

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098935.D
 Acq On : 14 Mar 2019 6:50
 Operator : JU/SJ
 Sample : K1860-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 14 07:27:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

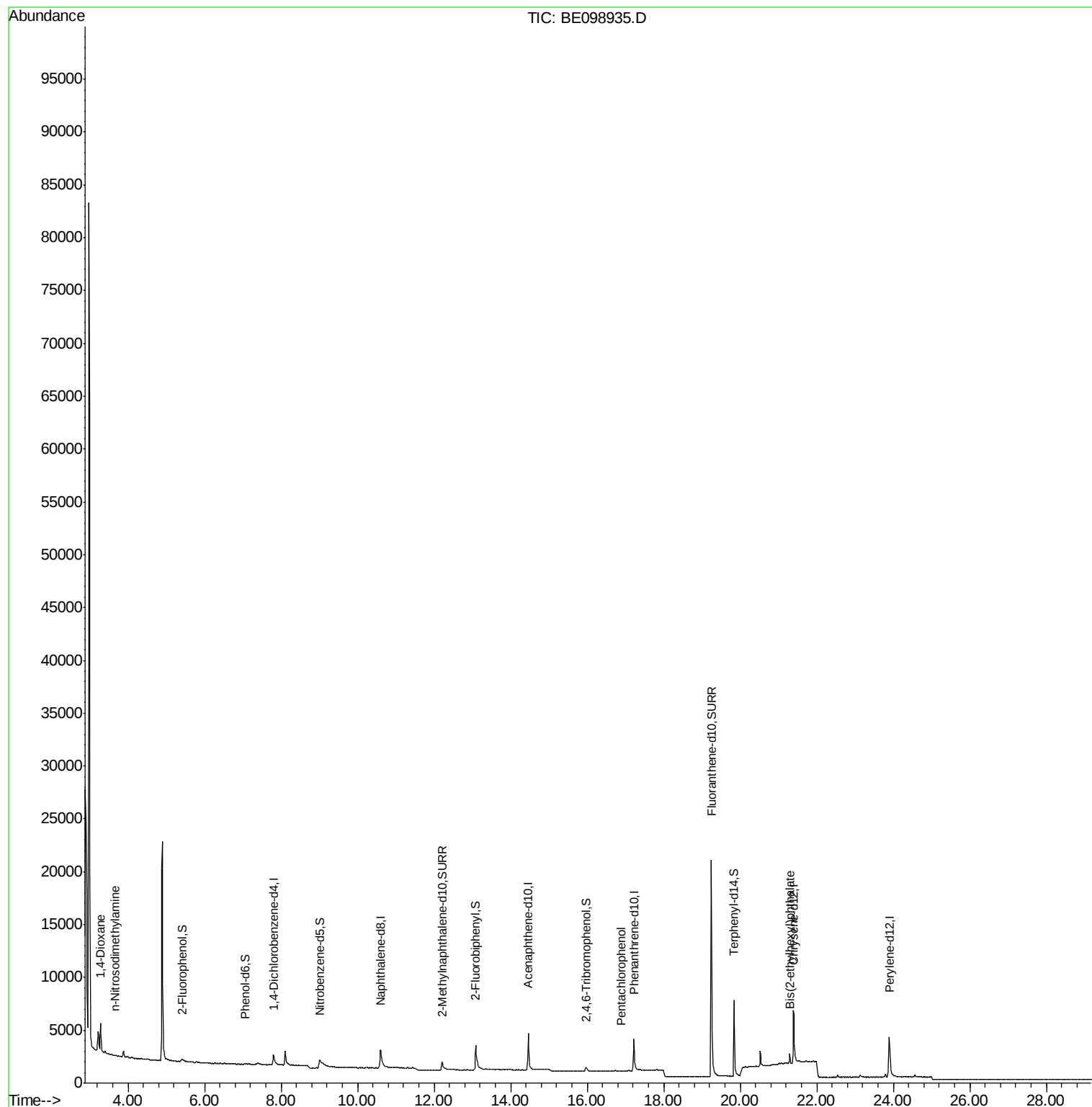
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	862	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3860	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2718	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6471	0.40	ng	0.00
27) Chrysene-d12	21.39	240	8007	0.40	ng	-0.01
34) Perylene-d12	23.89	264	7762	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	406	0.16	ng	0.03
5) Phenol-d6	7.06	99	221	0.06	ng	0.07
8) Nitrobenzene-d5	9.02	82	1129	0.28	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	2430	0.34	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	439	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4586	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	34641	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	8066	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	1526	1.046	ng	Qvalue # 87
3) n-Nitrosodimethylamine	3.65	42	58	0.027	ng	# 24
22) Pentachlorophenol	16.89	266	10	0.272	ng	91
32) Bis(2-ethylhexyl)phthalate	21.29	149	1224	0.023	ng	# 98

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

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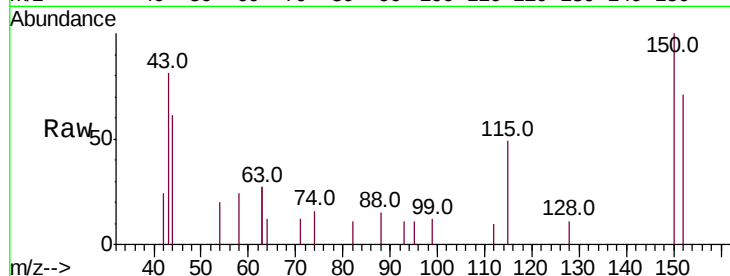


