

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011819\
 Data File : BE098664.D
 Acq On : 18 Jan 2019 9:10
 Operator : SJ/JU
 Sample : K1174-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RD-1

Quant Time: Jan 18 11:41:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 15 14:30:55 2019
 Response via : Initial Calibration

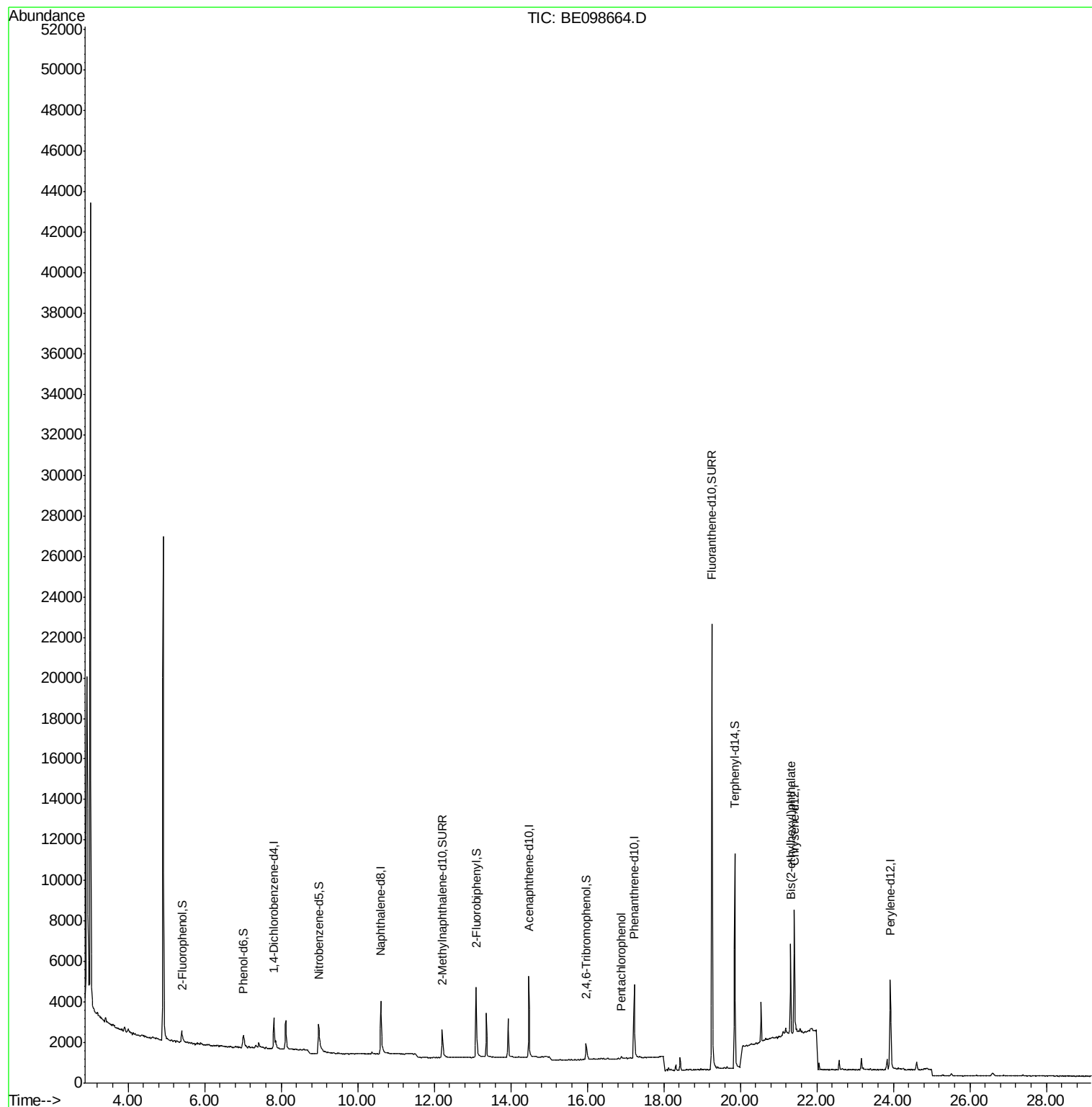
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	880	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3738	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2530	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	6052	0.40	ng	0.00
27) Chrysene-d12	21.41	240	7005	0.40	ng	0.00
34) Perylene-d12	23.92	264	6956	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	429	0.18	ng	0.01
5) Phenol-d6	7.00	99	379	0.11	ng	0.00
8) Nitrobenzene-d5	8.98	82	1069	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2386	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	571	0.52	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4724	0.46	ng	0.01
25) Fluoranthene-d10	19.26	212	30789	0.41	ng	0.00
29) Terphenyl-d14	19.86	244	10330	0.67	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.89	266	145	0.294	ng	Qvalue # 79
32) Bis(2-ethylhexyl)phthalate	21.32	149	5142	0.129	ng	99

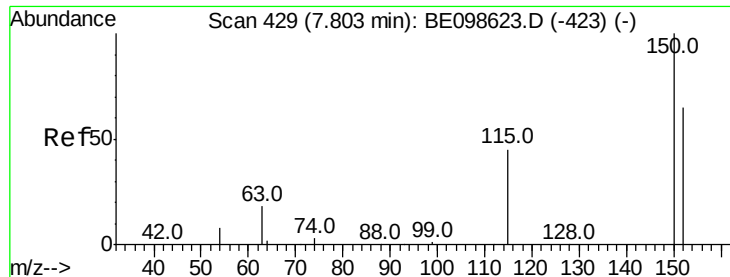
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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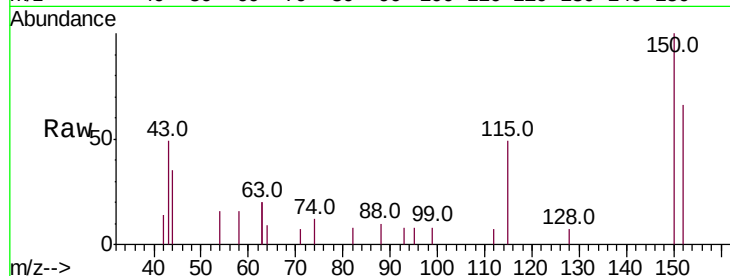


