

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099026.D
 Acq On : 19 Mar 2019 7:16
 Operator : JU/SJ
 Sample : K1945-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M4-T3-UV(POST)

Quant Time: Mar 19 08:53:07 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

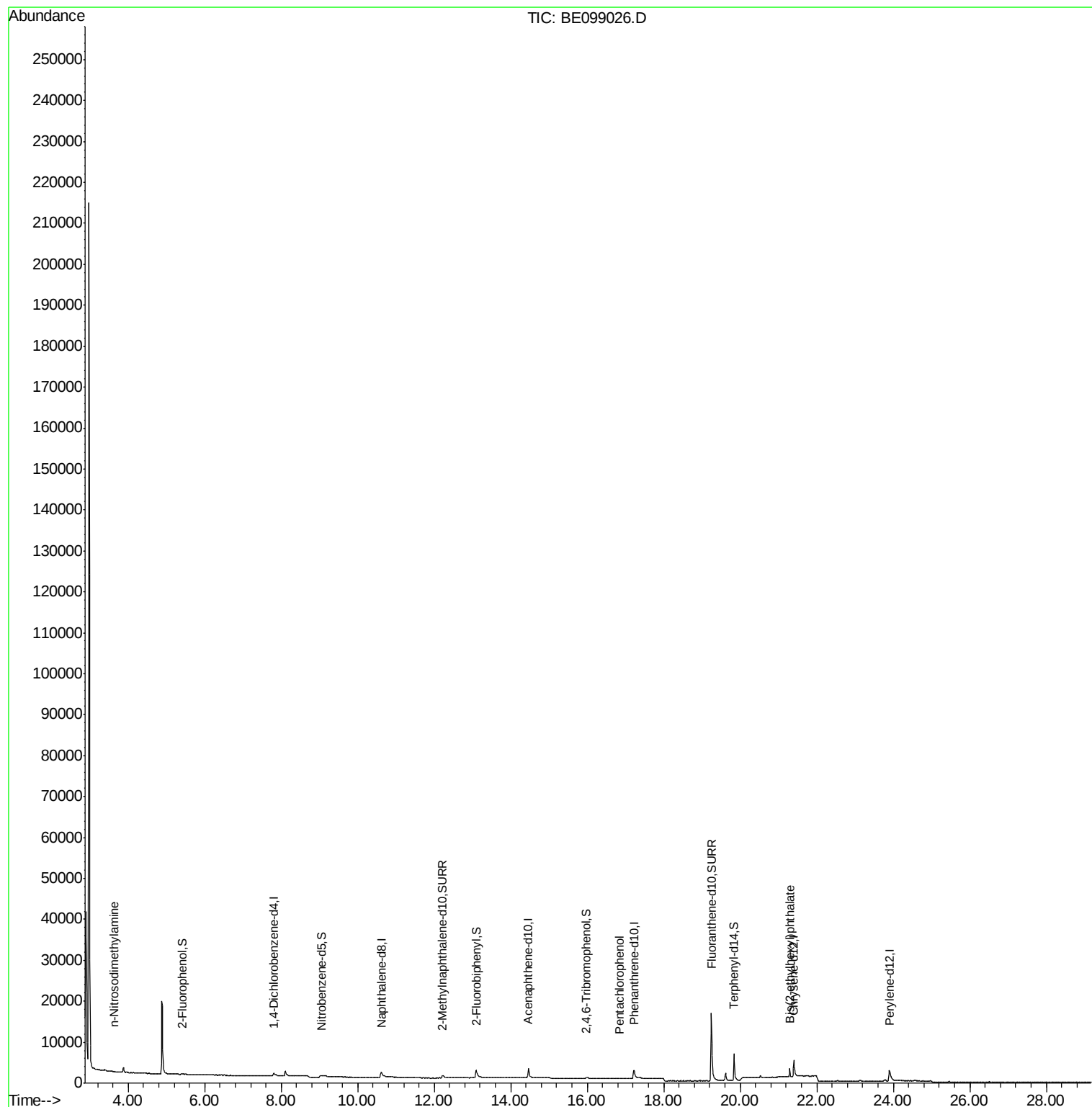
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	678	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	3366	0.40	ng	0.03
13) Acenaphthene-d10	14.46	164	2520	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5423	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6640	0.40	ng	0.00
34) Perylene-d12	23.90	264	6011	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	248	0.12	ng	0.02
5) Phenol-d6	7.00	99	7	0.00	ng	0.01
8) Nitrobenzene-d5	9.06	82	952	0.27	ng	0.09
11) 2-Methylnaphthalene-d10	12.22	152	2354	0.38	ng	0.03
14) 2,4,6-Tribromophenol	15.98	330	331	0.26	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	4811	0.46	ng	0.01
25) Fluoranthene-d10	19.24	212	33893	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	7683	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.32	88	17	Below Cal	Qvalue #	1
3) n-Nitrosodimethylamine	3.62	42	40	0.023 ng	#	14
22) Pentachlorophenol	16.84	266	3	0.267 ng		89
32) Bis(2-ethylhexyl)phthalate	21.29	149	2455	0.056 ng		98

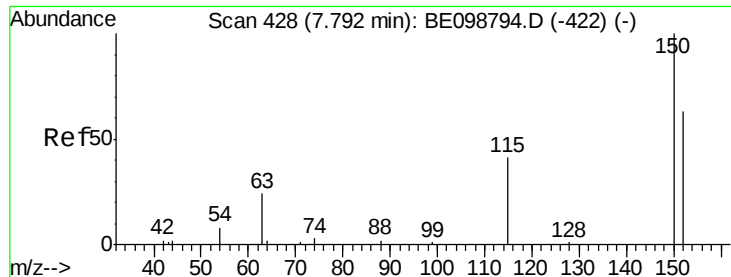
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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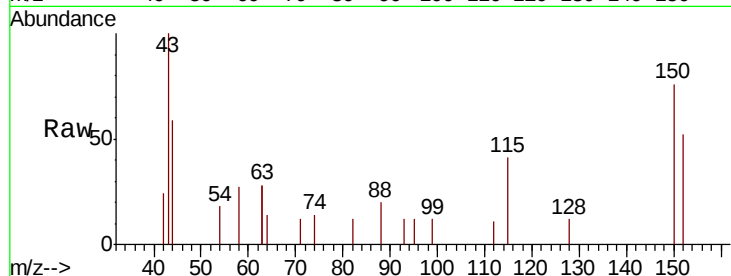


