

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121719\
 Data File : BE100948.D
 Acq On : 17 Dec 2019 12:33
 Operator : JU
 Sample : K6252-08DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 17 17:34:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

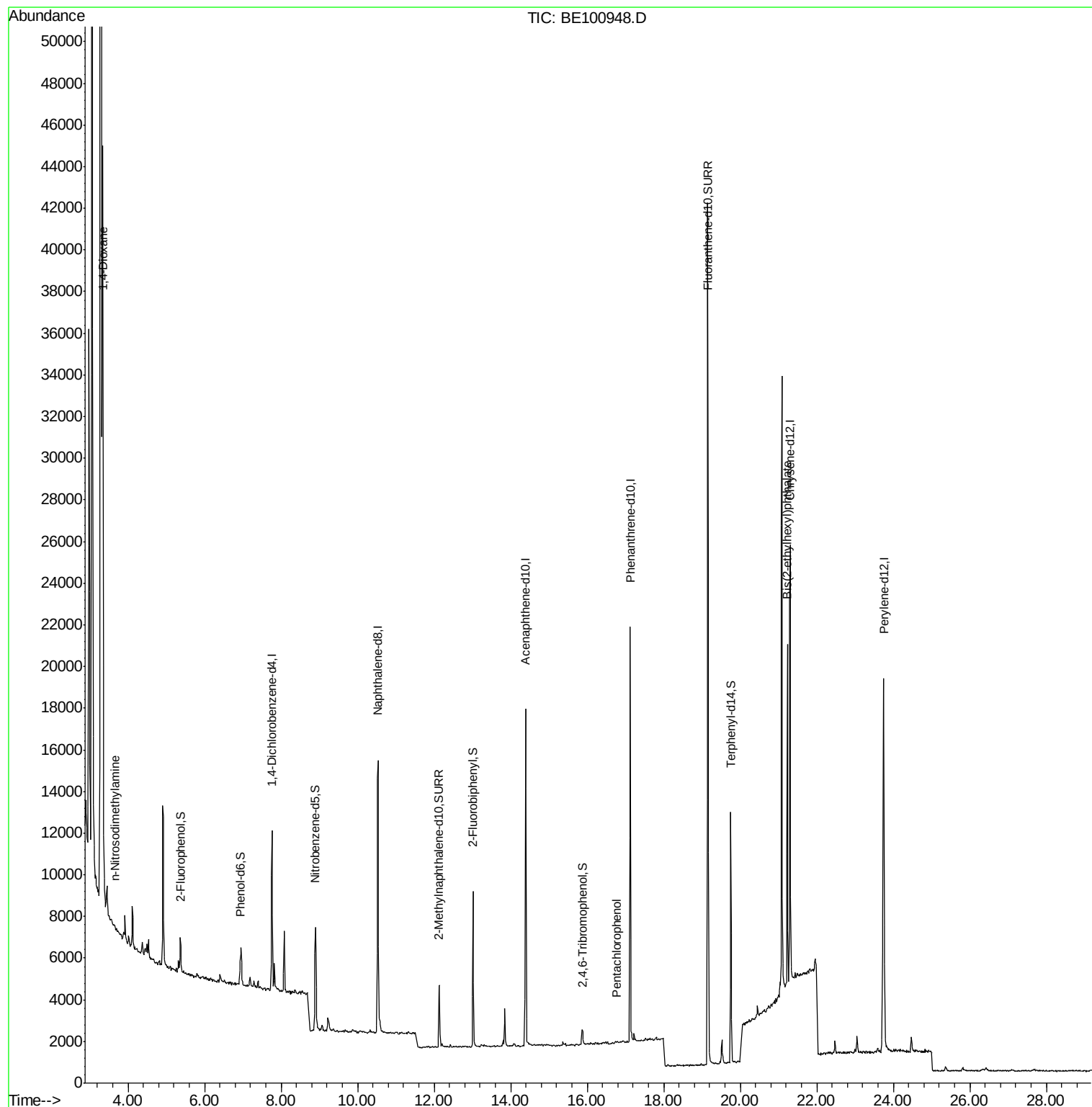
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	3495	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	16448	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	10362	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	25571	0.40	ng	0.00
27) Chrysene-d12	21.31	240	23785	0.40	ng	0.00
34) Perylene-d12	23.74	264	27819	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	915	0.11	ng	0.00
5) Phenol-d6	6.93	99	910	0.07	ng	0.00
8) Nitrobenzene-d5	8.90	82	2227	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	4757	0.20	ng	-0.02
14) 2,4,6-Tribromophenol	15.88	330	474	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	6688	0.16	ng	0.00
25) Fluoranthene-d10	19.15	212	54628	0.18	ng	0.00
29) Terphenyl-d14	19.75	244	10488	0.18	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	21141	3.318	ng	# 89
3) n-Nitrosodimethylamine	3.65	42	117	0.023	ng	# 39
22) Pentachlorophenol	16.77	266	59	0.063	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.23	149	17222	0.345	ng	# 99

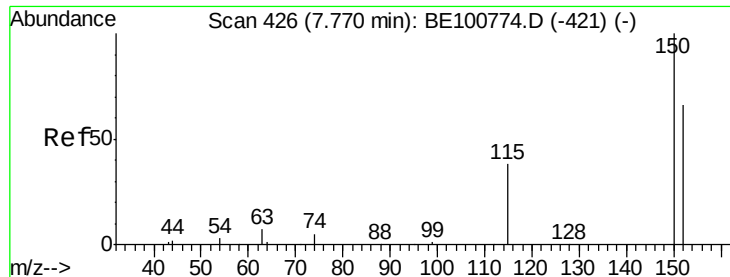
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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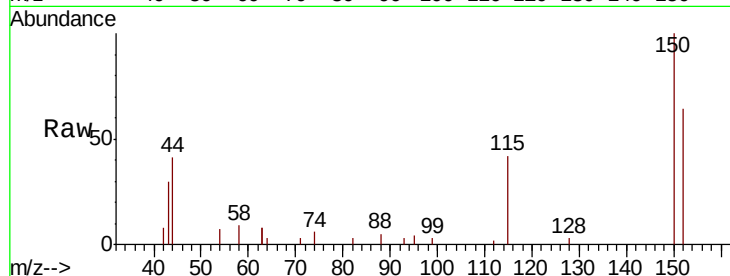