#1

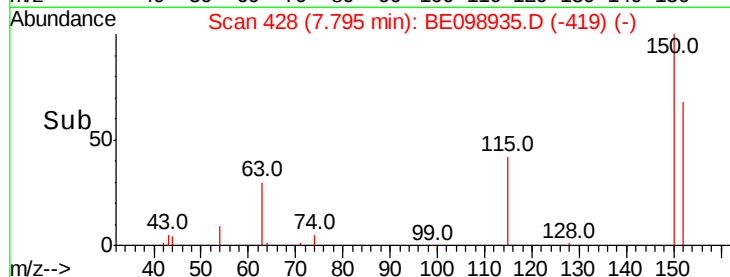
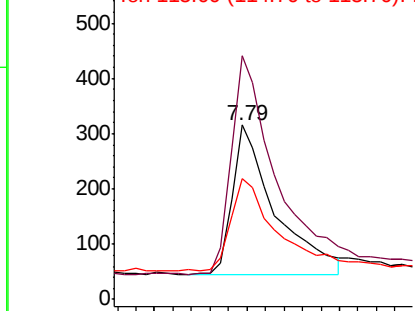
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098935.D
Acq: 14 Mar 2019 6:50

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 862
Ion Ratio Lower Upper
152 100
150 140.0 122.5 183.7
115 69.2 57.4 86.2



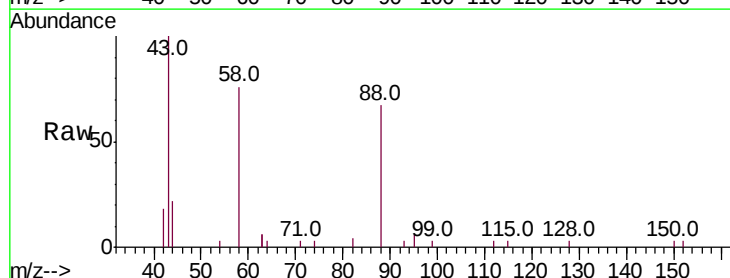
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



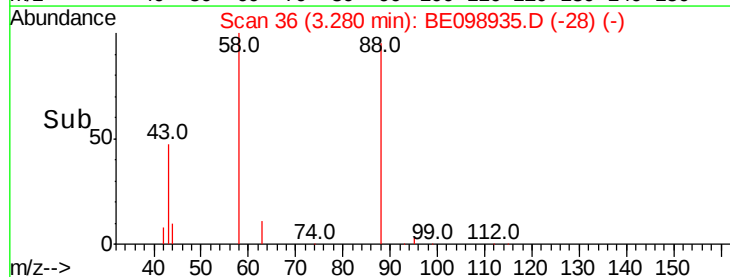
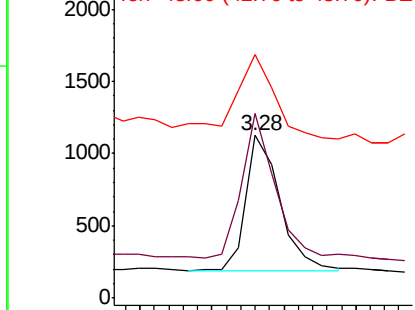
#2

1,4-Dioxane
Concen: 1.046 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098935.D
Acq: 14 Mar 2019 6:50

Tgt Ion: 88 Resp: 1526
Ion Ratio Lower Upper
88 100
58 102.8 75.8 113.6
43 66.4 41.8 62.8#



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: 3.65 min Scan# 68

Delta R.T. 0.03 min

Lab File: BE098935.D

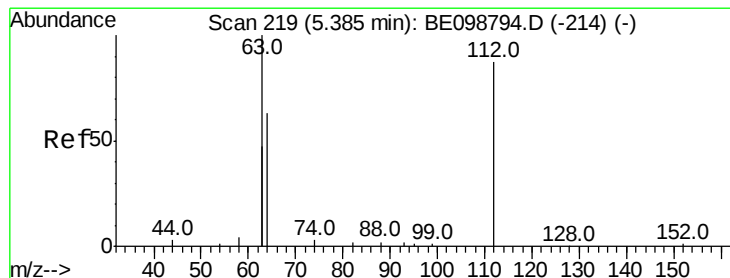
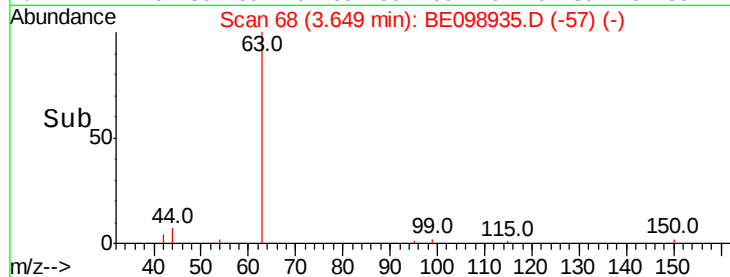
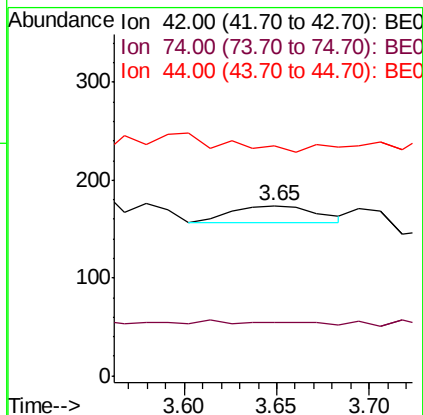
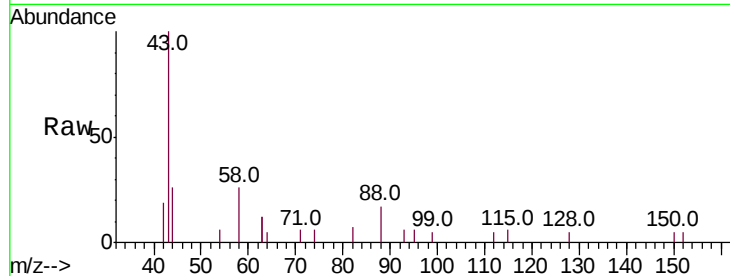
Acq: 14 Mar 2019 6:50

