

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
 Data File : BE100978.D
 Acq On : 26 Dec 2019 19:26
 Operator : JU
 Sample : K6365-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 27 01:08:53 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

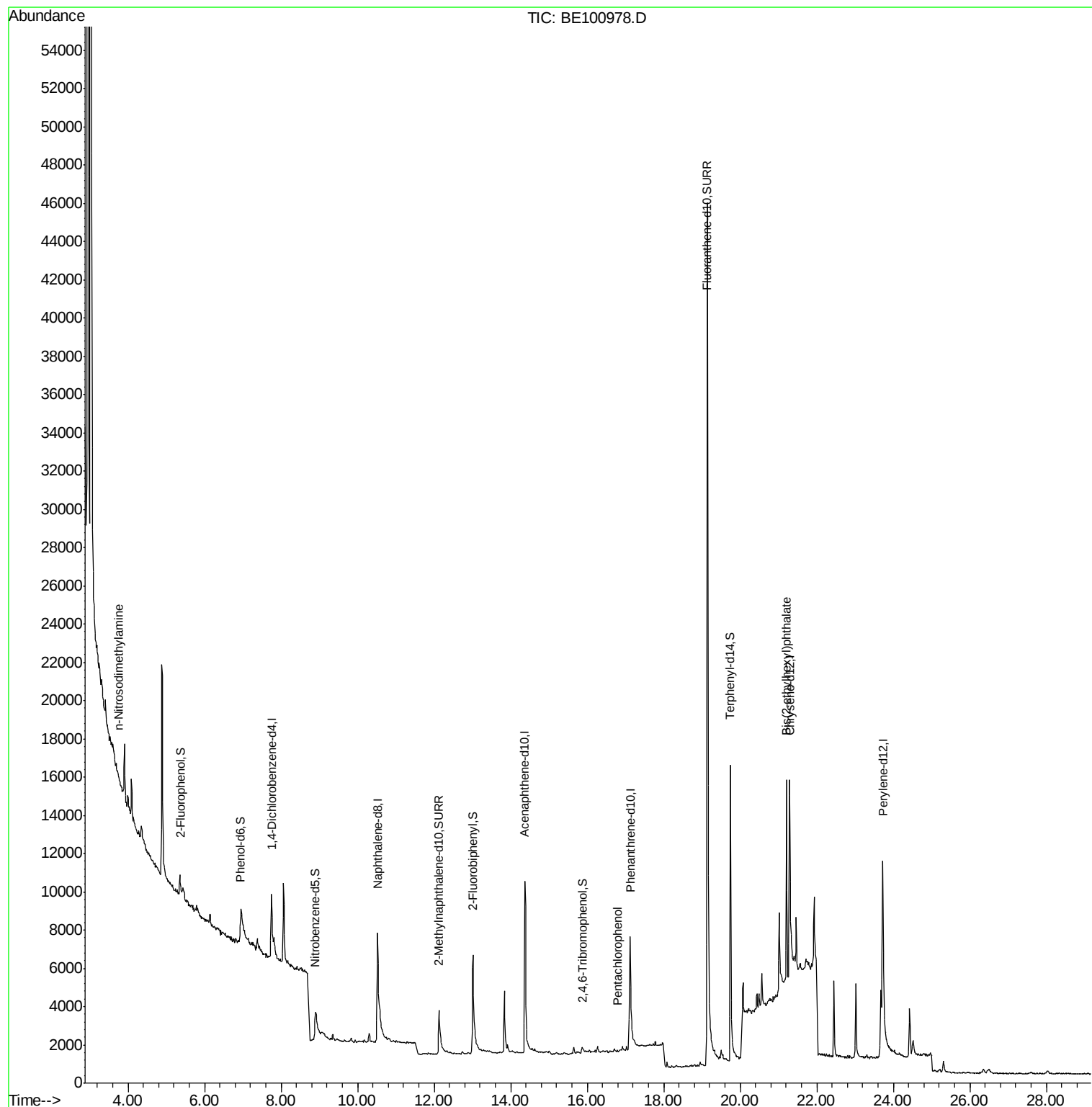
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2604	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	12065	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	7534	0.40	ng	-0.01
19) Phenanthrene-d10	17.12	188	17453	0.40	ng	0.00
27) Chrysene-d12	21.29	240	20323	0.40	ng	0.00
34) Perylene-d12	23.72	264	22865	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	814	0.18	ng	0.00
5) Phenol-d6	6.93	99	437	0.25	ng	-0.06
8) Nitrobenzene-d5	8.90	82	1762	0.41	ng	-0.01
11) 2-Methylnaphthalene-d10	12.12	152	6541	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	399	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	10408	0.39	ng	0.00
25) Fluoranthene-d10	19.14	212	94716	0.45	ng	0.00
29) Terphenyl-d14	19.74	244	19205	0.41	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.31	88	853	Below Cal	Qvalue #	3
3) n-Nitrosodimethylamine	3.75	42	159	0.368 ng	#	1
22) Pentachlorophenol	16.79	266	7	0.102 ng	#	80
32) Bis(2-ethylhexyl)phthalate	21.21	149	12541	0.130 ng	#	99

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

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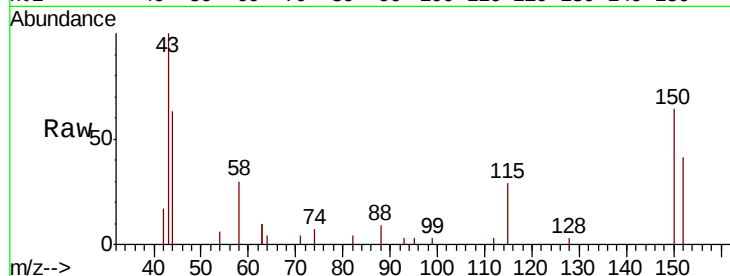


