

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
 Data File : BE100005.D
 Acq On : 14 Jun 2019 00:25
 Operator : JU/SJ
 Sample : K3280-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20190608

Quant Time: Jun 14 03:27:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

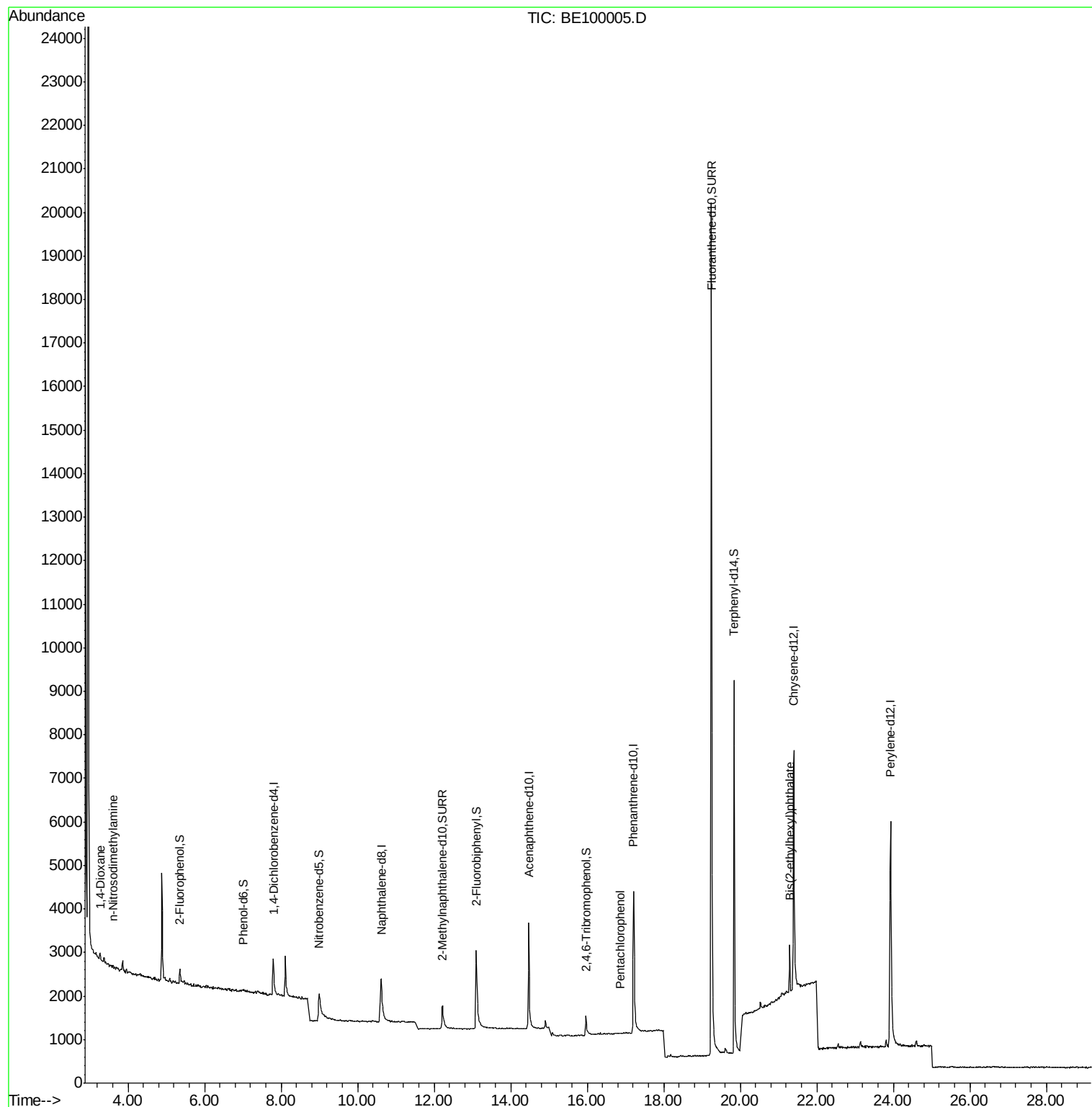
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	650	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2406	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2000	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6736	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8652	0.40	ng	0.00
34) Perylene-d12	23.93	264	10054	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	301	0.17	ng	0.00
5) Phenol-d6	7.00	99	193	0.09	ng	0.03
8) Nitrobenzene-d5	8.99	82	791	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	12.22	152	1533	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	459	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3467	0.46	ng	0.00
25) Fluoranthene-d10	19.24	212	32743	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	9265	0.59	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	191	0.199	ng	Qvalue # 77
3) n-Nitrosodimethylamine	3.60	42	15	0.027	ng	# 100
22) Pentachlorophenol	16.87	266	19	0.310	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.29	149	1299	0.035	ng	100

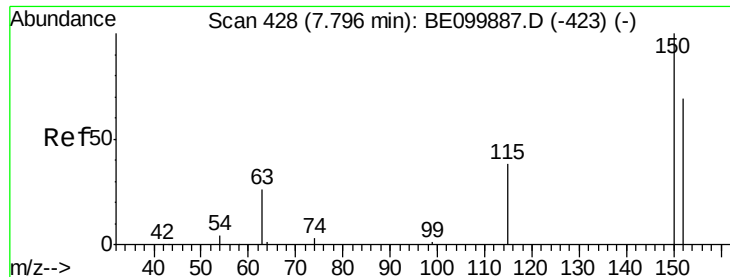
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration



