoranthene-d10	19.24	212	39310	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	9995	0.53	ng	0.00
Target Compounds						
9) Naphthalene	10.64	128	1626	0.040	ng	# 84
12) 2-Methylnaphthalene	12.27	142	303	0.046	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.30	149	4196	0.081	ng	# 99

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

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BNA_E
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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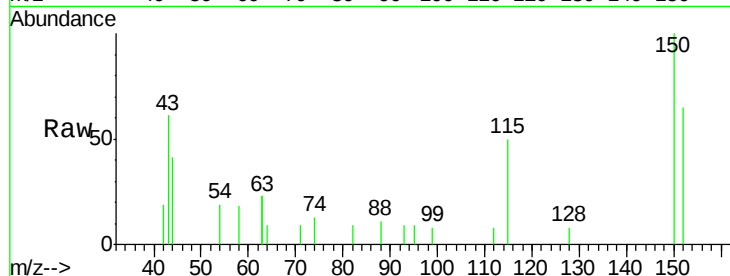


#1

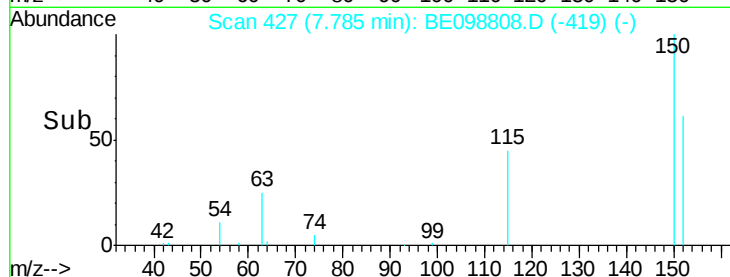
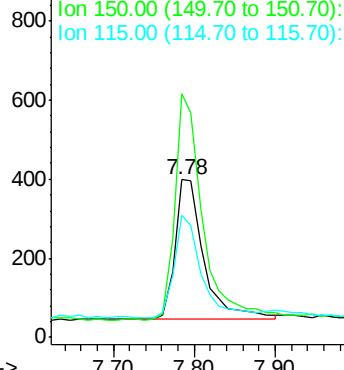
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE098808.D
Acq: 6 Mar 2019 21:16

Instrument :
BNA_E
ClientSampleId :
A0C1-TWP

Tot Ion:152 Resp: 872
Ion Ratio Lower Upper
152 100
150 154.8 122.5 183.7
115 77.6 57.4 86.2



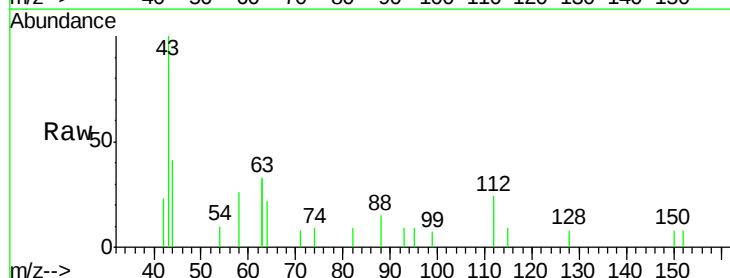
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



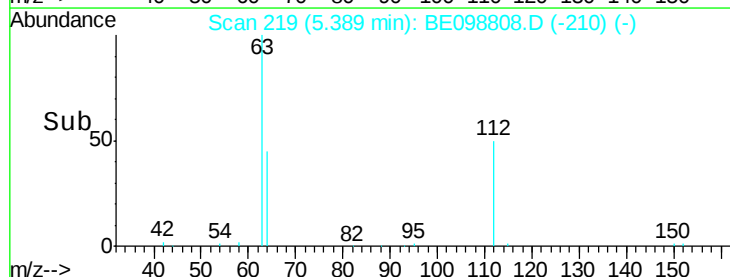
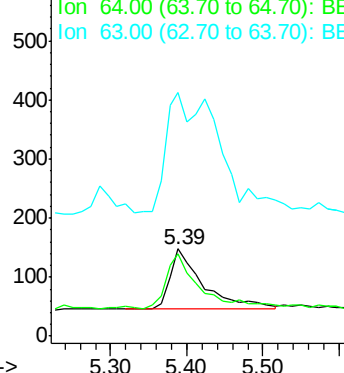
#4

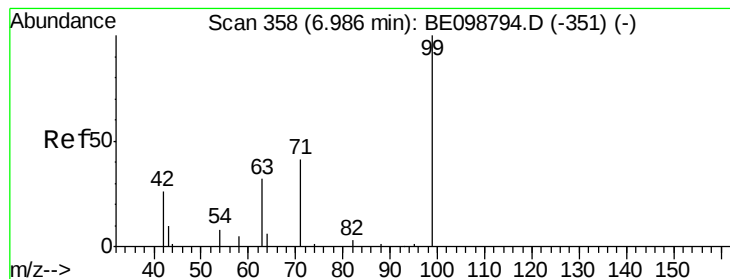
2-Fluorophenol
Concen: 0.120 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE098808.D
Acq: 6 Mar 2019 21:16

Tgt Ion:112 Resp: 312
Ion Ratio Lower Upper
112 100
64 95.2 57.9 86.9#
63 131.1 158.3 237.5#



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





#5

Phenol-d6

Concen: 0.091 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

Instrument :

BNA_E

ClientSampleId :