#1

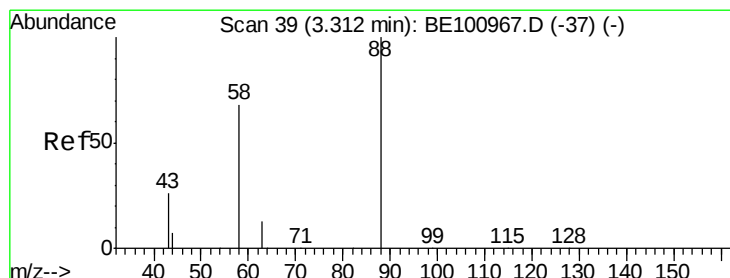
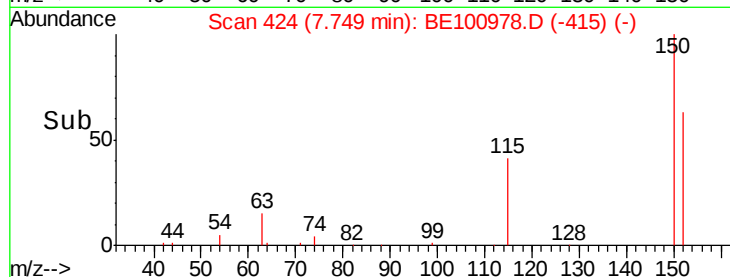
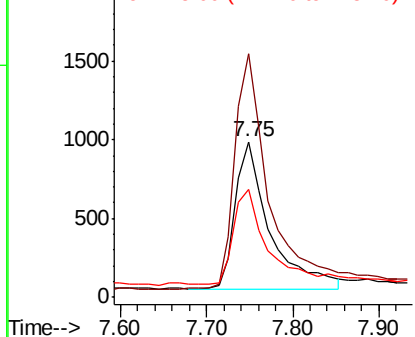
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100978.D
Acq: 26 Dec 2019 19:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2604
Ion Ratio Lower Upper
152 100
150 156.7 132.6 199.0
115 69.9 64.1 96.1



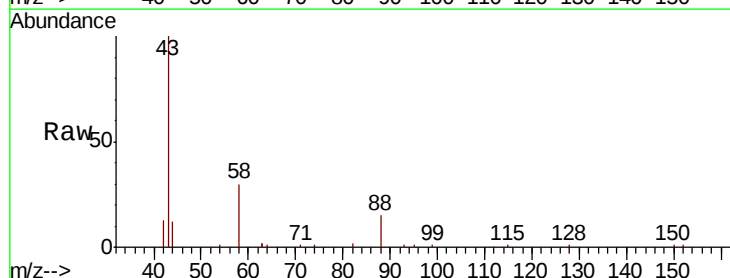
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



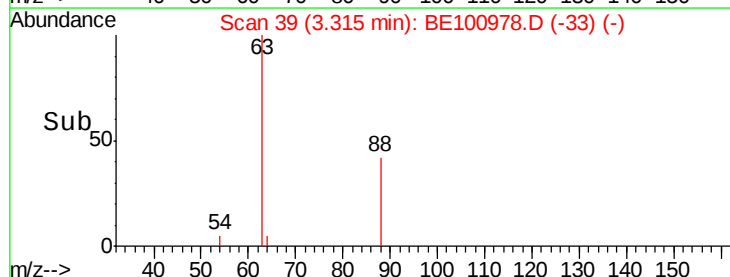
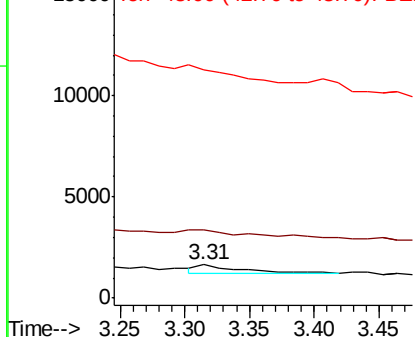
#2

1,4-Dioxane
Concen: Below Cal
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100978.D
Acq: 26 Dec 2019 19:26

Tgt Ion: 88 Resp: 853
Ion Ratio Lower Upper
88 100
58 141.1 44.2 66.4#
43 0.0 21.0 31.6#



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: 0.368 ng

RT: 3.75 min Scan# 77

Delta R.T. 0.08 min

Lab File: BE100978.D

Acq: 26 Dec 2019 19:26

Instrument :

BNA_E

ClientSampleId :

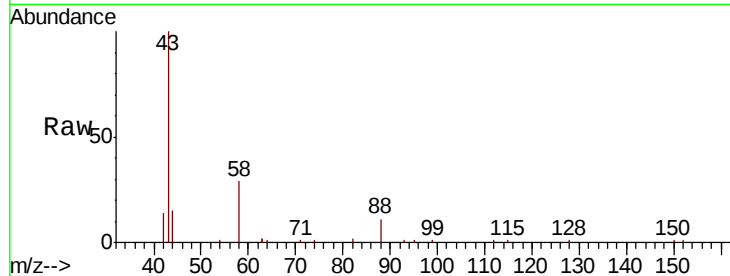
Tot Ion: 42 Resp: 159

Ion Ratio Lower Upper

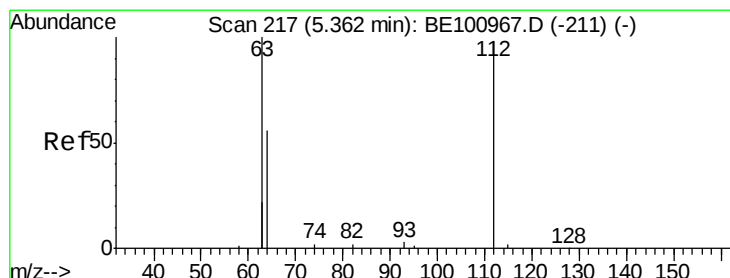
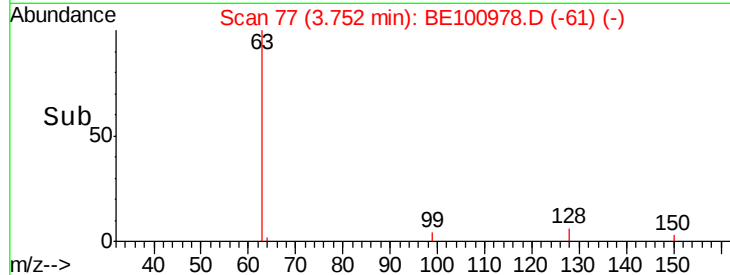
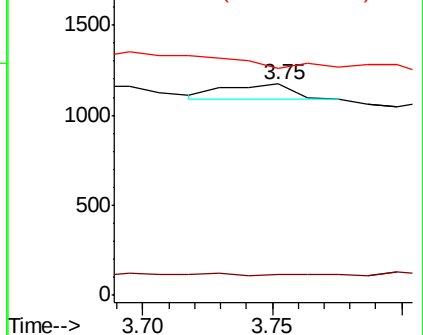
42 100

74 0.0 116.6 174.8#

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: 0.185 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE100978.D

