

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052919\
 Data File : BE099774.D
 Acq On : 29 May 2019 13:45
 Operator : JU/SJ
 Sample : PB120145BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120145BL

Quant Time: May 29 17:26:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

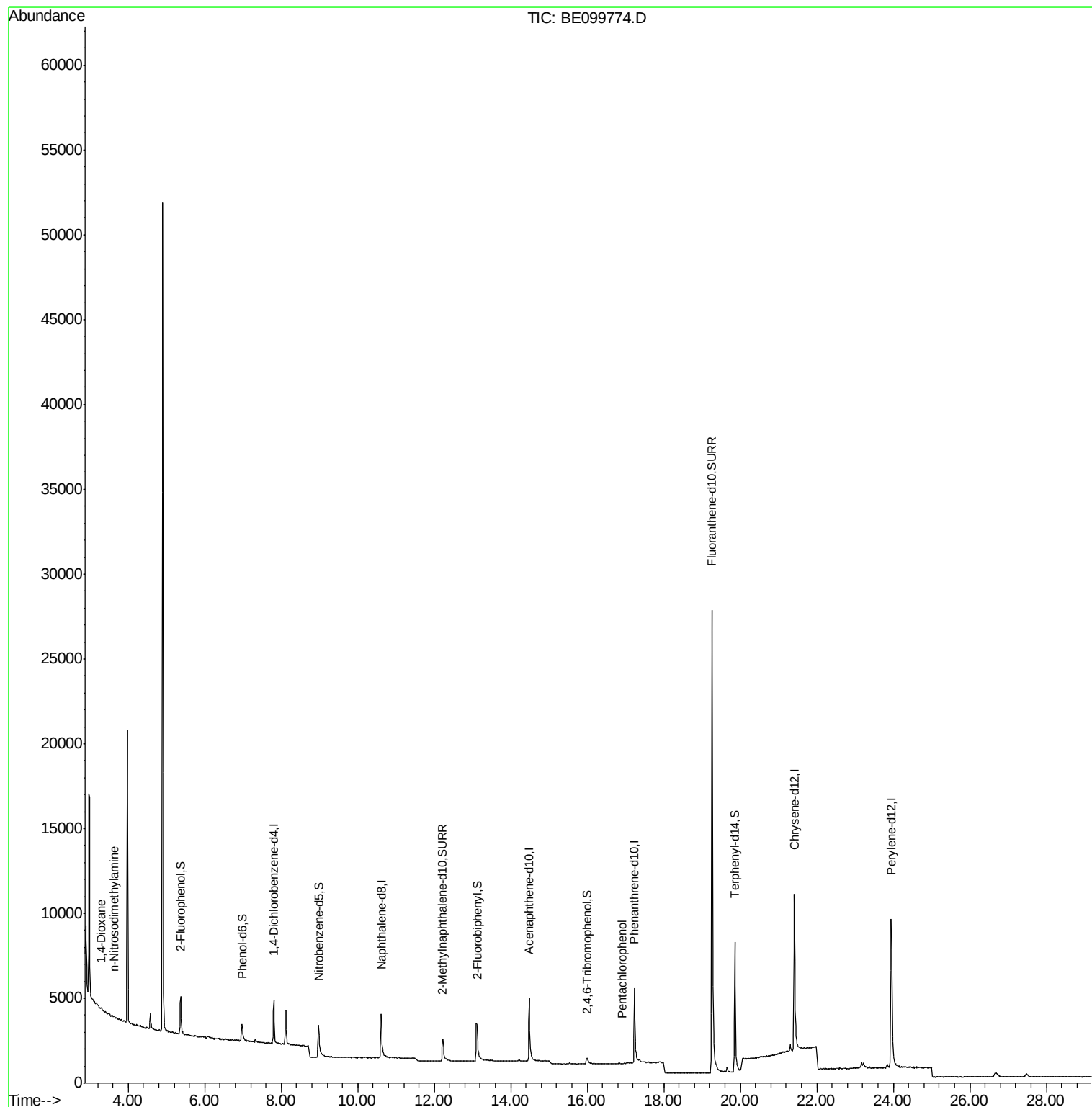
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1455	0.40	ng	-0.01
7) Naphthalene-d8	10.62	136	4657	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3257	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	9644	0.40	ng	0.00
27) Chrysene-d12	21.42	240	13842	0.40	ng	0.00
34) Perylene-d12	23.95	264	16626	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1571	0.43	ng	0.00
5) Phenol-d6	6.97	99	1866	0.38	ng	0.00
8) Nitrobenzene-d5	8.98	82	1347	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	2902	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	488	0.33	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	4476	0.36	ng	0.01
25) Fluoranthene-d10	19.26	212	51065	0.39	ng	0.00
29) Terphenyl-d14	19.86	244	10541	0.43	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.29	88	52	0.024	ng	# 1
3) n-Nitrosodimethylamine	3.62	42	32	0.027	ng	# 1
22) Pentachlorophenol	16.91	266	18	0.191	ng	# 79

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

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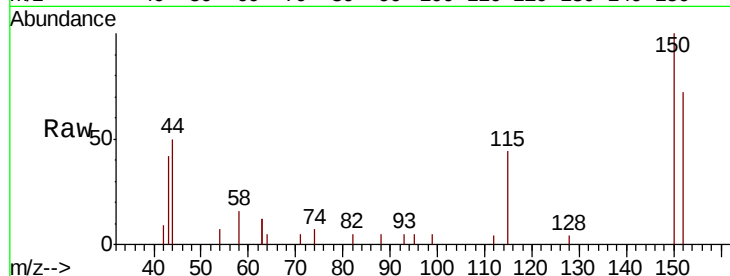