#1

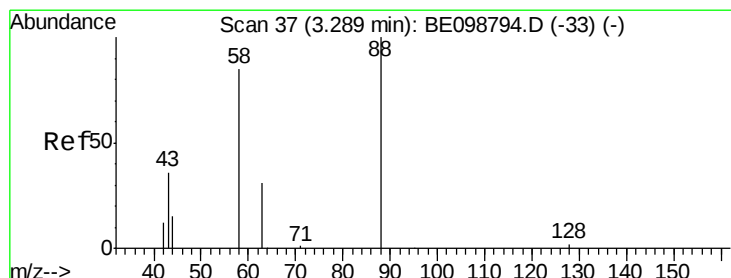
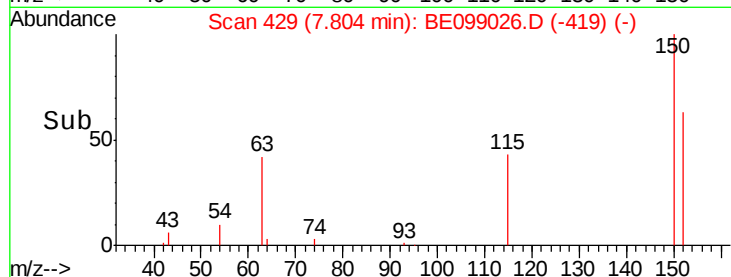
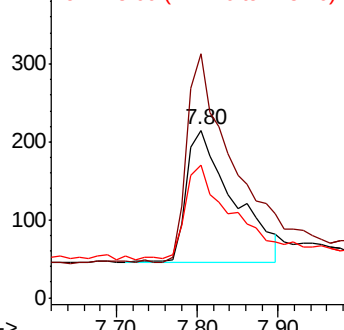
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE099026.D
Acq: 19 Mar 2019 7:16

Instrument :
BNA_E
ClientSampleId :
M4-T3-UV(POST)

Tgt Ion: 152 Resp: 678
Ion Ratio Lower Upper
152 100
150 145.6 122.5 183.7
115 79.1 57.4 86.2



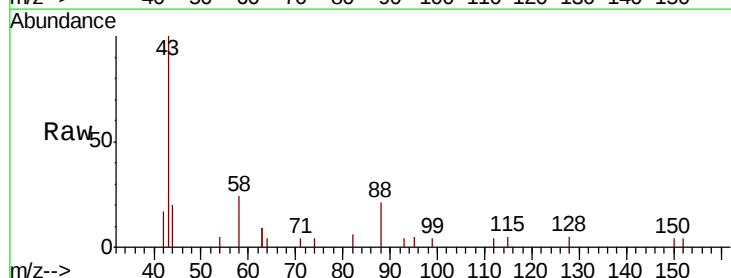
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



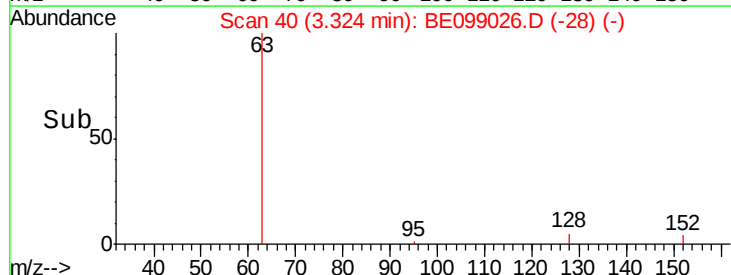
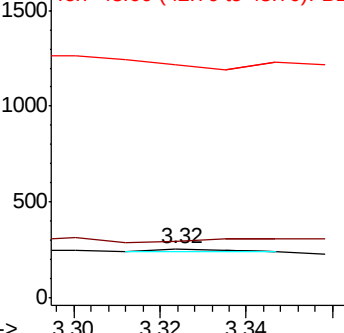
#2

1,4-Dioxane
Concen: Below Cal
RT: 3.32 min Scan# 40
Delta R.T. 0.04 min
Lab File: BE099026.D
Acq: 19 Mar 2019 7:16

Tgt Ion: 88 Resp: 17
Ion Ratio Lower Upper
88 100
58 217.6 75.8 113.6#
43 0.0 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





#3

n-Nitrosodimethylamine

Concen: 0.023 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.00 min

Lab File: BE099026.D

Acq: 19 Mar 2019 7:16

Instrument :

BNA_E

ClientSampleId :

M4-T3-UV(POST)

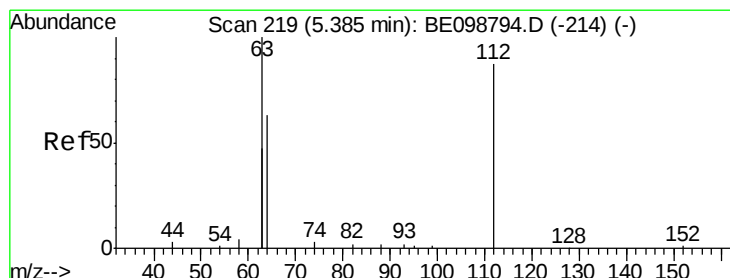
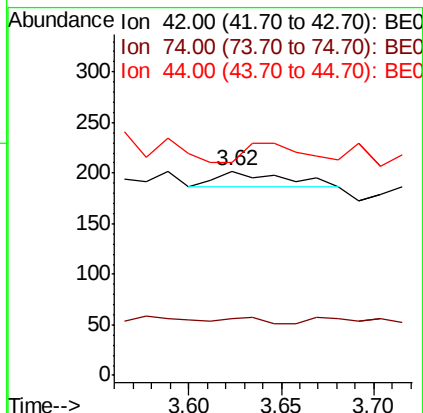
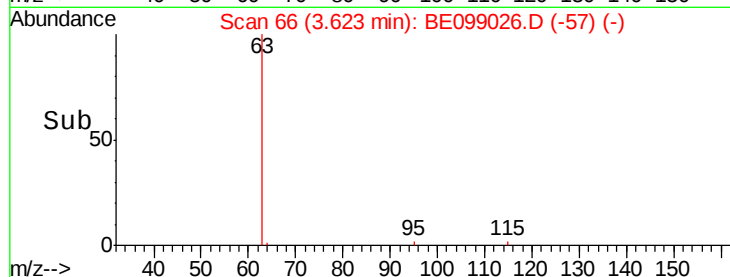
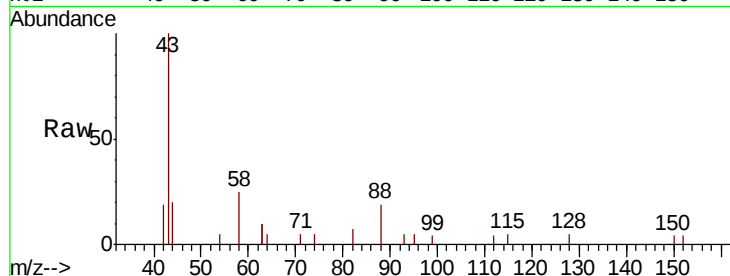
Tgt Ion: 42 Resp: 40