Acq: 26 Dec 2019 19:26

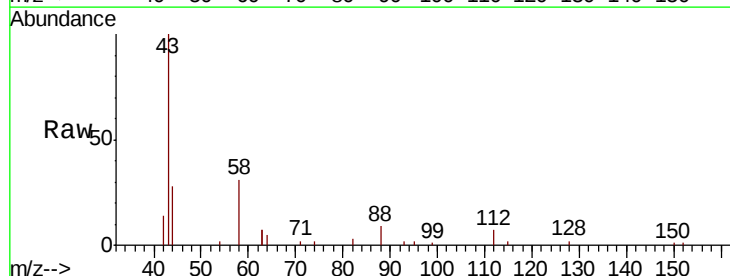
Tgt Ion: 112 Resp: 814

Ion Ratio Lower Upper

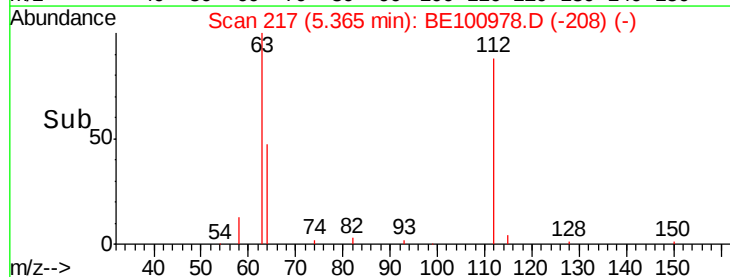
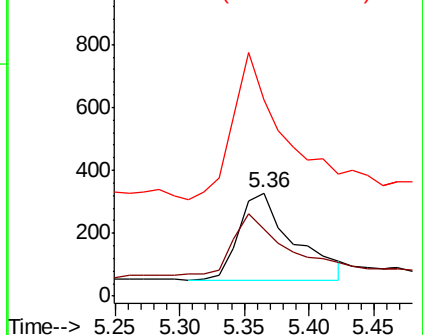
112 100

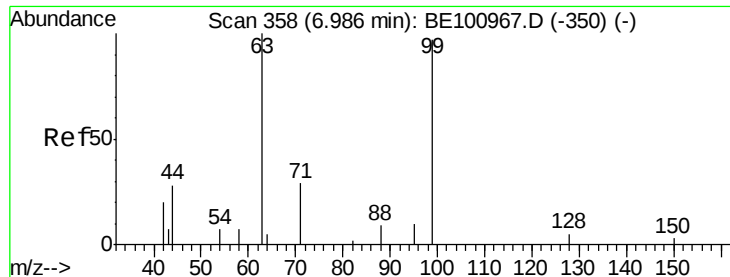
64 69.9 59.0 88.6

63 157.4 121.4 182.0



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





#5

Phenol-d6

Concen: 0.250 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.06 min

Lab File: BE100978.D

Acq: 26 Dec 2019 19:26

Instrument :

BNA_E

ClientSampled :

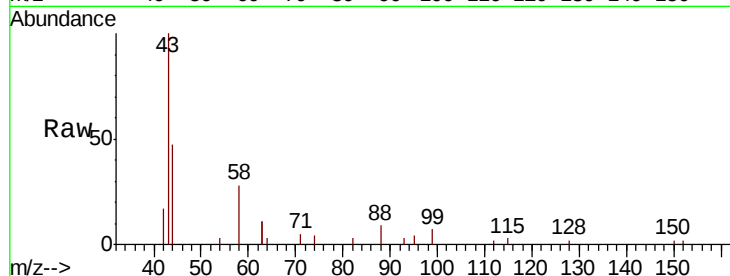
Tot Ion: 99 Resp: 437

Ion Ratio Lower Upper

99 100

42 27.9 0.0 0.0#

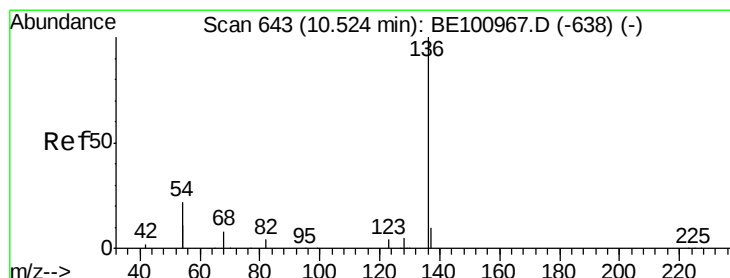
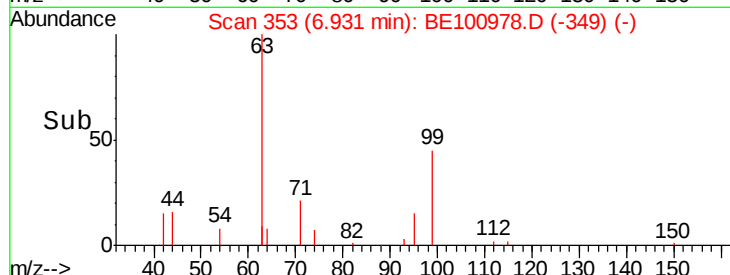
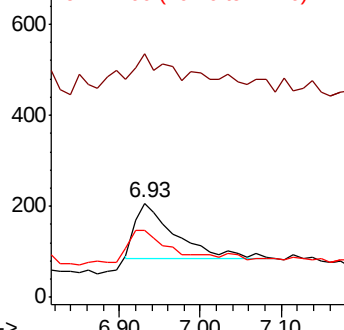
71 35.5 0.0 0.0#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. 0.00 min

Lab File: BE100978.D

Acq: 26 Dec 2019 19:26

Tgt Ion: 136 Resp: 12065

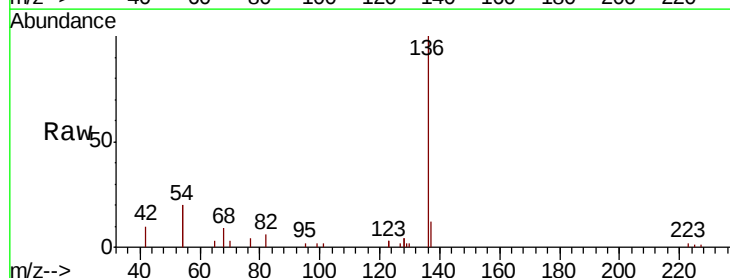
Ion Ratio Lower Upper

136 100

137 12.2 9.0 13.6

54 40.5 34.4 51.6

68 8.7 7.8 11.6

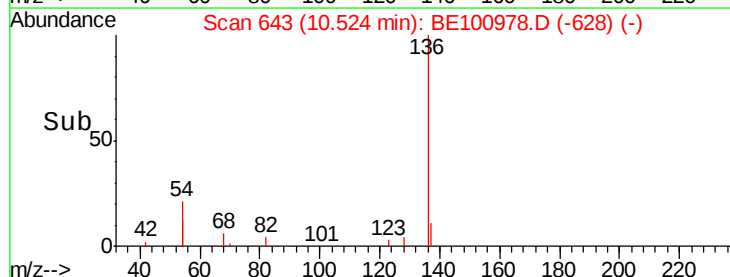
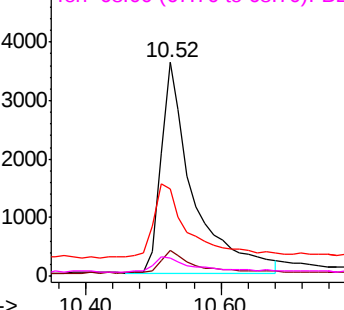