A0C1-TWP

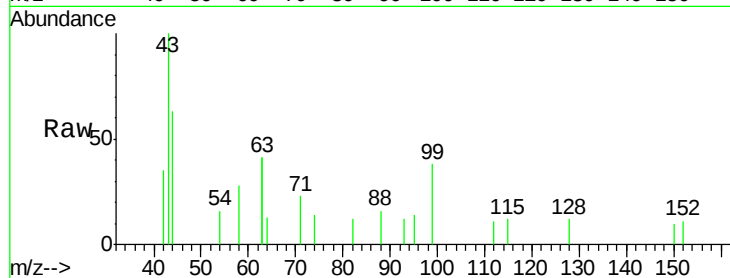
Tot Ion: 99 Resp: 334

Ion Ratio Lower Upper

99 100

42 65.3 24.2 36.2#

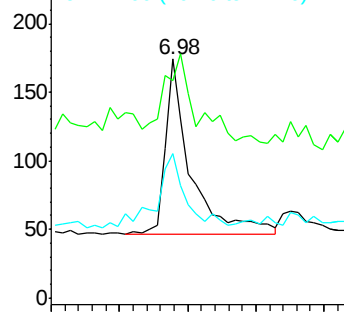
71 45.2 35.7 53.5



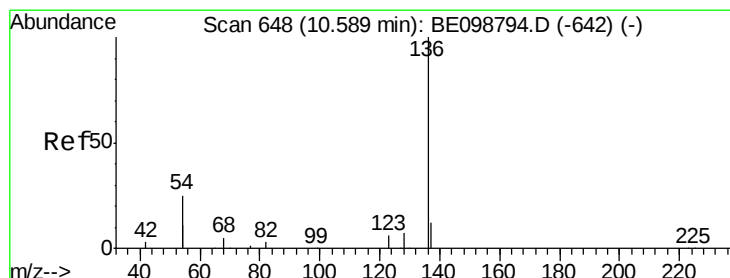
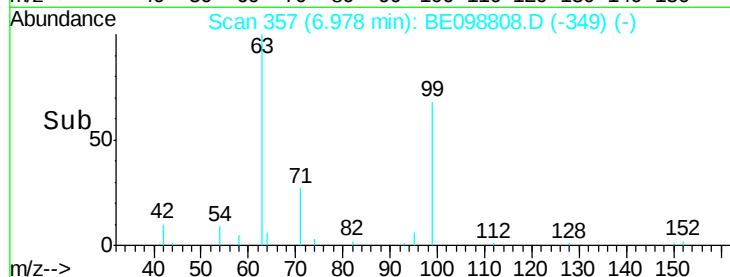
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.80 6.90 7.00 7.10 7.20



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

Tgt Ion:136 Resp: 3529

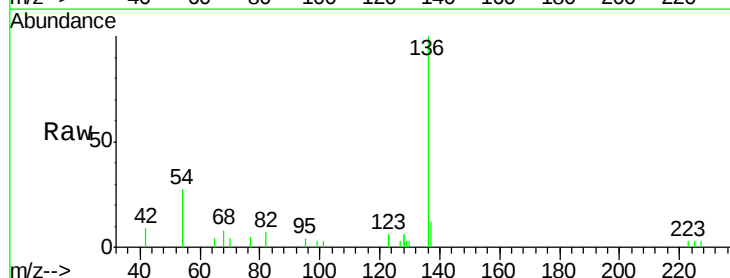
Ion Ratio Lower Upper

136 100

137 12.1 11.4 17.0

54 54.2 39.3 58.9

68 8.1 6.7 10.1

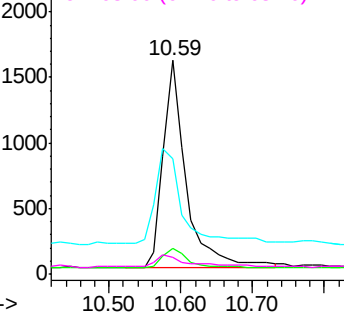


Abundance Ion 136.00 (135.70 to 136.70): E

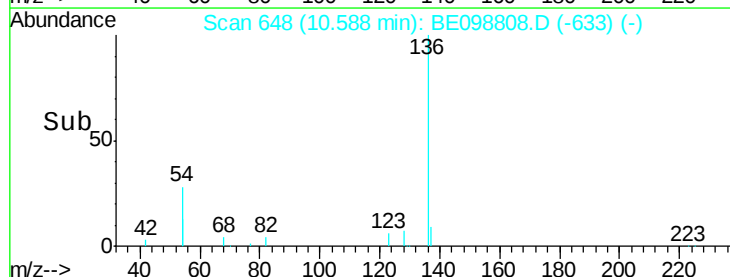
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.50 10.60 10.70