Ion Ratio Lower Upper

42 100

74 0.0 57.0 85.4#

44 110.0 0.0 0.0#



#4

2-Fluorophenol

Concen: 0.122 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE099026.D

Acq: 19 Mar 2019 7:16

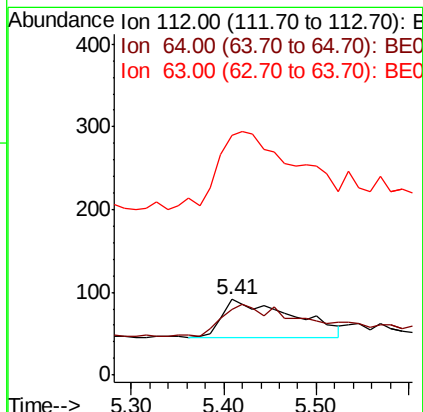
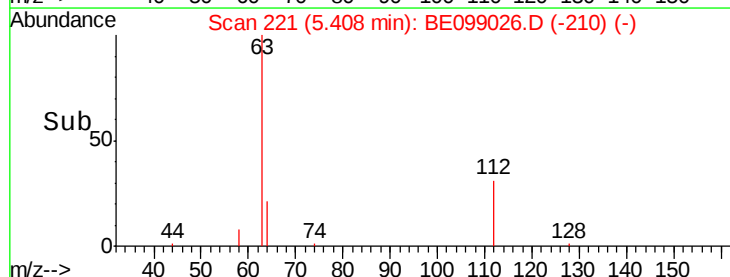
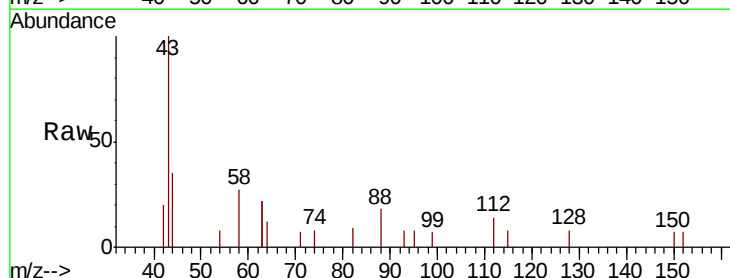
Tgt Ion: 112 Resp: 248

Ion Ratio Lower Upper

112 100

64 127.4 57.9 86.9#

63 226.2 158.3 237.5





#5

Phenol-d6

Concen: 0.002 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE099026.D

Acq: 19 Mar 2019 7:16

Instrument :

BNA_E

ClientSampled :

M4-T3-UV(POST)

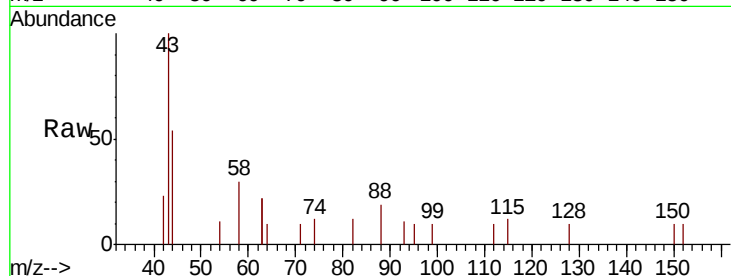
Tgt Ion: 99 Resp: 7

Ion Ratio Lower Upper

99 100

42 0.0 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

150

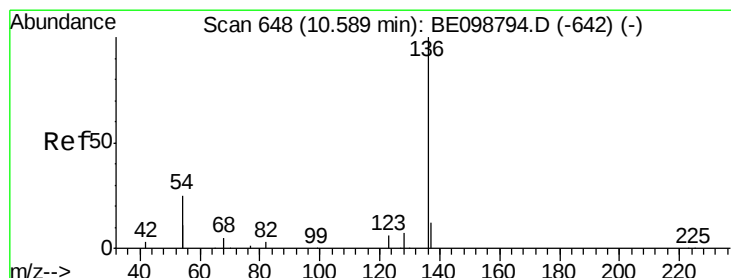
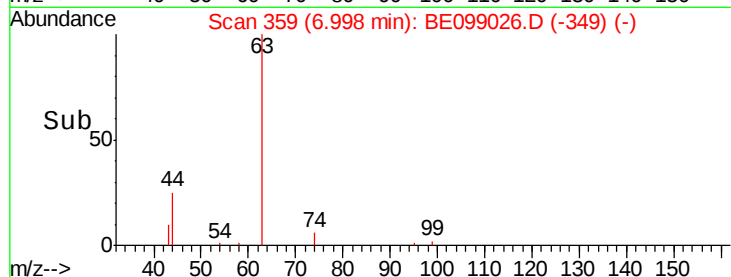
100