#1

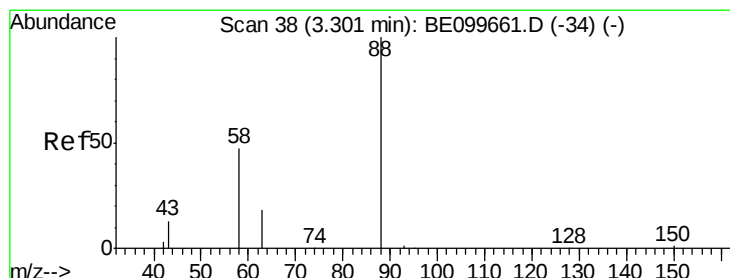
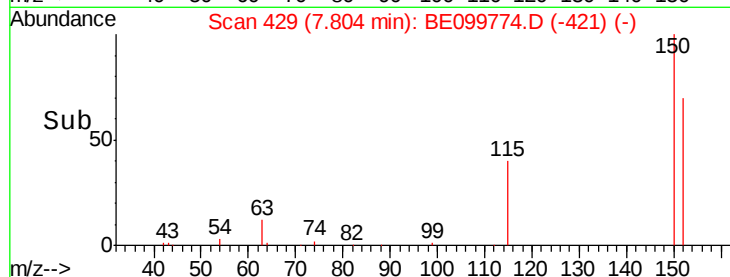
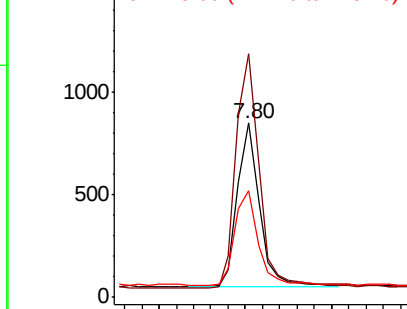
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.80 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BE099774.D
 Acq: 29 May 2019 13:45

Instrument :
 BNA_E
 ClientSampleId :
 PB120145BL

Tot Ion:152 Resp: 1455
 Ion Ratio Lower Upper
 152 100
 150 139.8 109.2 163.8
 115 61.1 43.7 65.5



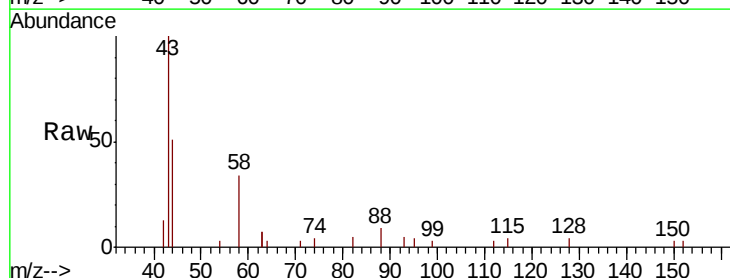
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



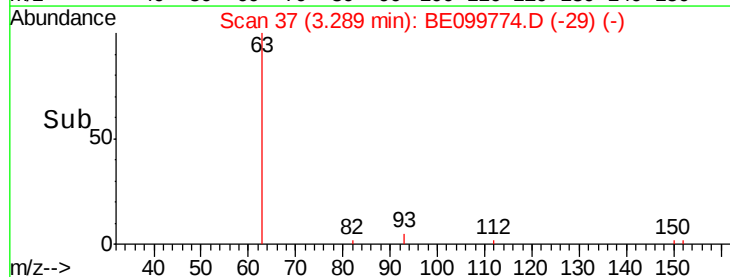
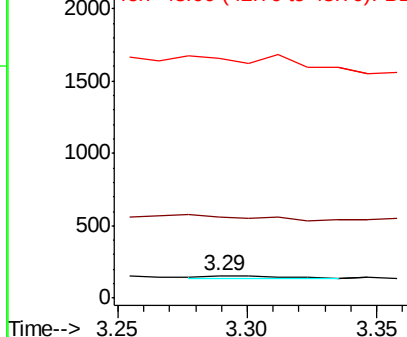
#2

1,4-Dioxane
 Concen: 0.024 ng
 RT: 3.29 min Scan# 37
 Delta R.T. -0.01 min
 Lab File: BE099774.D
 Acq: 29 May 2019 13:45

Tgt Ion: 88 Resp: 52
 Ion Ratio Lower Upper
 88 100
 58 211.5 41.8 62.8#
 43 0.0 15.0 22.4#



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: 0.027 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.01 min

Lab File: BE099774.D

Acq: 29 May 2019 13:45

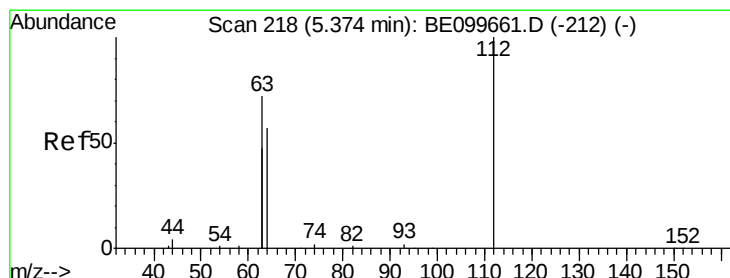
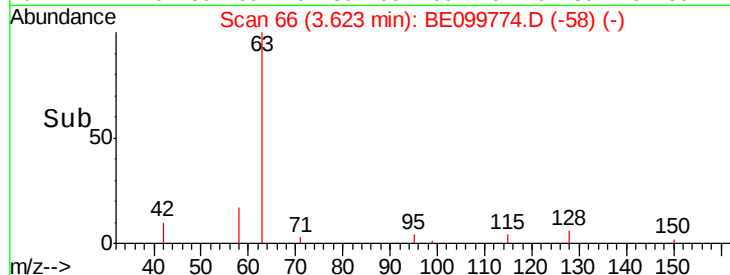
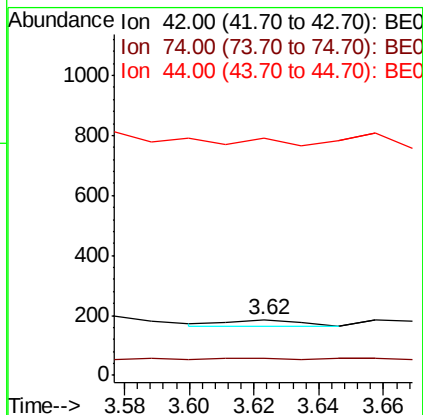
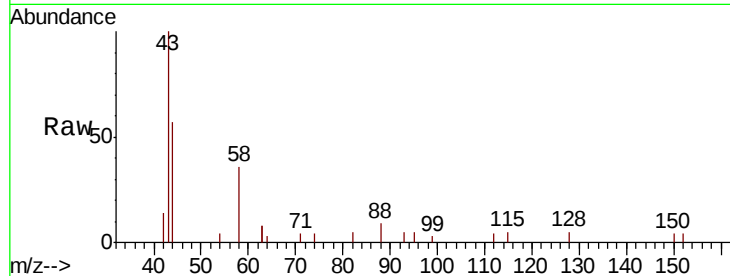
Instrument :

BNA_E

ClientSampleId :