Instrument :

BNA_E

ClientSampled :

Tot Ion:	42	Resp:	58
Ion	Ratio	Lower	Upper
42	100		
74	8.6	57.0	85.4#
44	0.0	0.0	0.0



#4

2-Fluorophenol

Concen: 0.158 ng

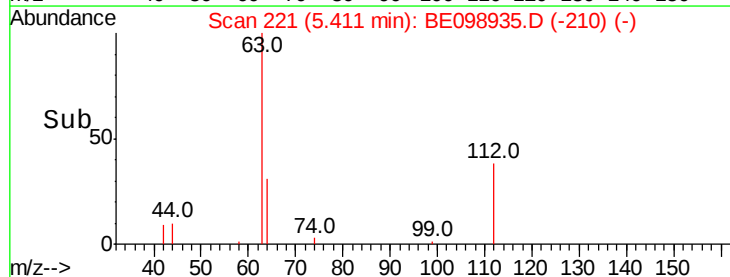
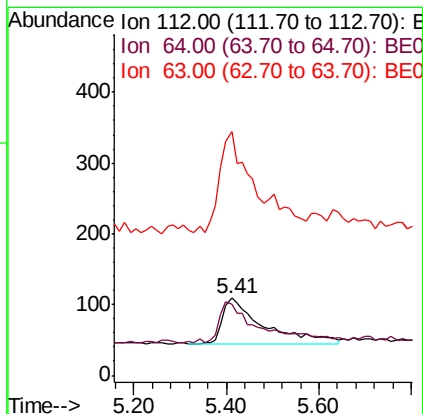
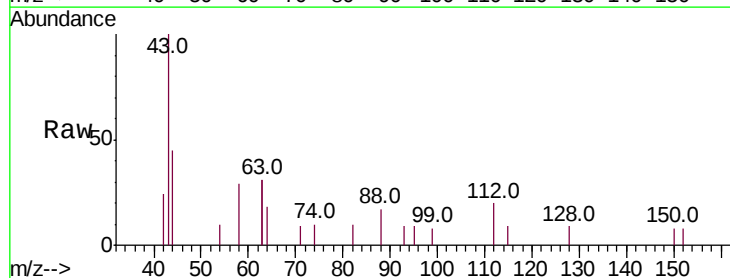
RT: 5.41 min Scan# 221

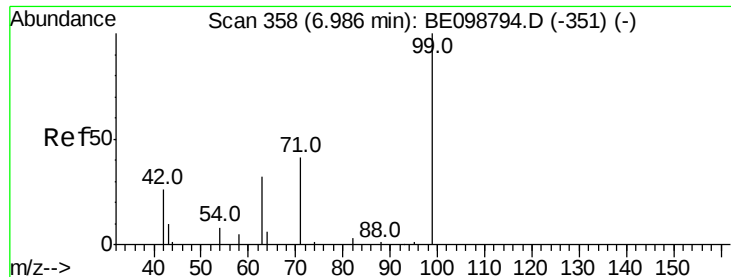
Delta R.T. 0.03 min

Lab File: BE098935.D

Acq: 14 Mar 2019 6:50

Tgt Ion:	112	Resp:	406
Ion	Ratio	Lower	Upper
112	100		
64	69.2	57.9	86.9
63	148.5	158.3	237.5#





#5

Phenol-d6

Concen: 0.061 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.07 min

Lab File: BE098935.D

Acq: 14 Mar 2019 6:50

Instrument :

BNA_E

ClientSampleId :