#1

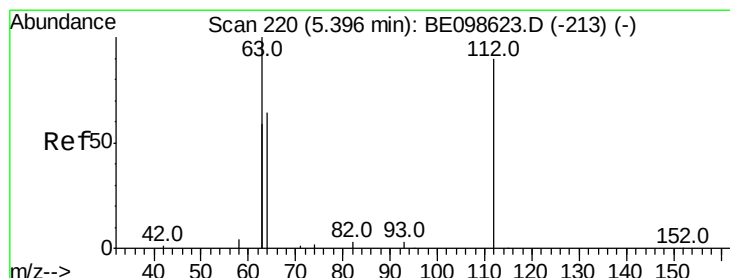
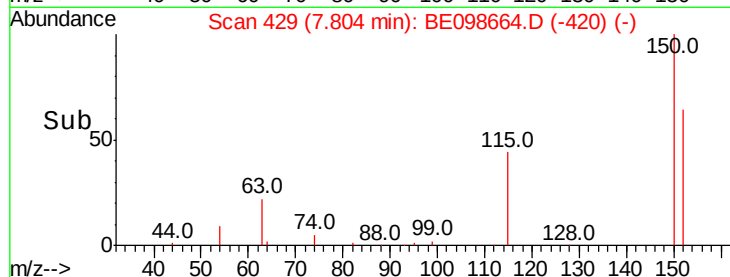
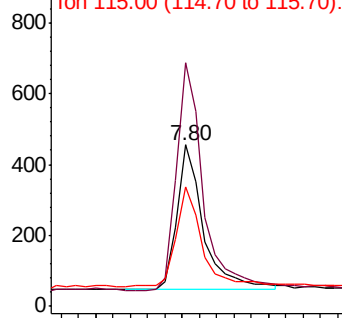
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098664.D
Acq: 18 Jan 2019 9:10

Instrument :
BNA_E
ClientSampleId :
RD-1

Tot Ion:152 Resp: 880
Ion Ratio Lower Upper
152 100
150 151.0 121.4 182.2
115 73.8 59.1 88.7



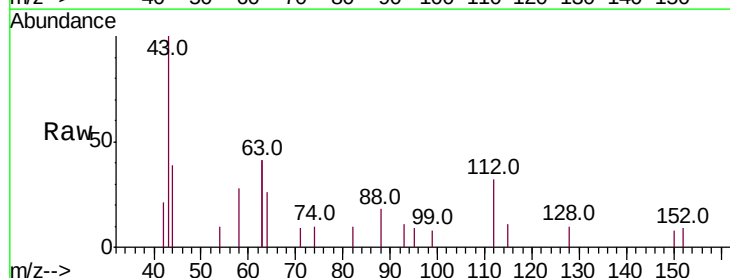
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



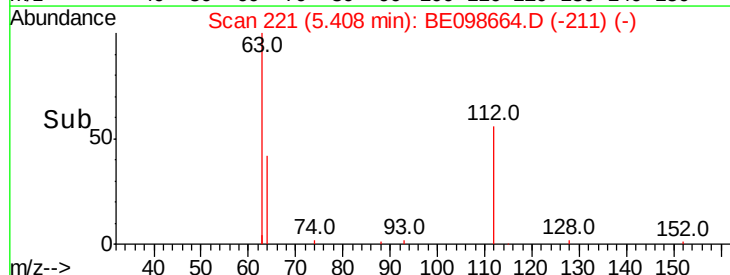
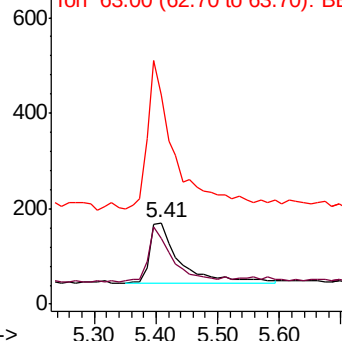
#4

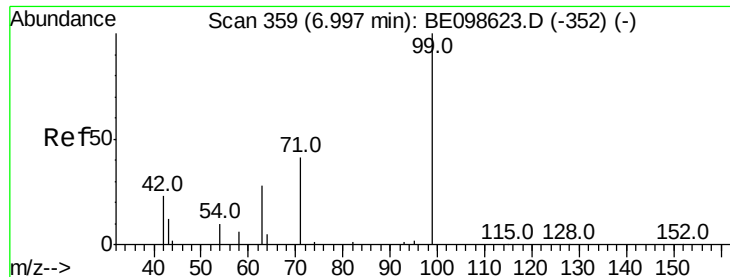
2-Fluorophenol
Concen: 0.183 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.01 min
Lab File: BE098664.D
Acq: 18 Jan 2019 9:10

Tgt Ion:112 Resp: 429
Ion Ratio Lower Upper
112 100
64 71.1 62.9 94.3
63 221.9 152.2 228.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.113 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.00 min

Lab File: BE098664.D

Acq: 18 Jan 2019 9:10

Instrument :

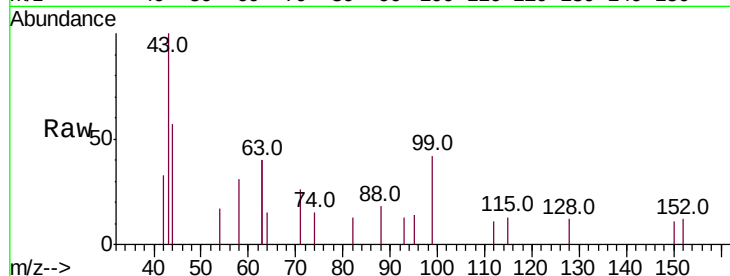
BNA_E

ClientSampled :

RD-1

Tot Ion: 99 Resp: 379

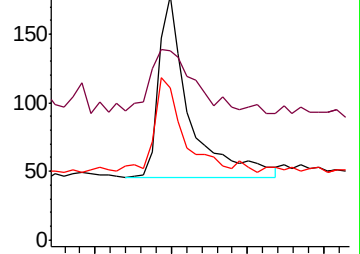
Ion	Ratio	Lower	Upper
99	100		
42	47.0	24.6	37.0#
71	46.7	35.1	52.7