PB120145BL

Tot Ion:	42	Resp:	32
Ion	Ratio	Lower	Upper
42	100		
74	9.4	129.2	193.8#
44	0.0	0.0	0.0



#4

2-Fluorophenol

Concen: 0.427 ng

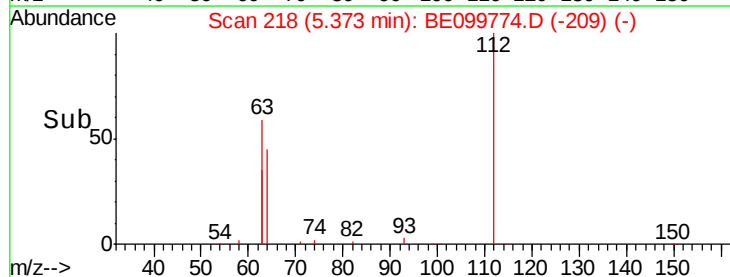
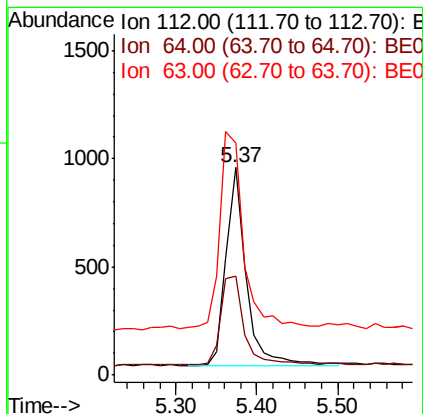
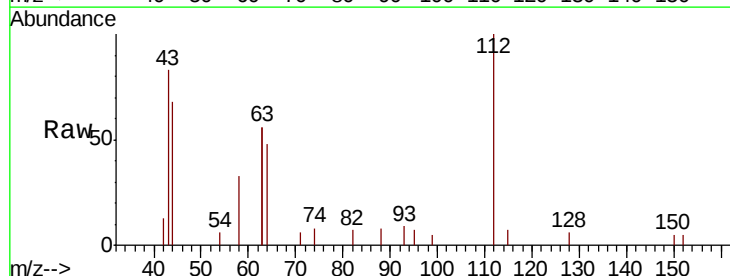
RT: 5.37 min Scan# 218

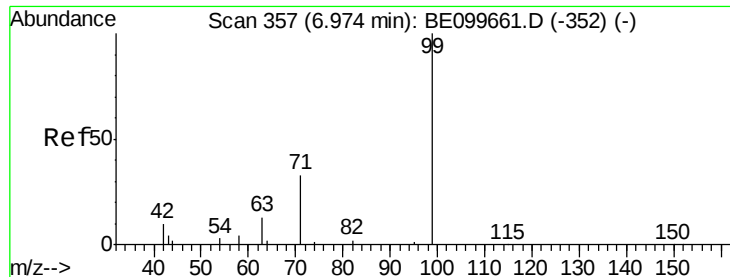
Delta R.T. -0.00 min

Lab File: BE099774.D

Acq: 29 May 2019 13:45

Tgt Ion:	112	Resp:	1571
Ion	Ratio	Lower	Upper
112	100		
64	52.6	43.4	65.2
63	116.8	96.9	145.3





#5

Phenol-d6

Concen: 0.383 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099774.D

Acq: 29 May 2019 13:45

Instrument :

BNA_E

ClientSampleId :

PB120145BL

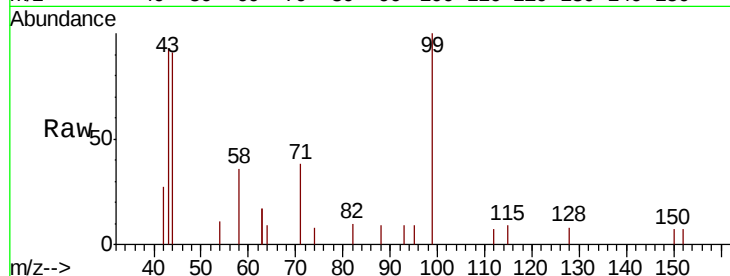
Tot Ion: 99 Resp: 1866

Ion Ratio Lower Upper

99 100

42 13.2 12.2 18.2

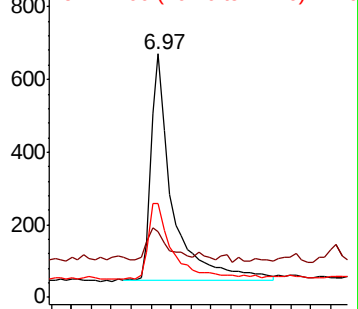
71 37.4 28.9 43.3



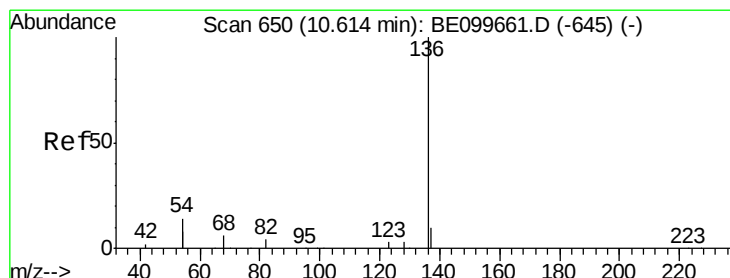
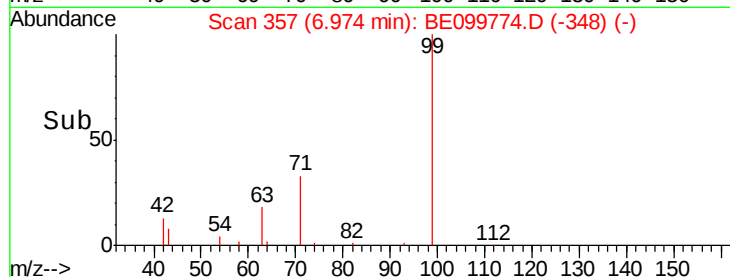
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.62 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099774.D