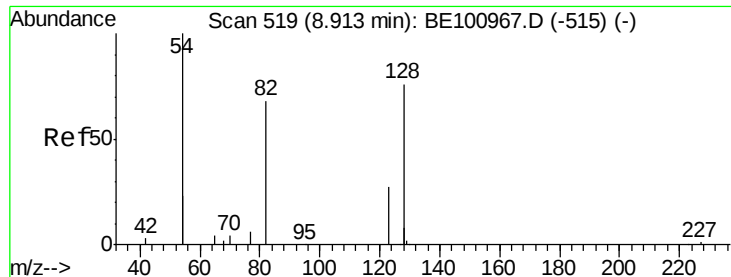
Abundance Ion 136.00 (135.70 to 136.70): E

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

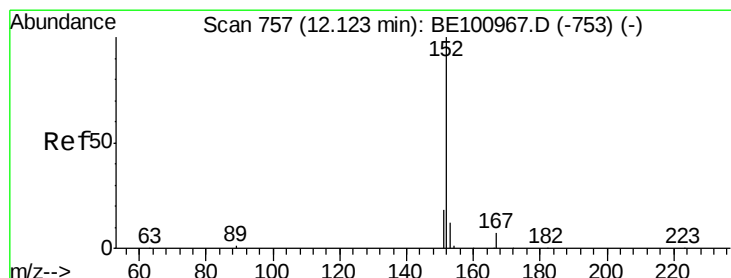
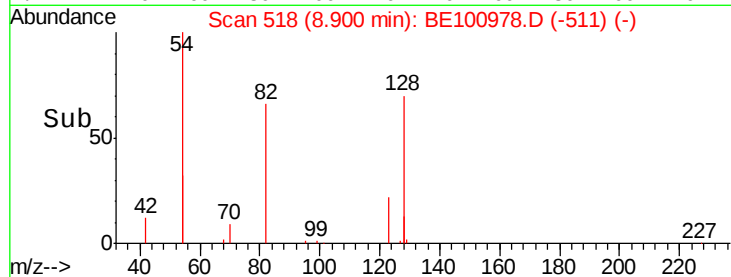
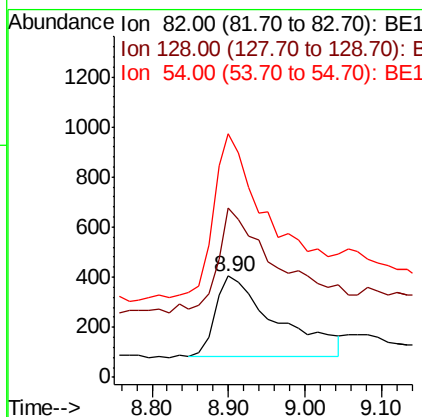
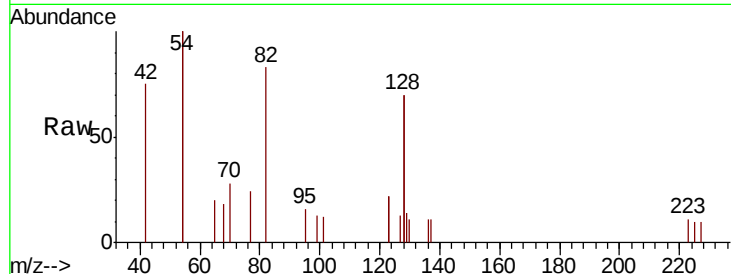




#8
 Nitrobenzene-d5
 Concen: 0.405 ng
 RT: 8.90 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BE100978.D
 Acq: 26 Dec 2019 19:26

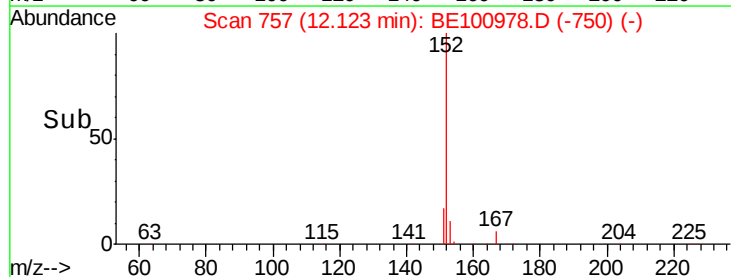
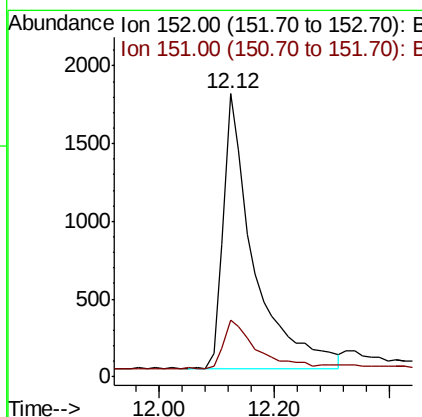
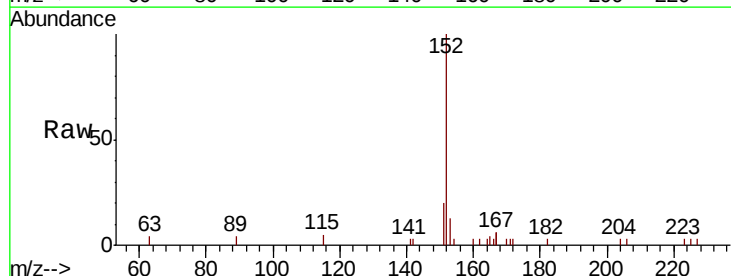
Instrument :
 BNA_E
 ClientSampled :