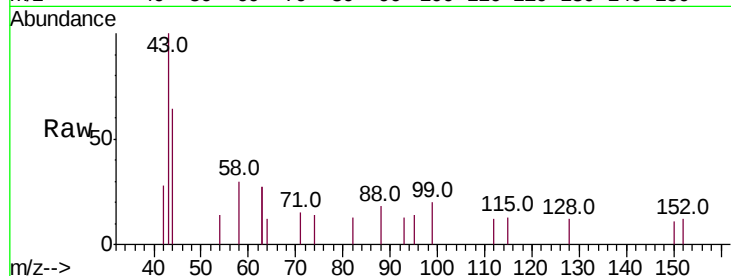
Tot Ion: 99 Resp: 221

Ion Ratio Lower Upper

99 100

42 22.6 24.2 36.2#

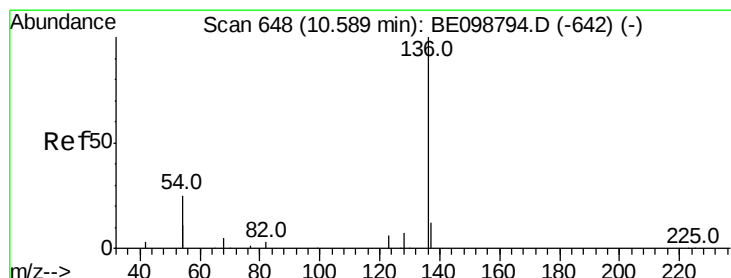
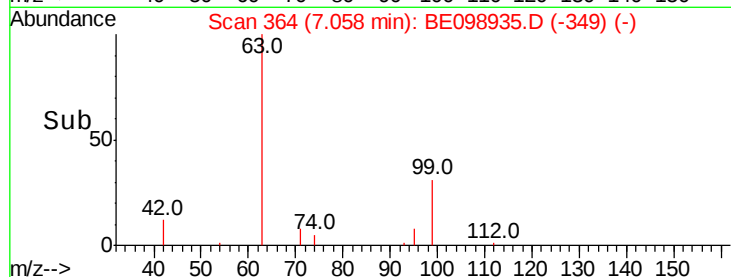
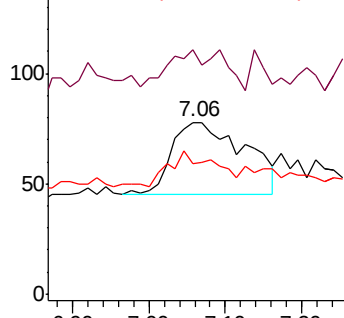
71 30.3 35.7 53.5#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098935.D

Acq: 14 Mar 2019 6:50

Tgt Ion: 136 Resp: 3860

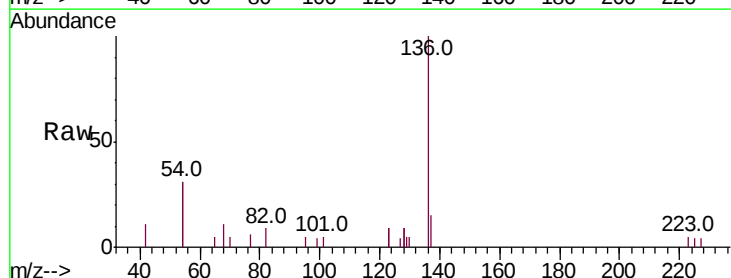
Ion Ratio Lower Upper

136 100

137 14.6 11.4 17.0

54 61.6 39.3 58.9#

68 10.8 6.7 10.1#

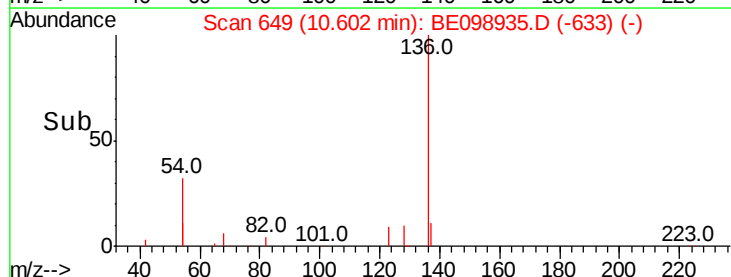
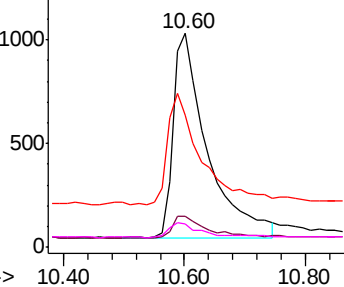


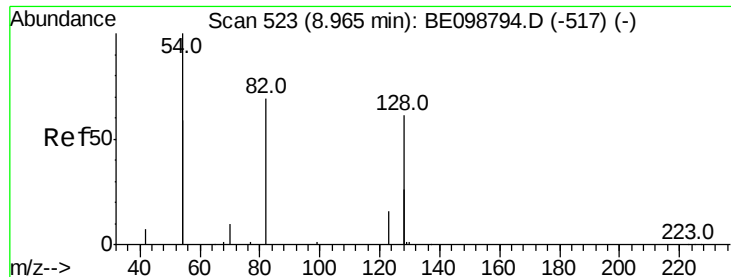
Abundance Ion 136.00 (135.70 to 136.70): E