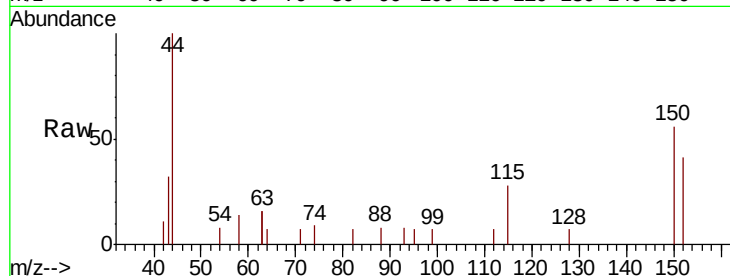


#1

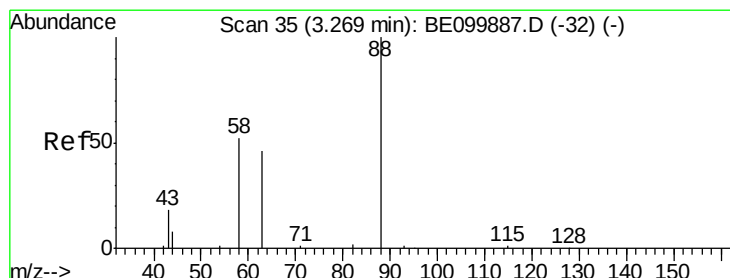
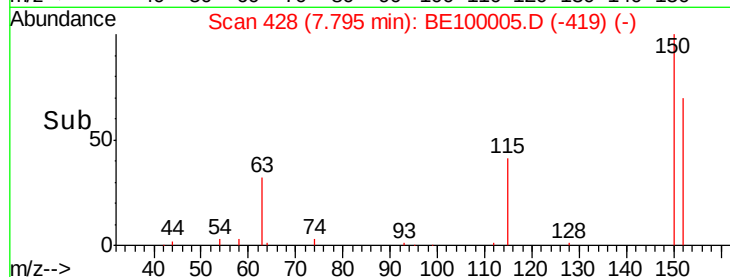
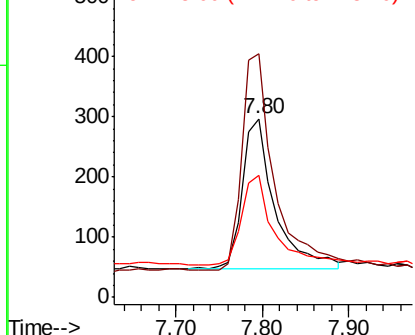
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100005.D
Acq: 14 Jun 2019 00:25

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190608

Tgt Ion: 152 Resp: 650
Ion Ratio Lower Upper
152 100
150 136.0 111.0 166.6
115 68.0 50.7 76.1



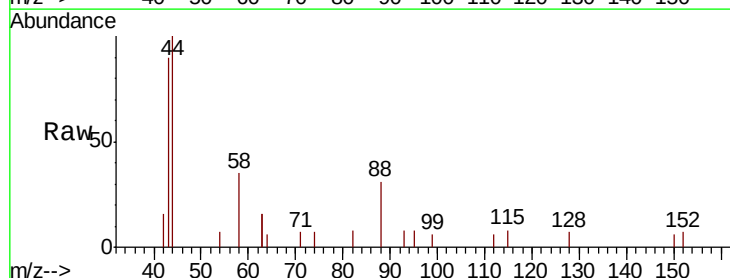
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



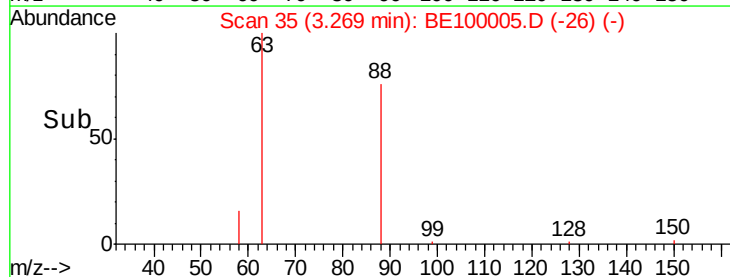
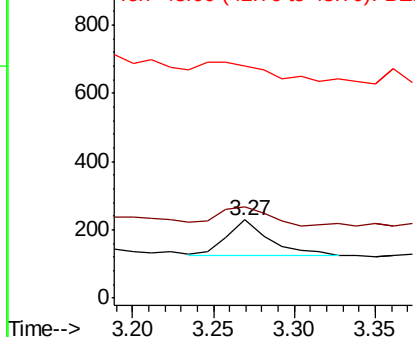
#2

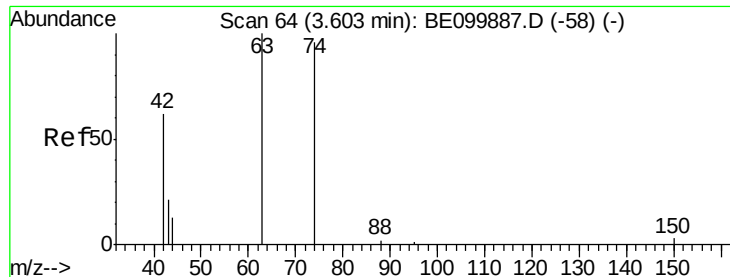
1,4-Dioxane
Concen: 0.199 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE100005.D
Acq: 14 Jun 2019 00:25

Tgt Ion: 88 Resp: 191
Ion Ratio Lower Upper
88 100
58 50.8 48.8 73.2
43 0.0 19.0 28.6#



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: 0.027 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.00 min

Lab File: BE100005.D

Acq: 14 Jun 2019 00:25

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20190608

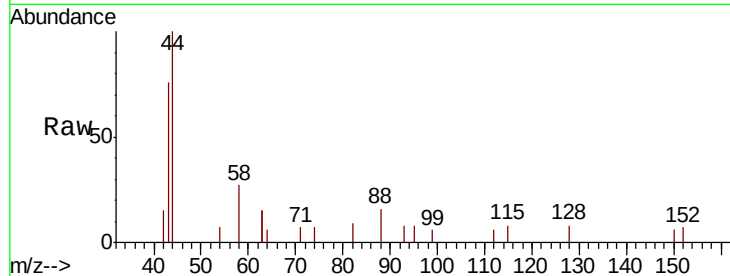
Tgt Ion: 42 Resp: 15

Ion Ratio Lower Upper

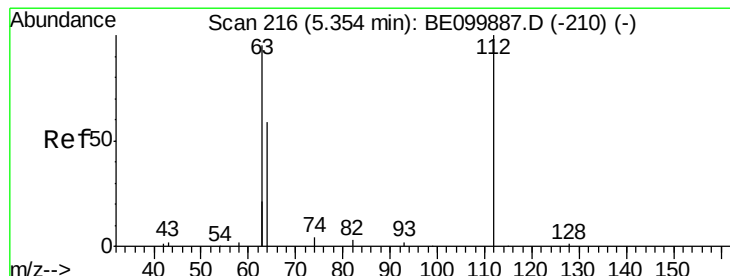
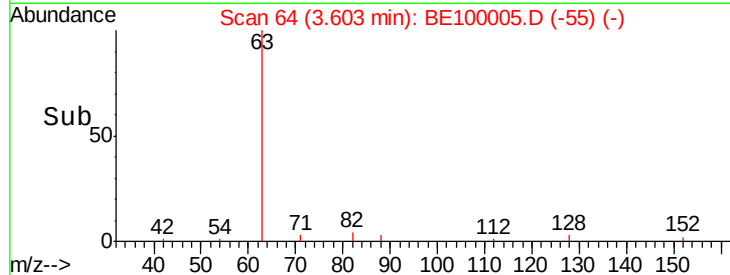
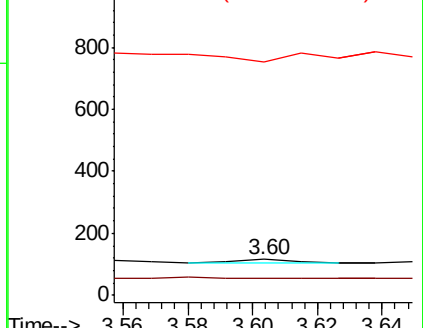
42 100