#1

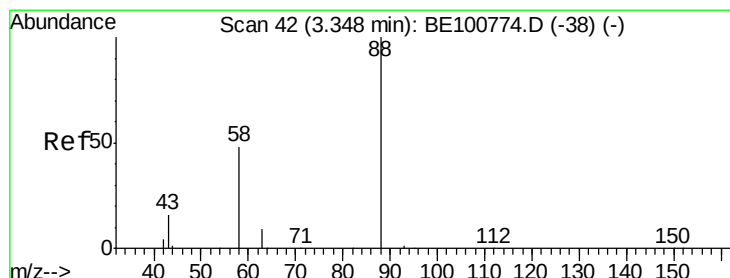
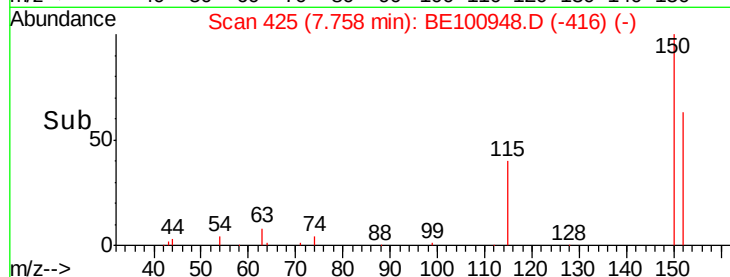
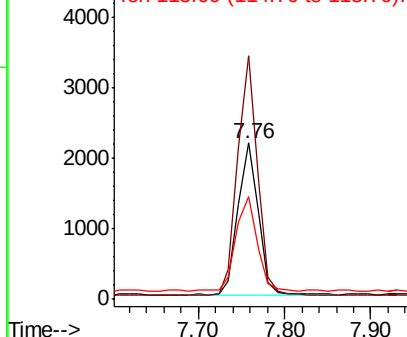
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100948.D
Acq: 17 Dec 2019 12:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3495
Ion Ratio Lower Upper
152 100
150 155.7 125.5 188.3
115 66.0 55.7 83.5



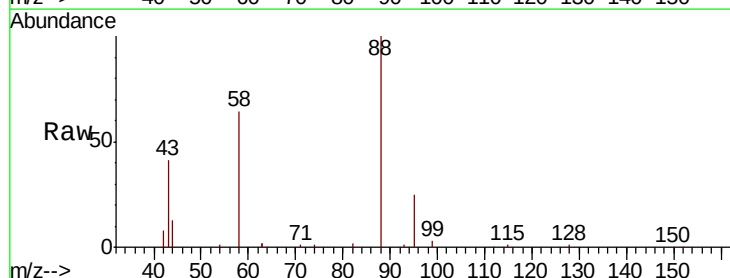
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



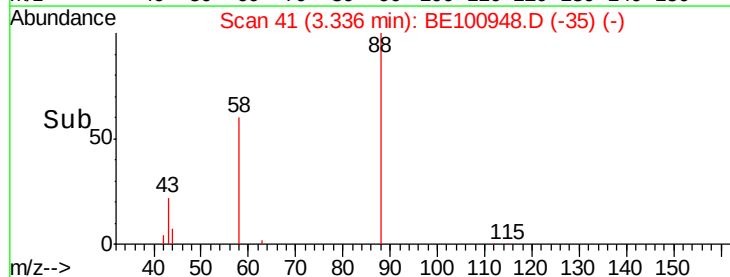
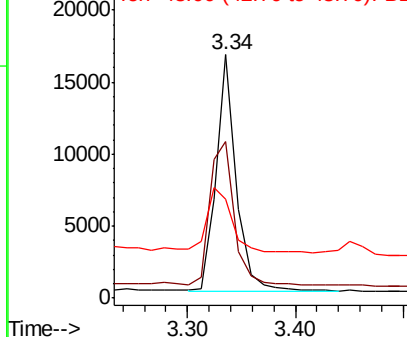
#2

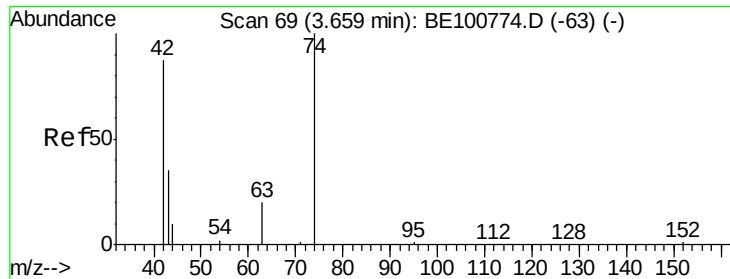
1,4-Dioxane
Concen: 3.318 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100948.D
Acq: 17 Dec 2019 12:33

Tgt Ion: 88 Resp: 21141
Ion Ratio Lower Upper
88 100
58 73.8 52.3 78.5
43 35.8 23.5 35.3#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.023 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE100948.D

Acq: 17 Dec 2019 12:33

Instrument :

BNA_E

ClientSampleId :

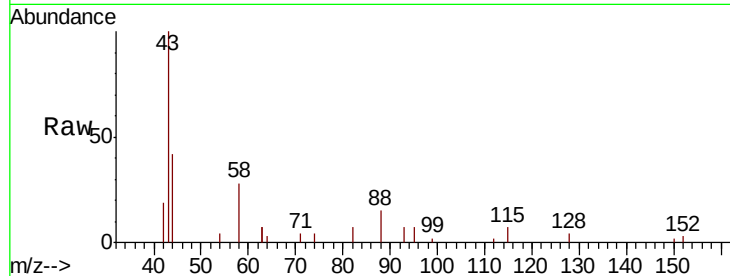
Tot Ion: 42 Resp: 117

Ion Ratio Lower Upper

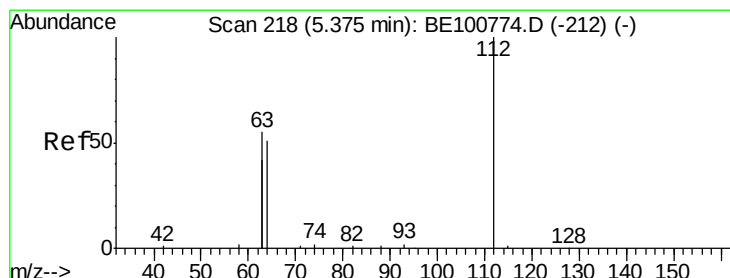
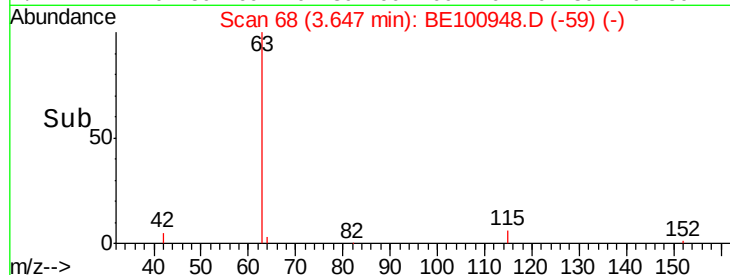
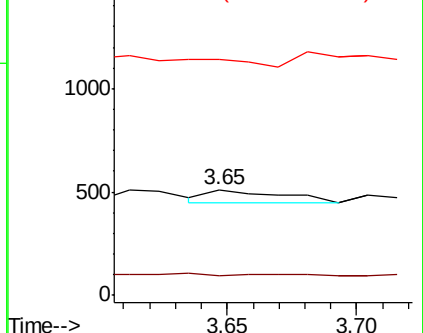
42 100