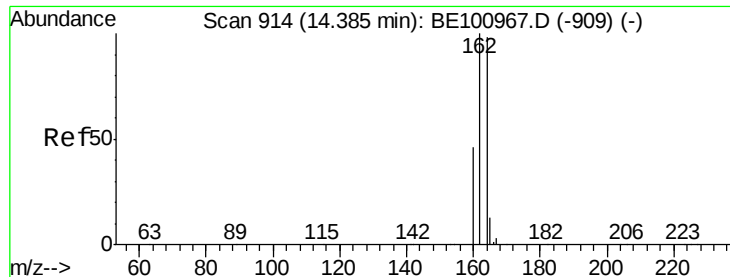
Tot Ion: 82 Resp: 1762
 Ion Ratio Lower Upper
 82 100
 128 166.9 140.2 210.2
 54 240.0 183.8 275.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.369 ng
 RT: 12.12 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BE100978.D
 Acq: 26 Dec 2019 19:26

Tgt Ion: 152 Resp: 6541
 Ion Ratio Lower Upper
 152 100
 151 20.4 15.1 22.7

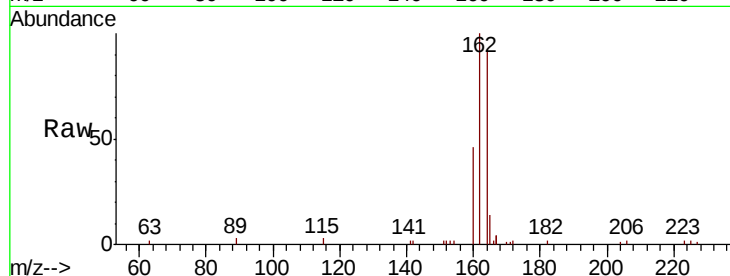




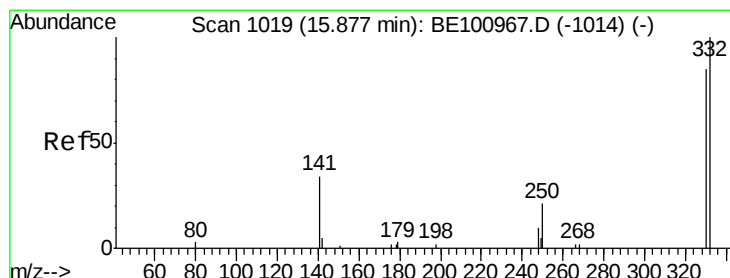
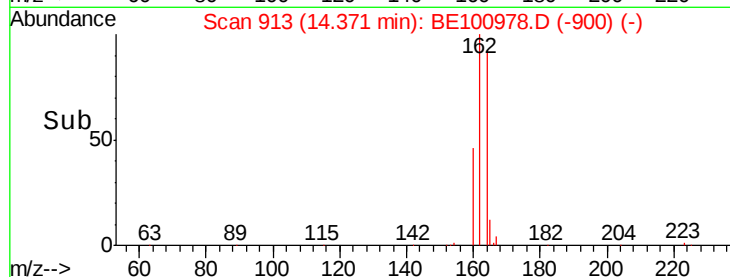
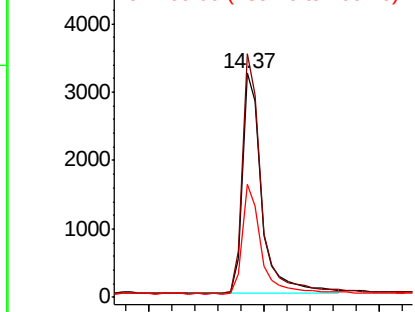
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100978.D
Acq: 26 Dec 2019 19:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 7534
Ion Ratio Lower Upper
164 100
162 108.8 81.6 122.4
160 50.4 37.7 56.5

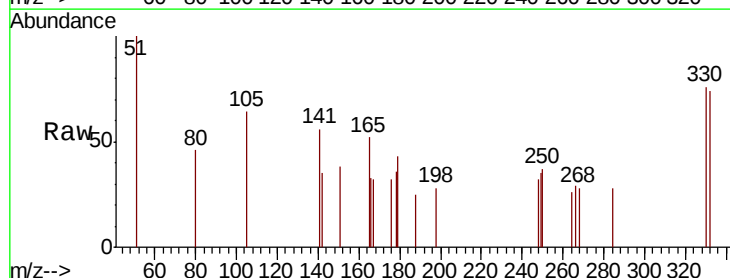


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

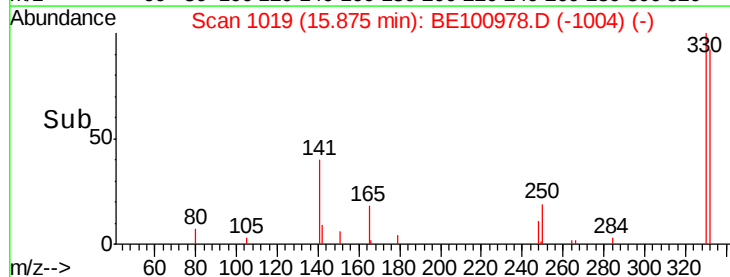
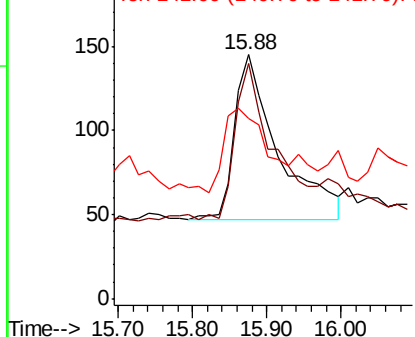


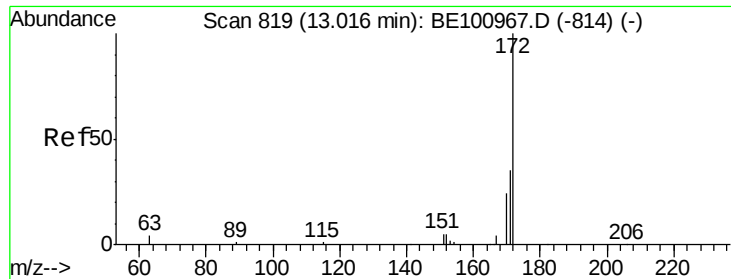
#14
2,4,6-Tribromophenol
Concen: 0.379 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100978.D
Acq: 26 Dec 2019 19:26

Tgt Ion:330 Resp: 399
Ion Ratio Lower Upper
330 100
332 82.5 72.4 108.6
141 45.4 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