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

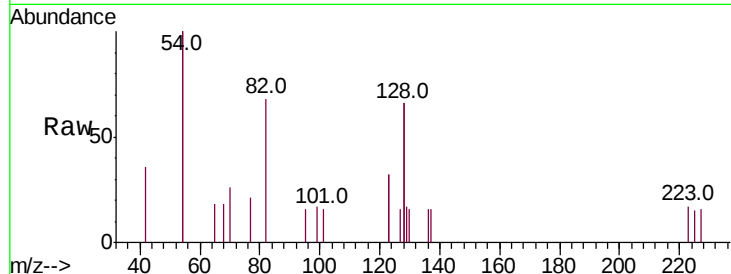




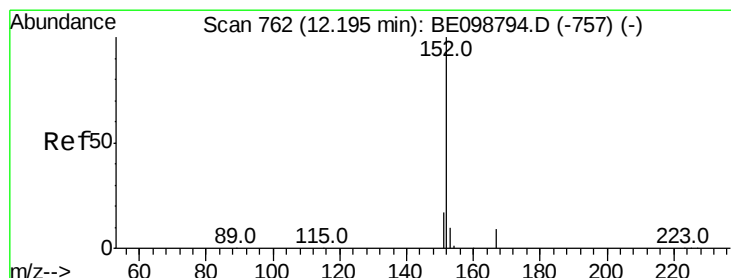
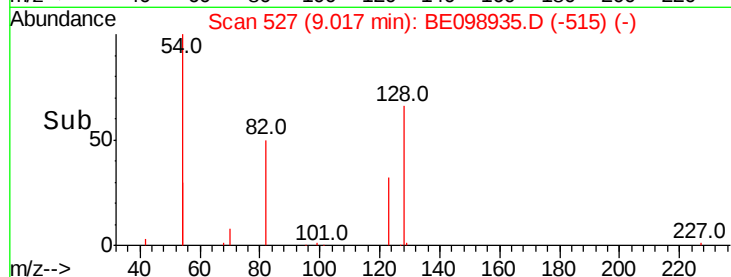
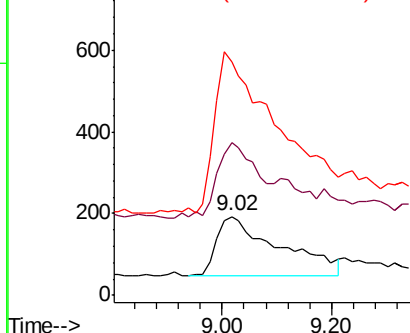
#8
 Nitrobenzene-d5
 Concen: 0.279 ng
 RT: 9.02 min Scan# 527
 Delta R.T. 0.05 min
 Lab File: BE098935.D
 Acq: 14 Mar 2019 6:50

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	82	Resp	1129
Ion Ratio	Lower	Upper	
82	100		
128	193.8	123.8	185.8#
54	295.3	203.4	305.2

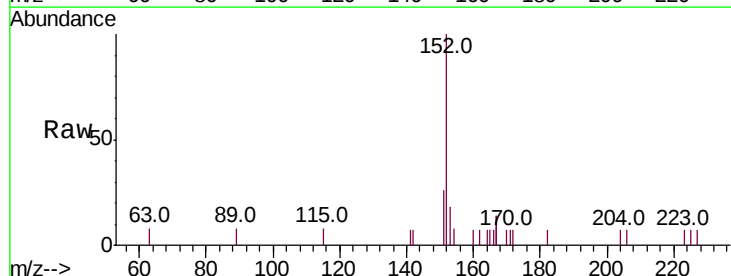


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

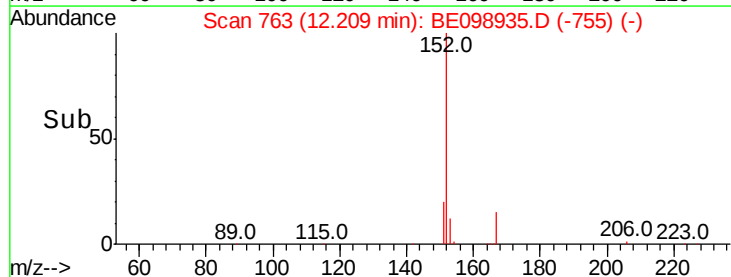
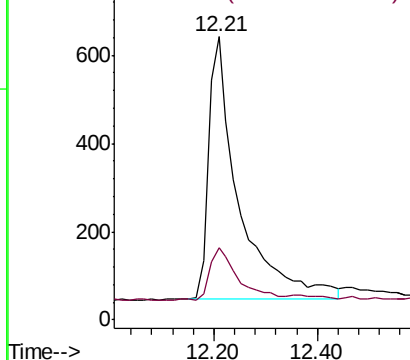


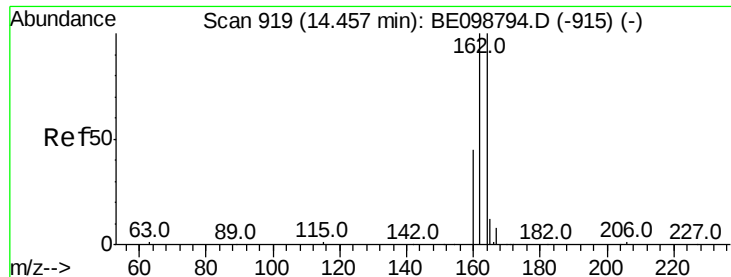
#11
 2-Methylnaphthalene-d10
 Concen: 0.341 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE098935.D
 Acq: 14 Mar 2019 6:50