74 43.6 90.3 135.5#

44 0.0 9.0 13.4#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.110 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100948.D

Acq: 17 Dec 2019 12:33

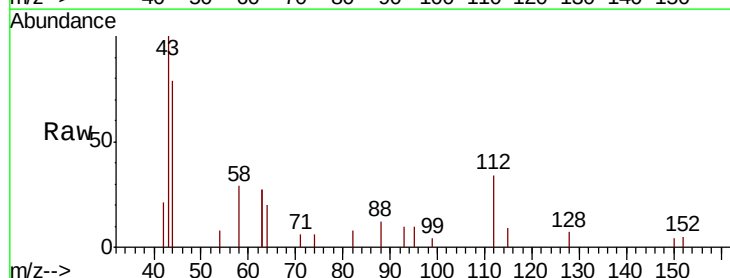
Tgt Ion: 112 Resp: 915

Ion Ratio Lower Upper

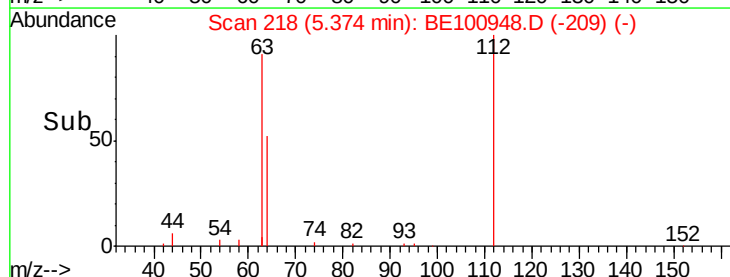
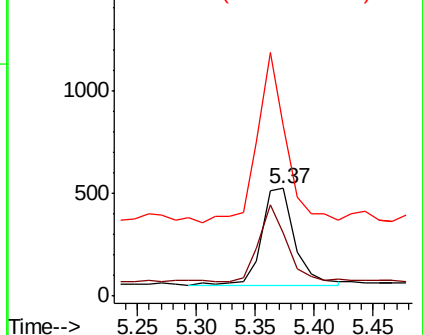
112 100

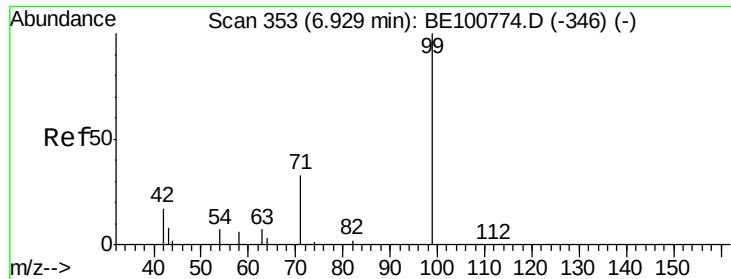
64 65.6 54.5 81.7

63 152.1 116.1 174.1



Abundance Ion 112.00 (111.70 to 112.70): BE1
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.073 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100948.D

Acq: 17 Dec 2019 12:33

Instrument :

BNA_E

ClientSampleId :

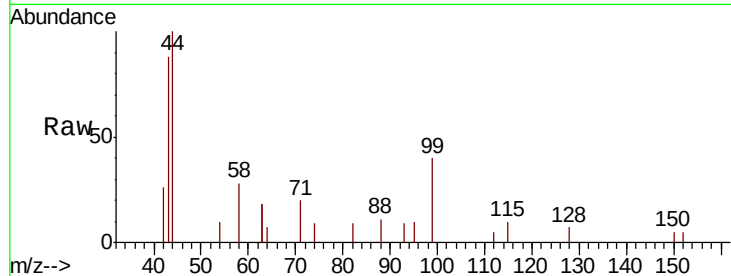
Tot Ion: 99 Resp: 910

Ion Ratio Lower Upper

99 100

42 48.8 18.2 27.2#

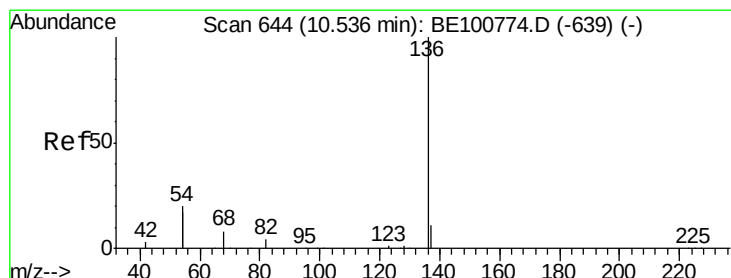
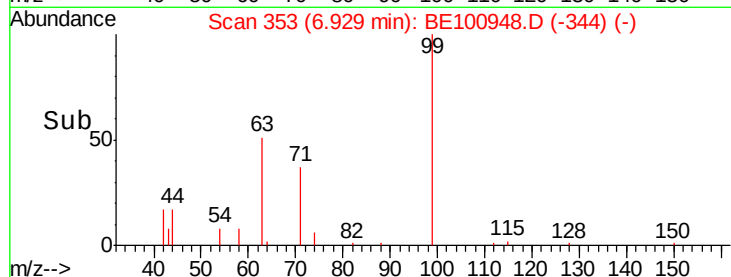
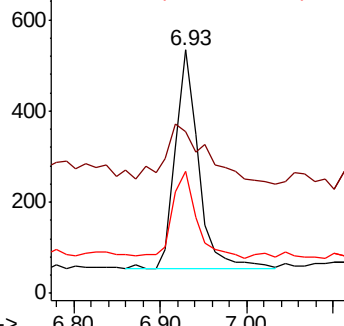
71 41.3 29.1 43.7



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100948.D

Acq: 17 Dec 2019 12:33

Tgt Ion: 136 Resp: 16448

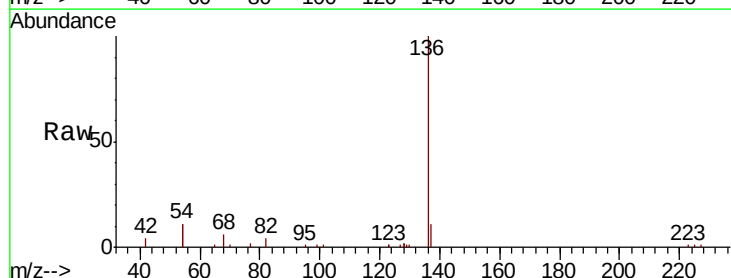
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 22.9 18.9 28.3