Acq: 29 May 2019 13:45

Tgt Ion: 136 Resp: 4657

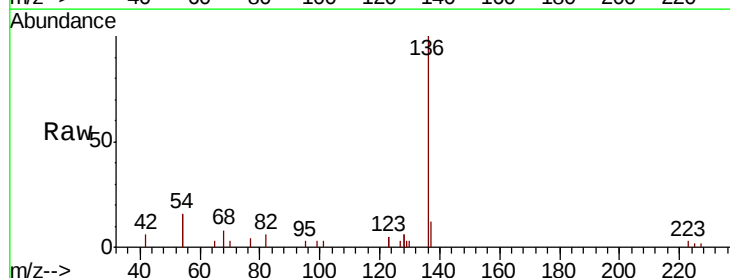
Ion Ratio Lower Upper

136 100

137 12.1 9.0 13.6

54 31.5 22.3 33.5

68 8.3 6.0 9.0

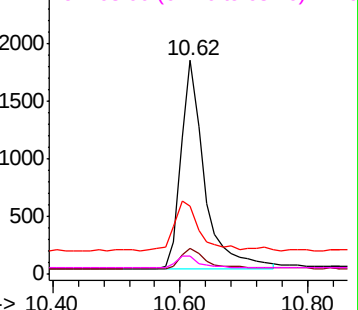


Abundance Ion 136.00 (135.70 to 136.70): E

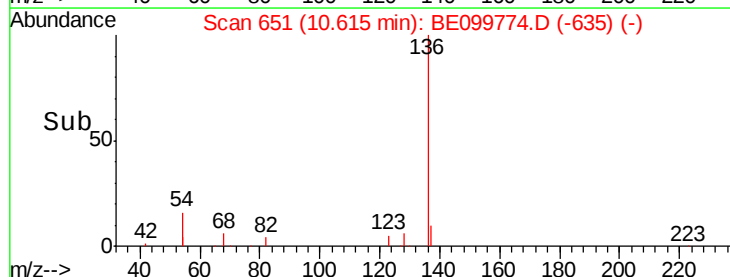
Ion 137.00 (136.70 to 137.70): E

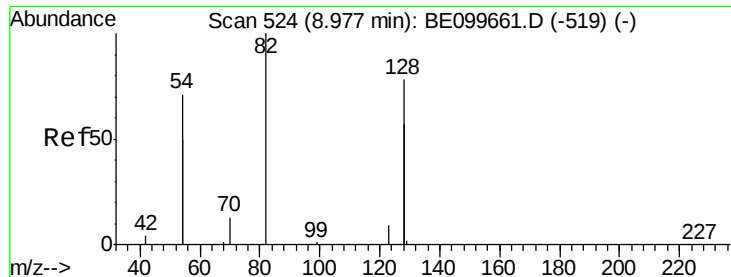
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.334 ng

RT: 8.98 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099774.D

Acq: 29 May 2019 13:45

Instrument :

BNA_E

ClientSampleId :

PB120145BL

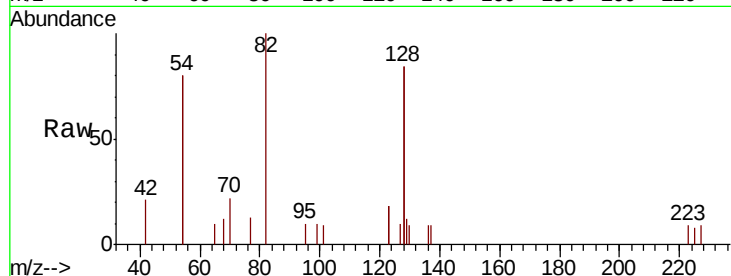
Tot Ion: 82 Resp: 1347

Ion Ratio Lower Upper

82 100

128 168.6 117.7 176.5

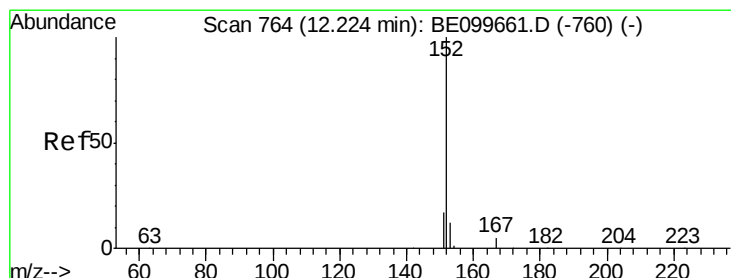
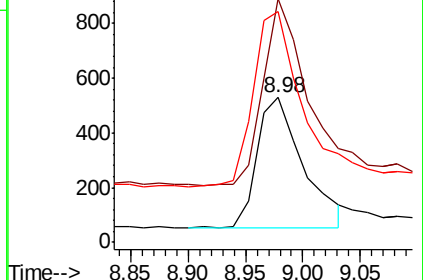
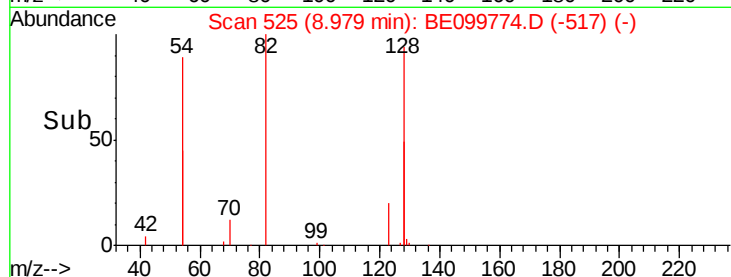
54 159.8 106.6 160.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.361 ng

RT: 12.22 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE099774.D

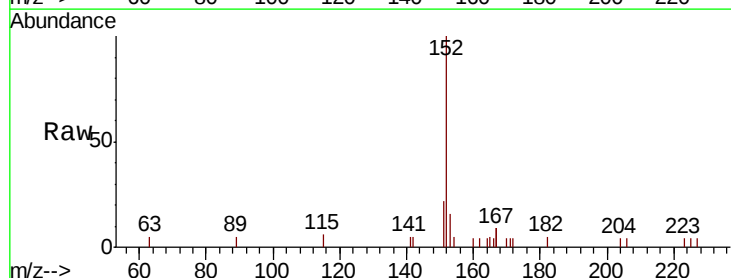
Acq: 29 May 2019 13:45

Tgt Ion: 152 Resp: 2902

Ion Ratio Lower Upper

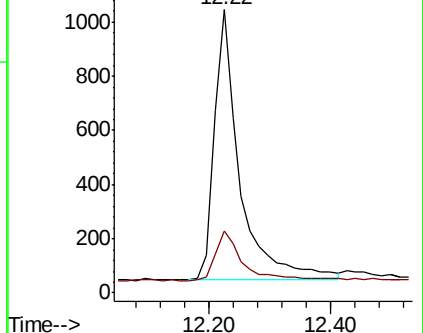
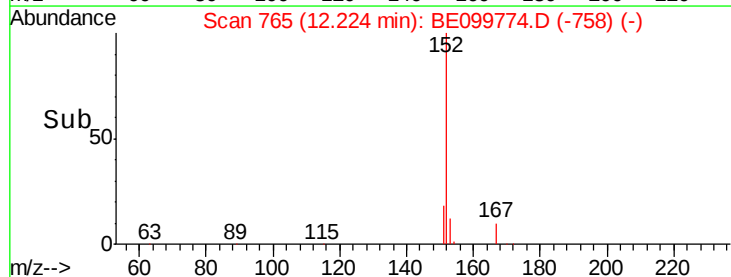
152 100