Tgt Ion	152	Resp	2430
Ion Ratio	Lower	Upper	
152	100		
151	18.0	16.5	24.7



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

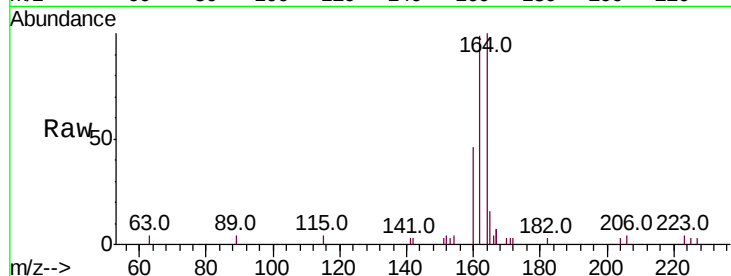




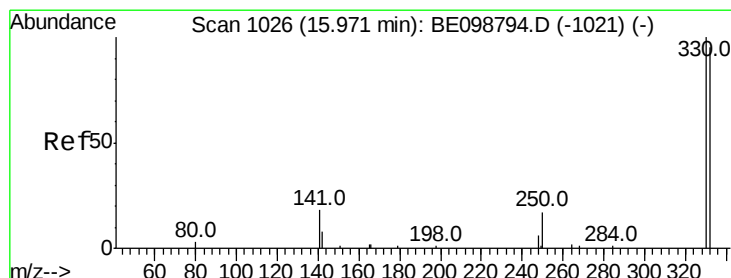
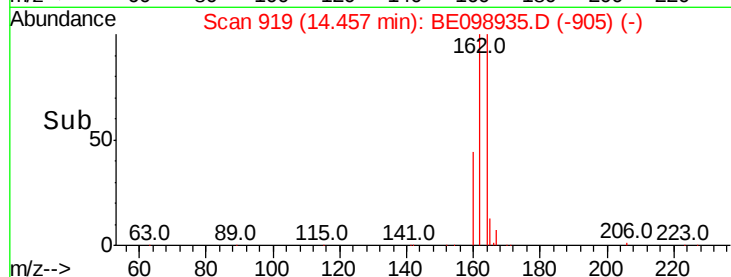
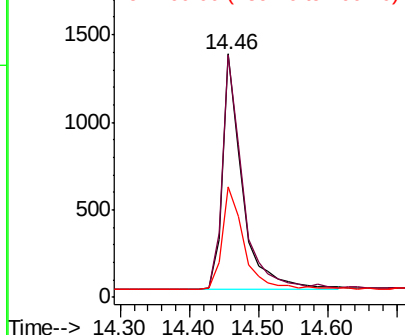
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098935.D
Acq: 14 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 2718
Ion Ratio Lower Upper
164 100
162 99.5 80.2 120.2
160 45.5 37.8 56.8

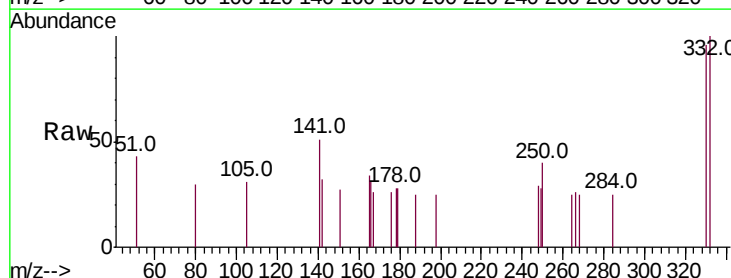


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

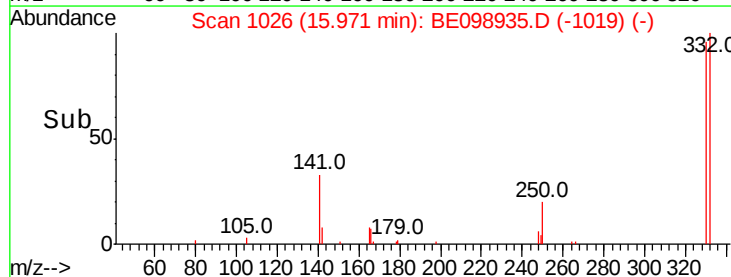
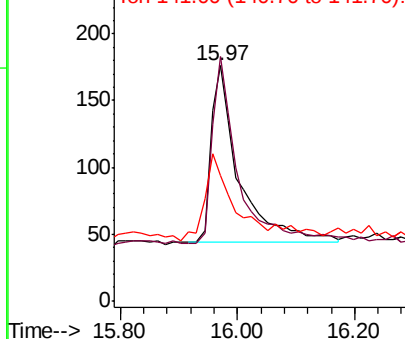


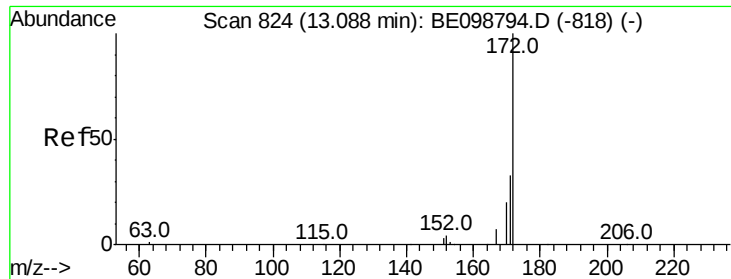
#14
2,4,6-Tribromophenol
Concen: 0.320 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE098935.D
Acq: 14 Mar 2019 6:50

Tgt Ion:330 Resp: 439
Ion Ratio Lower Upper
330 100
332 102.5 77.6 116.4
141 49.4 31.0 46.4#