68 5.9 4.6 6.8

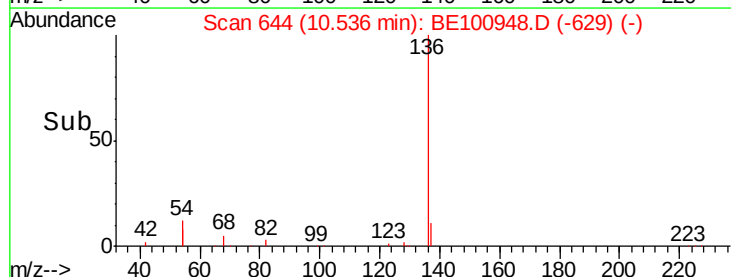
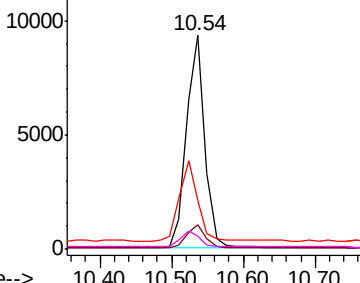


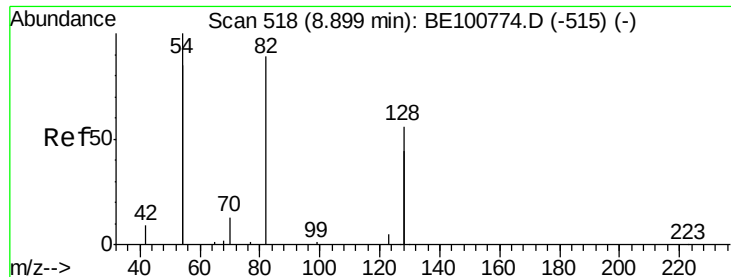
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.284 ng

RT: 8.90 min Scan# 518

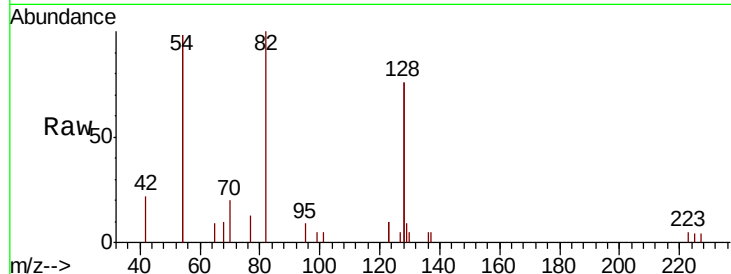
Delta R.T. -0.00 min

Lab File: BE100948.D

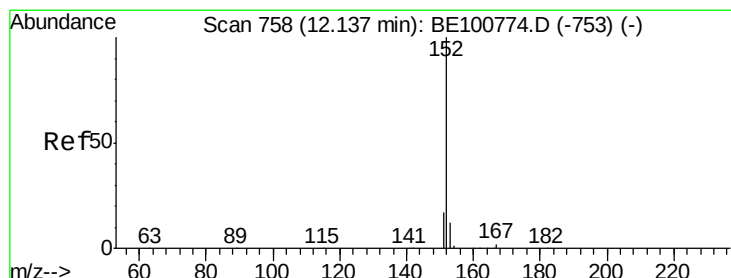
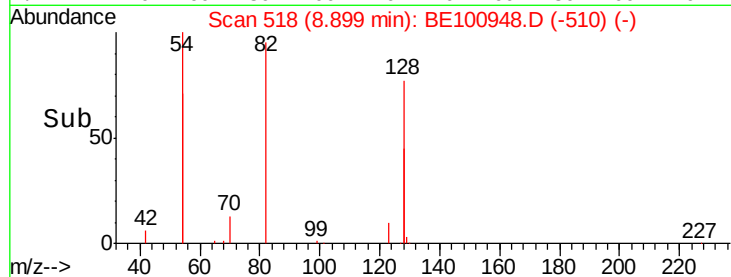
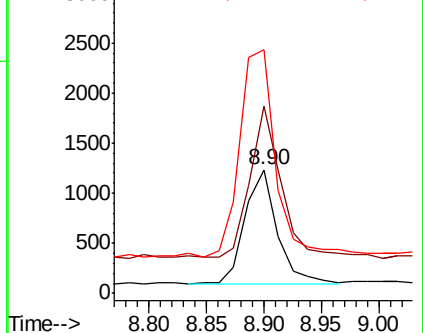
Acq: 17 Dec 2019 12:33

Instrument :
BNA_E
ClientSampled :

Tot Ion: 82 Resp: 2227
Ion Ratio Lower Upper
82 100
128 151.5 113.5 170.3
54 196.4 138.9 208.3



Abundance Ion 82.00 (81.70 to 82.70): BE1
Ion 128.00 (127.70 to 128.70): BE1
Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.200 ng

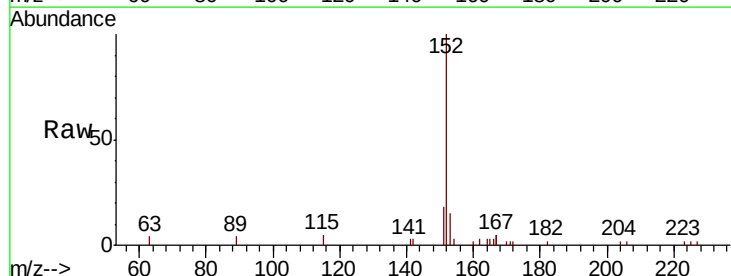
RT: 12.12 min Scan# 757

Delta R.T. -0.02 min

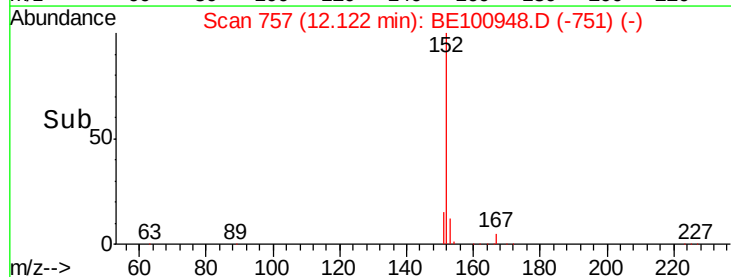
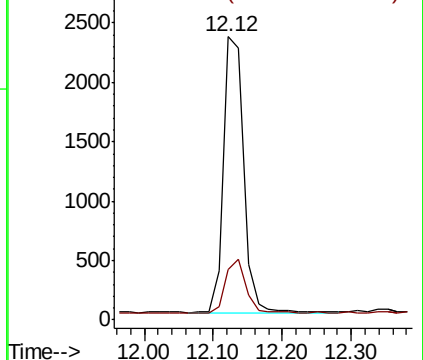
Lab File: BE100948.D