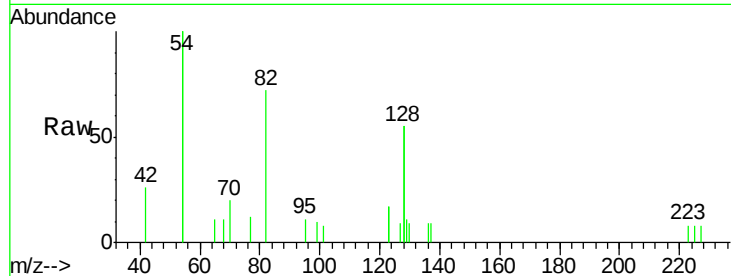




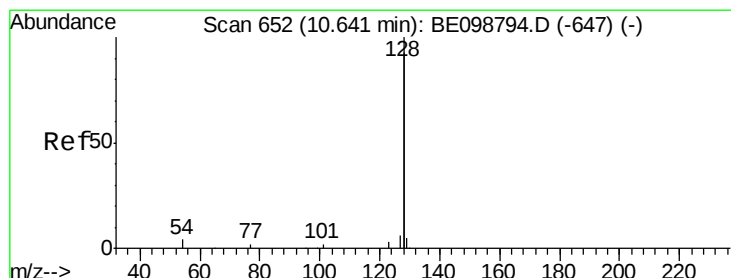
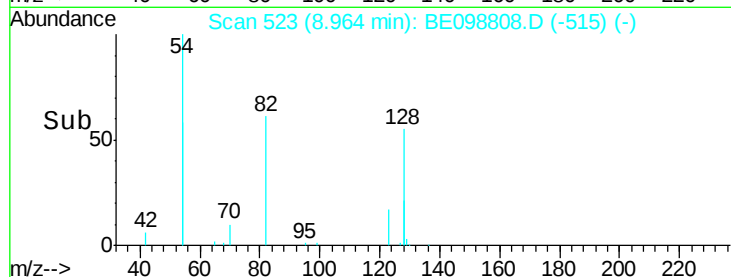
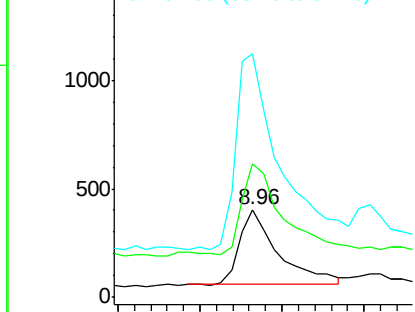
#8
 Nitrobenzene-d5
 Concen: 0.309 ng
 RT: 8.96 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BE098808.D
 Acq: 6 Mar 2019 21:16

Instrument :
 BNA_E
 ClientSampleId :
 A0C1-TWP

Tot Ion	82	Resp	1145
Ion Ratio	Lower	Upper	
82	100		
128	152.9	123.8	185.8
54	278.4	203.4	305.2

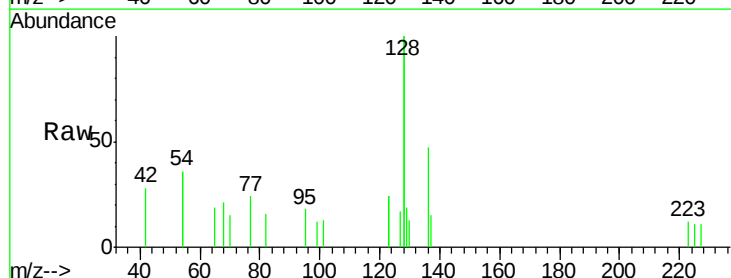


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

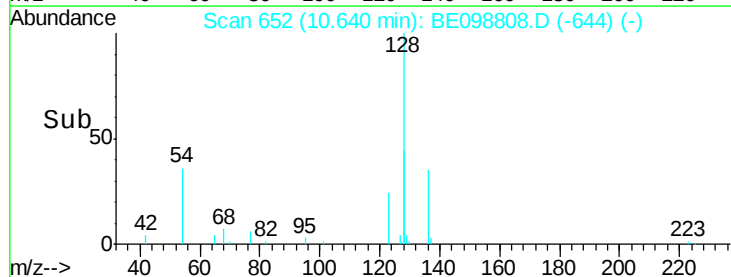
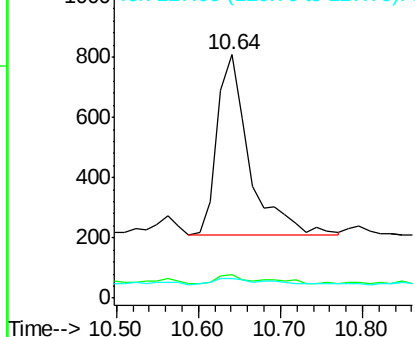


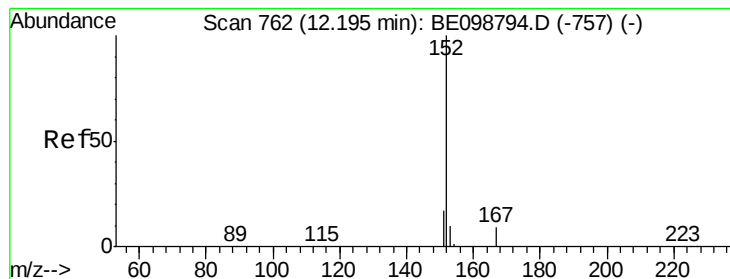
#9
 Naphthalene
 Concen: 0.040 ng
 RT: 10.64 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BE098808.D
 Acq: 6 Mar 2019 21:16

Tgt Ion	128	Resp	1626
Ion Ratio	Lower	Upper	
128	100		
129	9.4	2.6	4.0#
127	8.3	3.1	4.7#



