

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
 Data File : BE100984.D
 Acq On : 26 Dec 2019 23:06
 Operator : JU
 Sample : K6392-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 27 01:09:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 14:28:42 2019
 Response via : Initial Calibration

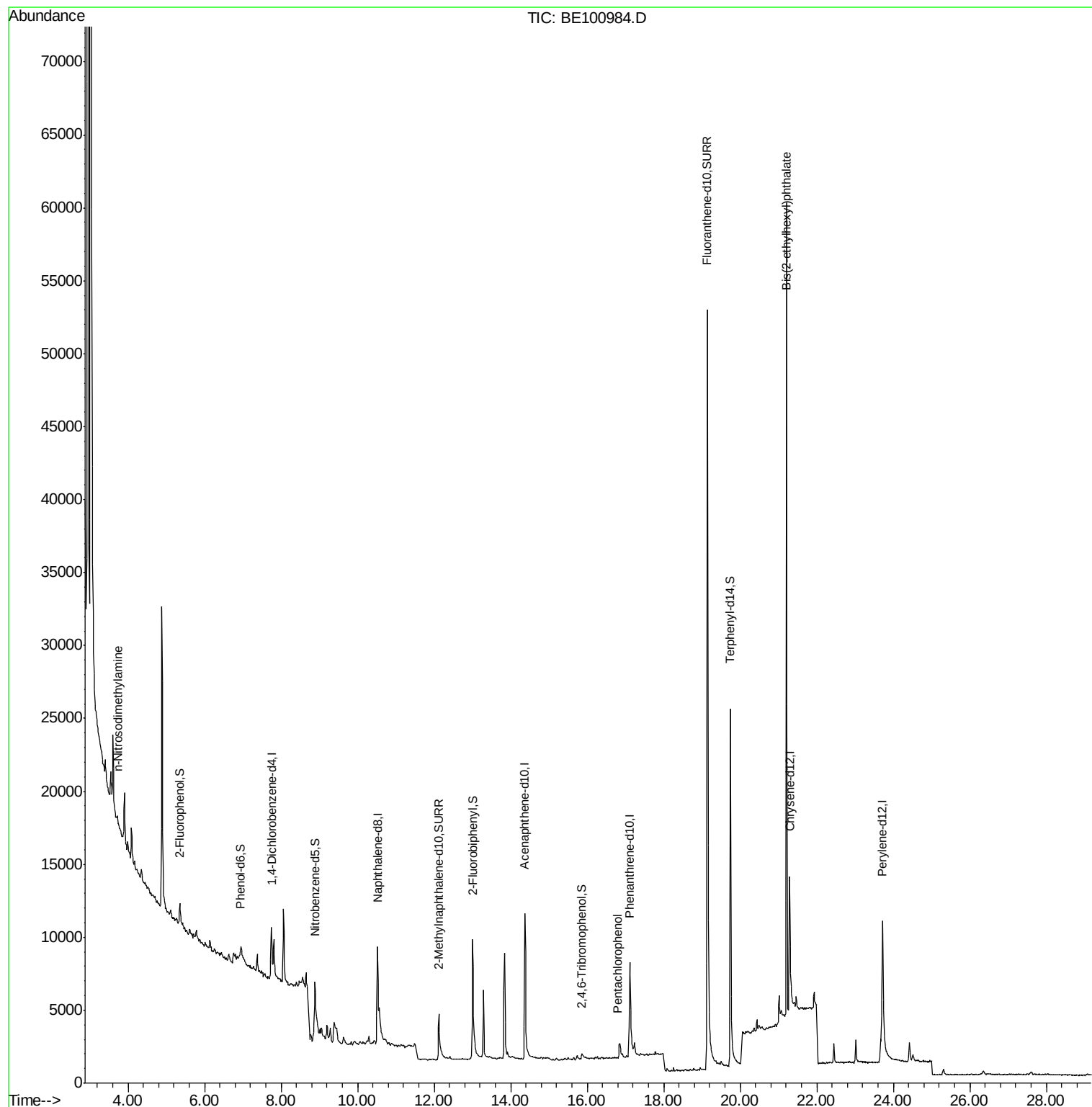
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2546	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	12550	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	7609	0.40	ng	-0.01
19) Phenanthrene-d10	17.11	188	17330	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	18085	0.40	ng	0.00
34) Perylene-d12	23.72	264	20443	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1075	0.25	ng	0.00
5) Phenol-d6	6.93	99	538	0.26	ng	-0.05
8) Nitrobenzene-d5	8.89	82	2921	0.52	ng	-0.03
11) 2-Methylnaphthalene-d10	12.12	152	7568	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	435	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.00	172	13423	0.50	ng	-0.01
25) Fluoranthene-d10	19.14	212	102334	0.49	ng	0.00
29) Terphenyl-d14	19.74	244	29458	0.71	ng	-0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.73	42	128	0.360	ng	# 1
22) Pentachlorophenol	16.79	266	22	0.117	ng	92
32) Bis(2-ethylhexyl)phthalate	21.21	149	59695	0.747	ng	100

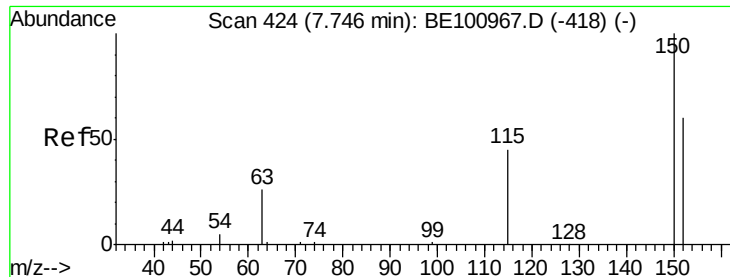
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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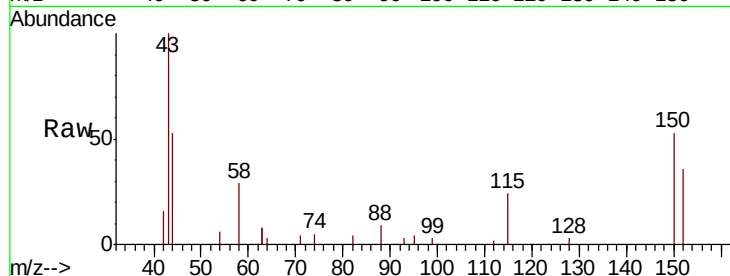