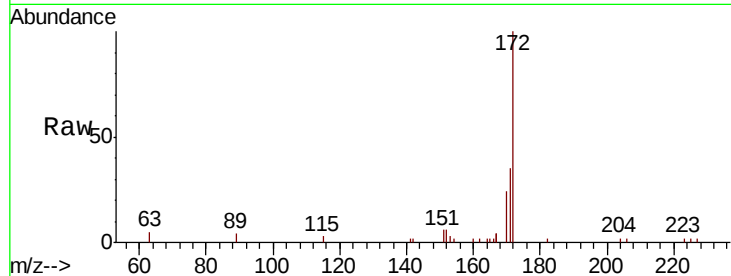




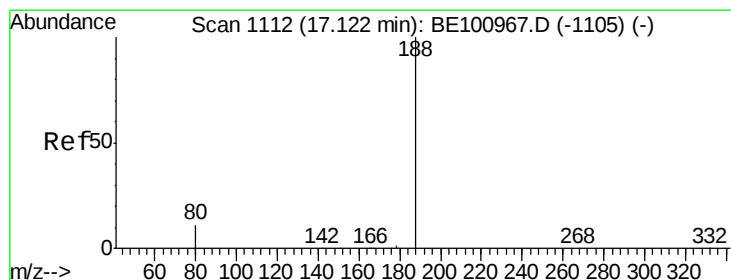
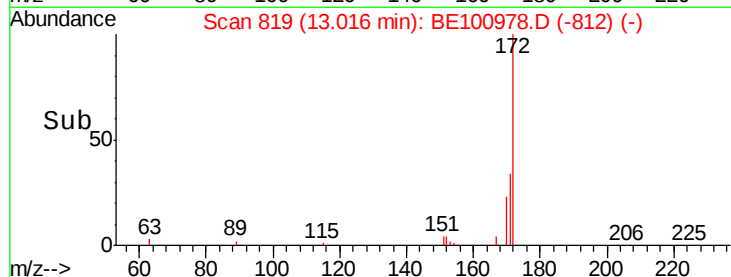
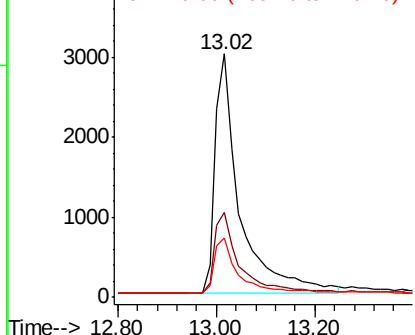
#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100978.D
Acq: 26 Dec 2019 19:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 10408
Ion Ratio Lower Upper
172 100
171 34.9 29.0 43.6
170 24.5 20.0 30.0

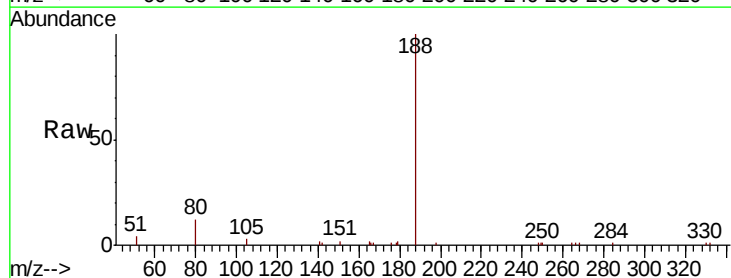


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

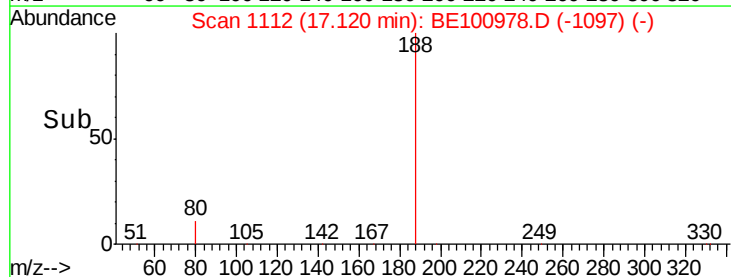
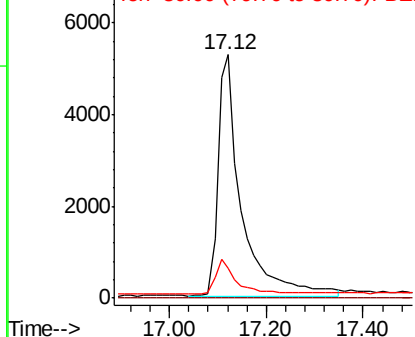


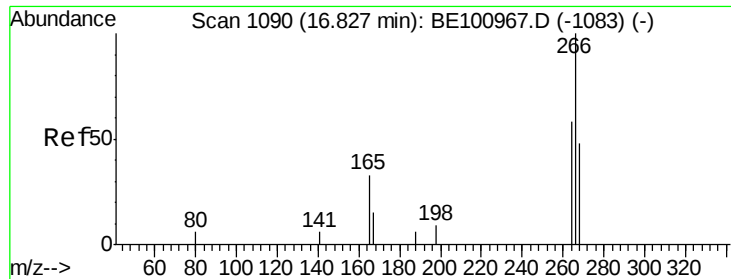
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE100978.D
Acq: 26 Dec 2019 19:26

Tgt Ion:188 Resp: 17453
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 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: 0.102 ng

RT: 16.79 min Scan# 1087

Delta R.T. -0.04 min

Lab File: BE100978.D

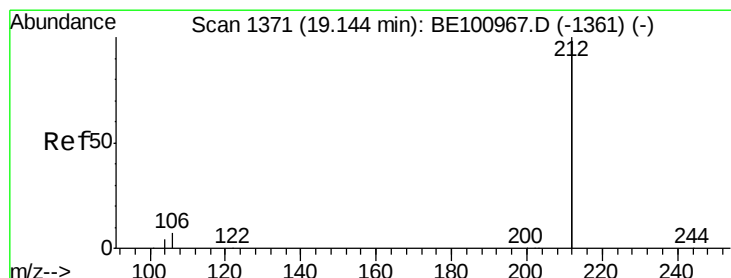
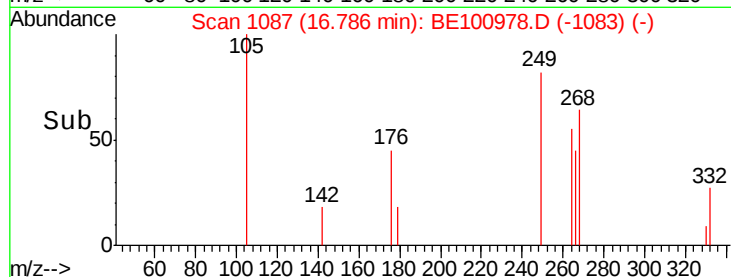
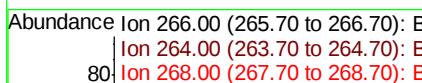
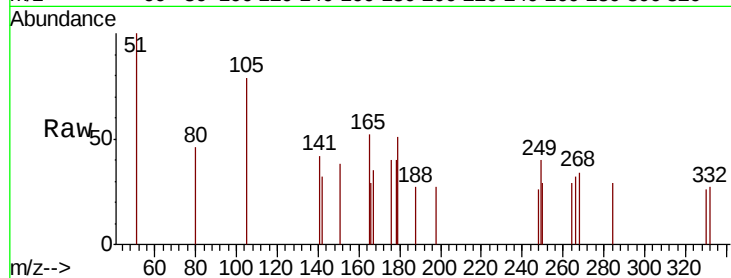
Acq: 26 Dec 2019 19:26