50

7.00

0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.03 min

Lab File: BE099026.D

Acq: 19 Mar 2019 7:16

Tgt Ion: 136 Resp: 3366

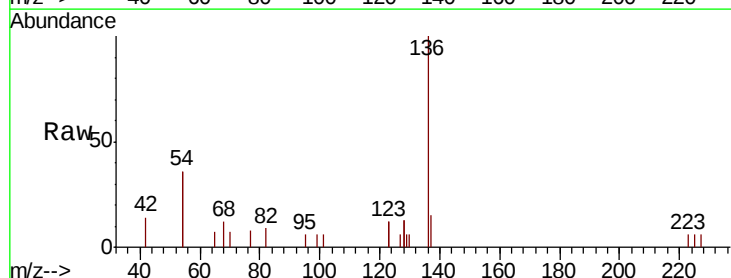
Ion Ratio Lower Upper

136 100

137 14.5 11.4 17.0

54 71.7 39.3 58.9#

68 12.1 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

1200

1000

800

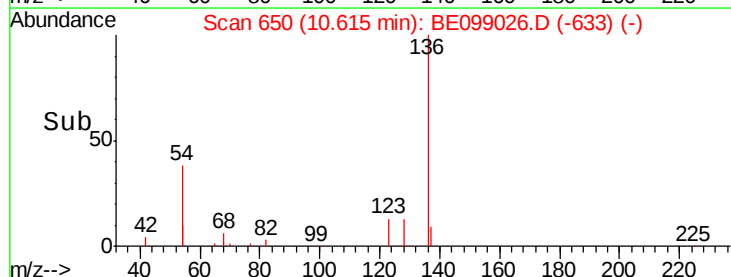
600

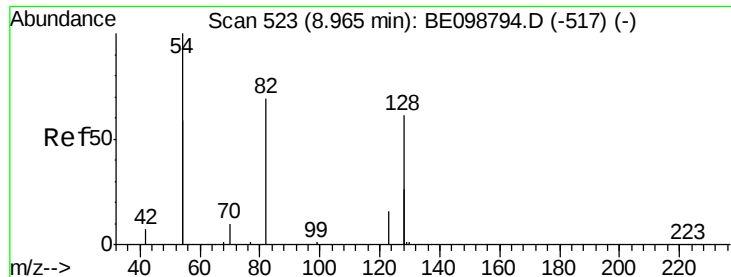
400

200

0

Time-->





#8

Nitrobenzene-d5

Concen: 0.270 ng

RT: 9.06 min Scan# 530

Delta R.T. 0.09 min

Lab File: BE099026.D

Acq: 19 Mar 2019 7:16

Instrument :

BNA_E

ClientSampleId :

M4-T3-UV(POST)

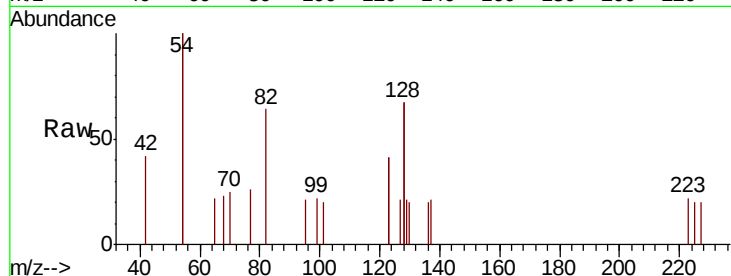
Tgt Ion: 82 Resp: 952

Ion Ratio Lower Upper

82 100

128 206.9 123.8 185.8#

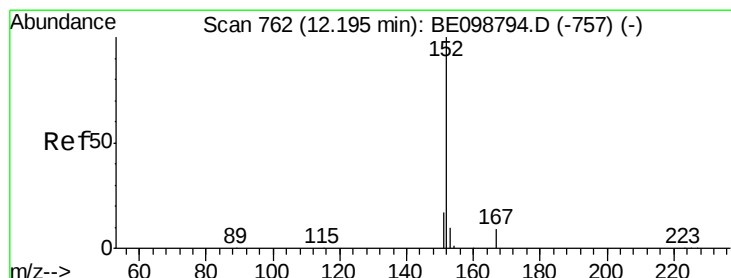
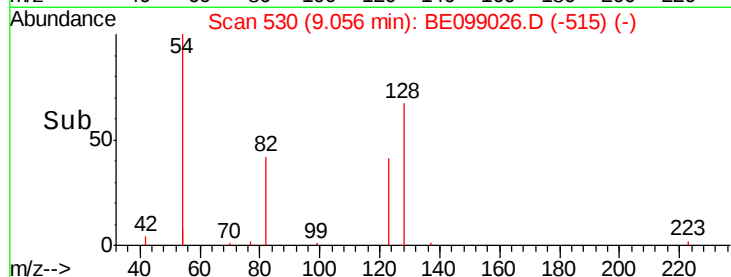
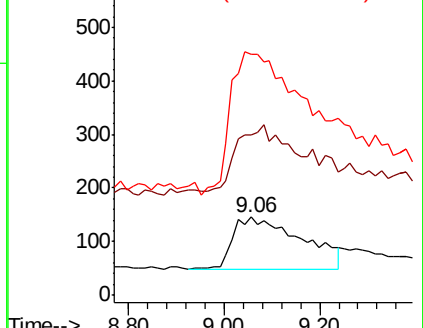
54 310.3 203.4 305.2#



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: 0.378 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.03 min

Lab File: BE099026.D

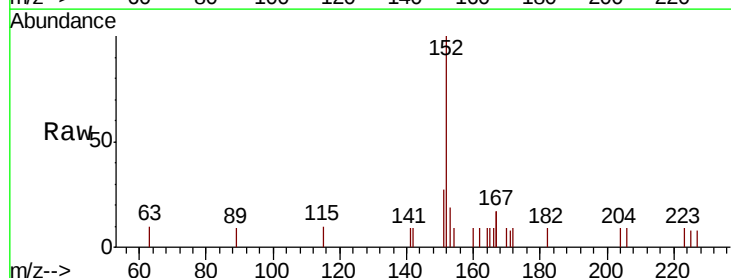
Acq: 19 Mar 2019 7:16

Tgt Ion: 152 Resp: 2354

Ion Ratio Lower Upper

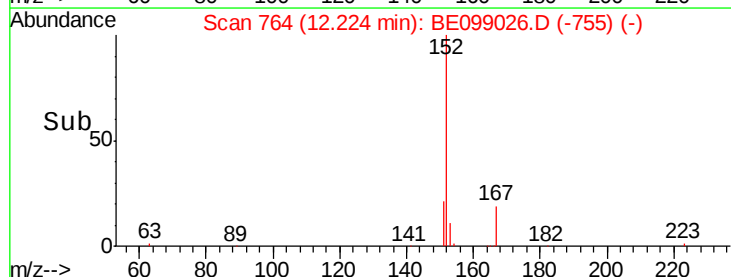
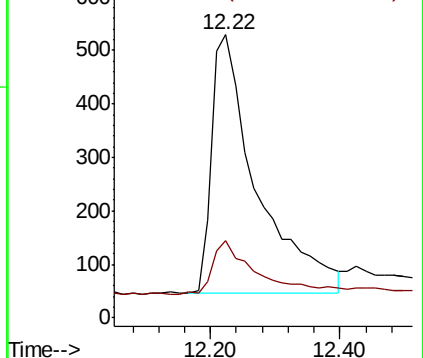
152 100

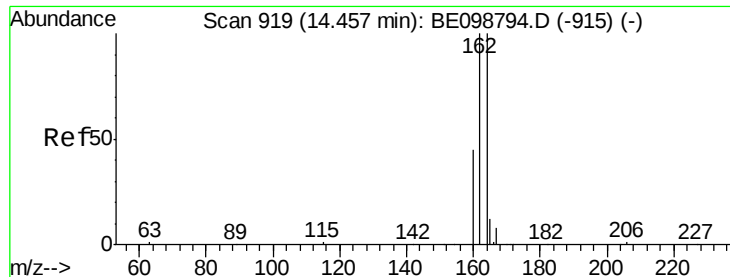
151 20.1 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