#1

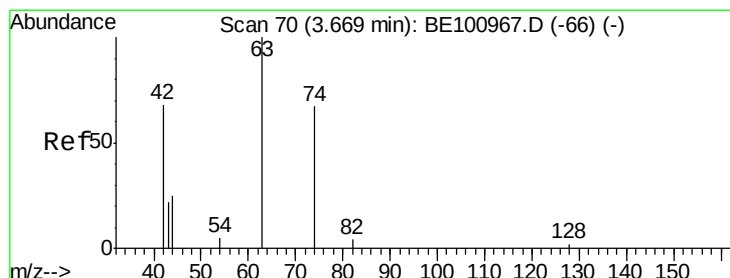
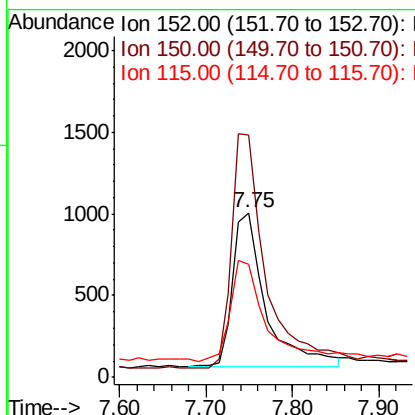
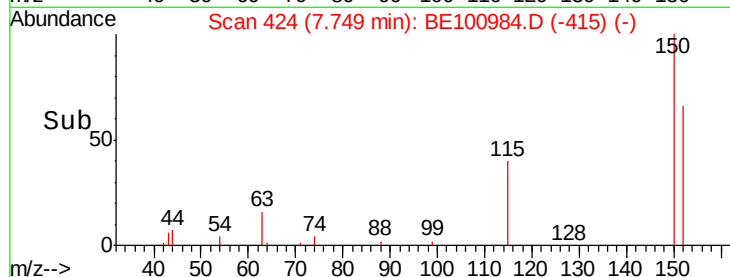
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100984.D
Acq: 26 Dec 2019 23:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2546
Ion Ratio Lower Upper
152 100
150 147.7 132.6 199.0
115 68.6 64.1 96.1



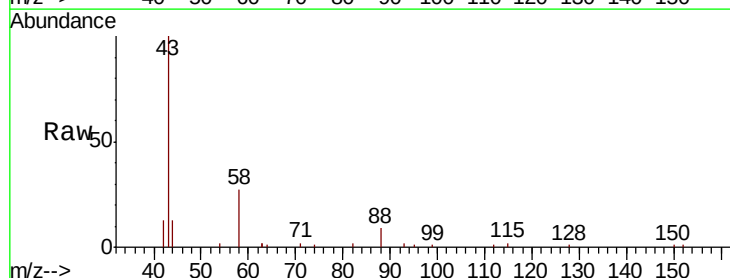
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



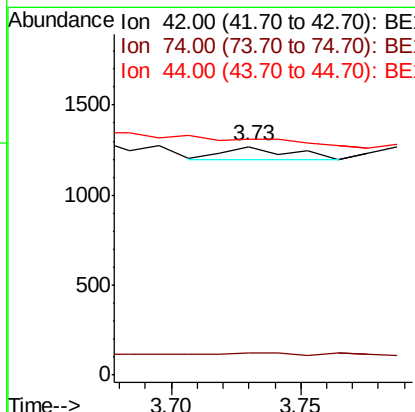
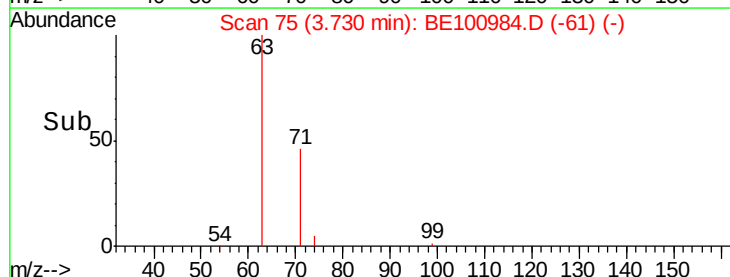
#3

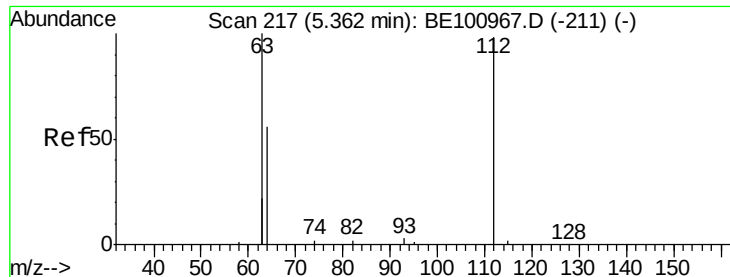
n-Nitrosodimethylamine
Concen: 0.360 ng
RT: 3.73 min Scan# 75
Delta R.T. 0.06 min
Lab File: BE100984.D
Acq: 26 Dec 2019 23:06

Tgt Ion: 42 Resp: 128
Ion Ratio Lower Upper
42 100
74 18.0 116.6 174.8#
44 0.0 0.0 0.0



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: 0.250 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100984.D

Acq: 26 Dec 2019 23:06

Instrument :

BNA_E

ClientSampleId :