74 0.0 0.0 0.0

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: 0.172 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE100005.D

Acq: 14 Jun 2019 00:25

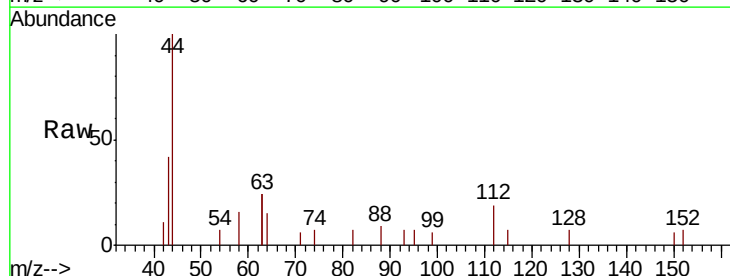
Tgt Ion: 112 Resp: 301

Ion Ratio Lower Upper

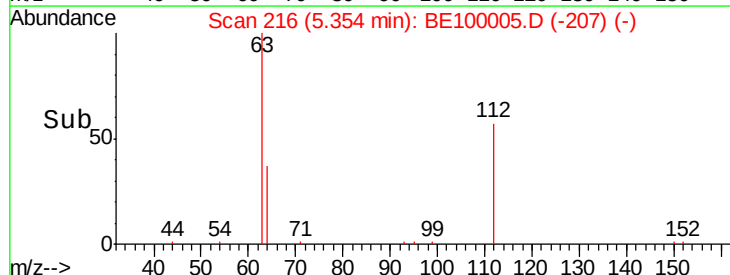
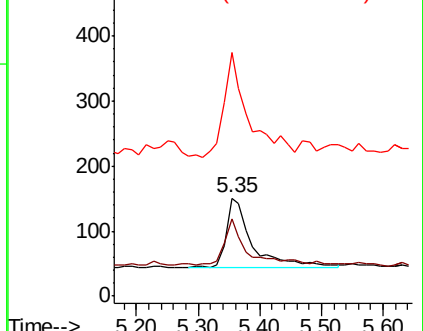
112 100

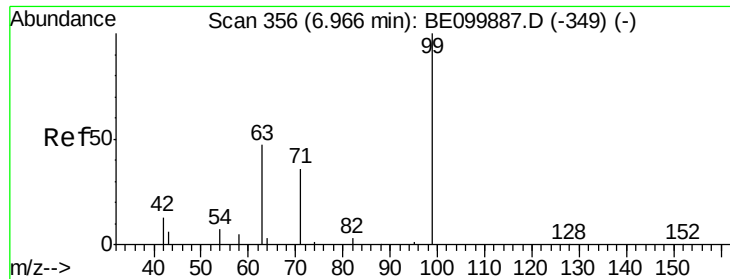
64 52.5 44.1 66.1

63 145.8 87.8 131.6#



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





#5

Phenol-d6

Concen: 0.085 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.03 min

Lab File: BE100005.D

Acq: 14 Jun 2019 00:25

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20190608

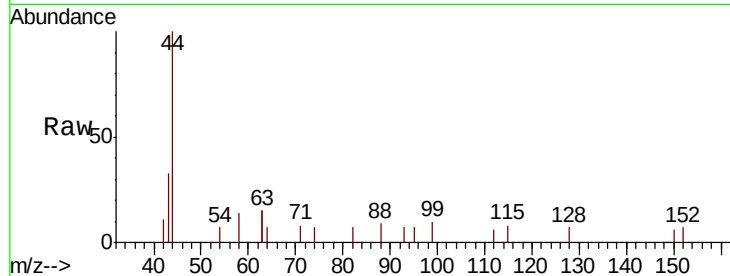
Tgt Ion: 99 Resp: 193

Ion Ratio Lower Upper

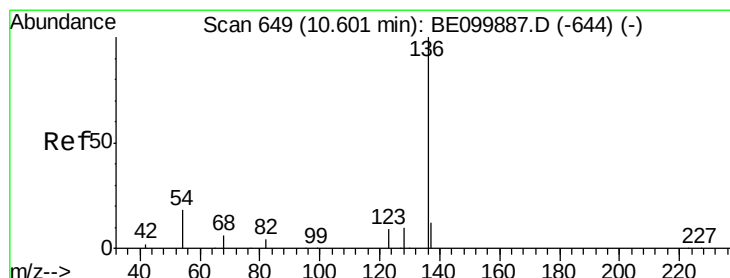
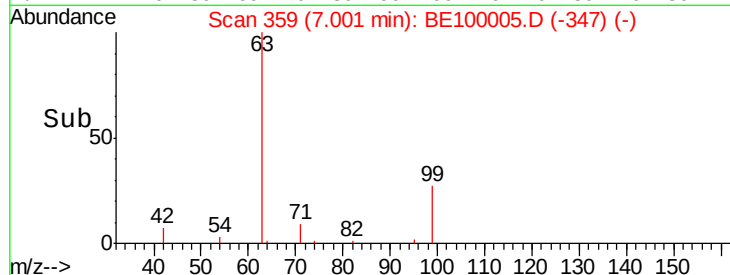
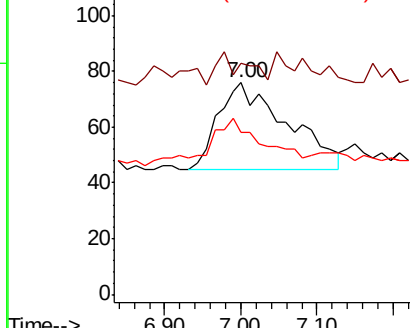
99 100

42 0.0 15.9 23.9#

71 32.6 34.6 52.0#



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: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE100005.D