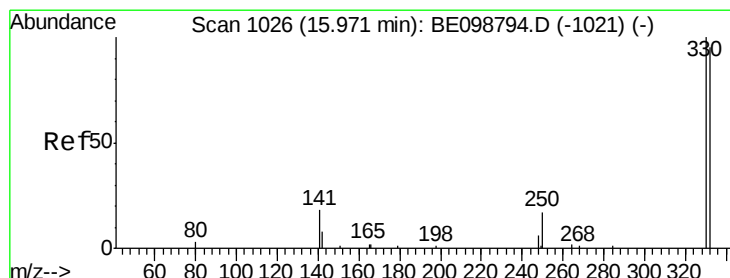
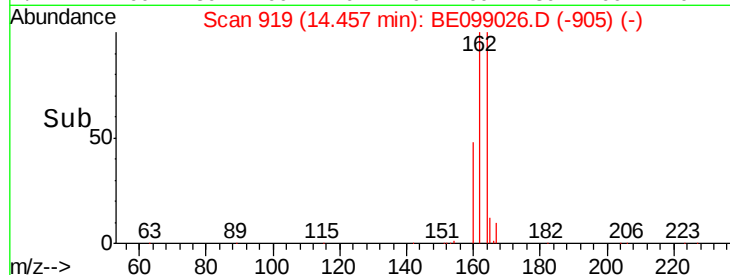
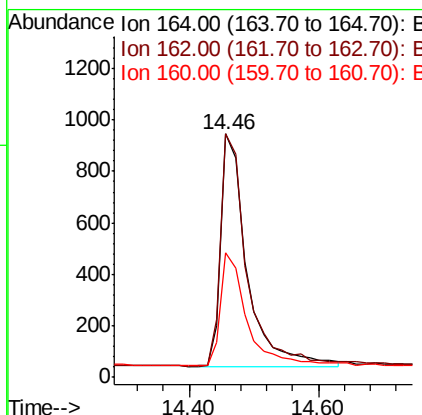
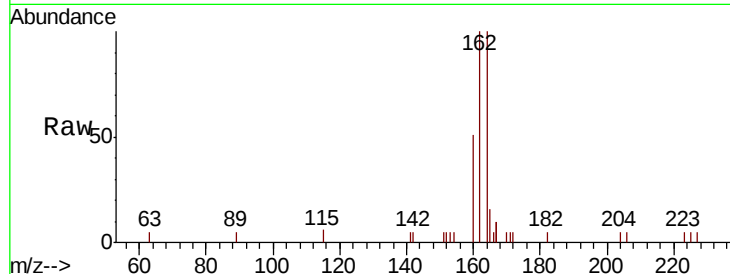




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099026.D
Acq: 19 Mar 2019 7:16

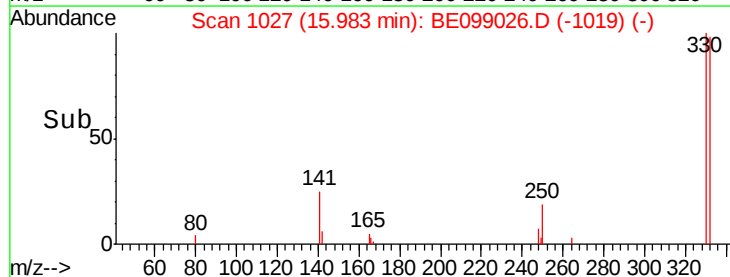
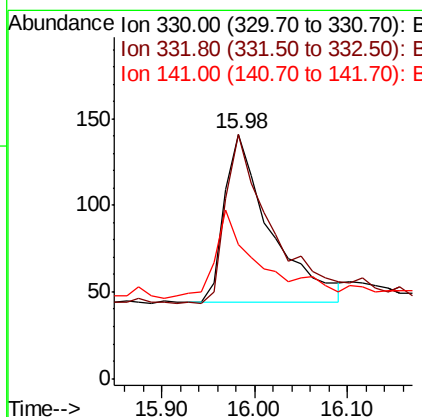
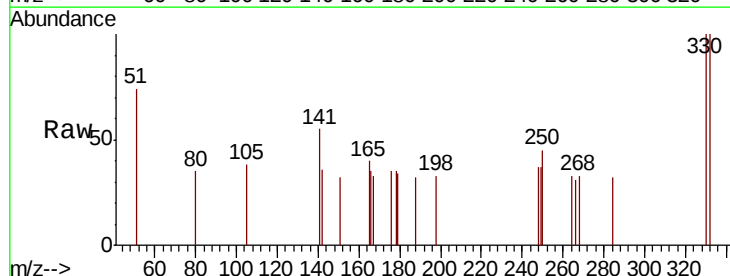
Instrument :
BNA_E
ClientSampleId :
M4-T3-UV(POST)

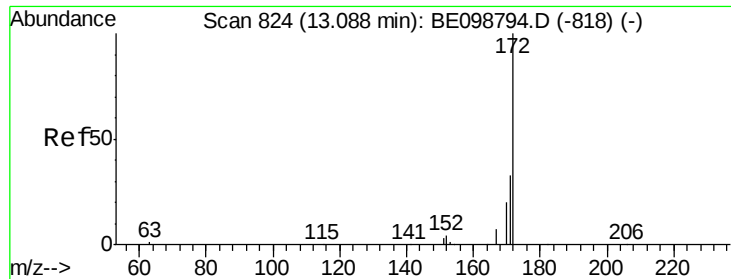
Tgt Ion:164 Resp: 2520
Ion Ratio Lower Upper
164 100
162 99.9 80.2 120.2
160 51.3 37.8 56.8



#14
2,4,6-Tribromophenol
Concen: 0.260 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE099026.D
Acq: 19 Mar 2019 7:16

Tgt Ion:330 Resp: 331
Ion Ratio Lower Upper
330 100
332 119.6 77.6 116.4#
141 52.3 31.0 46.4#