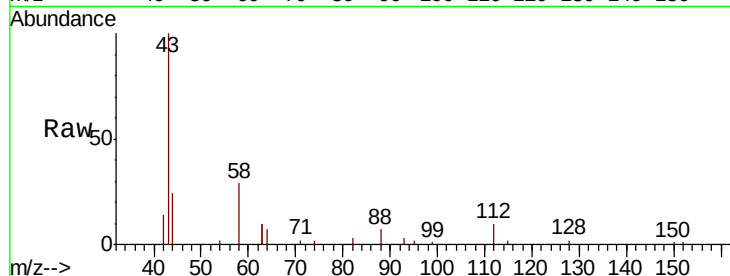
Tot Ion:112 Resp: 1075

Ion Ratio Lower Upper

112 100

64 74.2 59.0 88.6

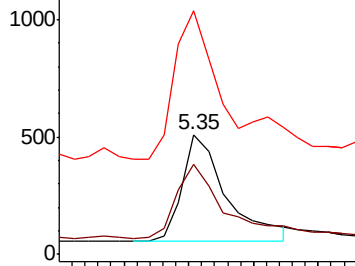
63 159.8 121.4 182.0



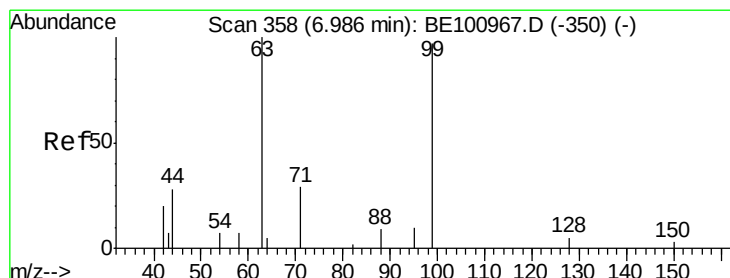
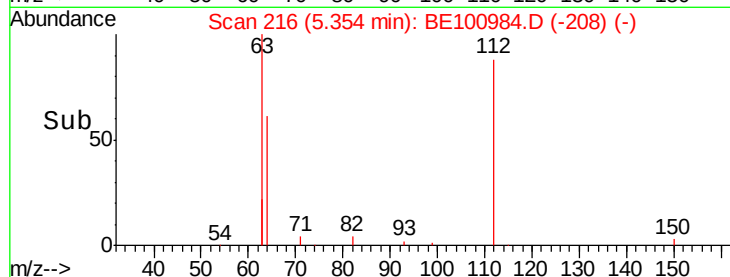
Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



Time-->



#5

Phenol-d6

Concen: 0.262 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.05 min

Lab File: BE100984.D

Acq: 26 Dec 2019 23:06

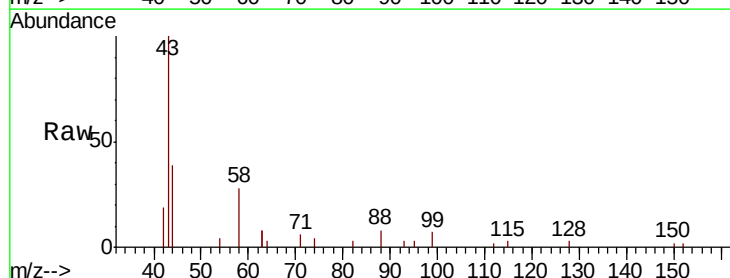
Tgt Ion: 99 Resp: 538

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

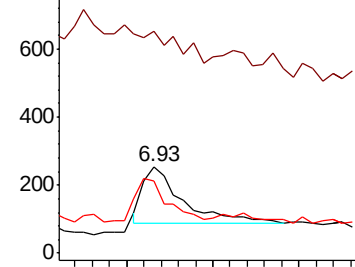
71 46.5 0.0 0.0#



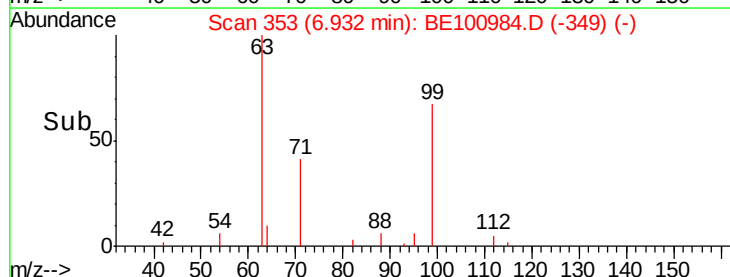
Abundance Ion 99.00 (98.70 to 99.70): BE1

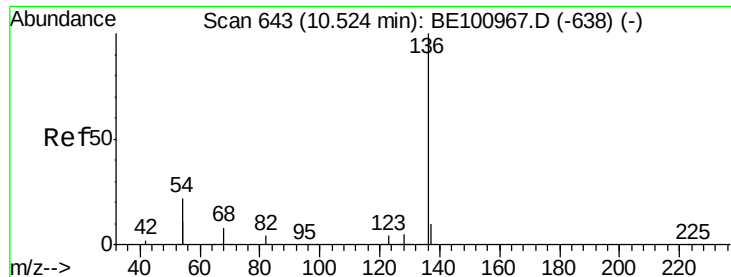
Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE100984.D

Acq: 26 Dec 2019 23:06

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 12550

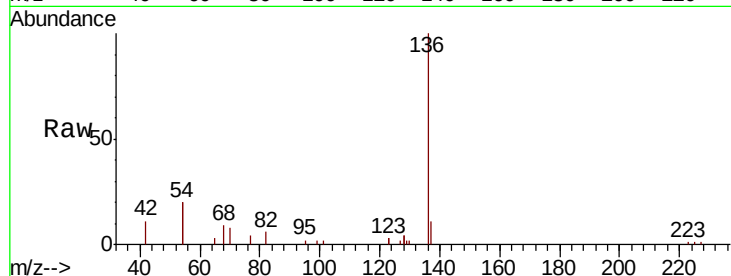
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 40.0 34.4 51.6

68 9.1 7.8 11.6

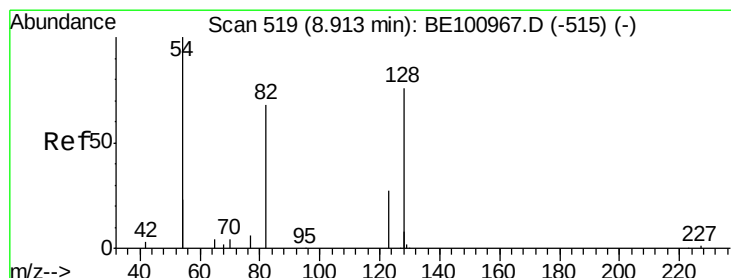
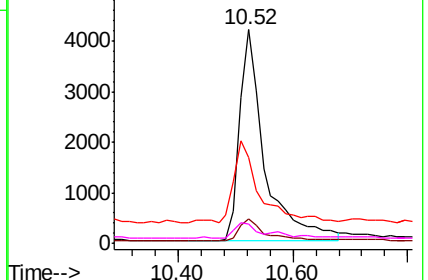
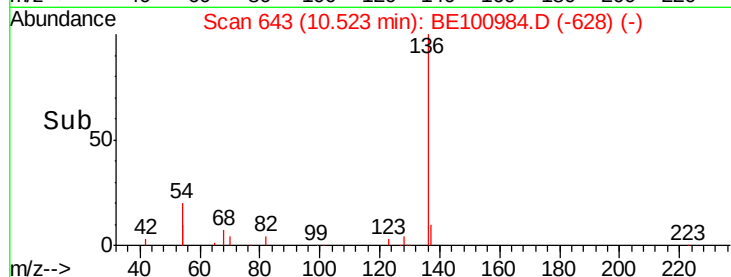