Acq: 14 Jun 2019 00:25

Tgt Ion: 136 Resp: 2406

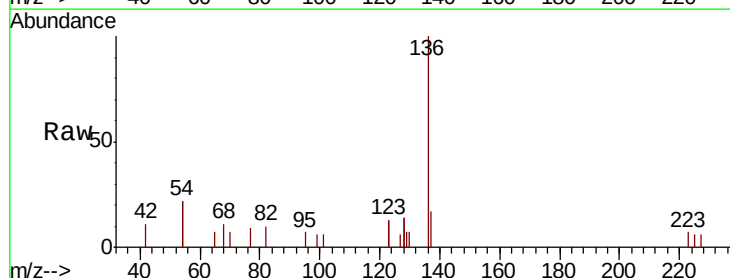
Ion Ratio Lower Upper

136 100

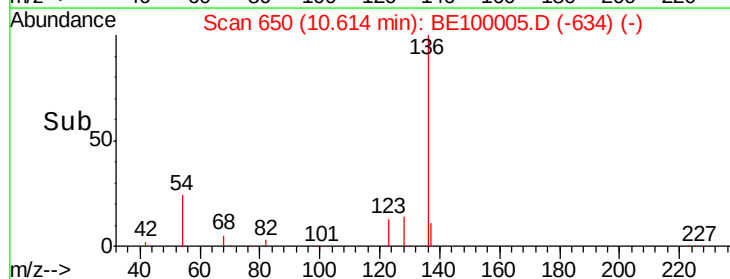
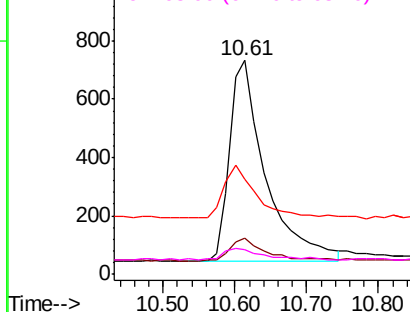
137 16.8 12.3 18.5

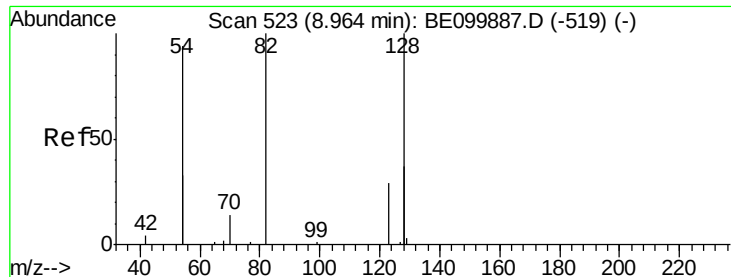
54 44.5 28.2 42.4#

68 11.3 7.8 11.8



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: 0.347 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE100005.D

Acq: 14 Jun 2019 00:25

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20190608

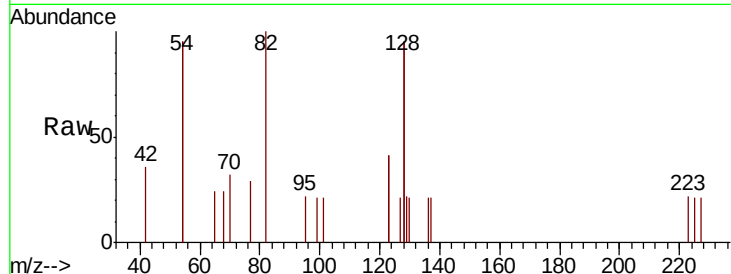
Tgt Ion: 82 Resp: 791

Ion Ratio Lower Upper

82 100

128 189.0 137.3 205.9

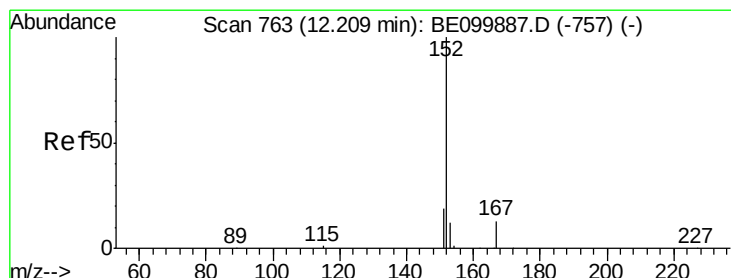
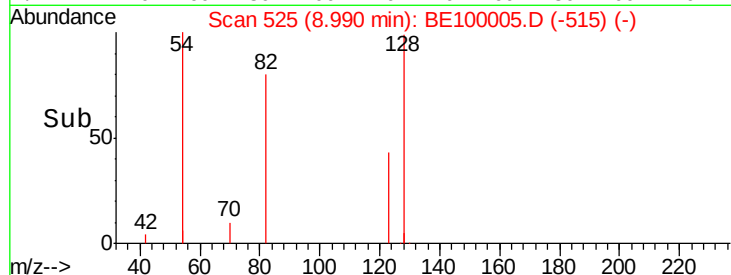
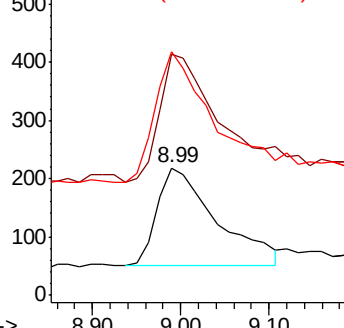
54 190.9 129.7 194.5



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: 0.365 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE100005.D

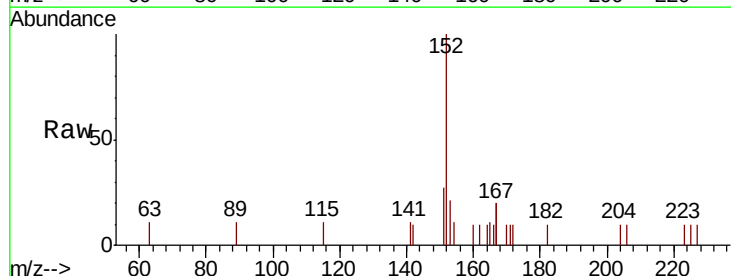
Acq: 14 Jun 2019 00:25

Tgt Ion: 152 Resp: 1533

Ion Ratio Lower Upper

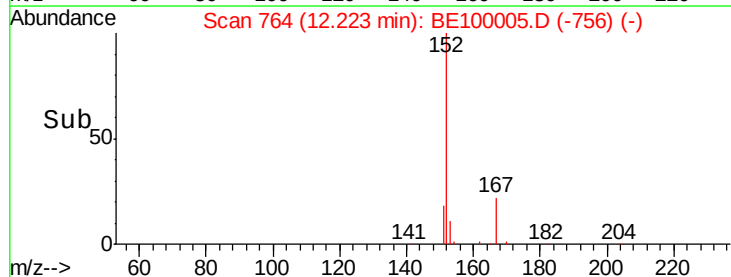
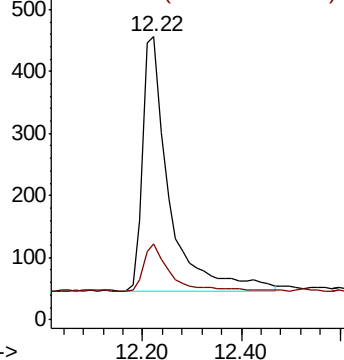
152 100