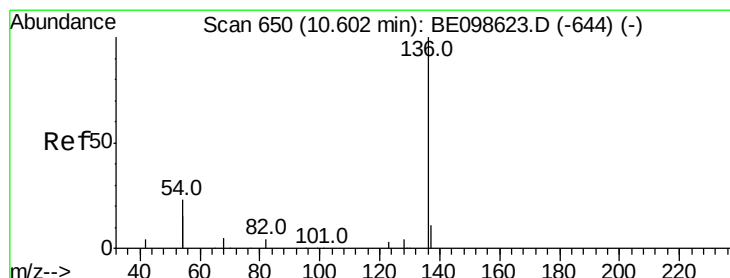
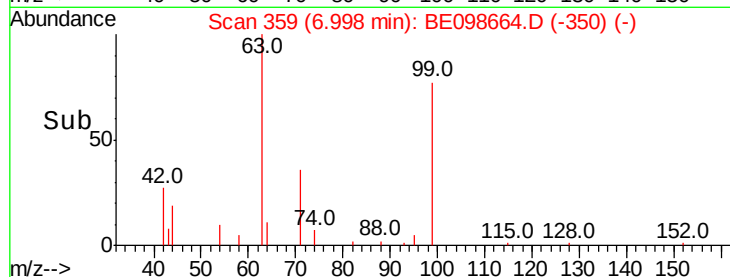
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 649

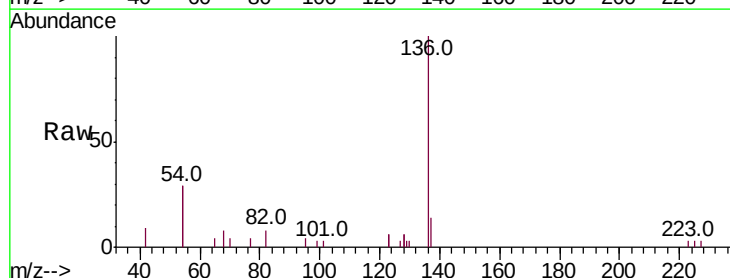
Delta R.T. -0.00 min

Lab File: BE098664.D

Acq: 18 Jan 2019 9:10

Tgt Ion: 136 Resp: 3738

Ion	Ratio	Lower	Upper
136	100		
137	13.7	9.7	14.5
54	58.5	35.5	53.3#
68	8.1	5.0	7.6#

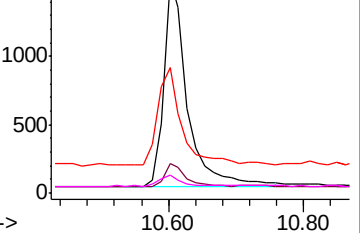


Abundance Ion 136.00 (135.70 to 136.70): E

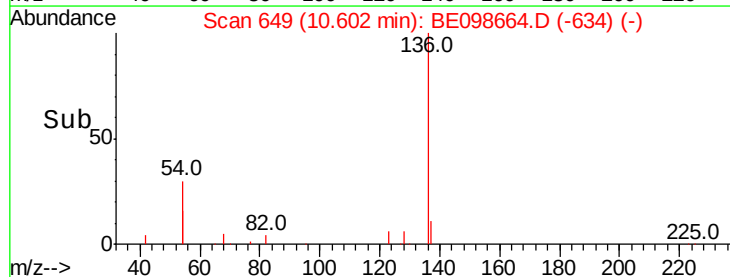
Ion 137.00 (136.70 to 137.70): E

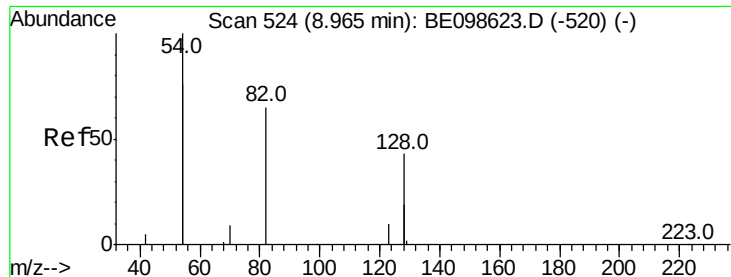
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

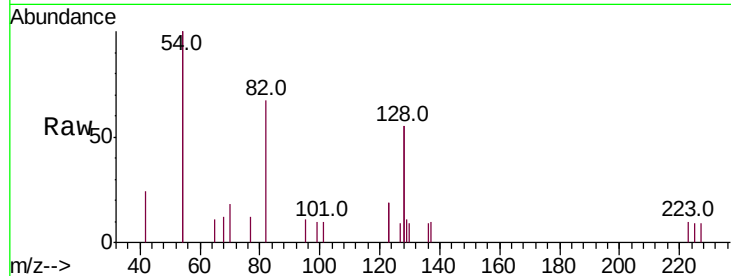




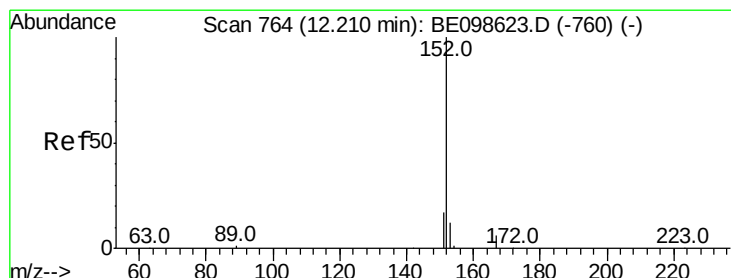
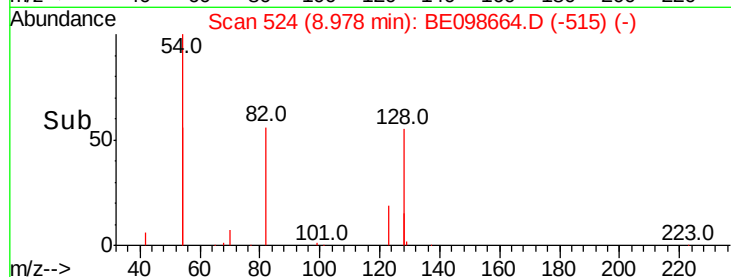
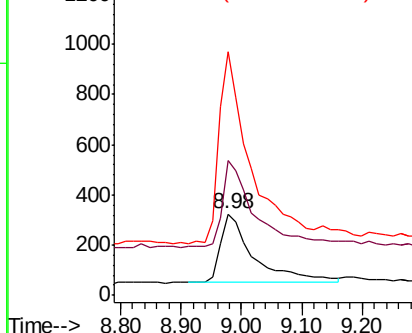
#8
 Nitrobenzene-d5
 Concen: 0.361 ng
 RT: 8.98 min Scan# 524
 Delta R.T. 0.01 min
 Lab File: BE098664.D
 Acq: 18 Jan 2019 9:10