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.521 ng

RT: 8.89 min Scan# 517

Delta R.T. -0.03 min

Lab File: BE100984.D

Acq: 26 Dec 2019 23:06

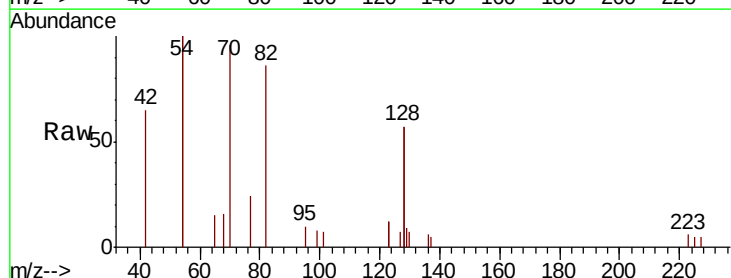
Tgt Ion: 82 Resp: 2921

Ion Ratio Lower Upper

82 100

128 131.8 140.2 210.2#

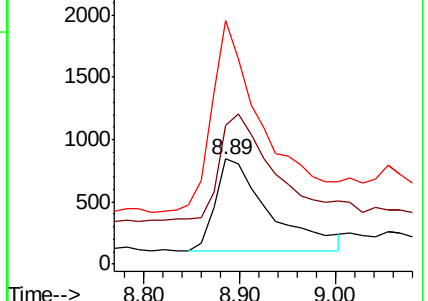
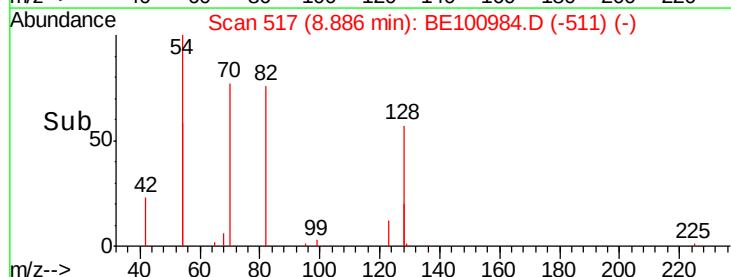
54 232.1 183.8 275.6

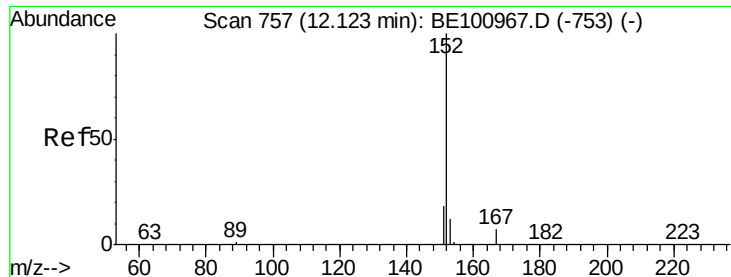


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

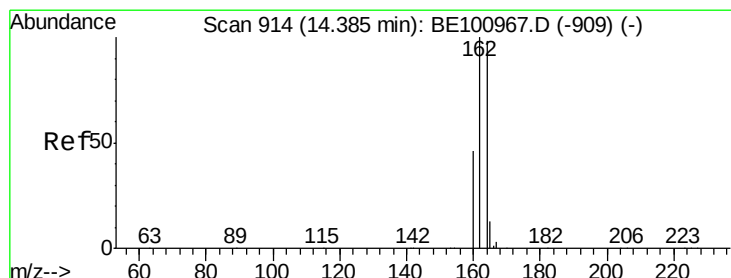
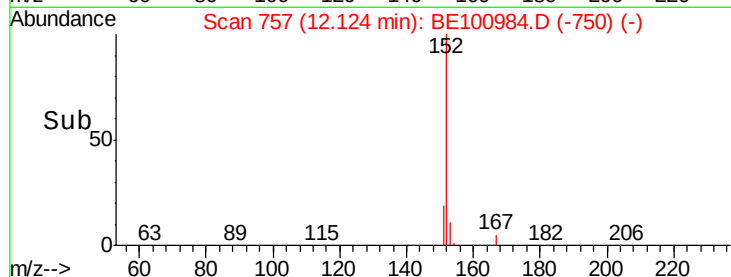
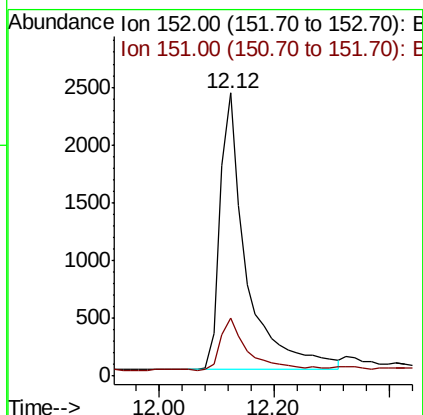
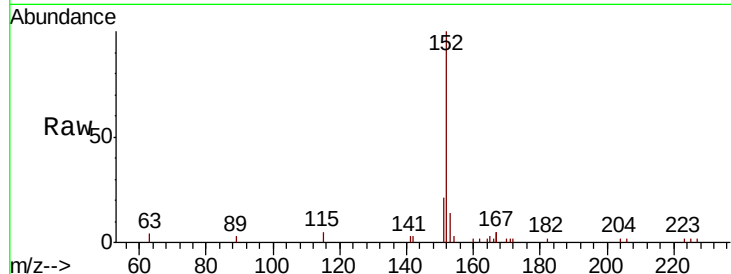




#11
 2-Methylnaphthalene-d10
 Concen: 0.411 ng
 RT: 12.12 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BE100984.D
 Acq: 26 Dec 2019 23:06