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

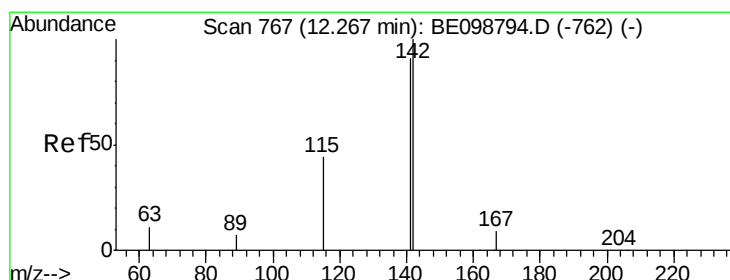
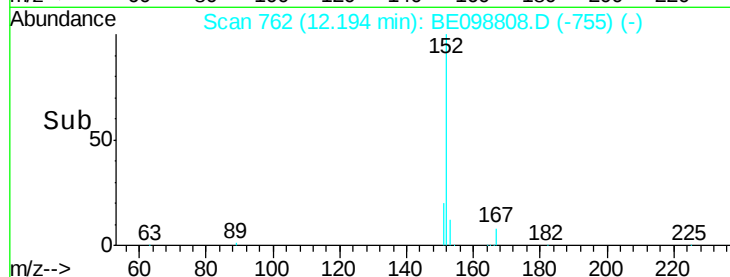
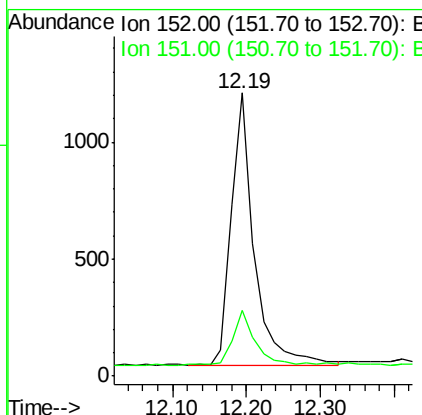
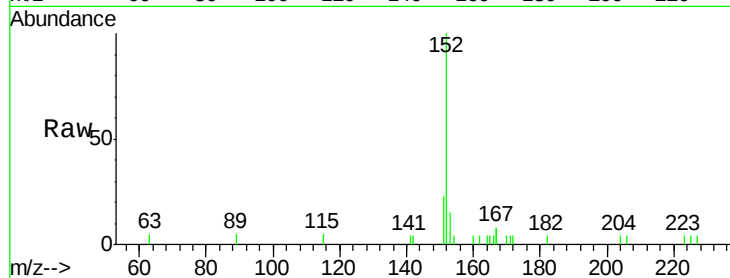




#11
 2-Methylnaphthalene-d10
 Concen: 0.386 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE098808.D
 Acq: 6 Mar 2019 21:16

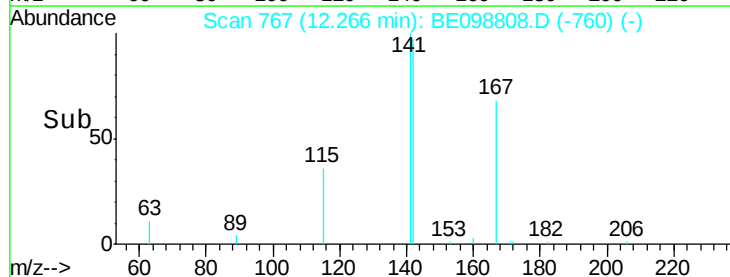
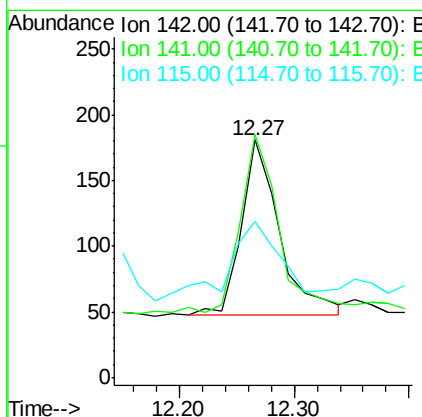
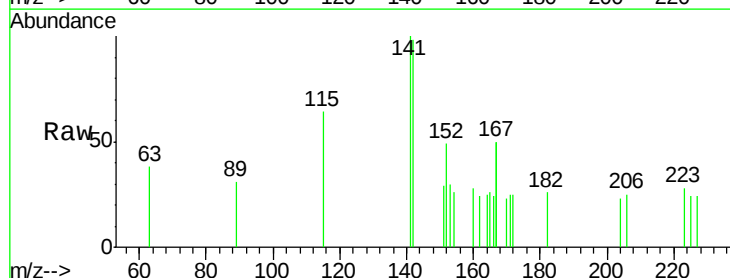
Instrument :
 BNA_E
 ClientSampleId :
 A0C1-TWP

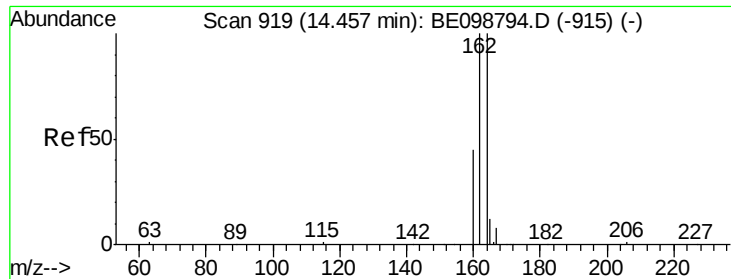
Tot Ion:152 Resp: 2520
 Ion Ratio Lower Upper
 152 100
 151 19.2 16.5 24.7



#12
 2-Methylnaphthalene
 Concen: 0.046 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098808.D
 Acq: 6 Mar 2019 21:16