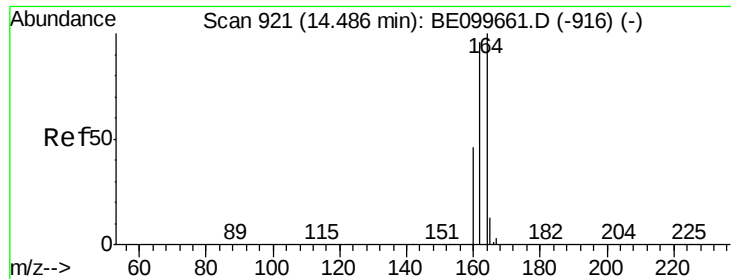
151 20.0 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

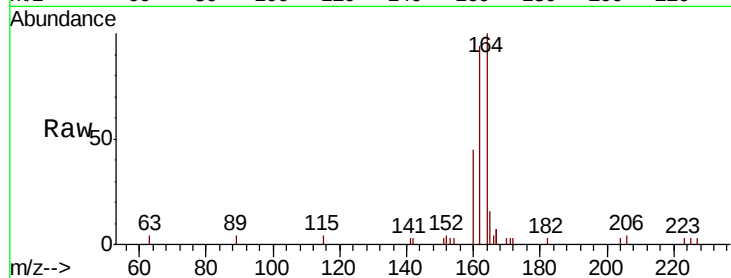




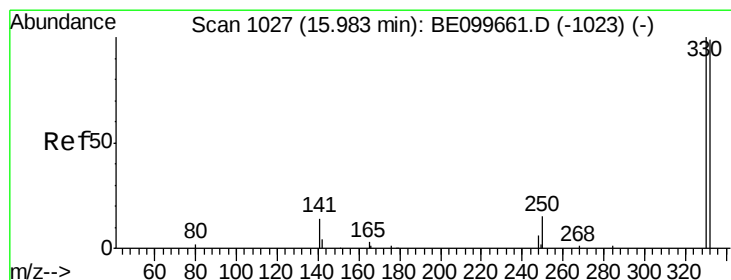
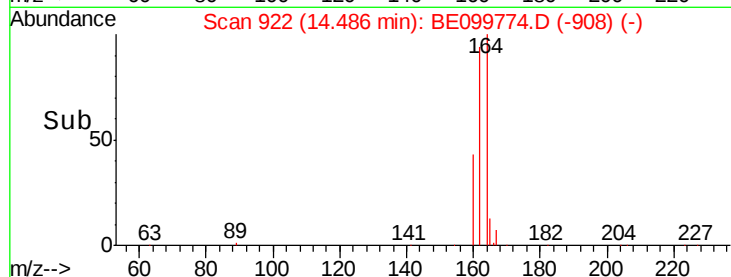
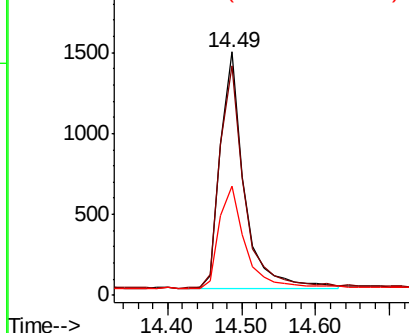
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BE099774.D
 Acq: 29 May 2019 13:45

Instrument :
 BNA_E
 ClientSampleId :
 PB120145BL

Tot Ion:164 Resp: 3257
 Ion Ratio Lower Upper
 164 100
 162 94.5 76.5 114.7
 160 45.0 37.4 56.2

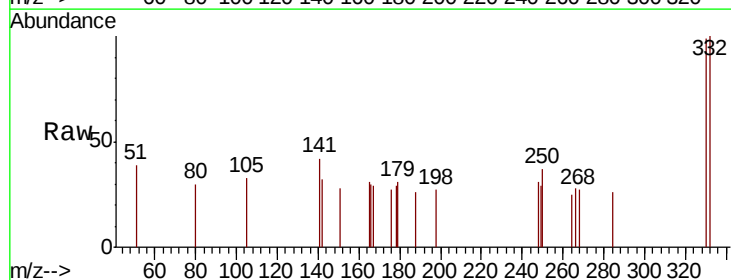


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

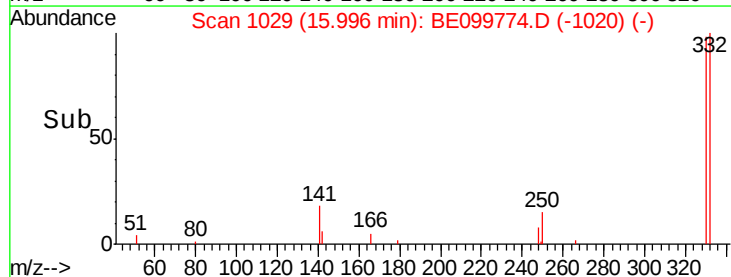
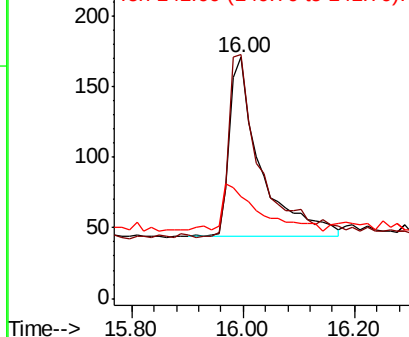