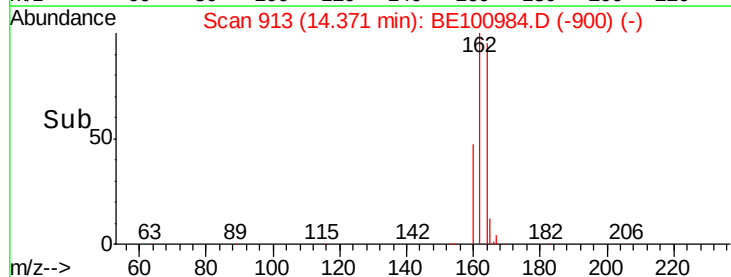
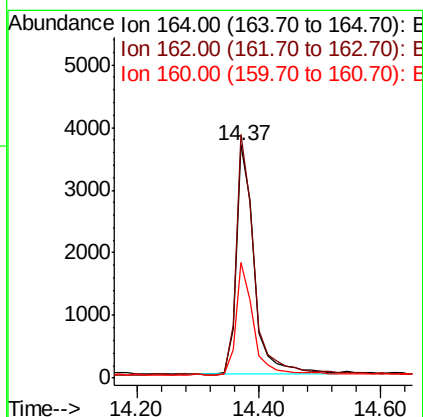
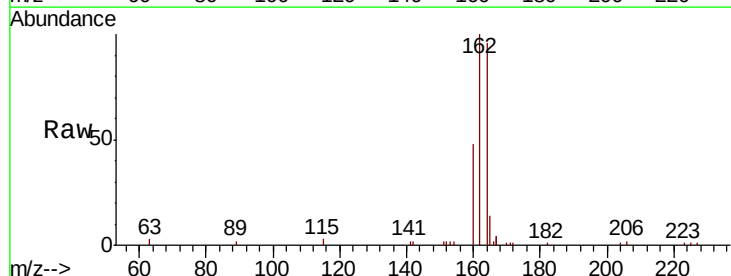
Instrument :
 BNA_E
 ClientSampled :

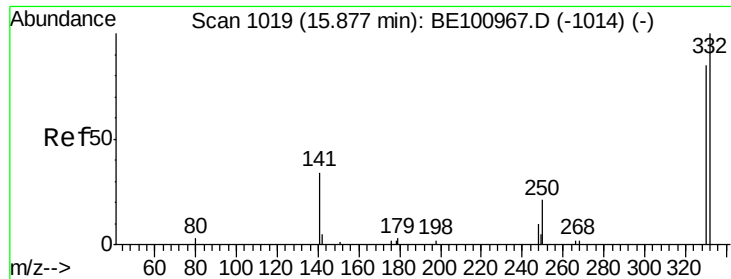
Tot Ion:152 Resp: 7568
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.37 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BE100984.D
 Acq: 26 Dec 2019 23:06

Tgt Ion:164 Resp: 7609
 Ion Ratio Lower Upper
 164 100
 162 104.6 81.6 122.4
 160 49.9 37.7 56.5





#14

2,4,6-Tribromophenol

Concen: 0.391 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100984.D

Acq: 26 Dec 2019 23:06

Instrument :

BNA_E

ClientSampled :

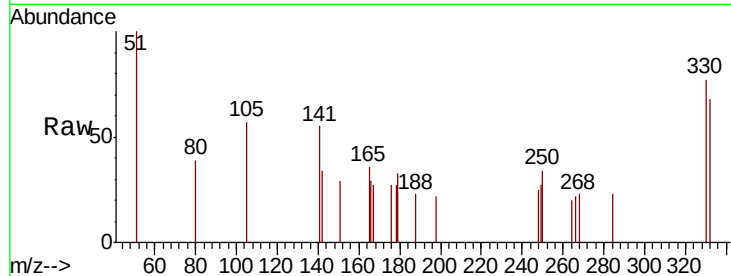
Tot Ion:330 Resp: 435

Ion Ratio Lower Upper

330 100

332 94.3 72.4 108.6

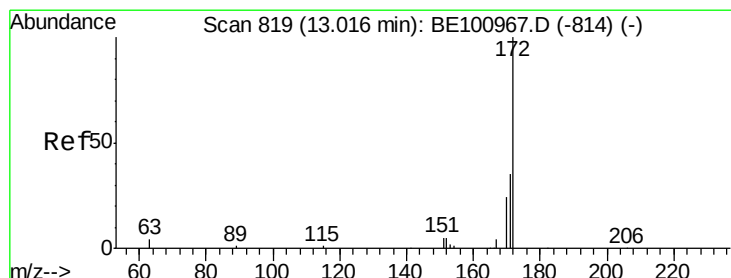
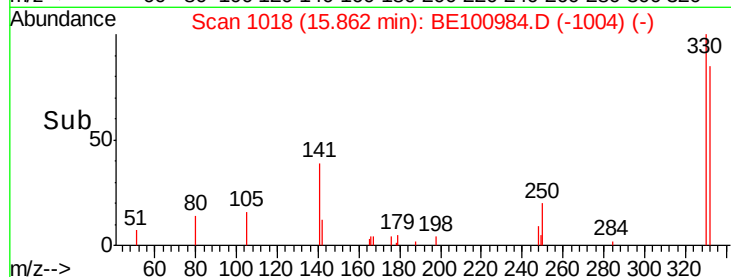
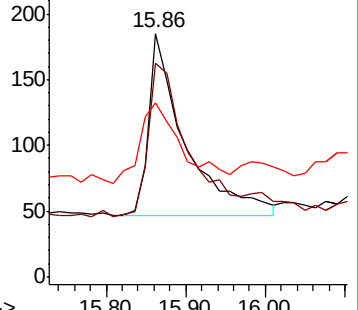
141 52.2 25.4 38.2#



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: 0.496 ng

RT: 13.00 min Scan# 818

Delta R.T. -0.01 min

Lab File: BE100984.D

Acq: 26 Dec 2019 23:06

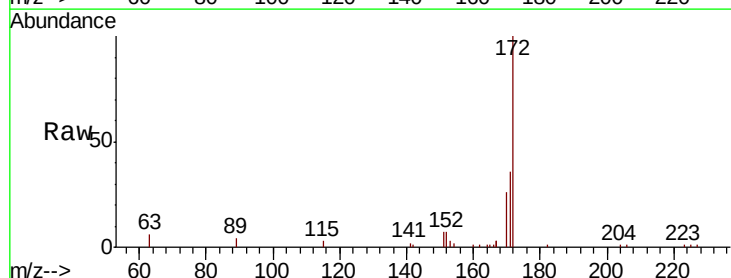
Tgt Ion:172 Resp: 13423

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

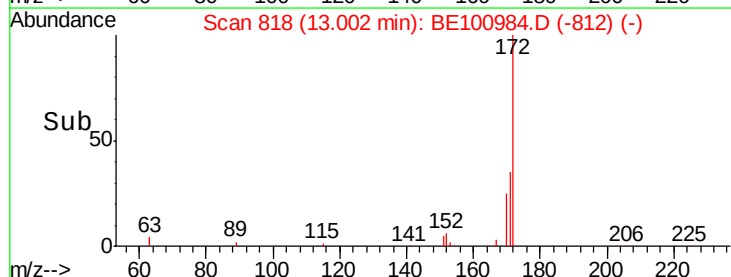
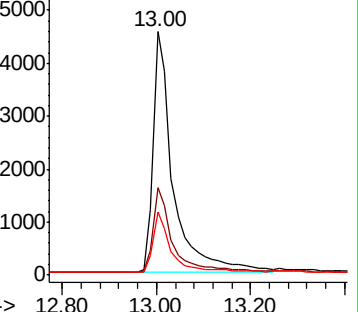
170 26.2 20.0 30.0