Instrument :
 BNA_E
 ClientSampleID :
 RD-1

Tot Ion: 82 Resp: 1069
 Ion Ratio Lower Upper
 82 100
 128 166.6 96.5 144.7#
 54 300.3 224.7 337.1

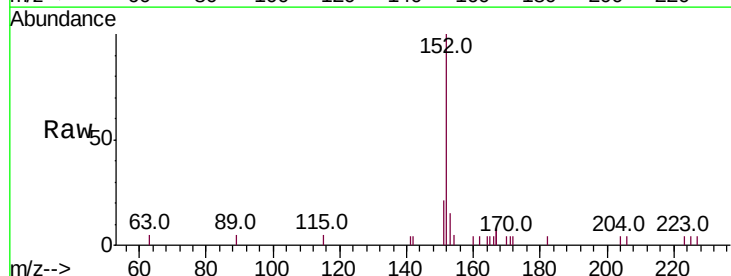


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

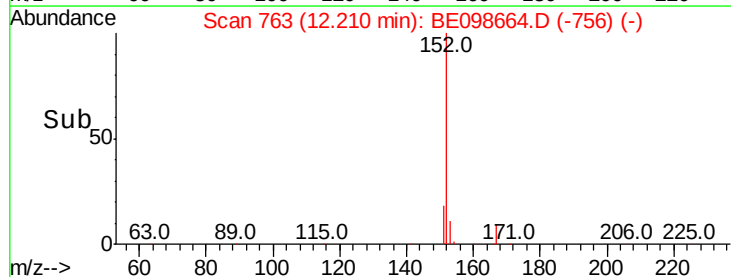
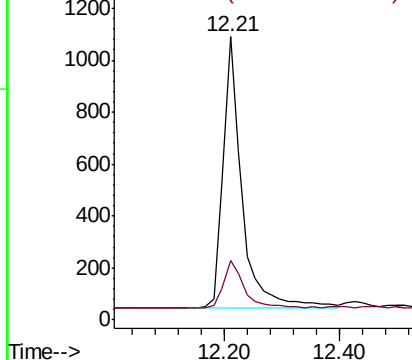


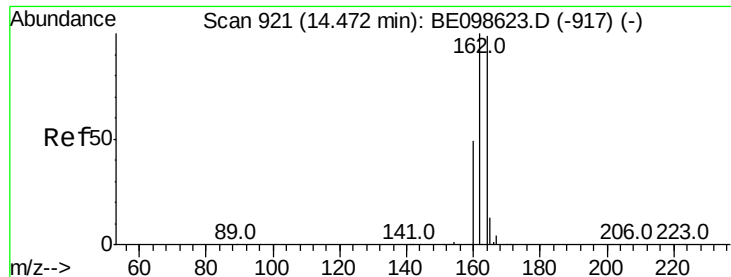
#11
 2-Methylnaphthalene-d10
 Concen: 0.388 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE098664.D
 Acq: 18 Jan 2019 9:10

Tgt Ion: 152 Resp: 2386
 Ion Ratio Lower Upper
 152 100
 151 19.4 16.2 24.4



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: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE098664.D

Acq: 18 Jan 2019 9:10

Instrument :

BNA_E

ClientSampleId :

RD-1

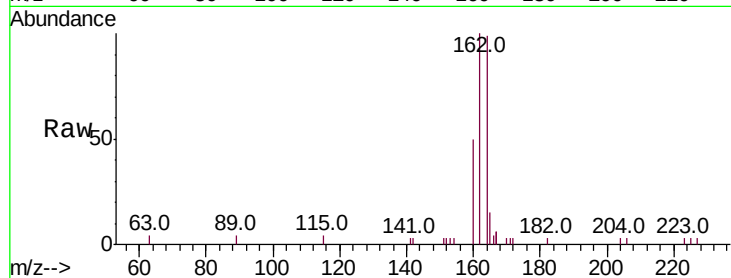
Tot Ion:164 Resp: 2530

Ion Ratio Lower Upper

164 100

162 100.9 80.5 120.7

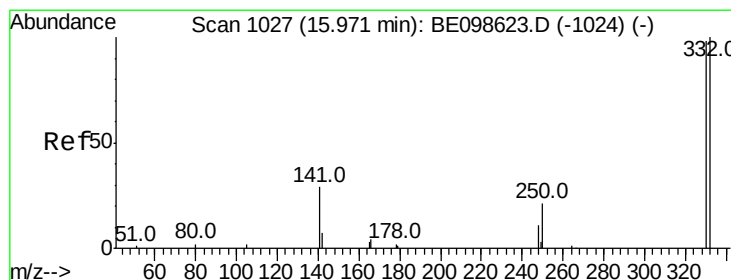
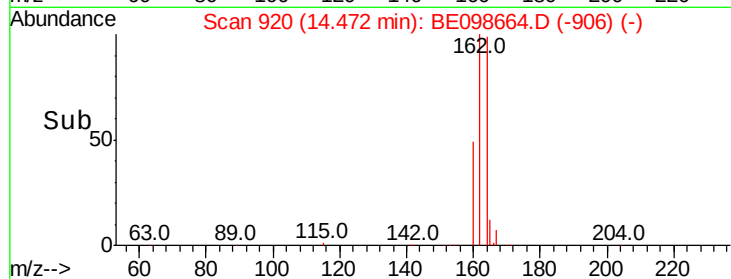
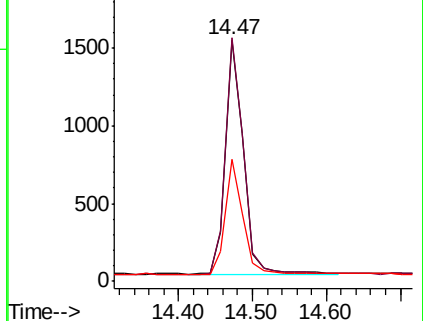
160 50.8 40.1 60.1