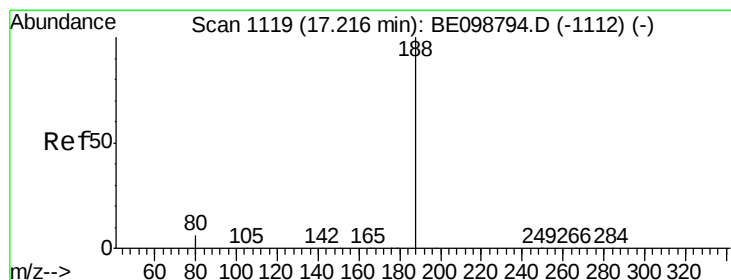
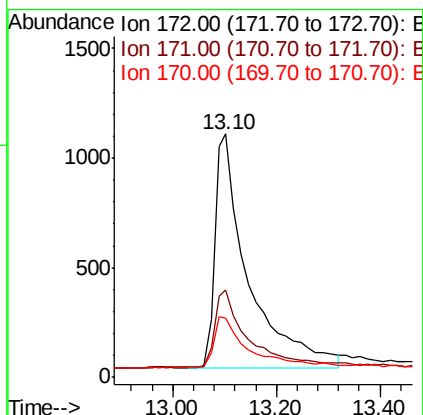
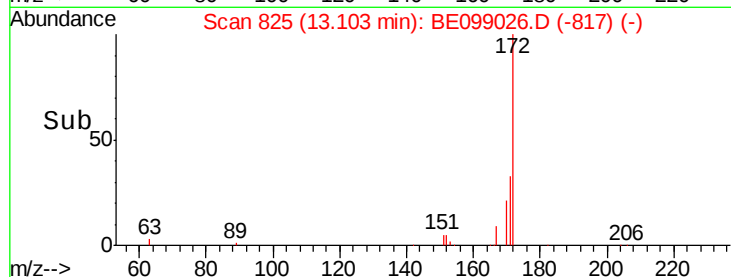
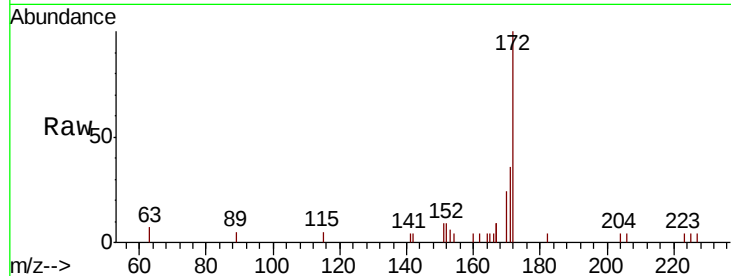




#15
2-Fluorobiphenyl
Concen: 0.461 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.01 min
Lab File: BE099026.D
Acq: 19 Mar 2019 7:16

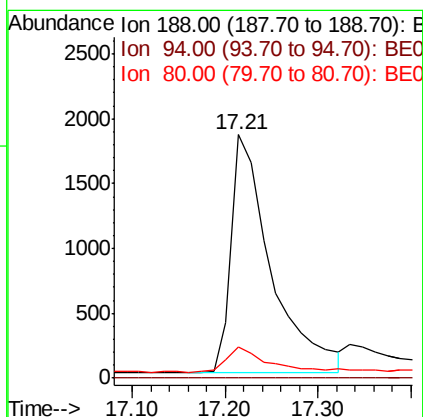
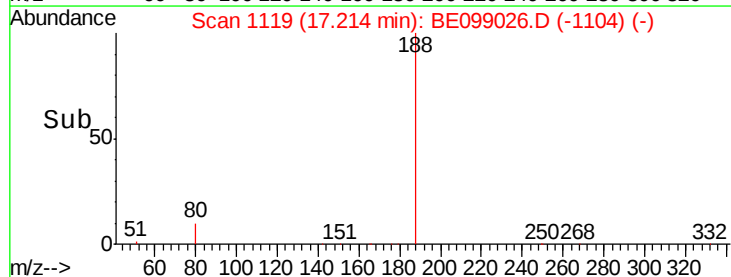
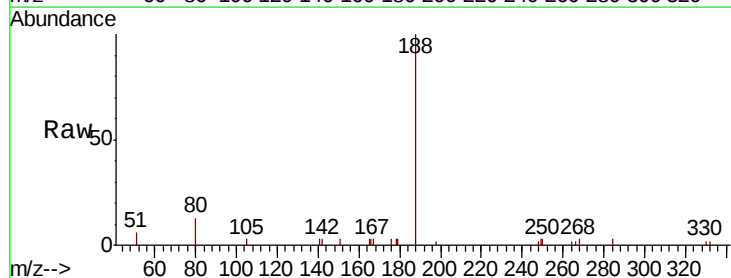
Instrument :
BNA_E
ClientSampleId :
M4-T3-UV(POST)

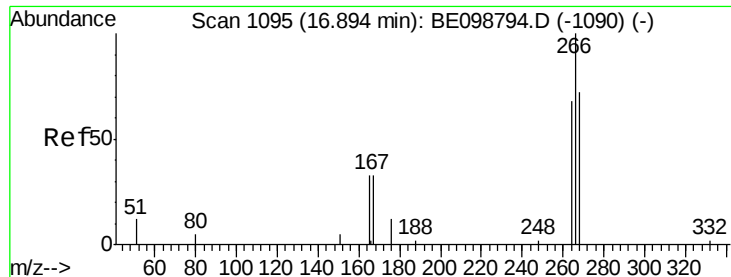
Tgt Ion:172 Resp: 4811
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 24.5 17.7 26.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099026.D
Acq: 19 Mar 2019 7:16

Tgt Ion:188 Resp: 5423
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.7 6.3 9.5#

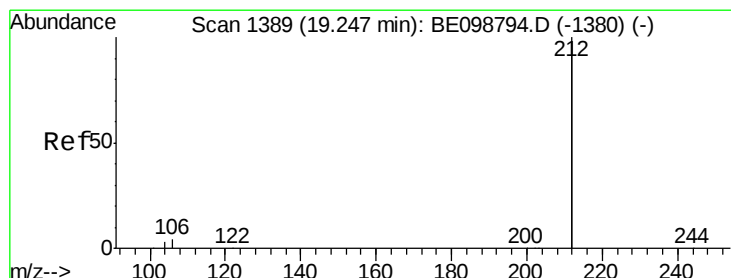
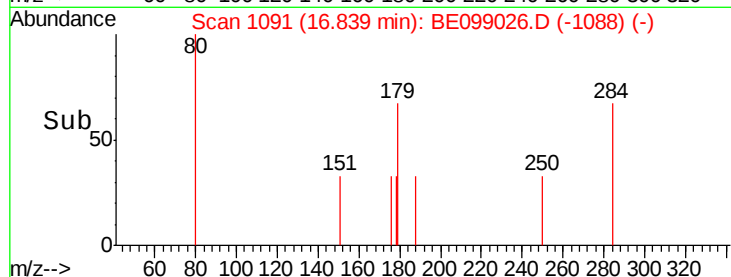
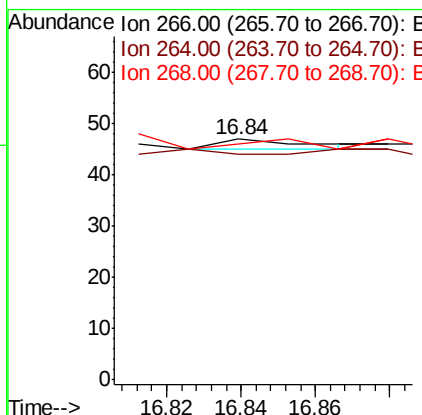
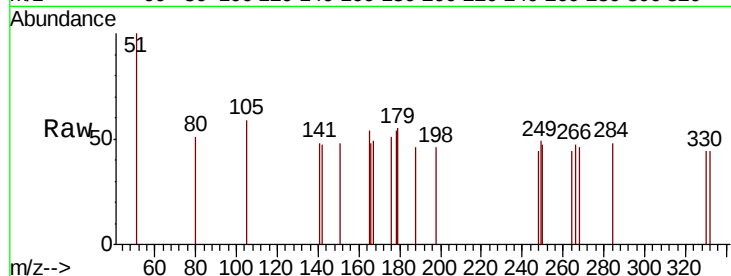