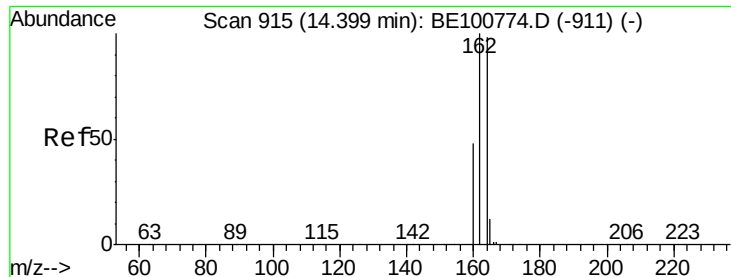
Acq: 17 Dec 2019 12:33

Tgt Ion: 152 Resp: 4757
Ion Ratio Lower Upper
152 100
151 19.7 15.1 22.7



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: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100948.D

Acq: 17 Dec 2019 12:33

Instrument :

BNA_E

ClientSampleId :

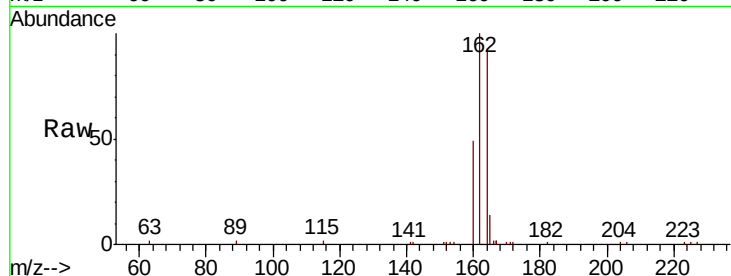
Tot Ion:164 Resp: 10362

Ion Ratio Lower Upper

164 100

162 107.9 86.0 129.0

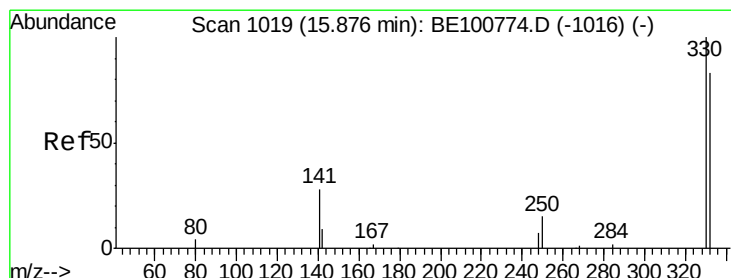
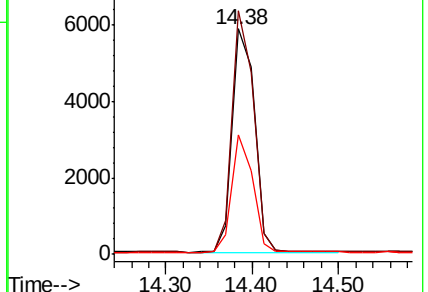
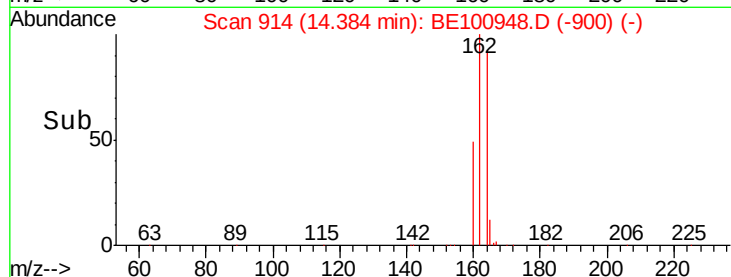
160 53.2 42.3 63.5



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: 0.411 ng

RT: 15.88 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE100948.D

Acq: 17 Dec 2019 12:33

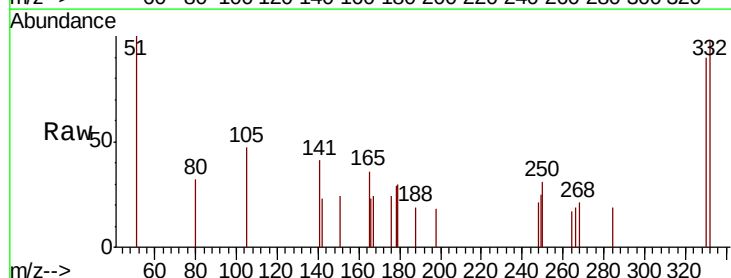
Tgt Ion:330 Resp: 474

Ion Ratio Lower Upper

330 100

332 103.2 74.1 111.1

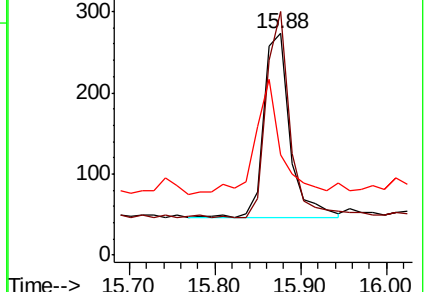
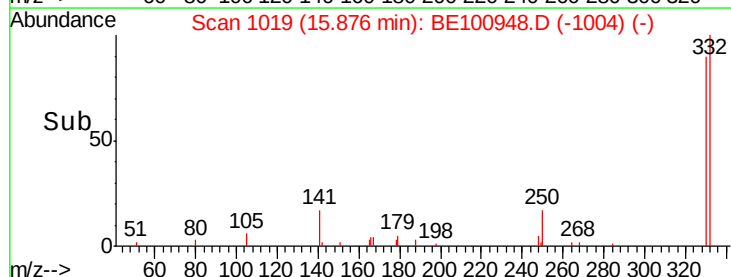
141 62.4 46.7 70.1