Tgt Ion:142 Resp: 303
 Ion Ratio Lower Upper
 142 100
 141 102.2 72.6 108.8
 115 65.7 37.4 56.2#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

Instrument :

BNA_E

ClientSampleId :

A0C1-TWP

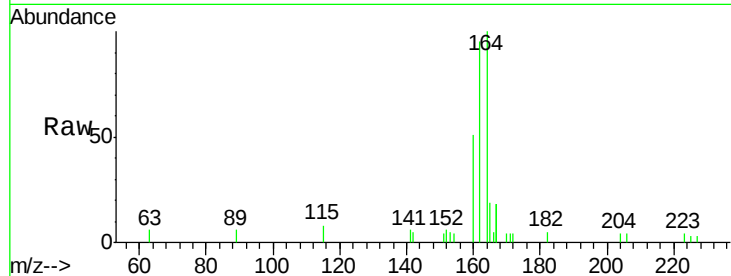
Tot Ion:164 Resp: 2318

Ion Ratio Lower Upper

164 100

162 95.5 80.2 120.2

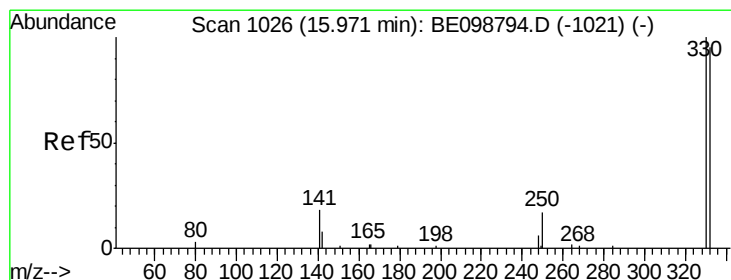
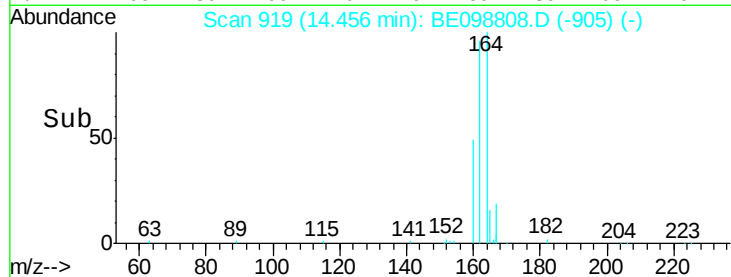
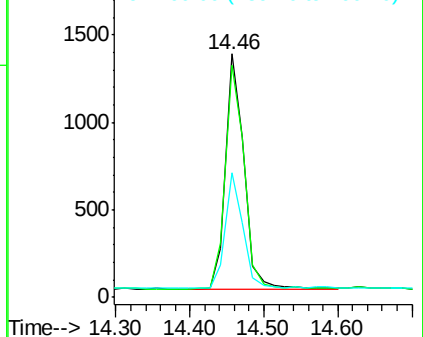
160 51.4 37.8 56.8



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: 0.358 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

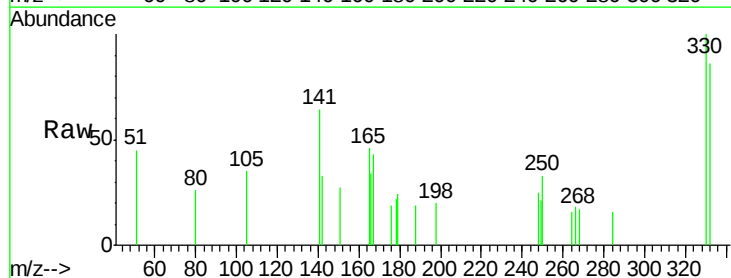
Tgt Ion:330 Resp: 419

Ion Ratio Lower Upper

330 100

332 96.9 77.6 116.4

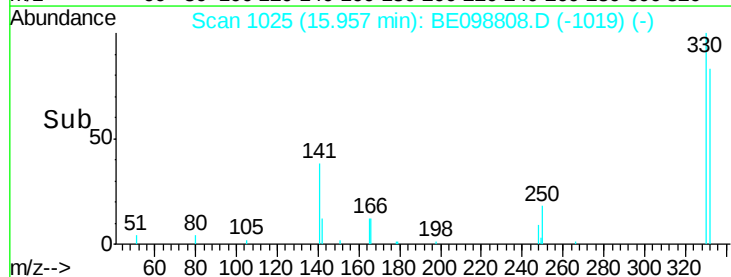
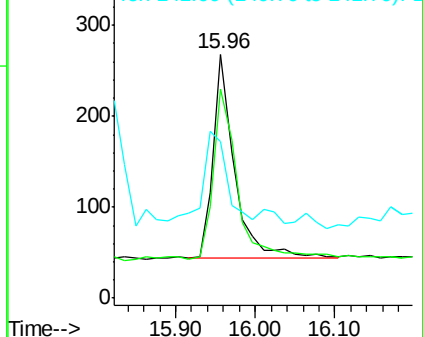
141 43.0 31.0 46.4