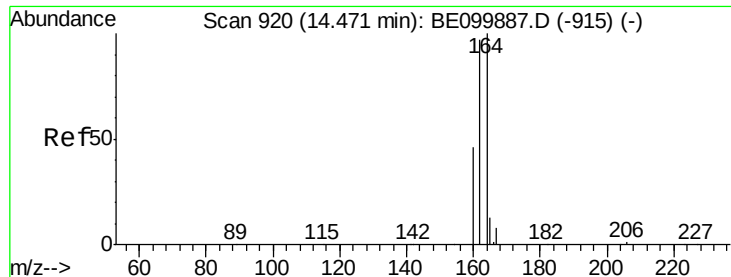
151 18.2 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

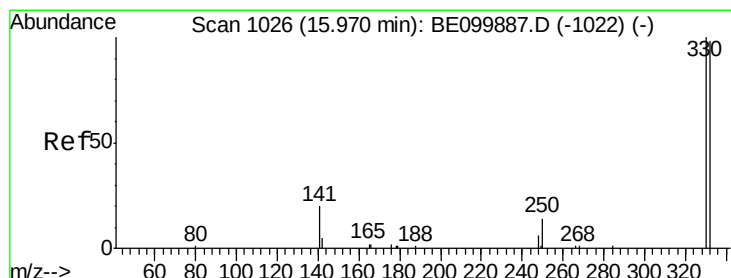
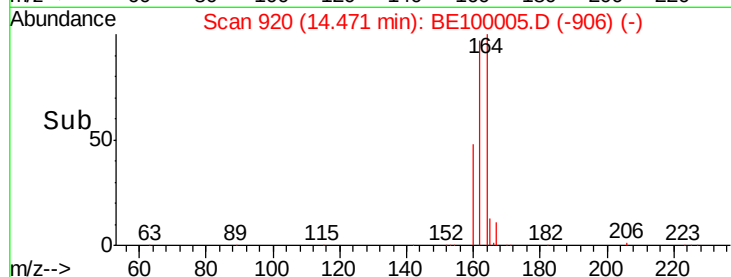
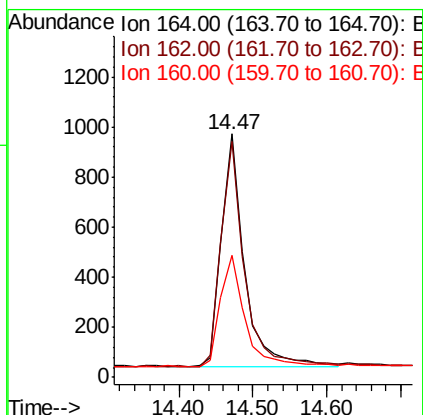
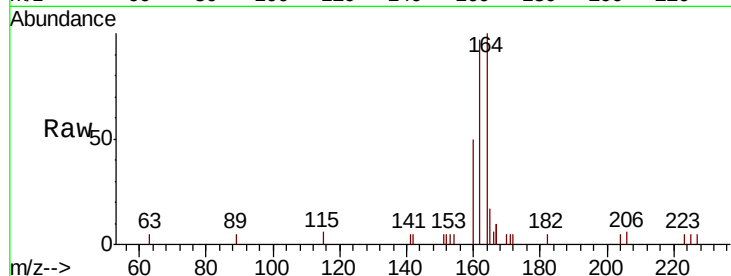




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100005.D
Acq: 14 Jun 2019 00:25

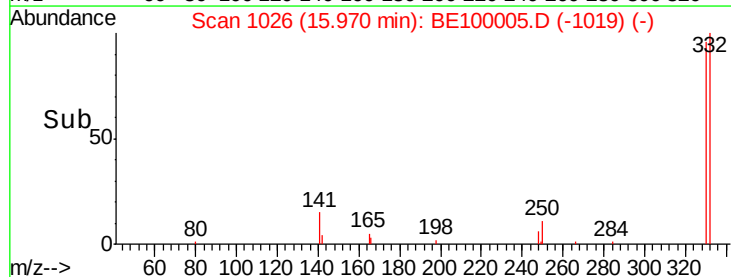
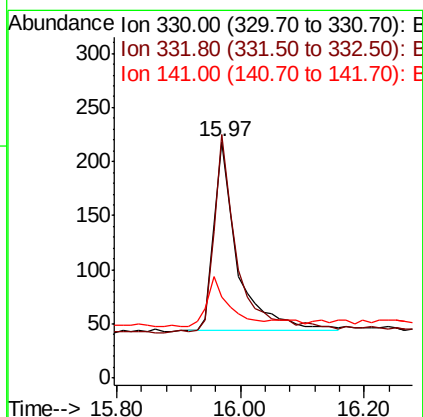
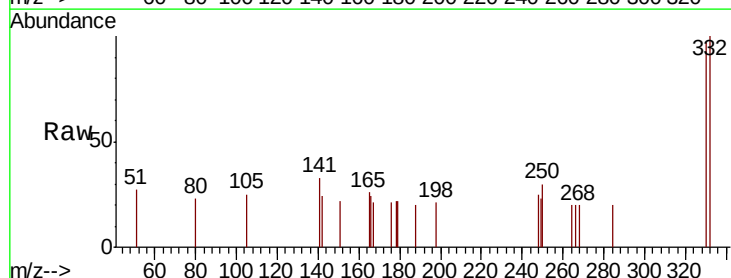
Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190608

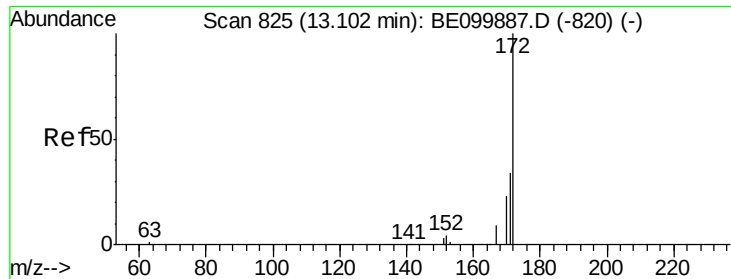
Tgt Ion:164 Resp: 2000
Ion Ratio Lower Upper
164 100
162 97.0 77.8 116.8
160 50.3 38.2 57.4



#14
2,4,6-Tribromophenol
Concen: 0.311 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE100005.D
Acq: 14 Jun 2019 00:25

Tgt Ion:330 Resp: 459
Ion Ratio Lower Upper
330 100
332 103.1 76.7 115.1
141 24.2 21.0 31.6