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

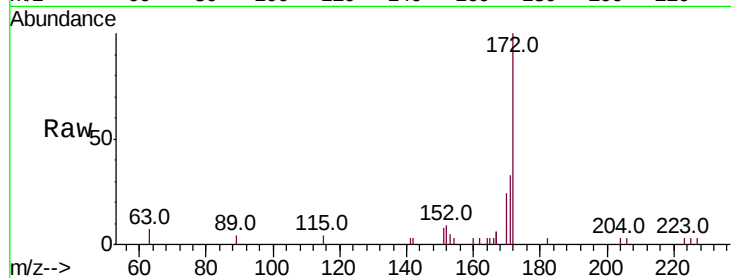




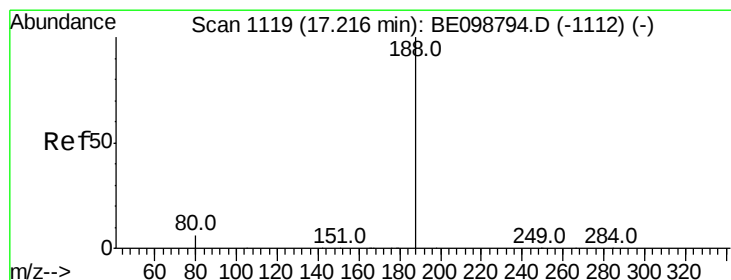
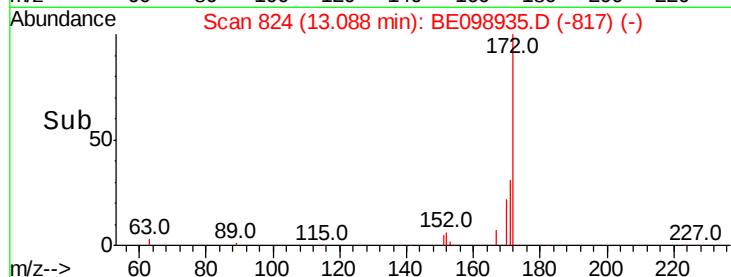
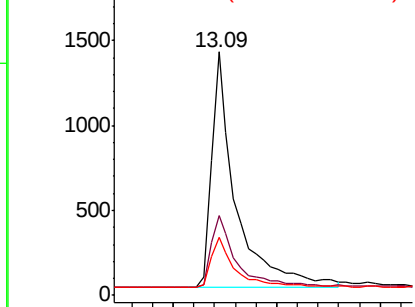
#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098935.D
Acq: 14 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4586
Ion Ratio Lower Upper
172 100
171 33.0 28.0 42.0
170 24.0 17.7 26.5

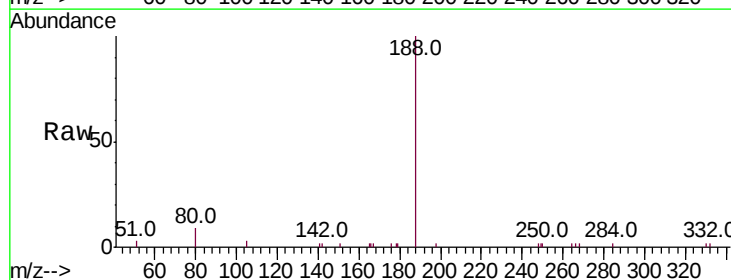


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

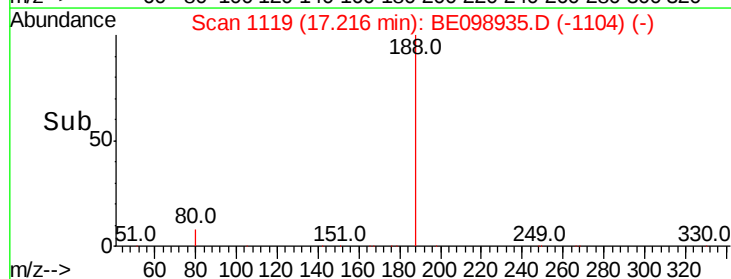
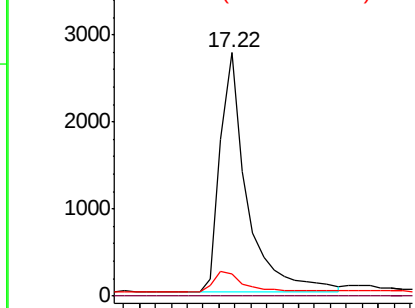


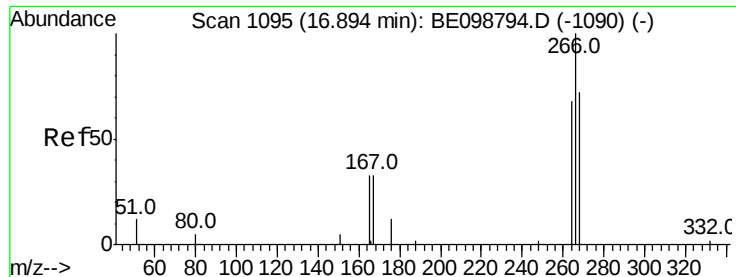
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE098935.D
Acq: 14 Mar 2019 6:50

Tgt Ion:188 Resp: 6471
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 6.3 9.5