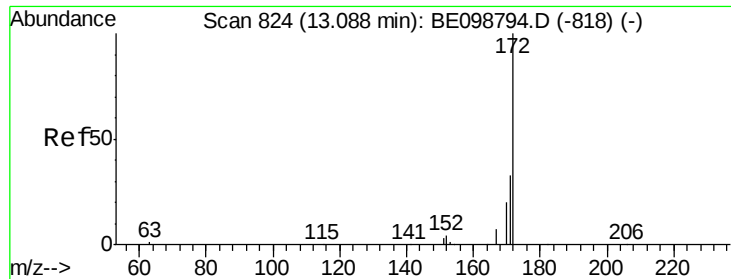


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

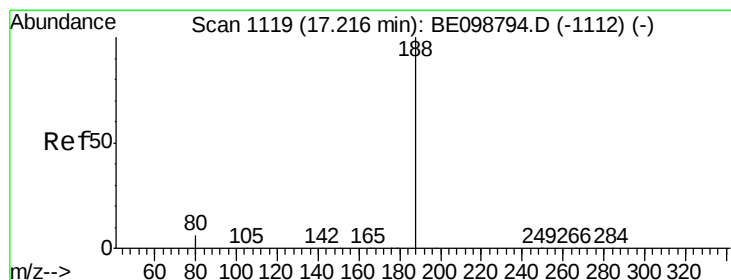
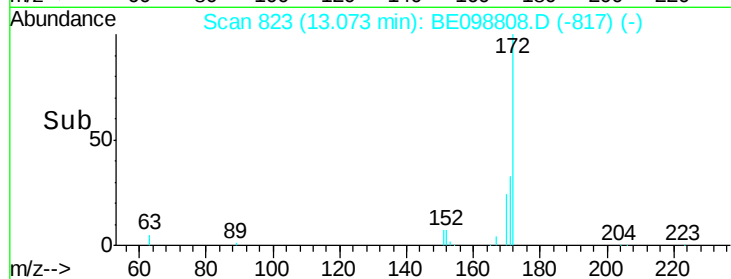
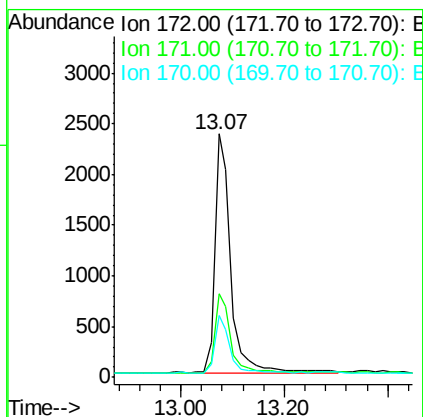
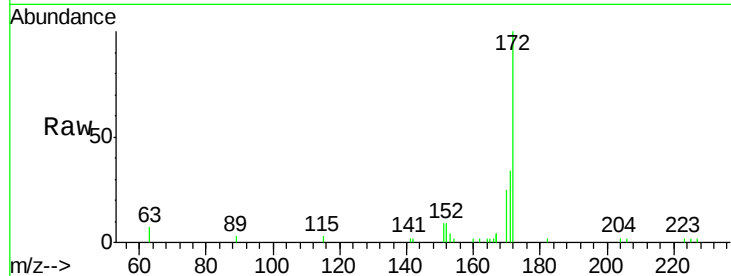




#15
2-Fluorobiphenyl
Concen: 0.525 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098808.D
Acq: 6 Mar 2019 21:16

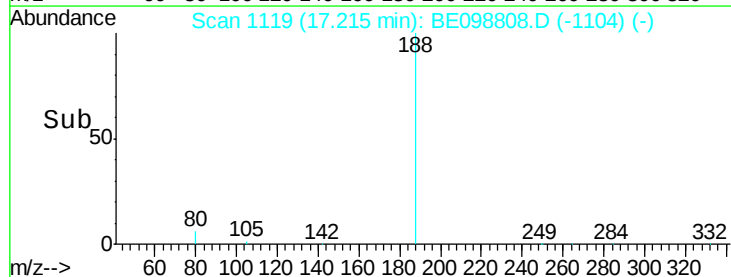
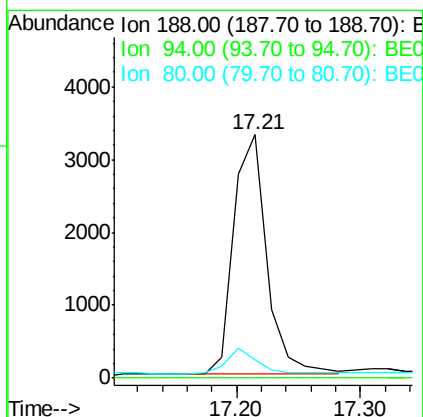
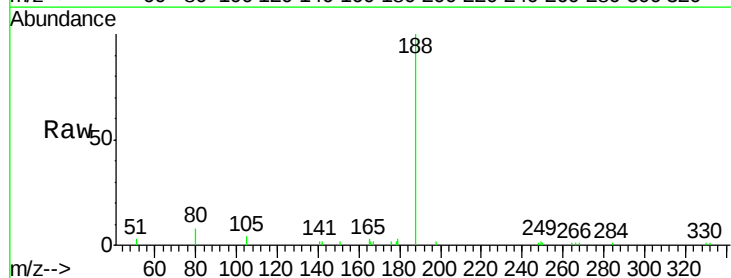
Instrument :
BNA_E
ClientSampleId :
A0C1-TWP

Tot Ion:172 Resp: 5041
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 25.3 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: BE098808.D
Acq: 6 Mar 2019 21:16

Tgt Ion:188 Resp: 6146
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 6.3 9.5





#25

Fluoranthene-d10

Concen: 0.401 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

Instrument :

BNA_E

ClientSampleId :