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: 0.519 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098664.D

Acq: 18 Jan 2019 9:10

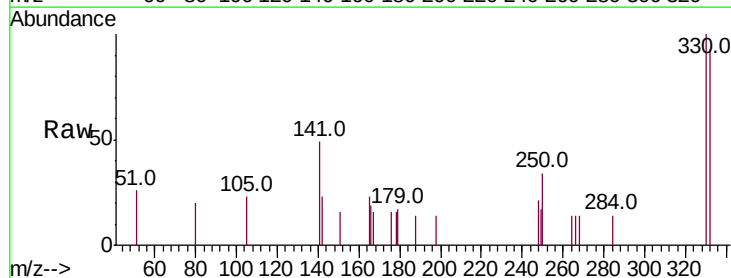
Tgt Ion:330 Resp: 571

Ion Ratio Lower Upper

330 100

332 93.9 73.3 109.9

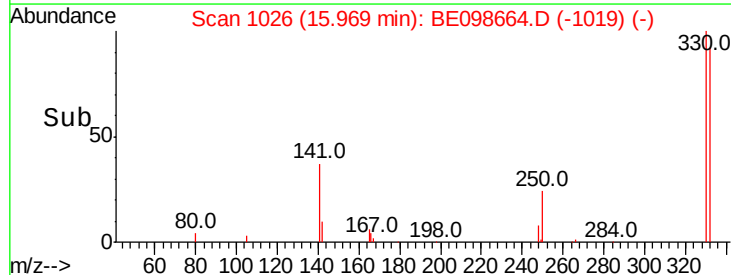
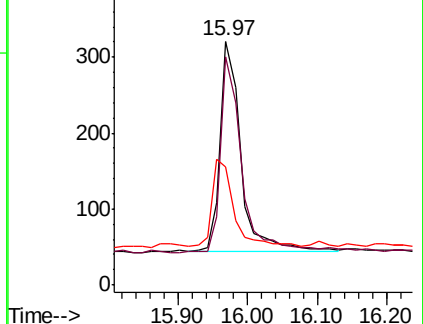
141 42.6 33.1 49.7

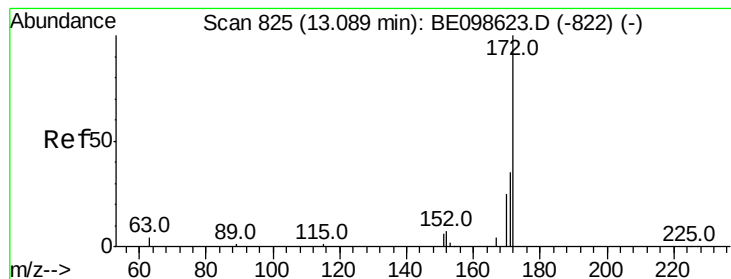


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

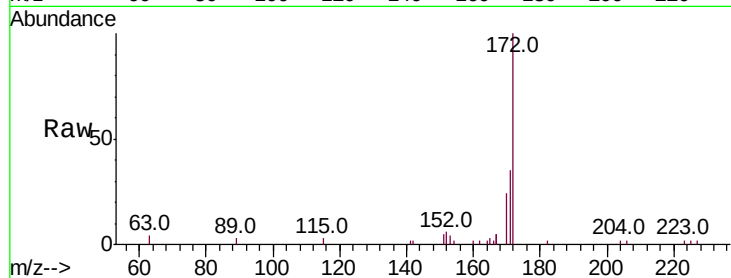




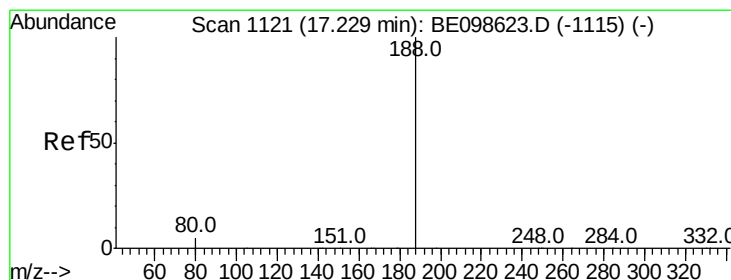
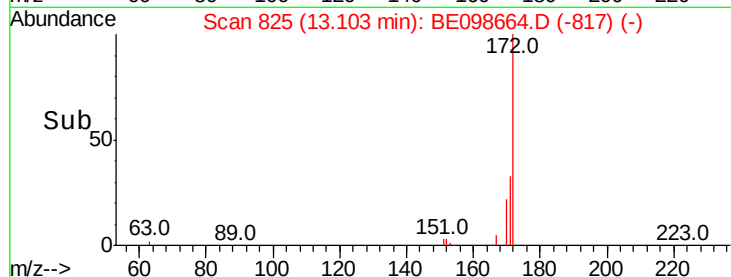
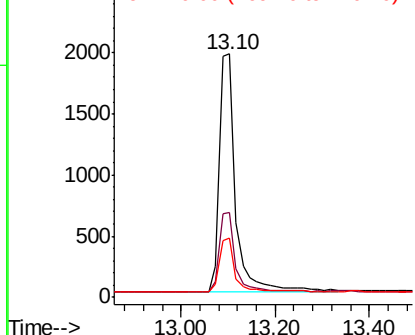
#15
2-Fluorobiphenyl
Concen: 0.456 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.01 min
Lab File: BE098664.D
Acq: 18 Jan 2019 9:10