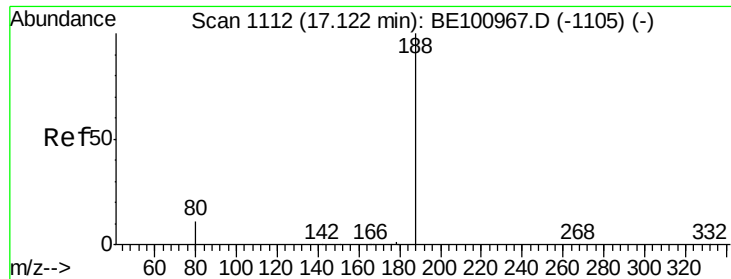


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

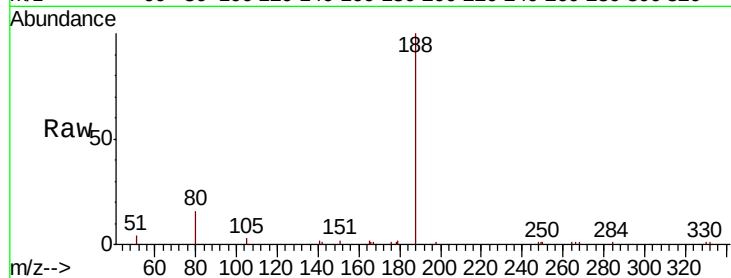




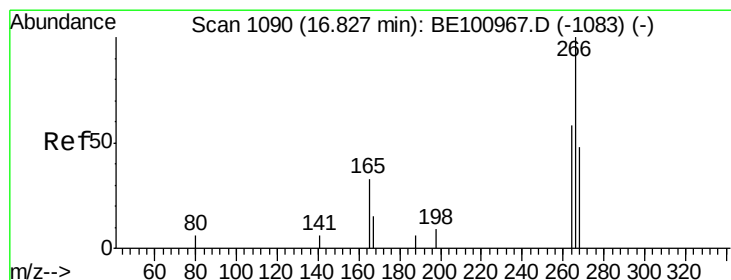
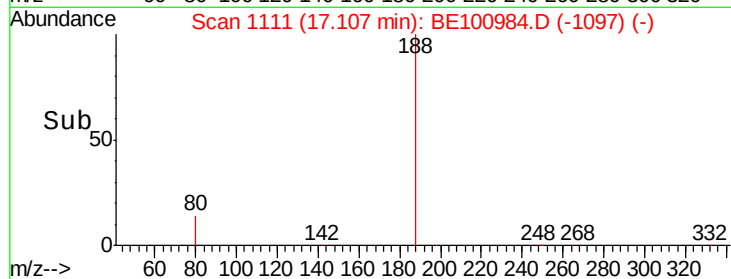
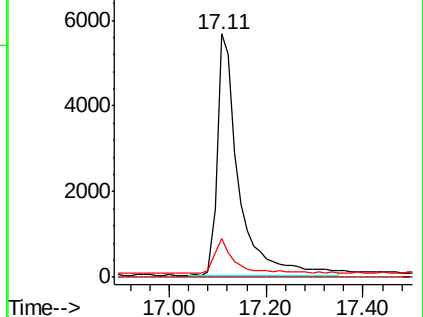
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100984.D
Acq: 26 Dec 2019 23:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 17330
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.9 9.7 14.5#

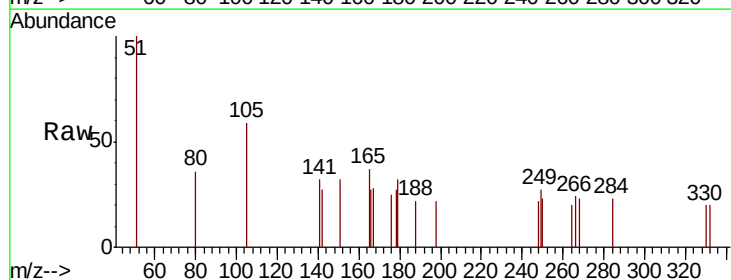


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

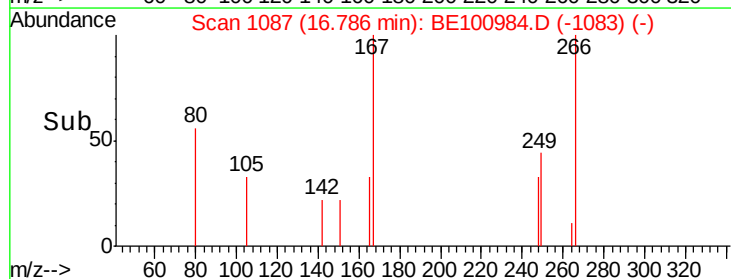
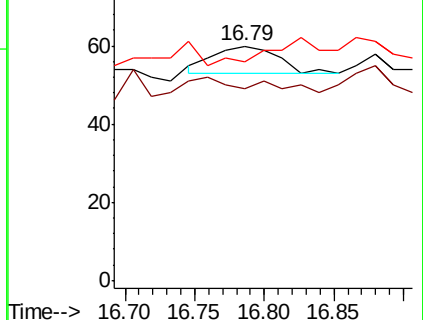


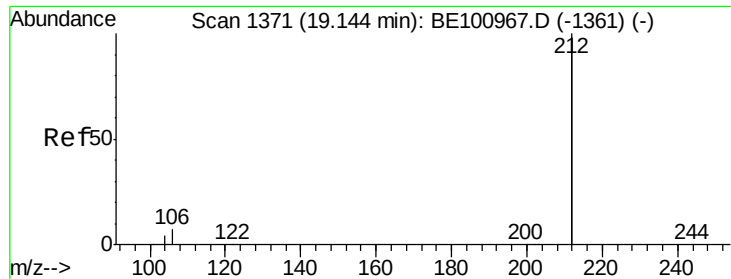
#22
Pentachlorophenol
Concen: 0.117 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.04 min
Lab File: BE100984.D
Acq: 26 Dec 2019 23:06