A0C1-TWP

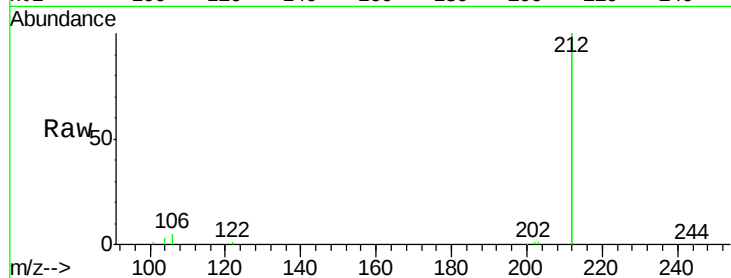
Tot Ion:212 Resp: 39310

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

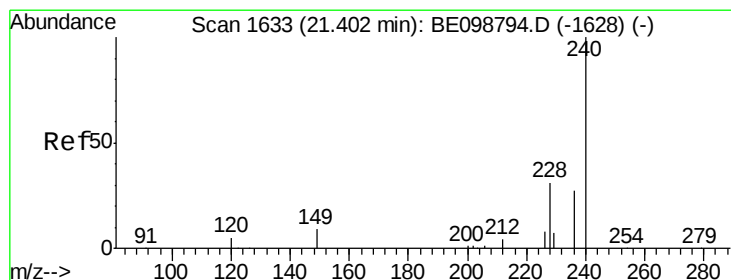
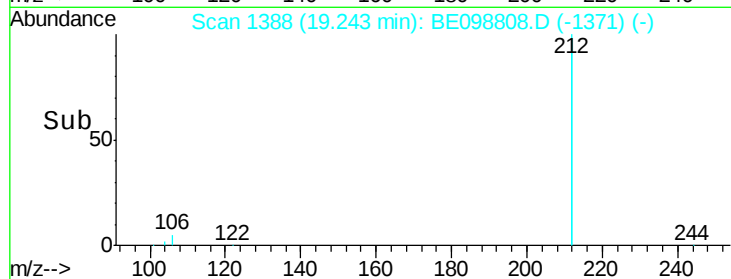
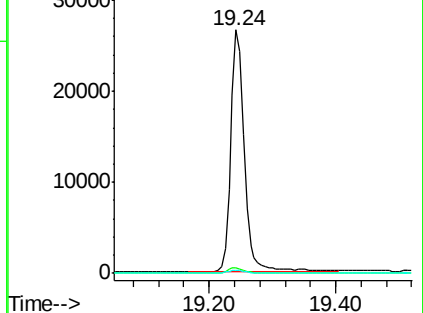
104 1.4 1.0 1.6



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# 1632

Delta R.T. -0.00 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

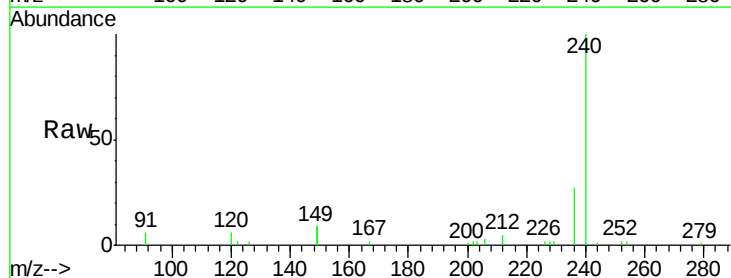
Tgt Ion:240 Resp: 7778

Ion Ratio Lower Upper

240 100

120 5.9 5.0 7.4

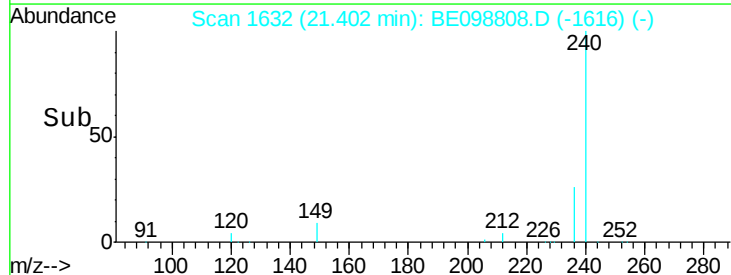
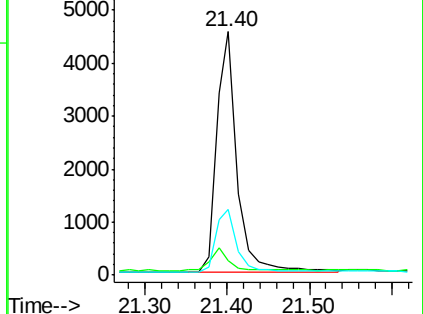
236 27.1 22.7 34.1



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: 0.529 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

Instrument :

BNA_E

ClientSampleId :