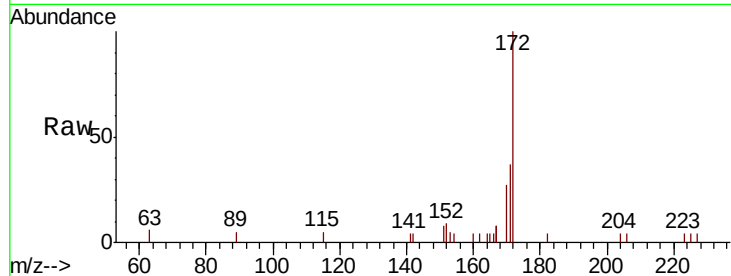




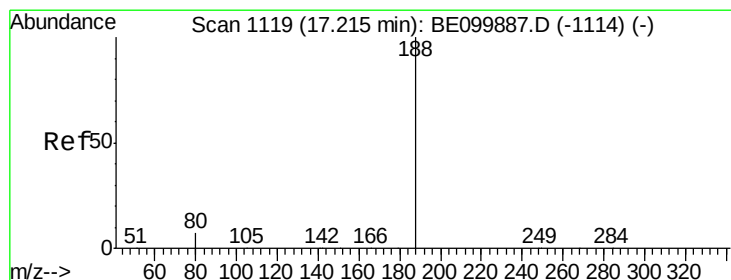
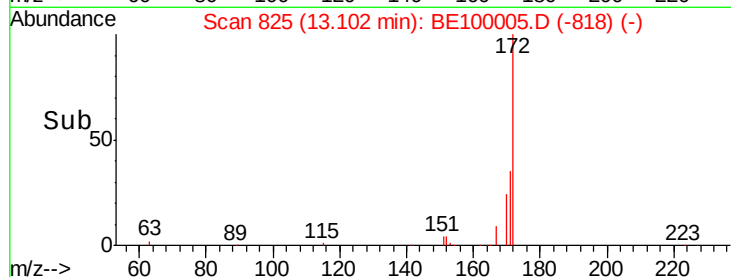
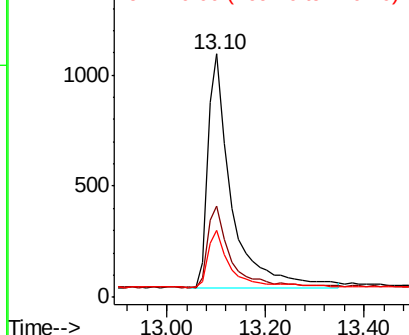
#15
2-Fluorobiphenyl
Concen: 0.457 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE100005.D
Acq: 14 Jun 2019 00:25

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190608

Tgt Ion:	172	Resp:	3467
Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.2	43.8
170	27.5	21.2	31.8

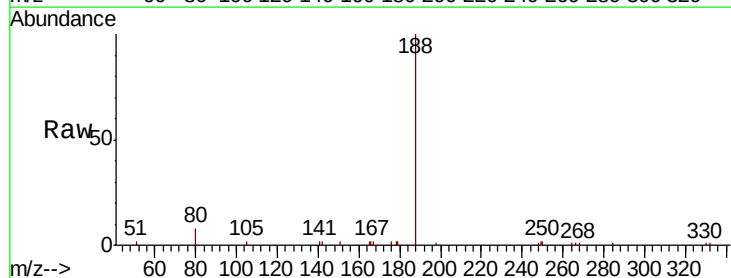


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

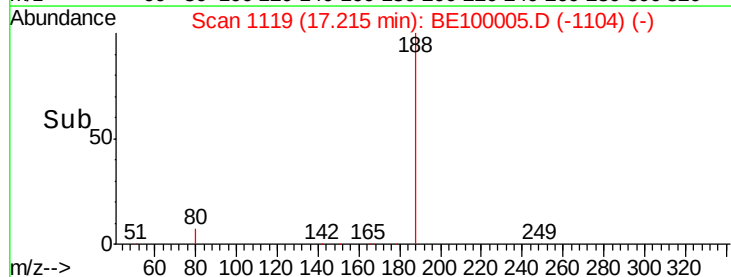
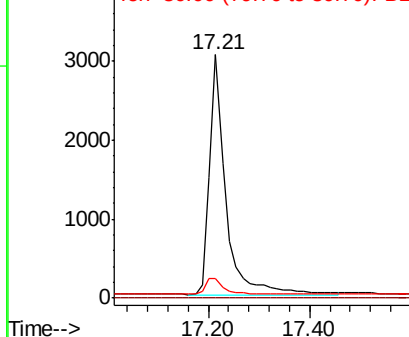


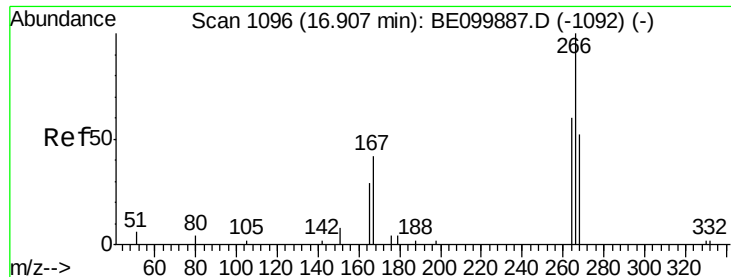
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100005.D
Acq: 14 Jun 2019 00:25

Tgt Ion:	188	Resp:	6736
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	6.4	9.6



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

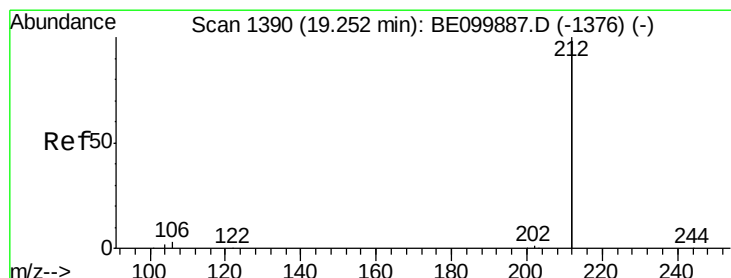
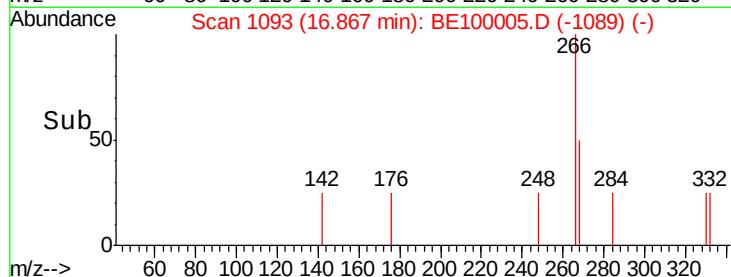
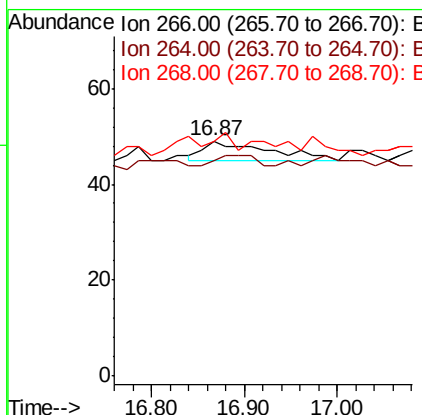
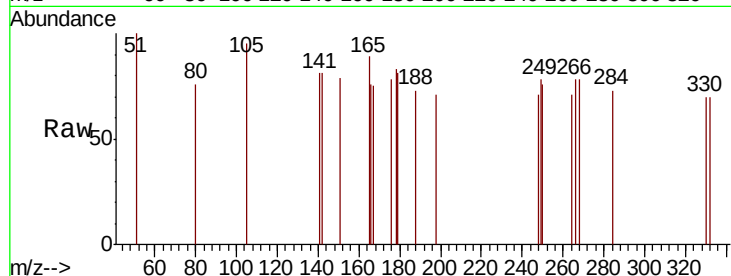