Instrument :
BNA_E
ClientSampleId :
RD-1

Tot Ion:172 Resp: 4724
Ion Ratio Lower Upper
172 100
171 34.7 29.0 43.4
170 24.1 20.8 31.2

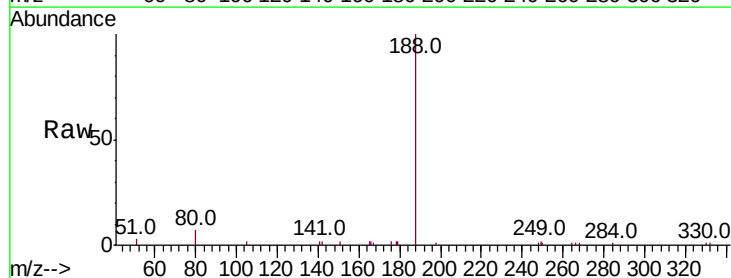


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

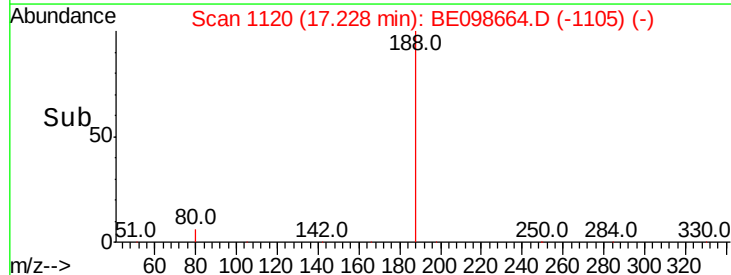
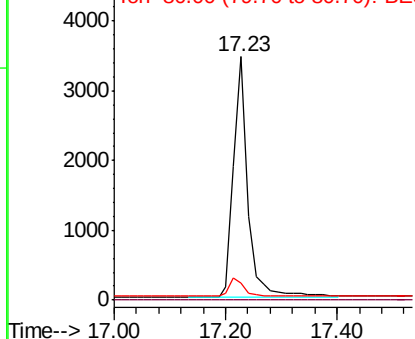


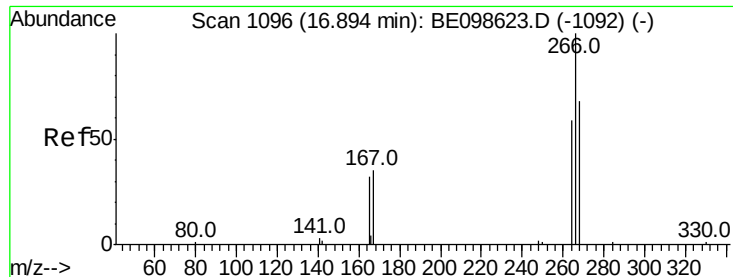
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098664.D
Acq: 18 Jan 2019 9:10

Tgt Ion:188 Resp: 6052
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.1 4.7 7.1#



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

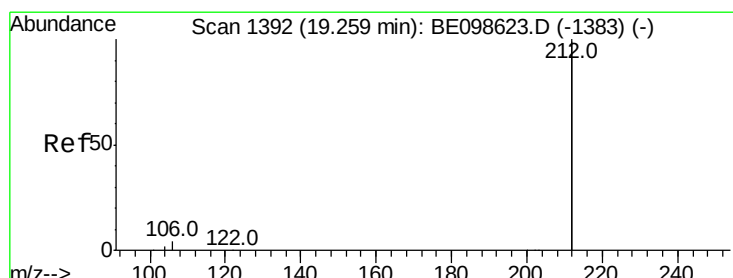
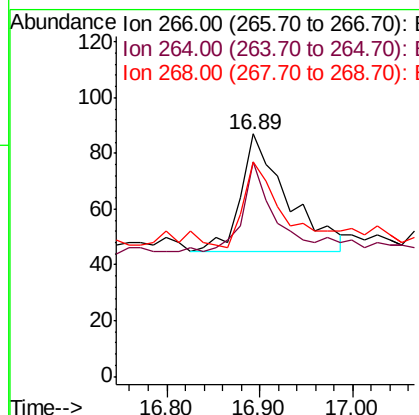
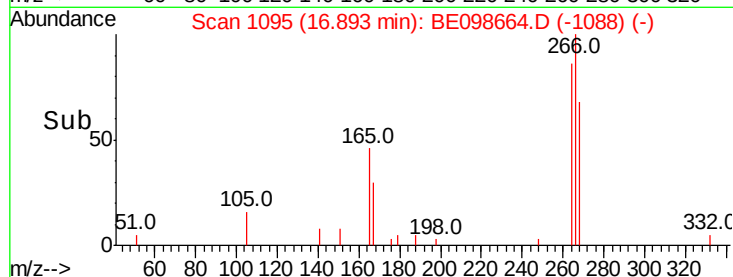
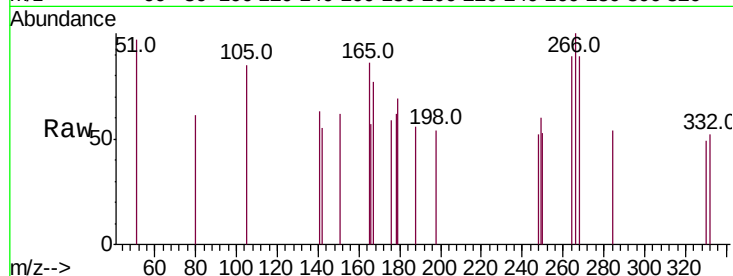




#22
 Pentachlorophenol
 Concen: 0.294 ng
 RT: 16.89 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BE098664.D
 Acq: 18 Jan 2019 9:10