A0C1-TWP

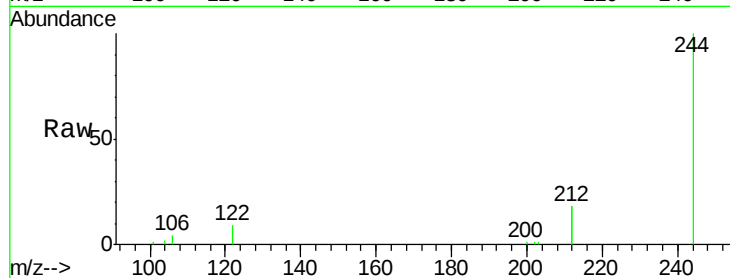
Tot Ion:244 Resp: 9995

Ion Ratio Lower Upper

244 100

212 36.9 29.4 44.2

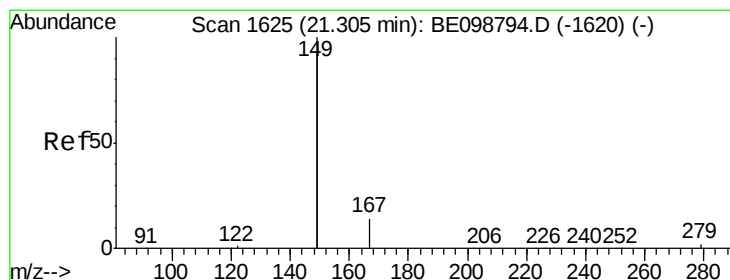
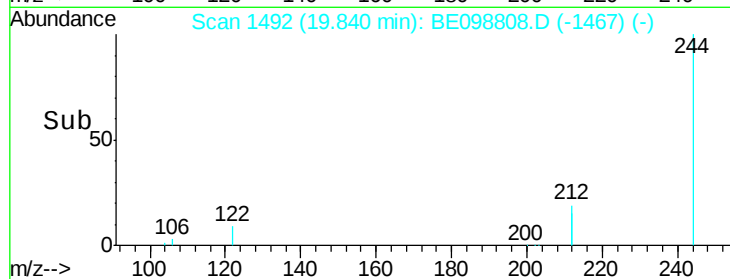
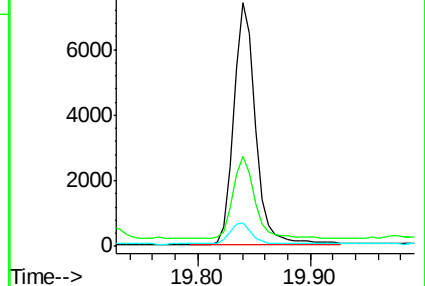
122 9.4 7.1 10.7



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: 0.081 ng

RT: 21.30 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

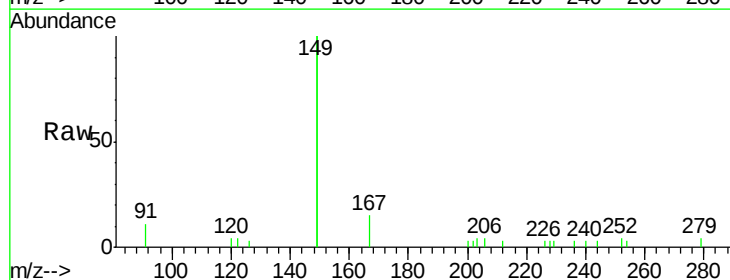
Tgt Ion:149 Resp: 4196

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

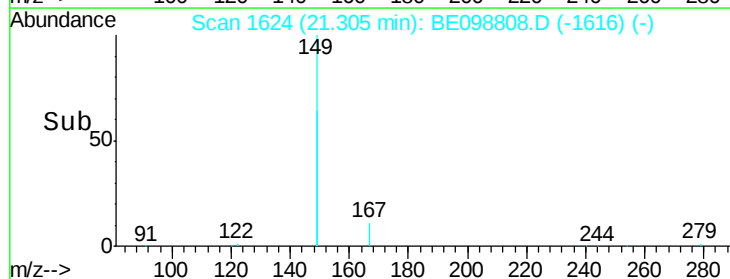
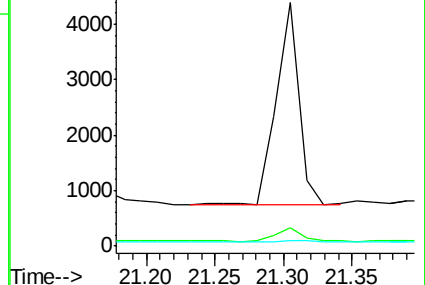
279 1.5 1.0 1.4#

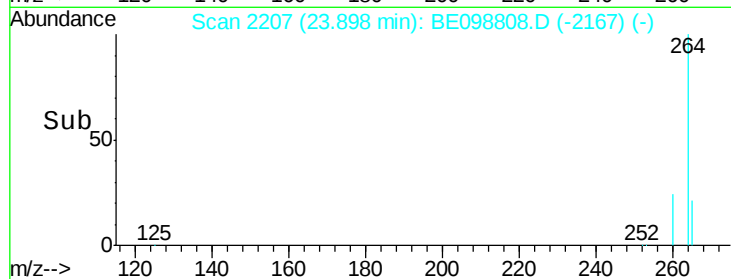
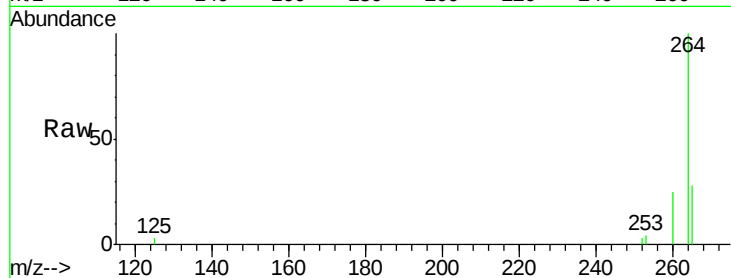


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BE098808.D
 Acq: 6 Mar 2019 21:16

Instrument :
 BNA_E
 ClientSampleId :
 A0C1-TWP

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.2	31.8
265	27.8	24.6	36.8