Tgt Ion:266 Resp: 22
Ion Ratio Lower Upper
266 100
264 81.7 62.3 93.5
268 93.3 66.1 99.1



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: 0.487 ng

RT: 19.14 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BE100984.D

Acq: 26 Dec 2019 23:06

Instrument :

BNA_E

ClientSampleId :

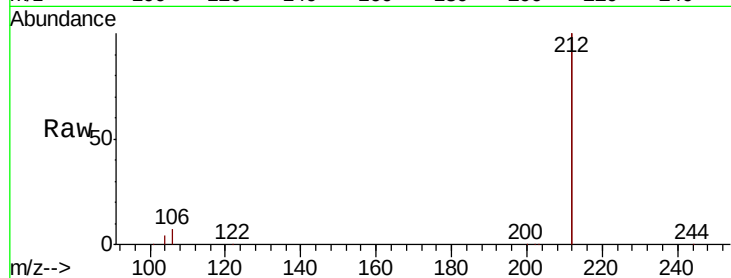
Tot Ion:212 Resp: 102334

Ion Ratio Lower Upper

212 100

106 3.2 2.4 3.6

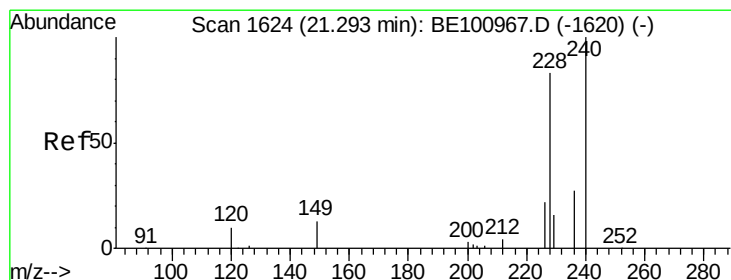
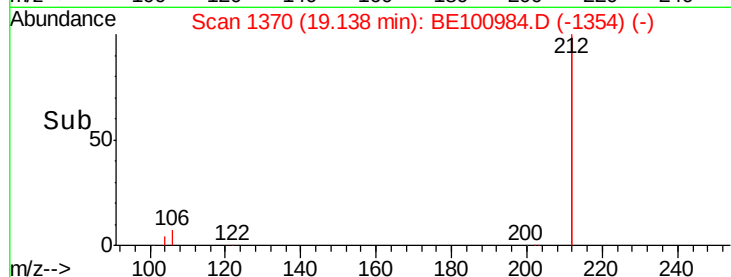
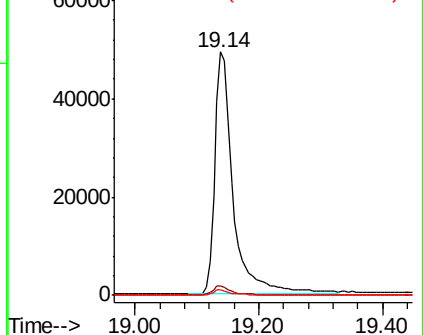
104 1.8 1.4 2.0



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: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100984.D

Acq: 26 Dec 2019 23:06

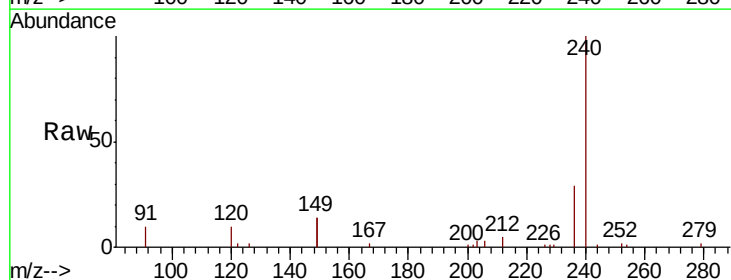
Tgt Ion:240 Resp: 18085

Ion Ratio Lower Upper

240 100

120 10.4 10.2 15.4

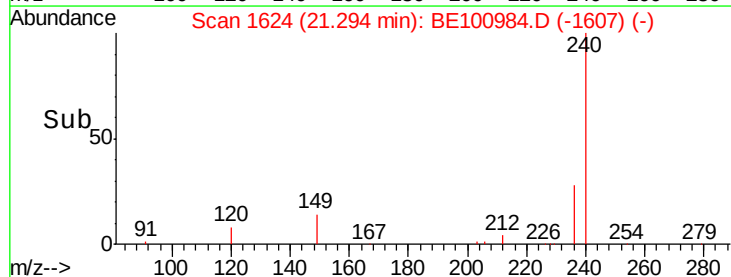
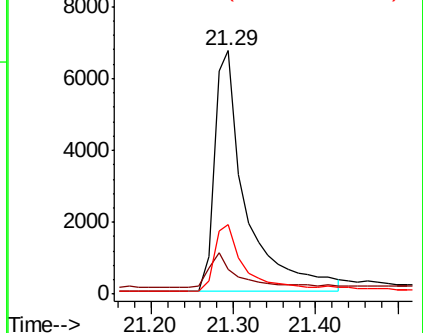
236 28.5 22.6 34.0

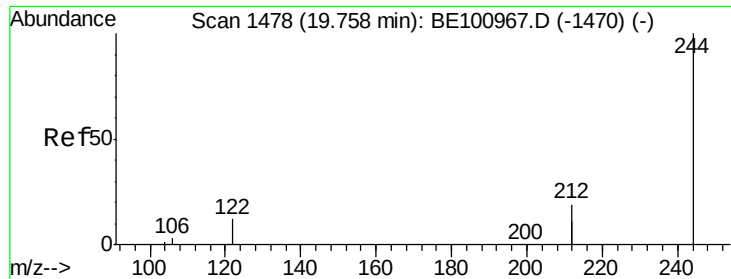


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.709 ng

RT: 19.74 min Scan# 1475

Delta R.T. -0.02 min

Lab File: BE100984.D

Acq: 26 Dec 2019 23:06

Instrument :

BNA_E

ClientSampleId :