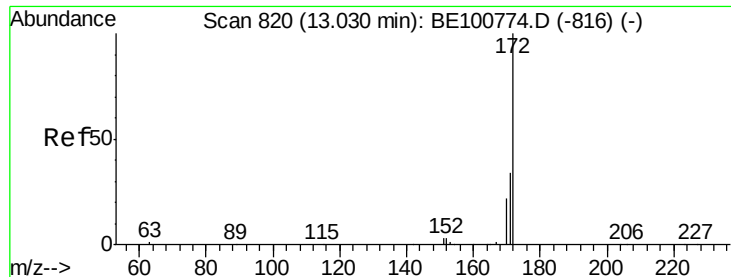


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

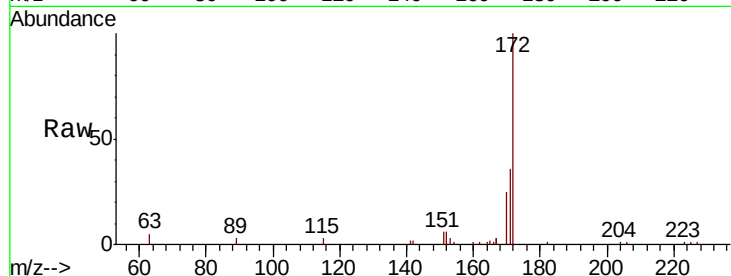




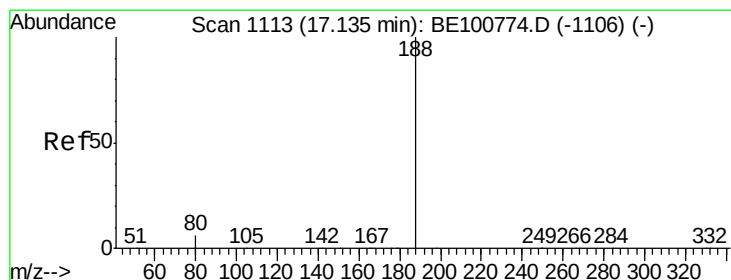
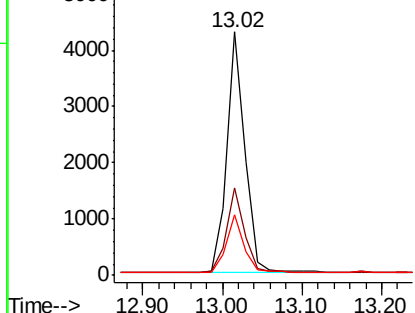
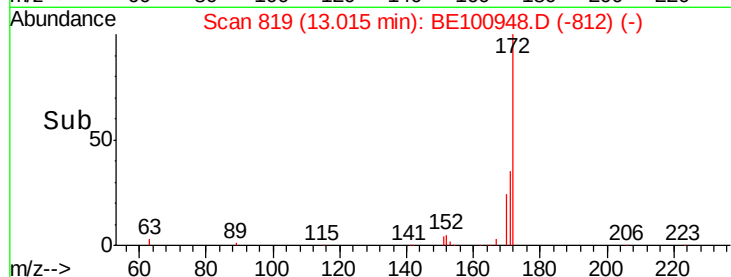
#15
2-Fluorobiphenyl
Concen: 0.163 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100948.D
Acq: 17 Dec 2019 12:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6688
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 24.9 19.4 29.0

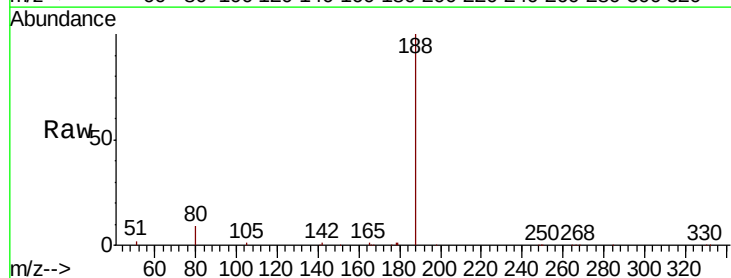


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

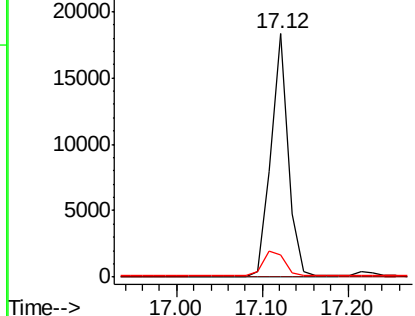
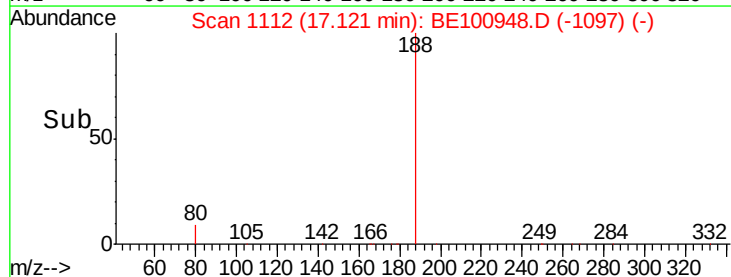


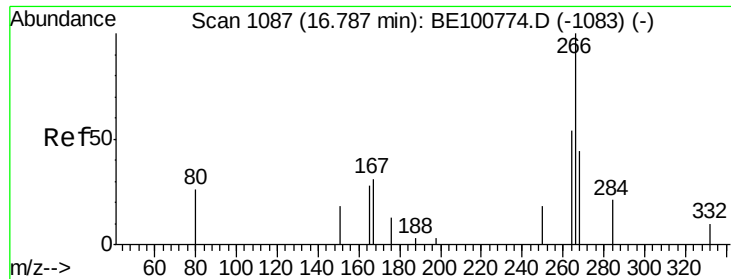
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100948.D
Acq: 17 Dec 2019 12:33

Tgt Ion:188 Resp: 25571
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

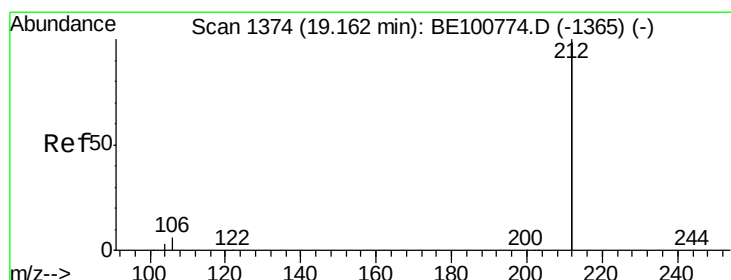
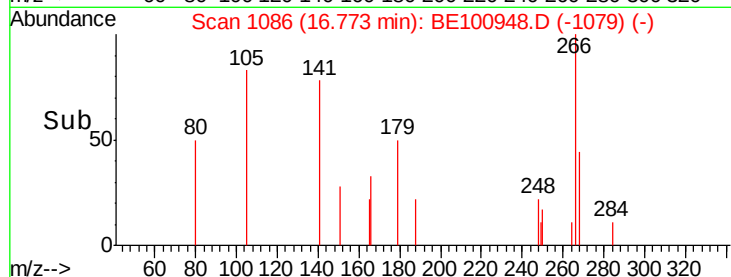
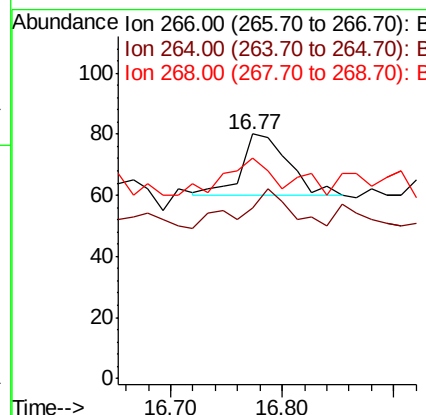
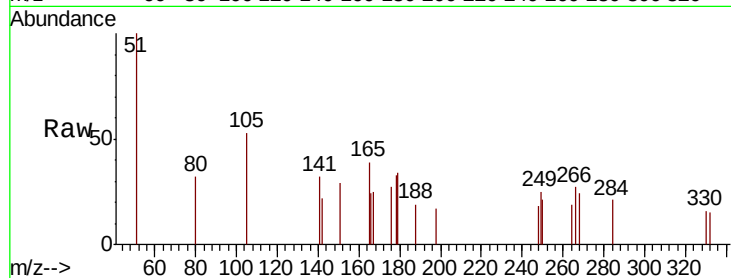