#22
 Pentachlorophenol
 Concen: 0.267 ng
 RT: 16.84 min Scan# 1091
 Delta R.T. -0.05 min
 Lab File: BE099026.D
 Acq: 19 Mar 2019 7:16

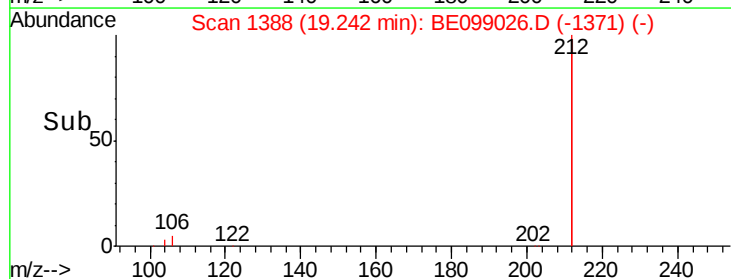
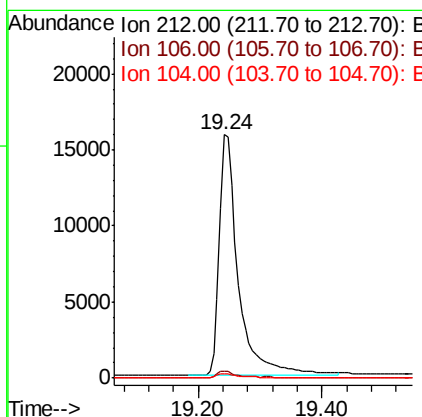
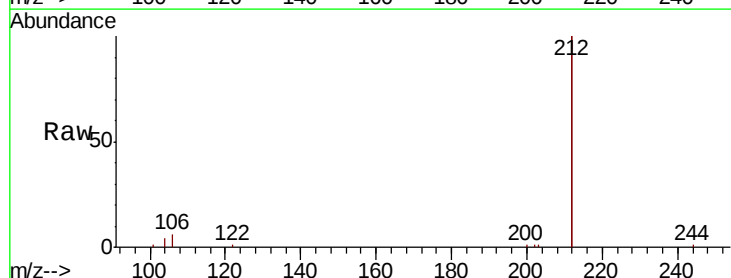
Instrument :
 BNA_E
 ClientSampleId :
 M4-T3-UV(POST)

Tgt Ion:	266	Resp:	3
Ion	Ratio	Lower	Upper
266	100		
264	93.6	66.6	100.0
268	97.9	69.8	104.8



#25
 Fluoranthene-d10
 Concen: 0.392 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BE099026.D
 Acq: 19 Mar 2019 7:16

Tgt Ion:	212	Resp:	33893
Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.5	1.0	1.6

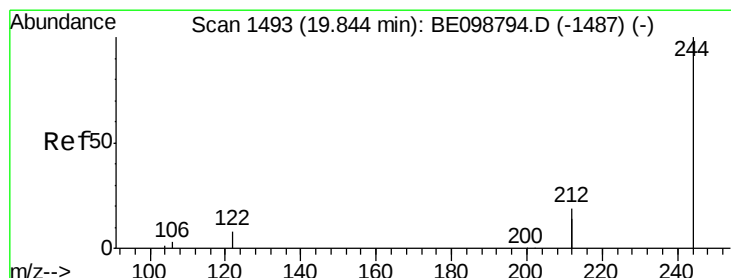
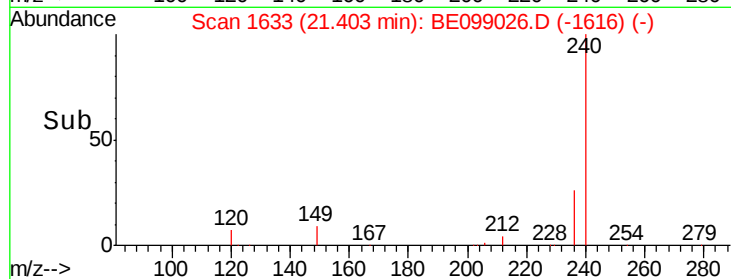
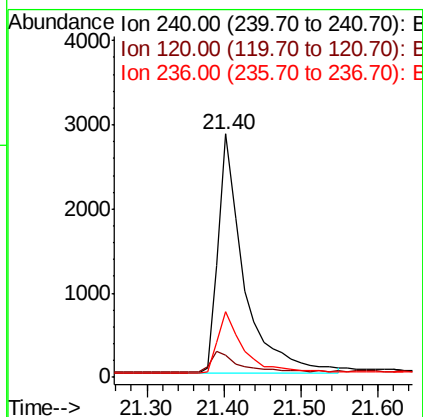
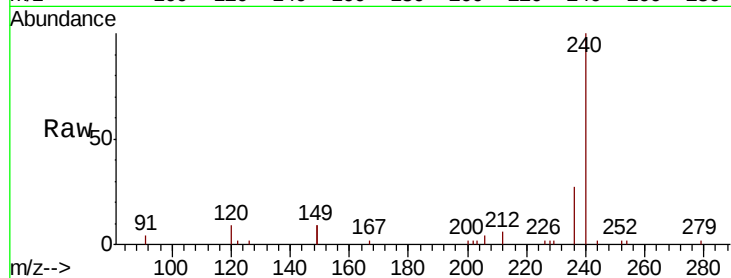




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE099026.D
 Acq: 19 Mar 2019 7:16