Instrument :

BNA_E

ClientSampleId :

Tot Ion:266	Resp: 7
Ion Ratio	Lower Upper
266 100	
264 90.2	62.3 93.5
268 104.9	66.1 99.1#



#25

Fluoranthene-d10

Concen: 0.447 ng

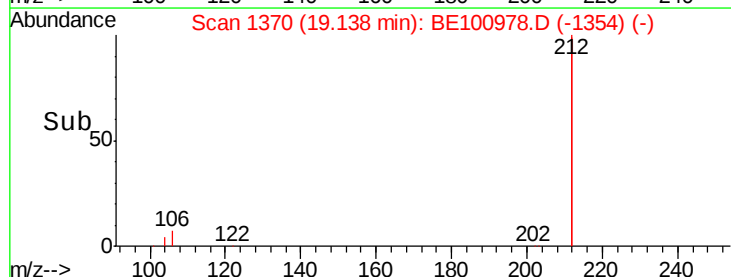
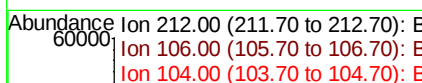
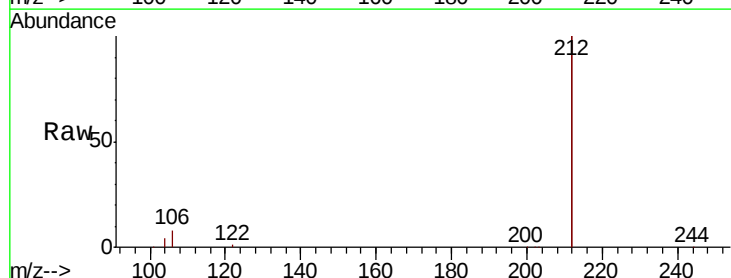
RT: 19.14 min Scan# 1370

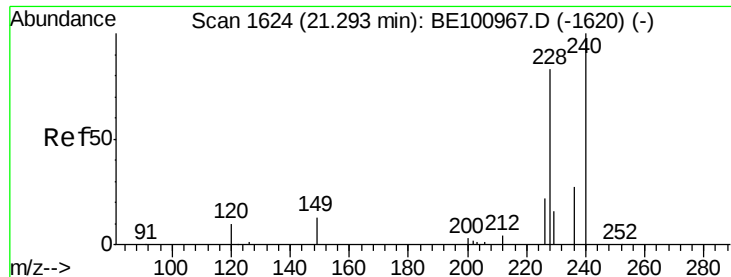
Delta R.T. -0.01 min

Lab File: BE100978.D

Acq: 26 Dec 2019 19:26

Tgt Ion	212	Resp: Lower	94716 Upper
	Ratio		
212	100		
106	3.2	2.4	3.6
104	1.9	1.4	2.0

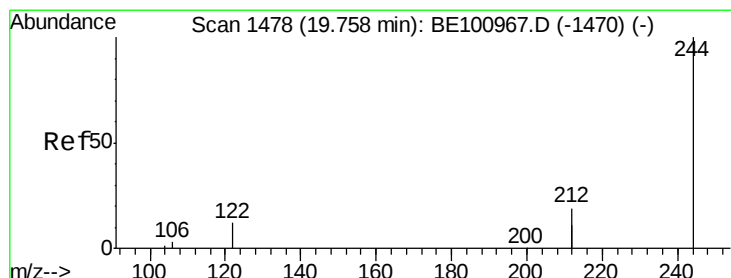
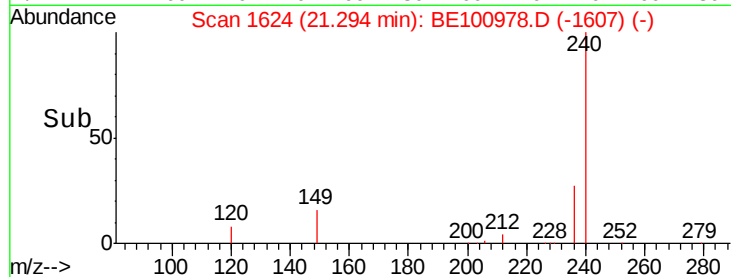
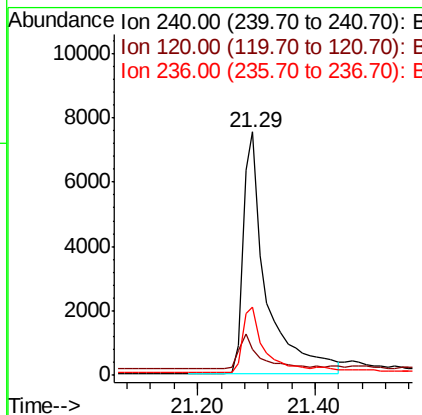
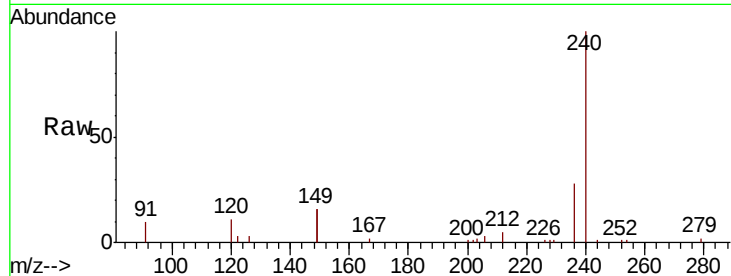




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100978.D
Acq: 26 Dec 2019 19:26