#22
 Pentachlorophenol
 Concen: 0.310 ng
 RT: 16.87 min Scan# 1093
 Delta R.T. -0.04 min
 Lab File: BE100005.D
 Acq: 14 Jun 2019 00:25

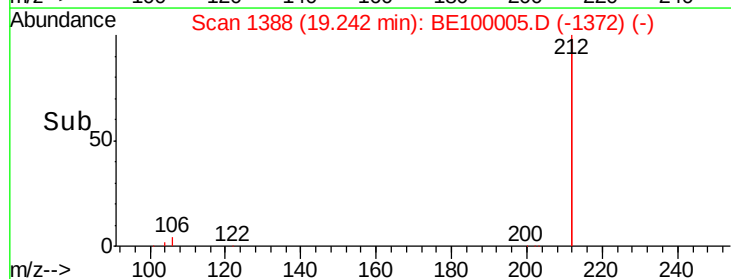
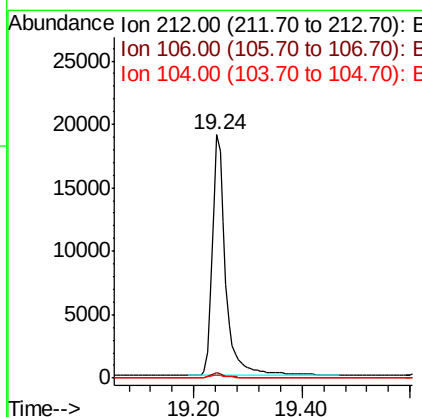
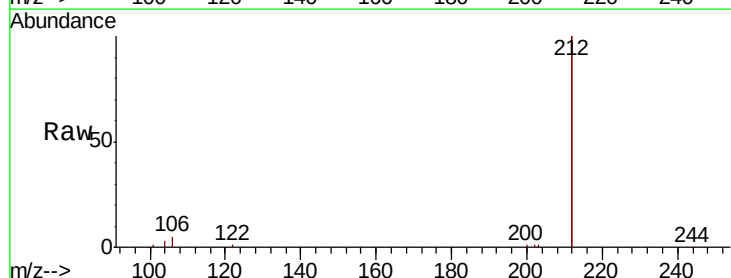
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20190608

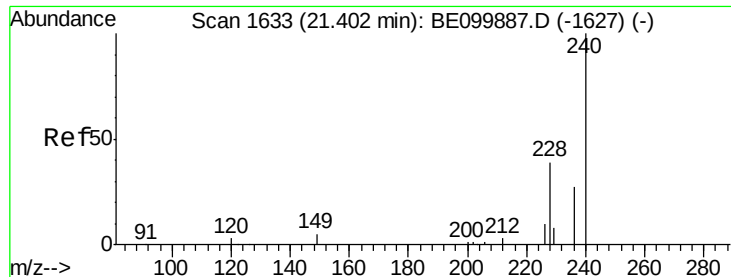
Tgt Ion: 266 Resp: 19
 Ion Ratio Lower Upper
 266 100
 264 91.8 62.2 93.2
 268 100.0 65.5 98.3#



#25
 Fluoranthene-d10
 Concen: 0.334 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE100005.D
 Acq: 14 Jun 2019 00:25

Tgt Ion: 212 Resp: 32743
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.4 2.2
 104 1.1 0.9 1.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE100005.D

Acq: 14 Jun 2019 00:25

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20190608

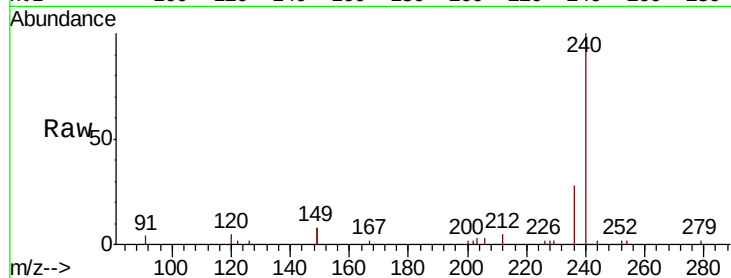
Tgt Ion:240 Resp: 8652

Ion Ratio Lower Upper

240 100

120 5.3 3.8 5.6

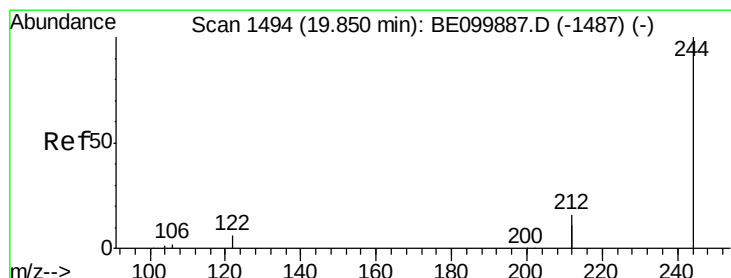
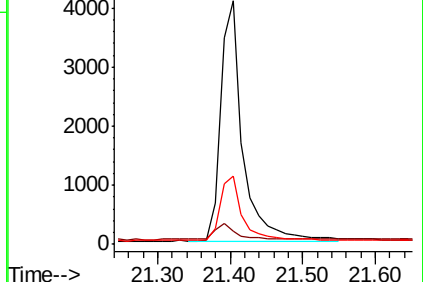
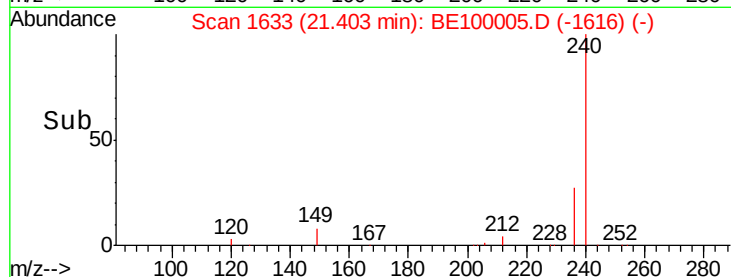
236 27.9 22.0 33.0