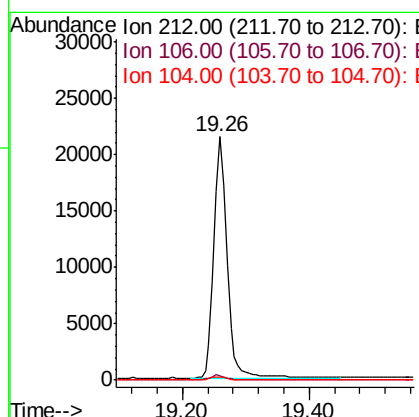
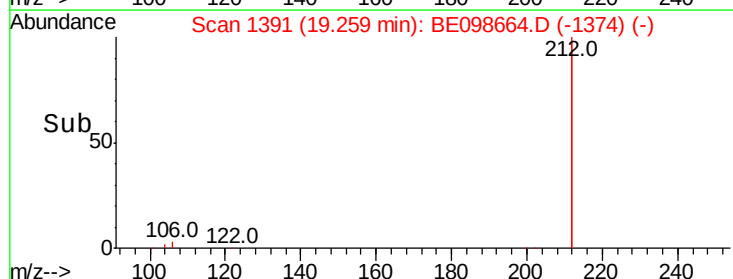
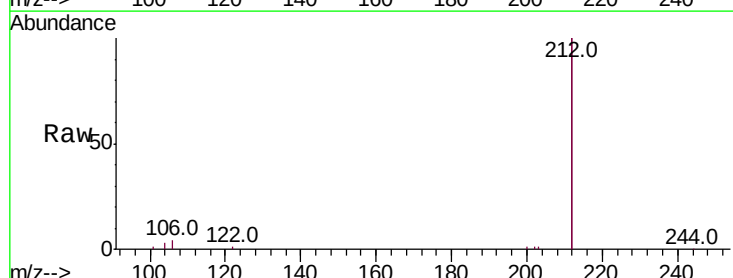
Instrument :
 BNA_E
 ClientSampleId :
 RD-1

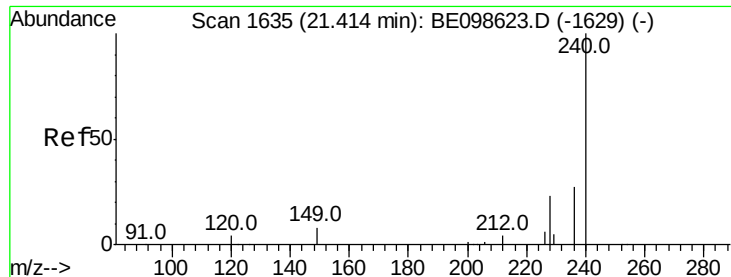
Tot Ion:266 Resp: 145
 Ion Ratio Lower Upper
 266 100
 264 88.5 53.7 80.5#
 268 88.5 59.8 89.8



#25
 Fluoranthene-d10
 Concen: 0.411 ng
 RT: 19.26 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BE098664.D
 Acq: 18 Jan 2019 9:10

Tgt Ion:212 Resp: 30789
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.7 2.5
 104 1.2 1.0 1.6

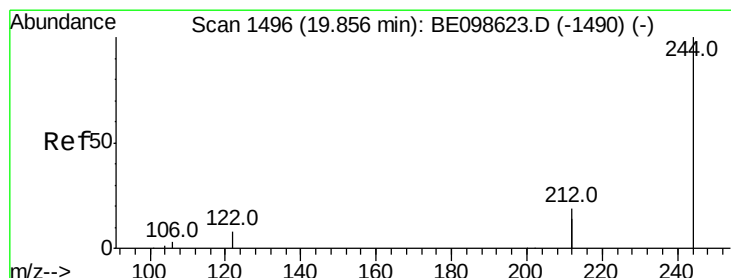
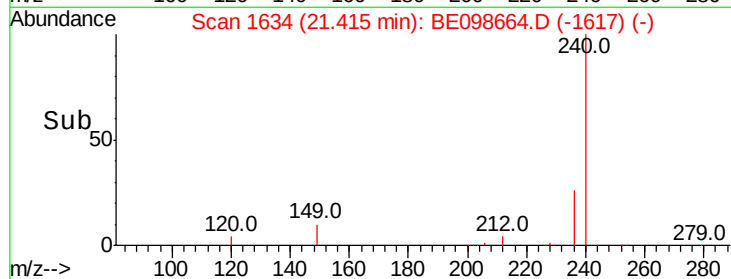
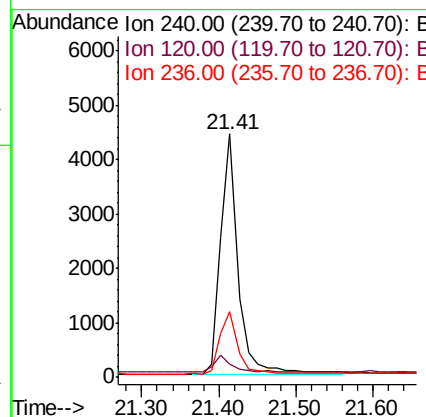
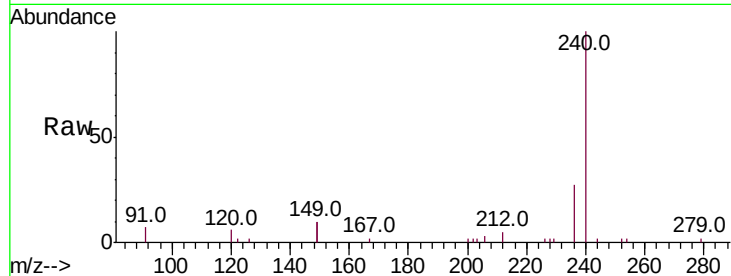




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE098664.D
 Acq: 18 Jan 2019 9:10