#22
 Pentachlorophenol
 Concen: 0.063 ng
 RT: 16.77 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BE100948.D
 Acq: 17 Dec 2019 12:33

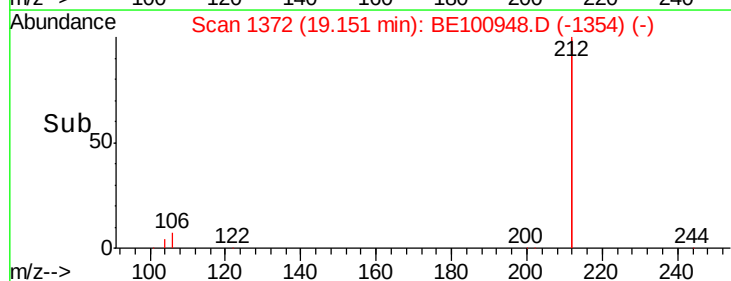
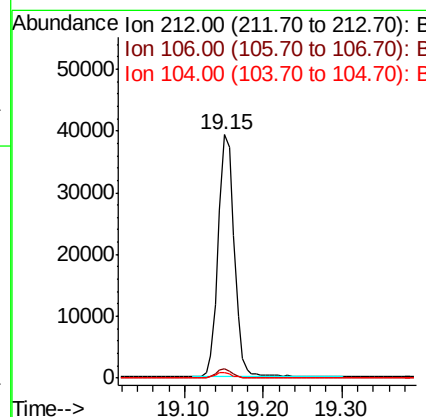
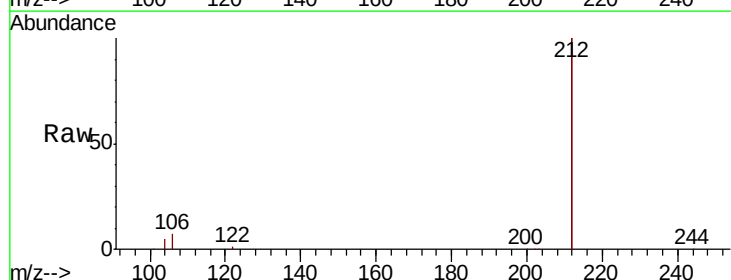
Instrument :
 BNA_E
 ClientSampled :

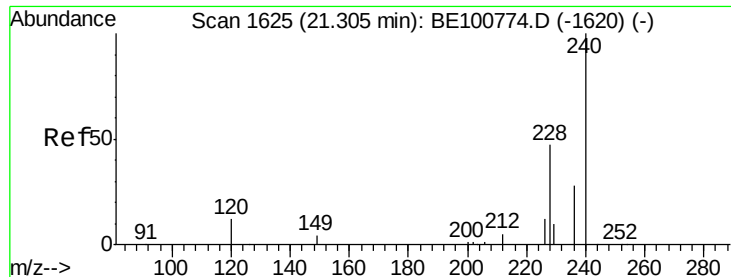
Tot Ion:266 Resp: 59
 Ion Ratio Lower Upper
 266 100
 264 70.0 55.1 82.7
 268 90.0 50.7 76.1#



#25
 Fluoranthene-d10
 Concen: 0.181 ng
 RT: 19.15 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BE100948.D
 Acq: 17 Dec 2019 12:33

Tgt Ion:212 Resp: 54628
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.6 4.0
 104 2.0 1.4 2.2

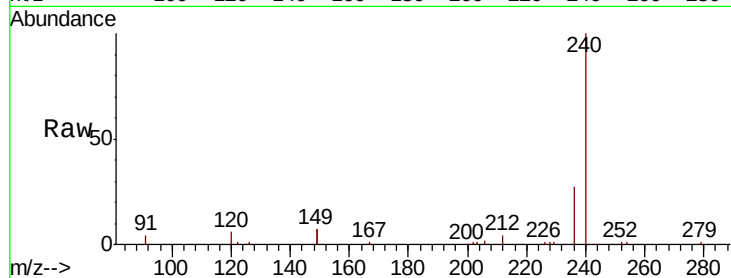




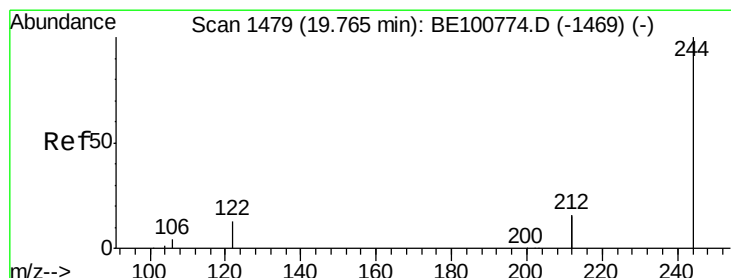
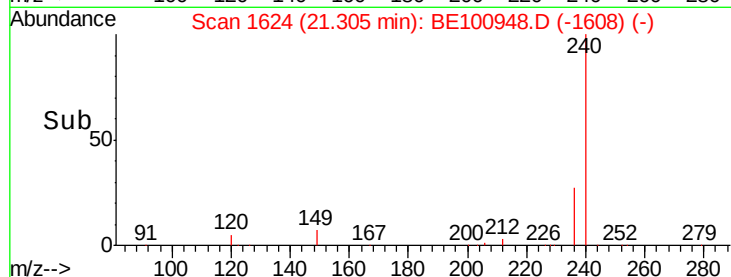
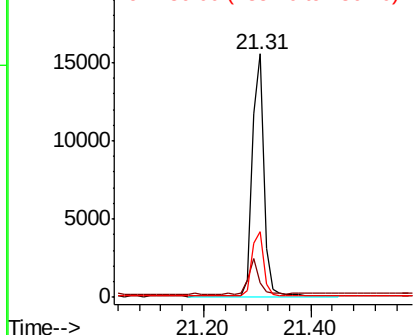
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100948.D
Acq: 17 Dec 2019 12:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 23785
Ion Ratio Lower Upper
240 100
120 5.9 4.0 6.0
236 26.9 21.6 32.4