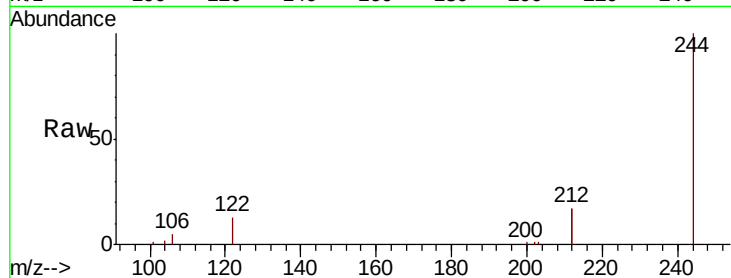
Tot Ion:244 Resp: 29458

Ion Ratio Lower Upper

244 100

212 33.1 29.3 43.9

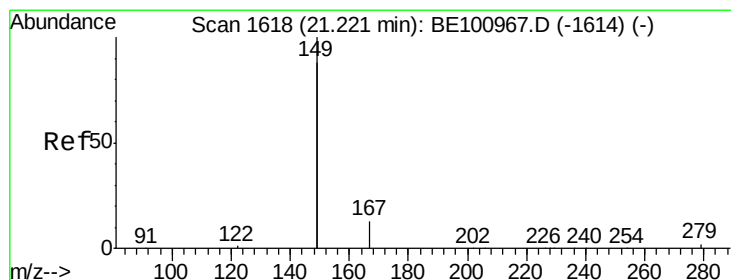
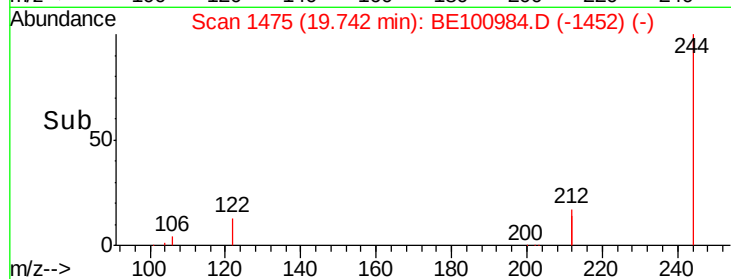
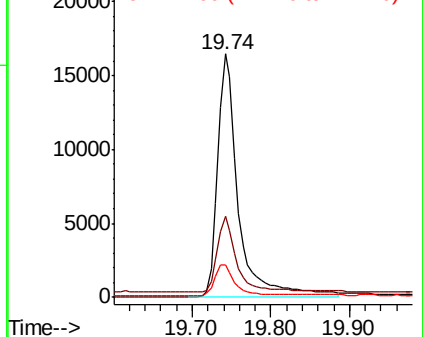
122 13.3 10.2 15.4



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: 0.747 ng

RT: 21.21 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BE100984.D

Acq: 26 Dec 2019 23:06

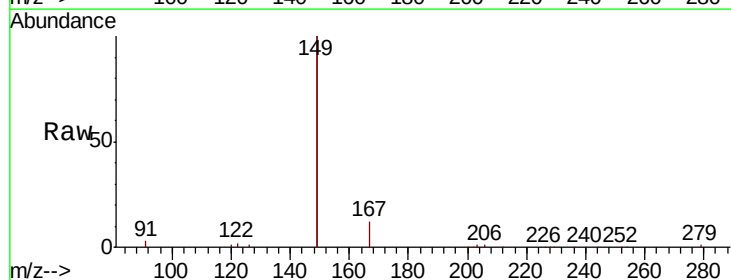
Tgt Ion:149 Resp: 59695

Ion Ratio Lower Upper

149 100

167 6.5 5.1 7.7

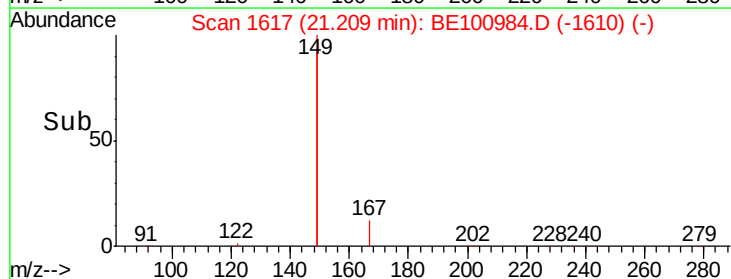
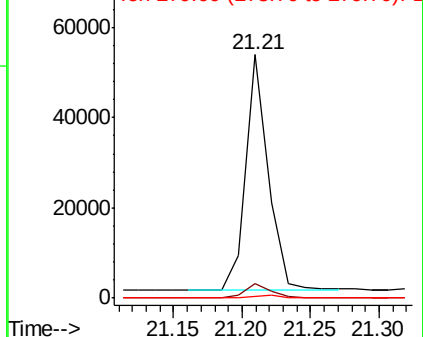
279 0.9 0.6 1.0

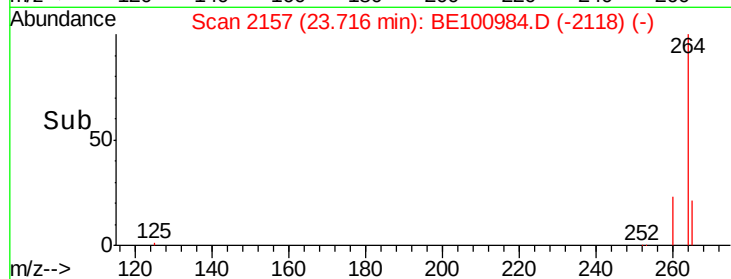
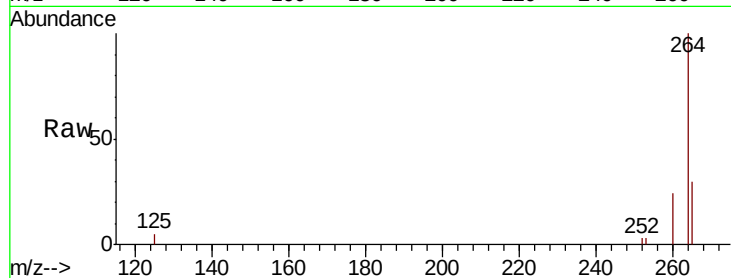
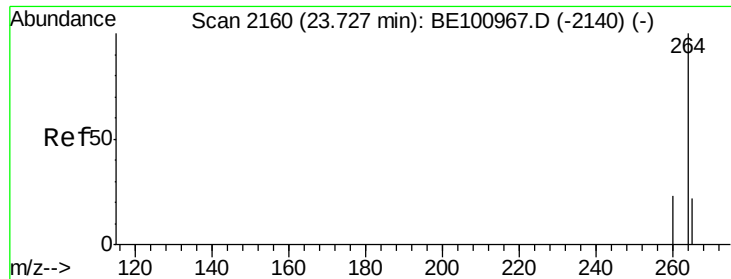


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.72 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BE100984.D

Acq: 26 Dec 2019 23:06

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 20443

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 29.9 26.6 40.0