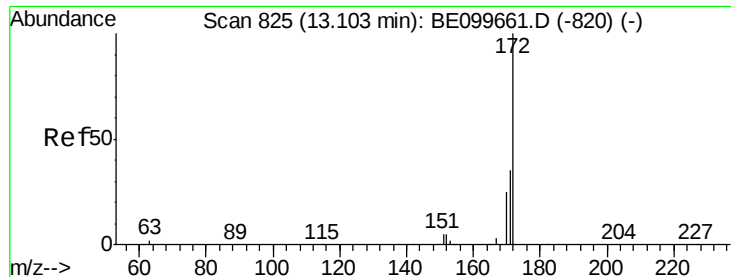
#14
 2,4,6-Tribromophenol
 Concen: 0.331 ng
 RT: 16.00 min Scan# 1029
 Delta R.T. 0.01 min
 Lab File: BE099774.D
 Acq: 29 May 2019 13:45

Tgt Ion:330 Resp: 488
 Ion Ratio Lower Upper
 330 100
 332 108.8 77.3 115.9
 141 0.0 18.9 28.3#



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

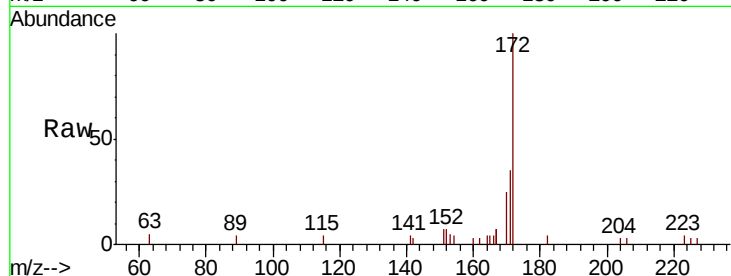




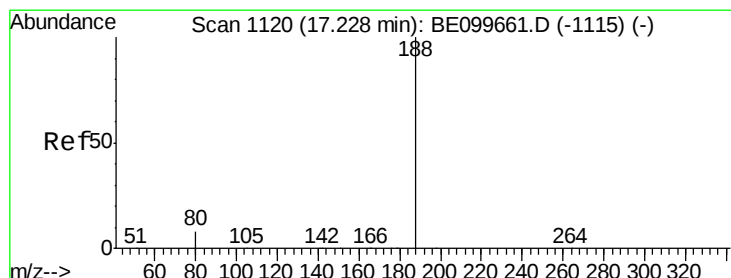
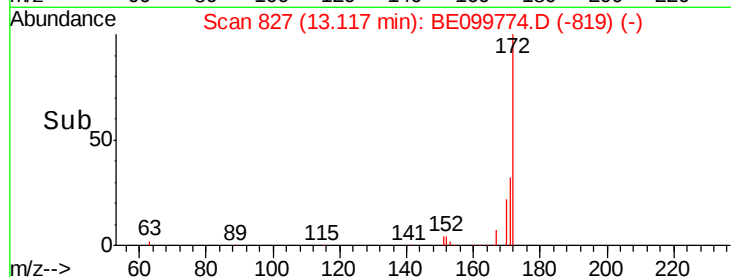
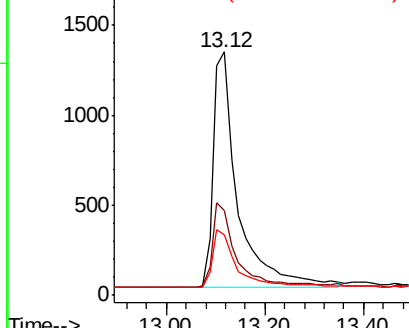
#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.12 min Scan# 827
Delta R.T. 0.01 min
Lab File: BE099774.D
Acq: 29 May 2019 13:45

Instrument :
BNA_E
ClientSampleId :
PB120145BL

Tot Ion:172 Resp: 4476
Ion Ratio Lower Upper
172 100
171 34.7 28.7 43.1
170 24.6 20.9 31.3

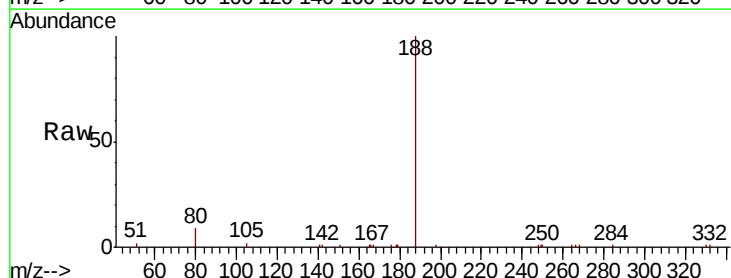


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

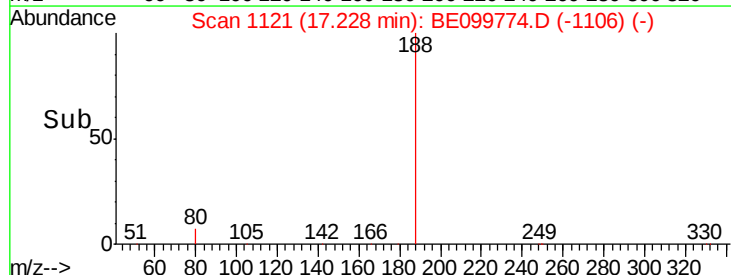
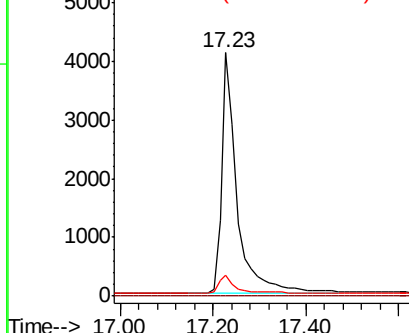


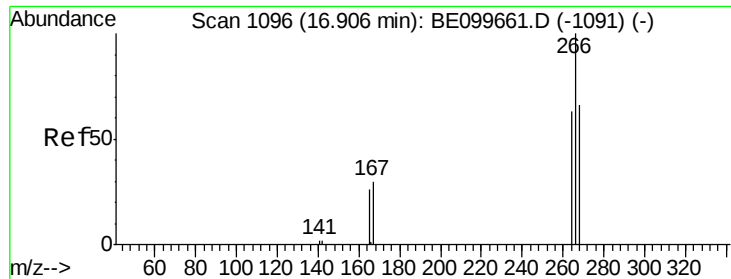
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099774.D
Acq: 29 May 2019 13:45