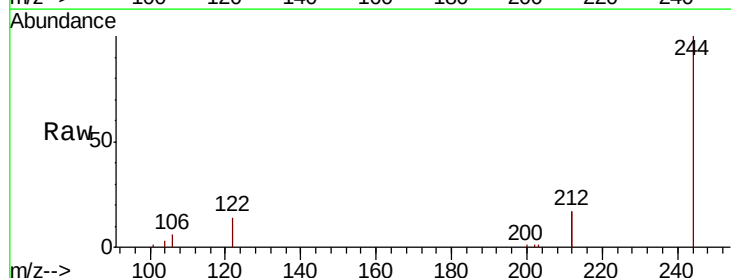


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

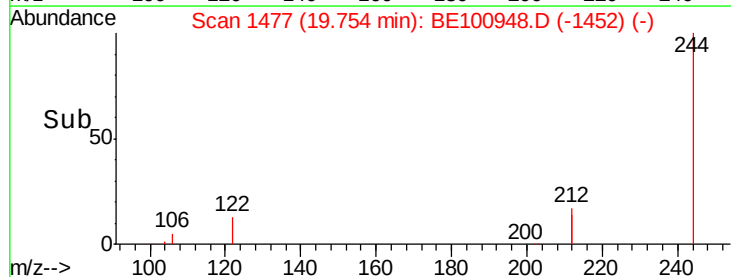
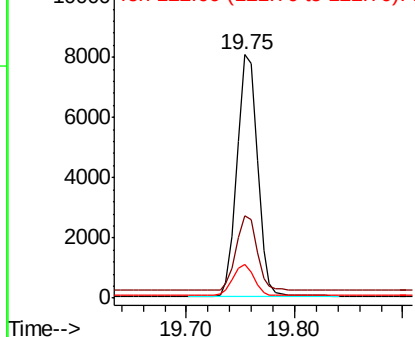


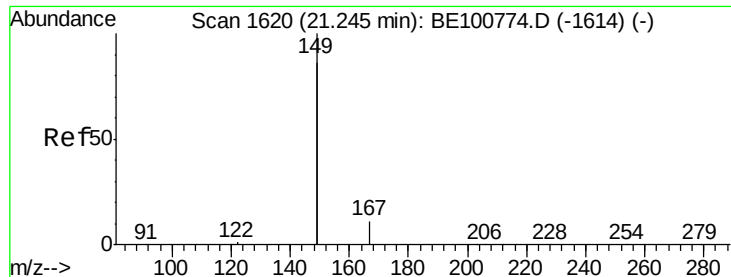
#29
Terphenyl-d14
Concen: 0.184 ng
RT: 19.75 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BE100948.D
Acq: 17 Dec 2019 12:33

Tgt Ion:244 Resp: 10488
Ion Ratio Lower Upper
244 100
212 34.0 25.2 37.8
122 13.7 8.9 13.3#



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

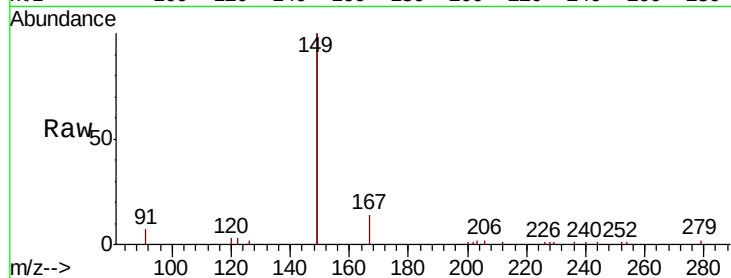




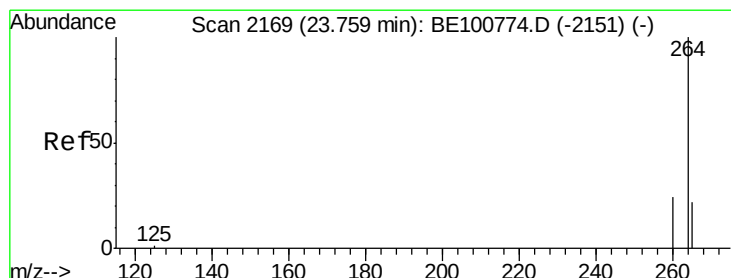
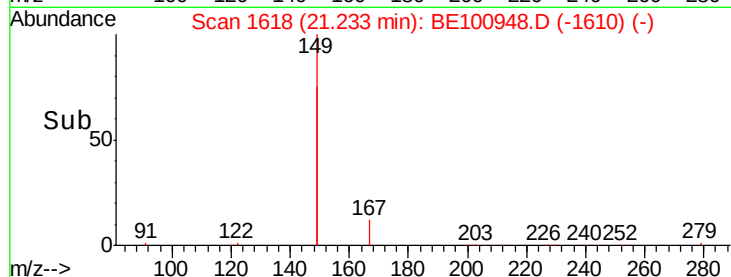
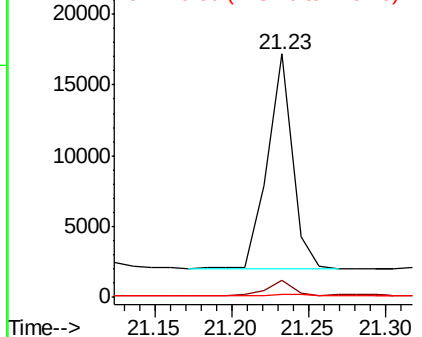
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.345 ng
 RT: 21.23 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BE100948.D
 Acq: 17 Dec 2019 12:33

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 17222
 Ion Ratio Lower Upper
 149 100
 167 6.8 5.0 7.4
 279 1.0 0.6 1.0#

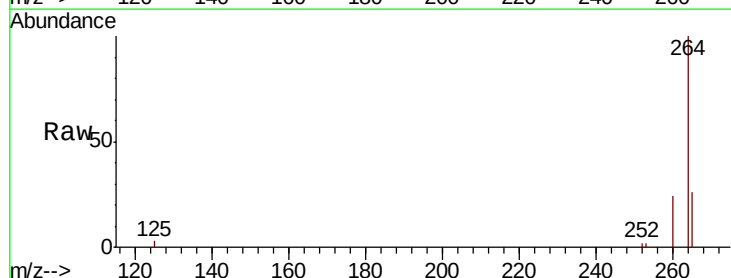


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.74 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: BE100948.D
 Acq: 17 Dec 2019 12:33

Tgt Ion:264 Resp: 27819
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.0
 265 26.5 20.1 30.1



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