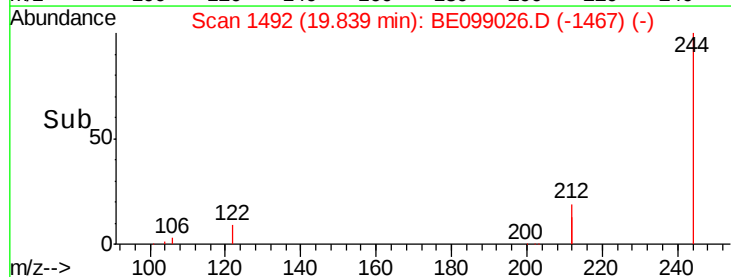
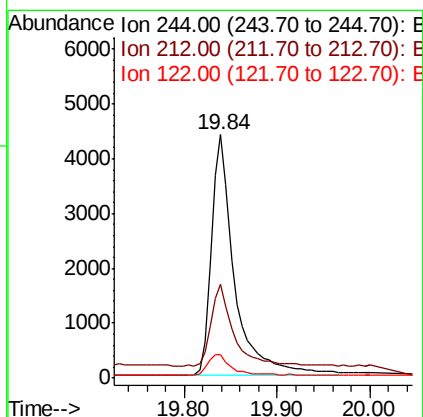
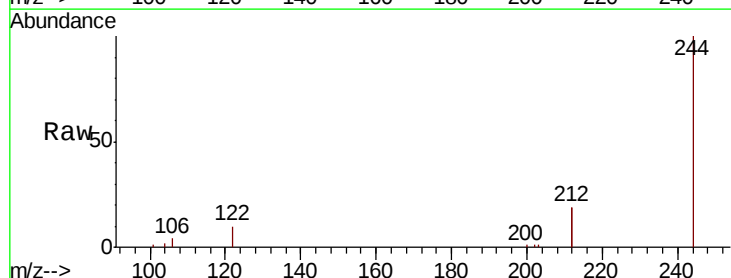
Instrument :
 BNA_E
 ClientSampleId :
 M4-T3-UV(POST)

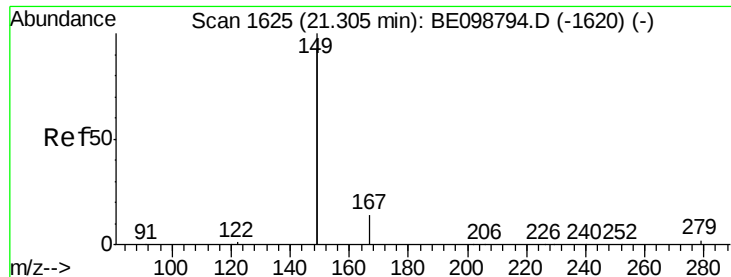
Tgt Ion:240 Resp: 6640
 Ion Ratio Lower Upper
 240 100
 120 9.1 5.0 7.4#
 236 27.2 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.476 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BE099026.D
 Acq: 19 Mar 2019 7:16

Tgt Ion:244 Resp: 7683
 Ion Ratio Lower Upper
 244 100
 212 38.6 29.4 44.2
 122 9.6 7.1 10.7

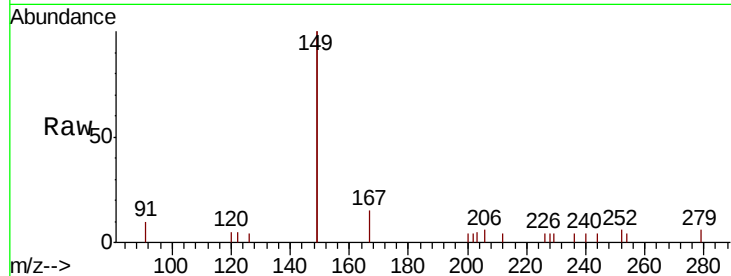




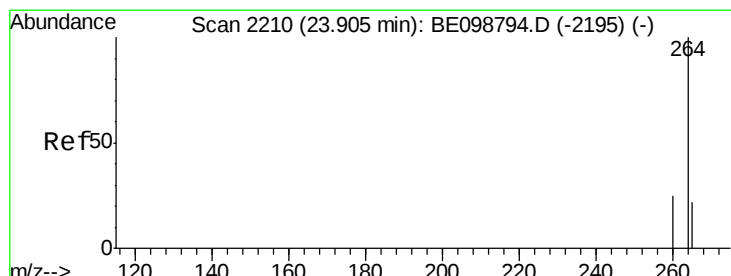
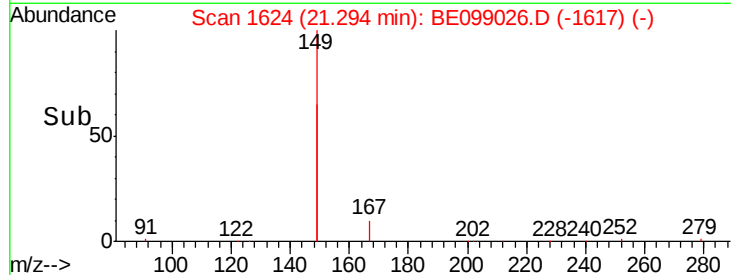
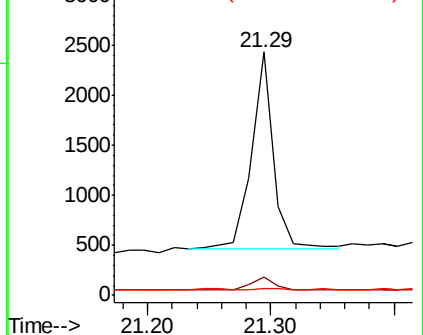
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.056 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099026.D
 Acq: 19 Mar 2019 7:16

Instrument :
 BNA_E
 ClientSampleId :
 M4-T3-UV(POST)

Tgt Ion:149 Resp: 2455
 Ion Ratio Lower Upper
 149 100
 167 7.5 5.4 8.0
 279 1.3 1.0 1.4

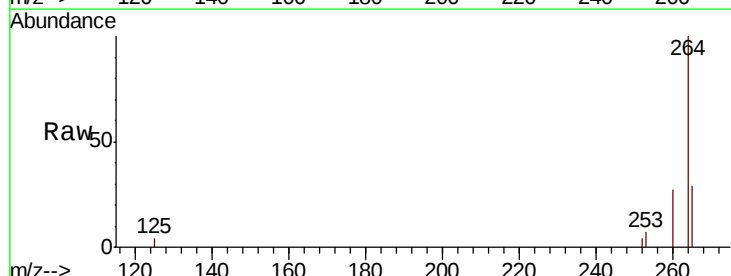


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BE099026.D
 Acq: 19 Mar 2019 7:16

Tgt Ion:264 Resp: 6011
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.2 31.8
 265 29.2 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