Tgt Ion:188 Resp: 9644
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

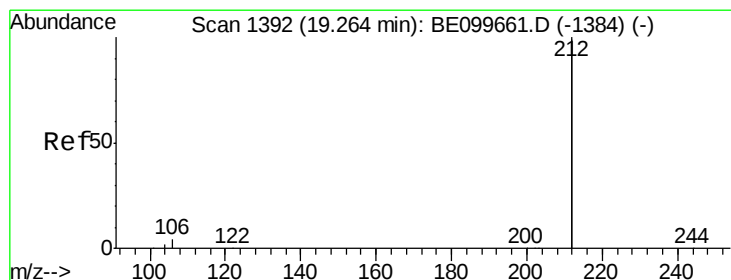
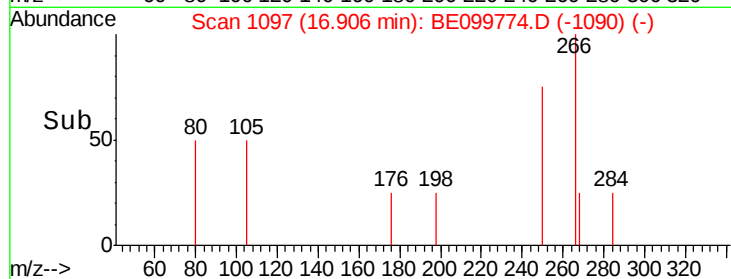
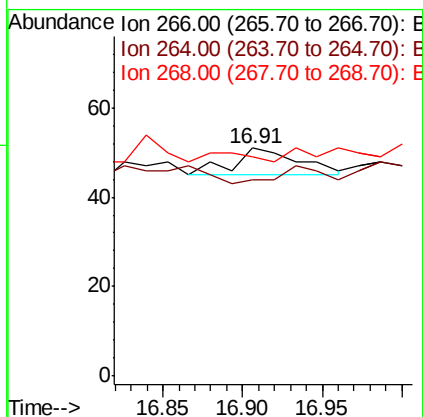
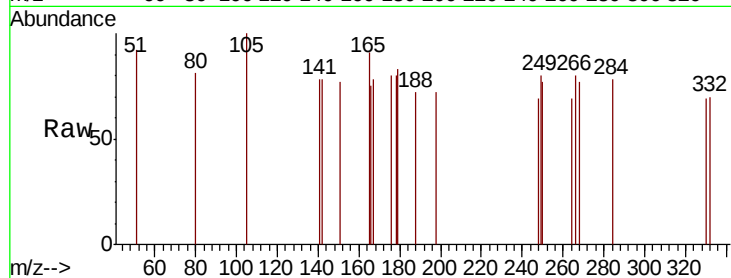




#22
 Pentachlorophenol
 Concen: 0.191 ng
 RT: 16.91 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BE099774.D
 Acq: 29 May 2019 13:45

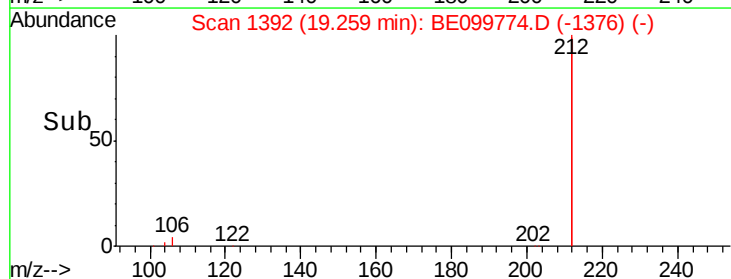
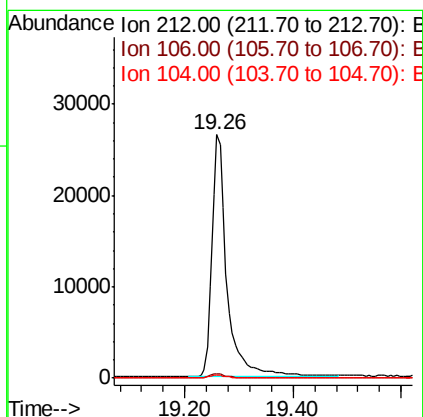
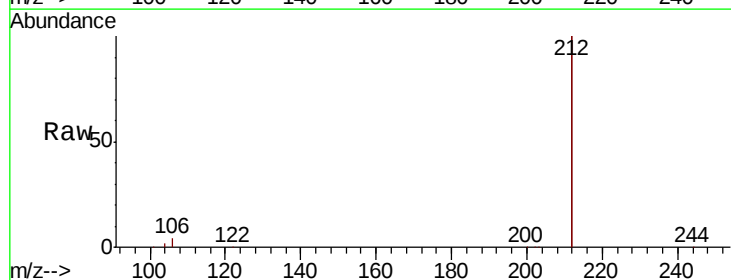
Instrument :
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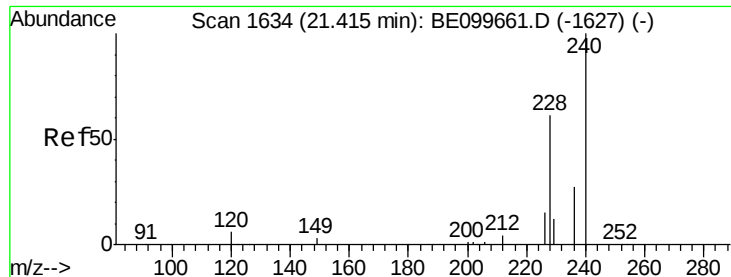
Tot Ion:266 Resp: 18
 Ion Ratio Lower Upper
 266 100
 264 86.3 57.2 85.8#
 268 96.1 60.5 90.7#



#25
 Fluoranthene-d10
 Concen: 0.387 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BE099774.D
 Acq: 29 May 2019 13:45

Tgt Ion:212 Resp: 51065
 Ion Ratio Lower Upper
 212 100
 106 1.7 1.4 2.2
 104 1.0 0.8 1.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE099774.D

Acq: 29 May 2019 13:45

Instrument :

BNA_E

ClientSampleId :