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: 0.595 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100005.D

Acq: 14 Jun 2019 00:25

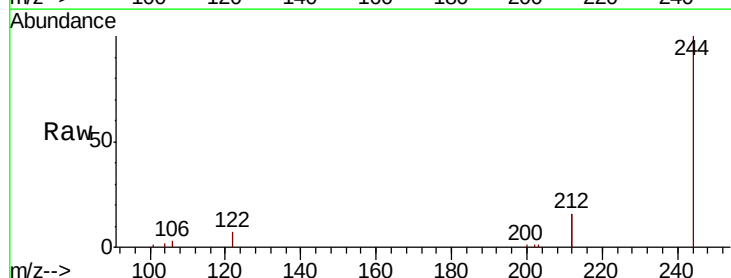
Tgt Ion:244 Resp: 9265

Ion Ratio Lower Upper

244 100

212 31.9 25.7 38.5

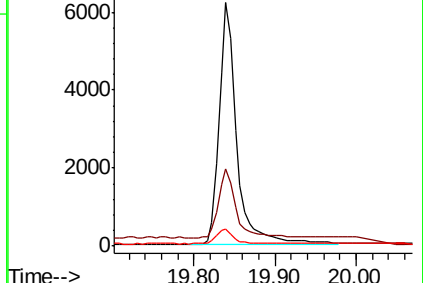
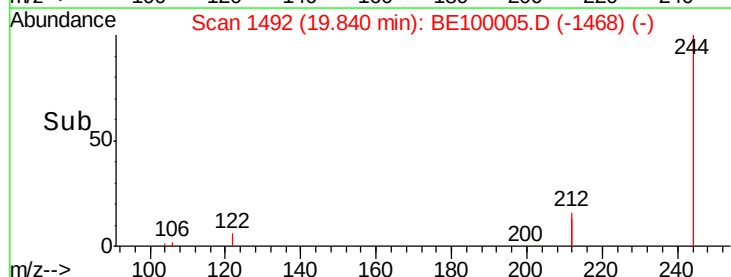
122 7.2 5.5 8.3

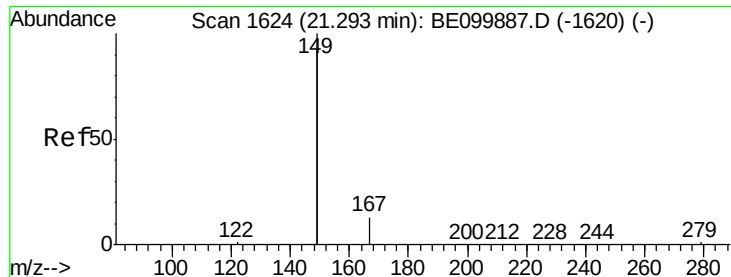


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

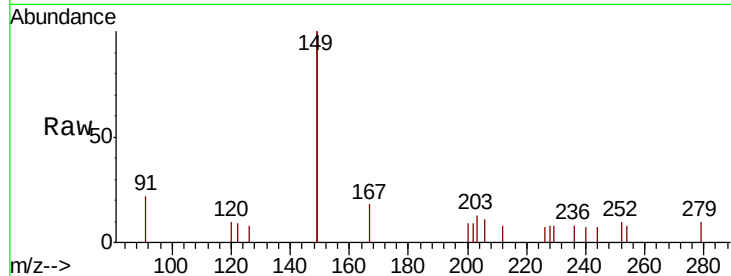




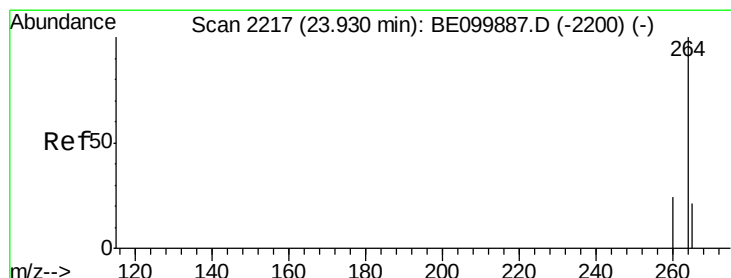
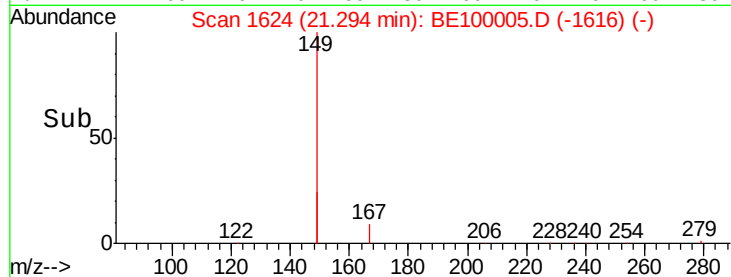
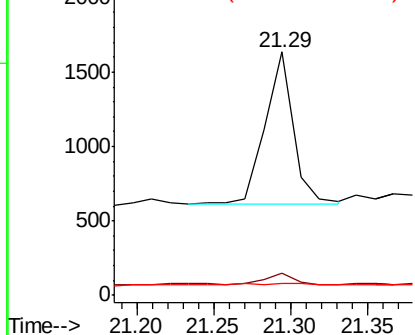
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.035 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BE100005.D
 Acq: 14 Jun 2019 00:25

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20190608

Tgt Ion:149 Resp: 1299
 Ion Ratio Lower Upper
 149 100
 167 7.2 5.9 8.9
 279 1.5 1.2 1.8

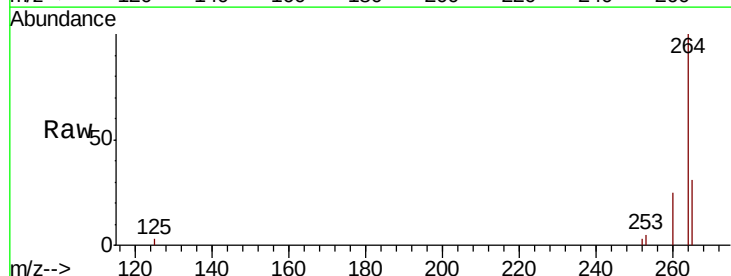


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BE100005.D
 Acq: 14 Jun 2019 00:25

Tgt Ion:264 Resp: 10054
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.2 30.2
 265 31.5 22.0 33.0



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