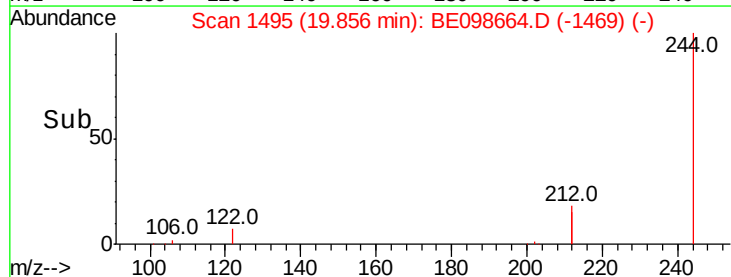
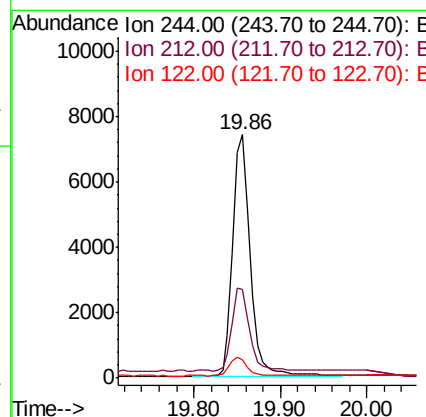
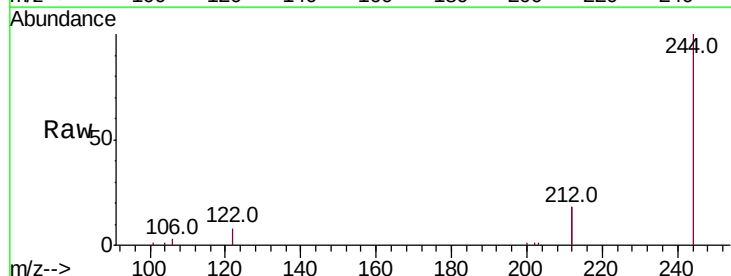
Instrument :
 BNA_E
 ClientSampleId :
 RD-1

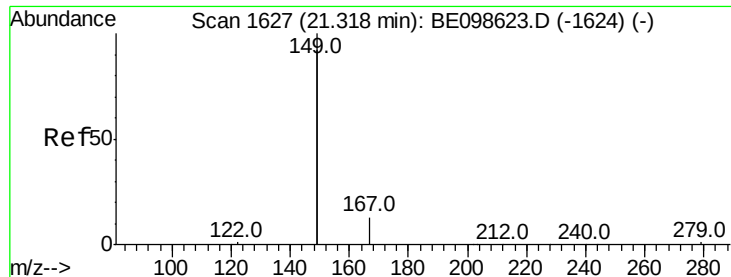
Tot Ion:240 Resp: 7005
 Ion Ratio Lower Upper
 240 100
 120 5.6 4.7 7.1
 236 26.9 21.9 32.9



#29
 Terphenyl-d14
 Concen: 0.666 ng
 RT: 19.86 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BE098664.D
 Acq: 18 Jan 2019 9:10

Tgt Ion:244 Resp: 10330
 Ion Ratio Lower Upper
 244 100
 212 36.4 29.4 44.2
 122 7.5 7.1 10.7





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.129 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE098664.D

Acq: 18 Jan 2019 9:10

Instrument :

BNA_E

ClientSampleId :

RD-1

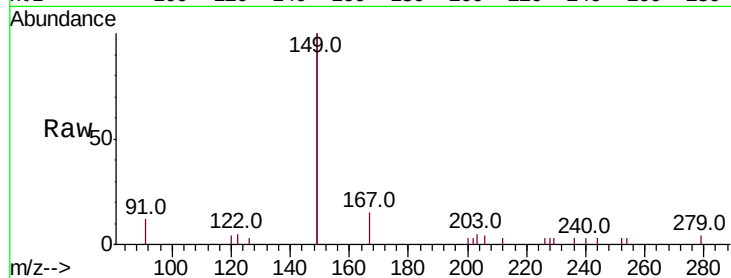
Tot Ion:149 Resp: 5142

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.2

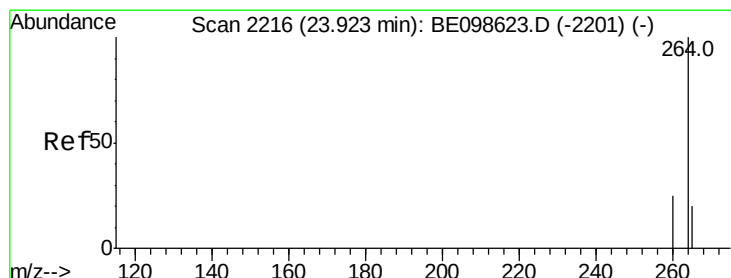
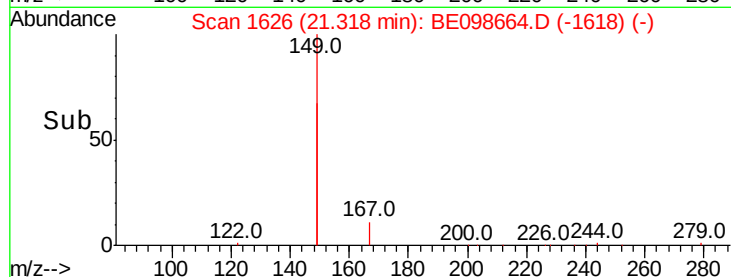
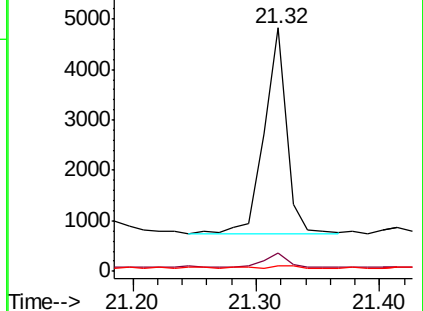
279 1.3 1.0 1.4



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: 23.92 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BE098664.D

Acq: 18 Jan 2019 9:10

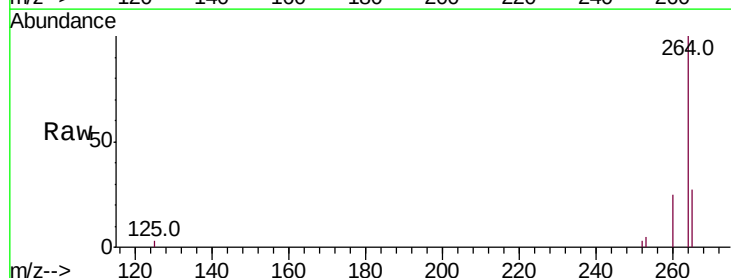
Tgt Ion:264 Resp: 6956

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

265 27.5 22.3 33.5



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