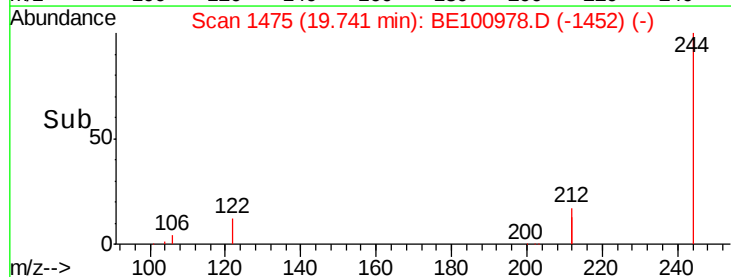
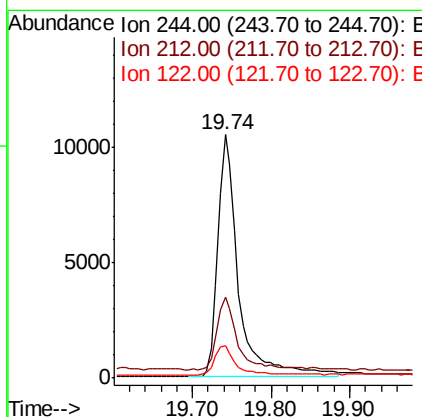
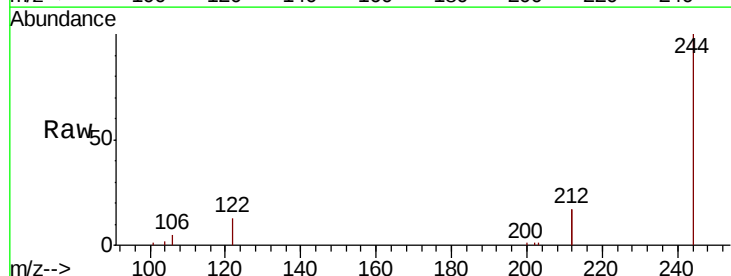
Instrument :
BNA_E
ClientSampleId :

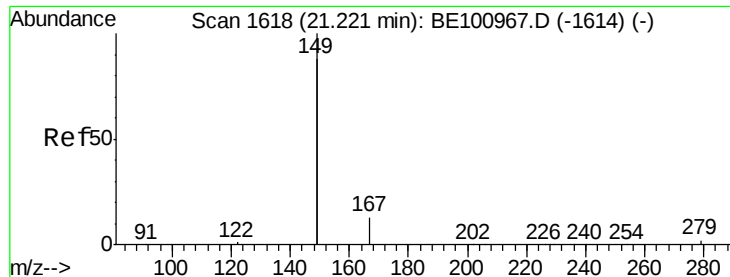
Tot Ion:240 Resp: 20323
Ion Ratio Lower Upper
240 100
120 10.5 10.2 15.4
236 27.8 22.6 34.0



#29
Terphenyl-d14
Concen: 0.411 ng
RT: 19.74 min Scan# 1475
Delta R.T. -0.02 min
Lab File: BE100978.D
Acq: 26 Dec 2019 19:26

Tgt Ion:244 Resp: 19205
Ion Ratio Lower Upper
244 100
212 33.2 29.3 43.9
122 13.3 10.2 15.4





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.130 ng

RT: 21.21 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BE100978.D

Acq: 26 Dec 2019 19:26

Instrument :

BNA_E

ClientSampleId :

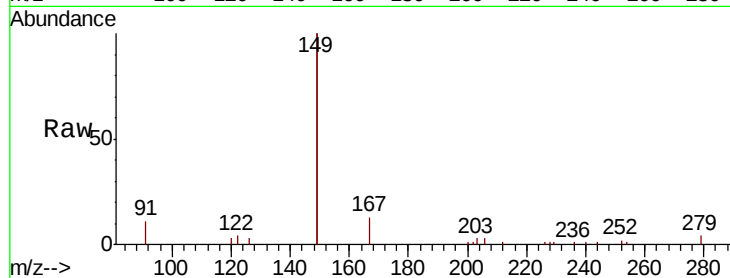
Tot Ion:149 Resp: 12541

Ion Ratio Lower Upper

149 100

167 6.3 5.1 7.7

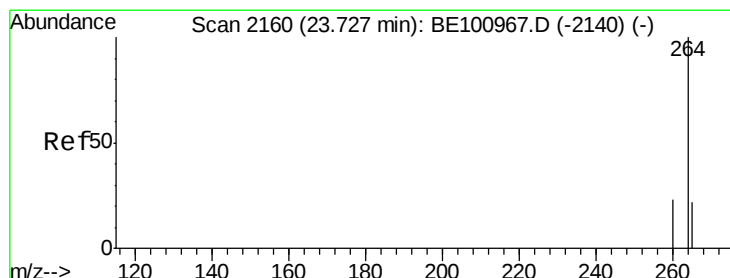
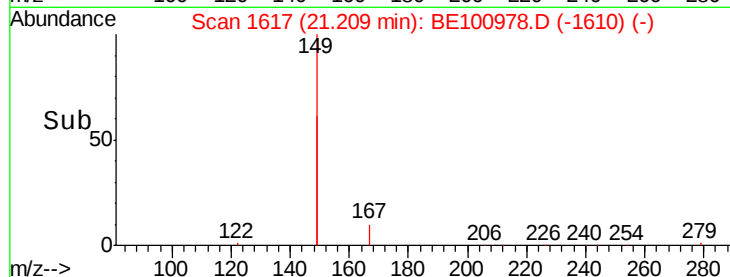
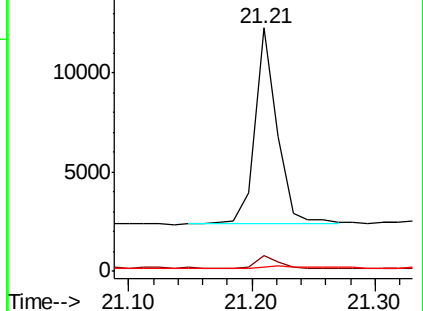
279 2.4 0.6 1.0#



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: 23.72 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BE100978.D

Acq: 26 Dec 2019 19:26

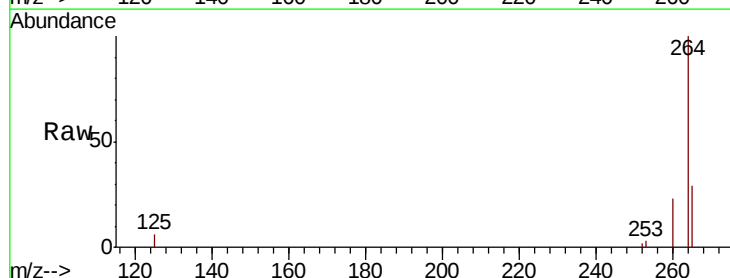
Tgt Ion:264 Resp: 22865

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 29.3 26.6 40.0



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