PB120145BL

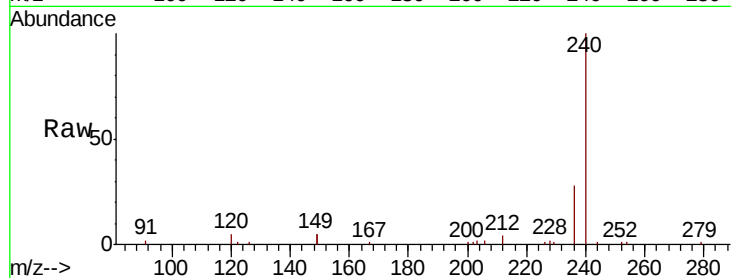
Tot Ion:240 Resp: 13842

Ion Ratio Lower Upper

240 100

120 5.4 5.4 8.0#

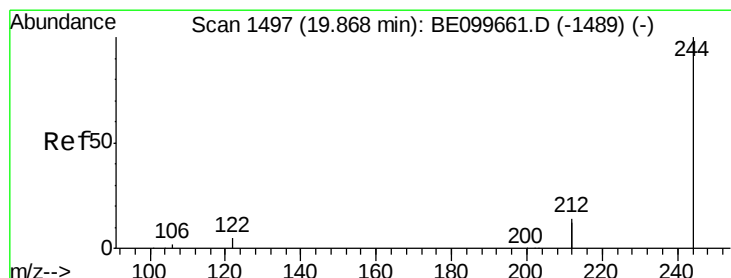
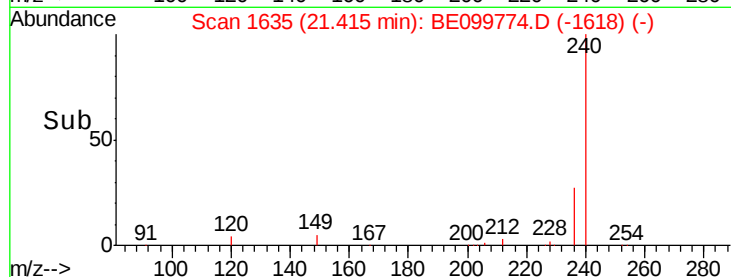
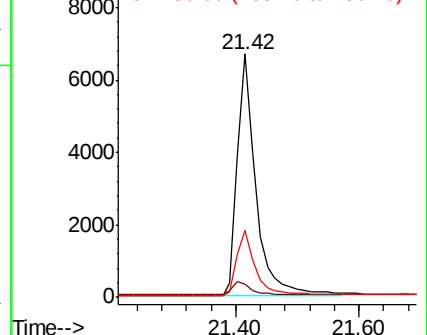
236 27.6 21.7 32.5



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: 0.427 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BE099774.D

Acq: 29 May 2019 13:45

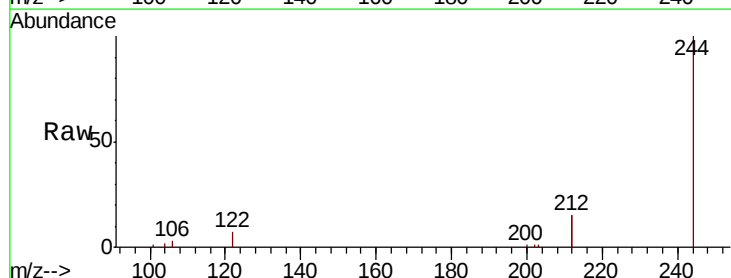
Tgt Ion:244 Resp: 10541

Ion Ratio Lower Upper

244 100

212 30.6 22.5 33.7

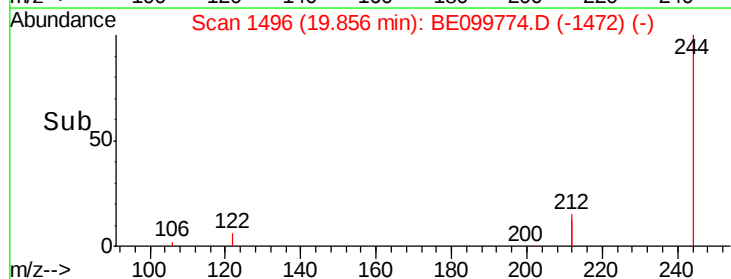
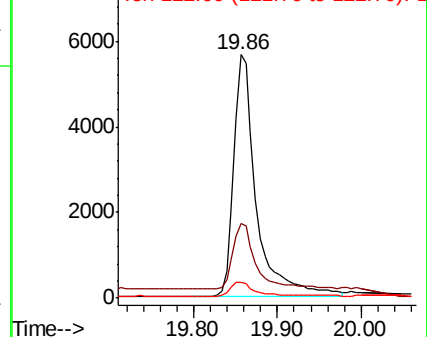
122 6.6 4.3 6.5#

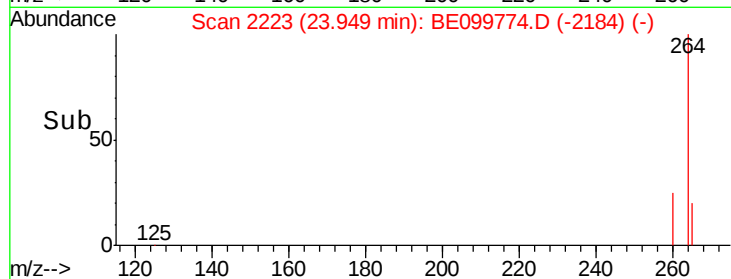
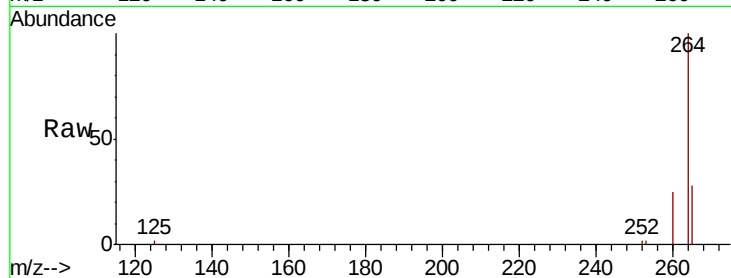
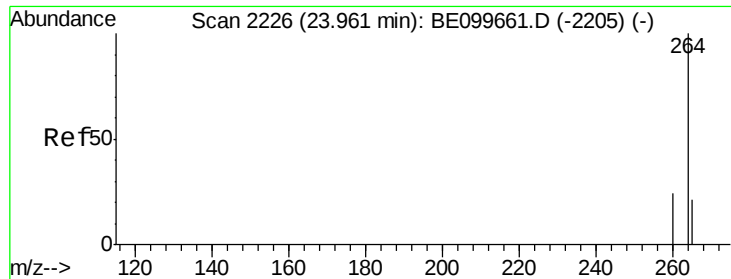


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.95 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BE099774.D

Acq: 29 May 2019 13:45

Instrument :

BNA_E

ClientSampleId :

PB120145BL

Tot Ion:264 Resp: 16626

Ion Ratio Lower Upper

264 100

260 25.2 19.6 29.4

265 27.8 19.1 28.7