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

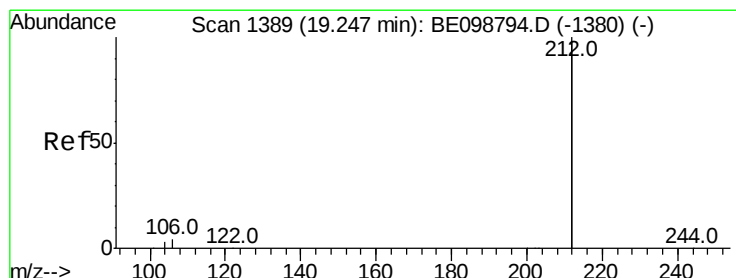
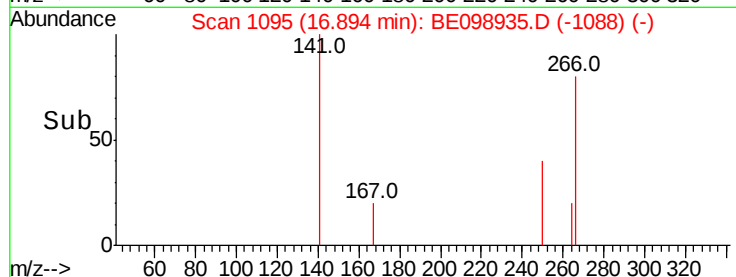
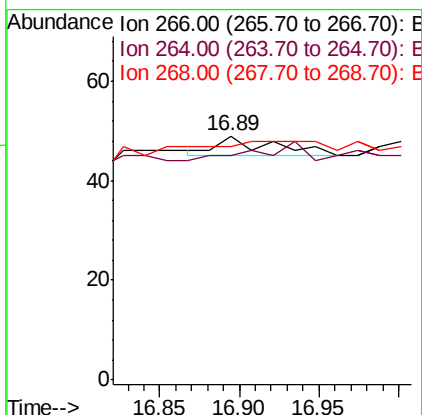
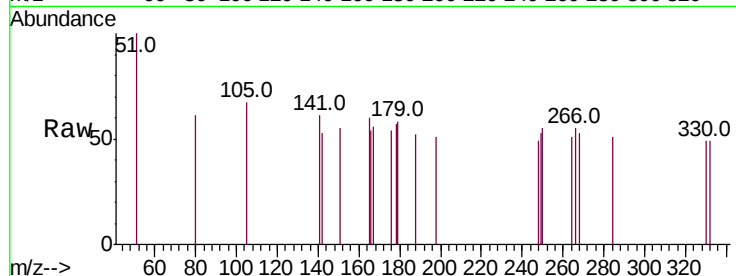




#22
 Pentachlorophenol
 Concen: 0.272 ng
 RT: 16.89 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BE098935.D
 Acq: 14 Mar 2019 6:50

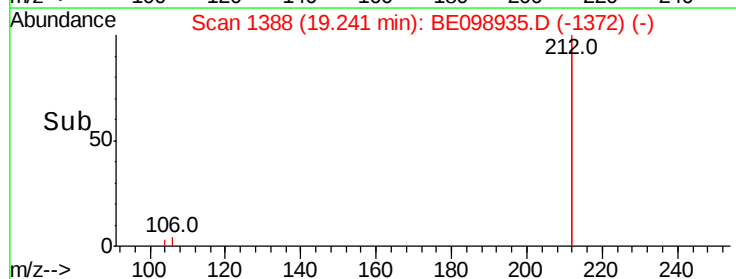
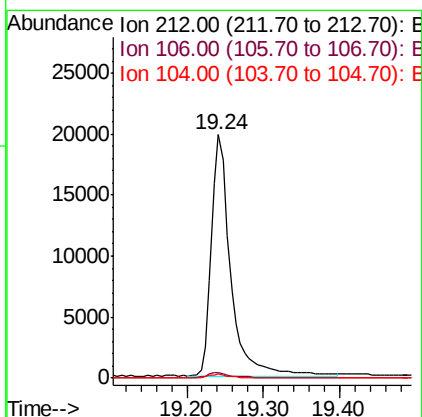
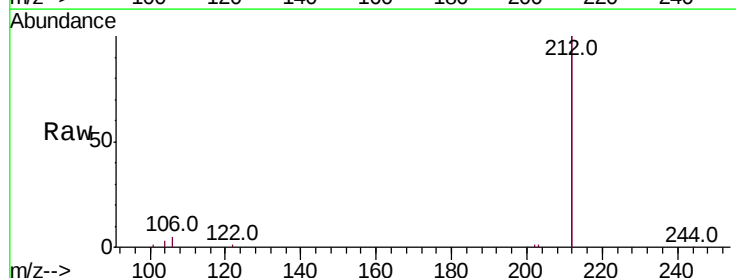
Instrument :
 BNA_E
 ClientSampleId :

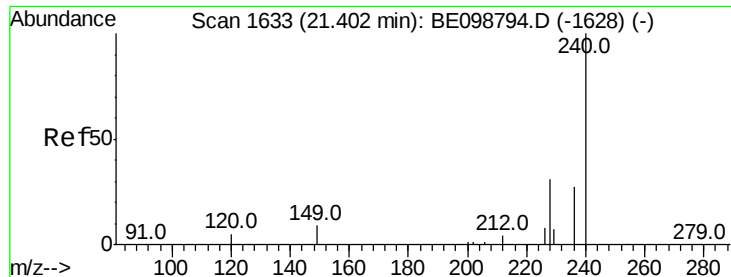
Tot Ion:266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 91.8 66.6 100.0
 268 95.9 69.8 104.8



#25
 Fluoranthene-d10
 Concen: 0.335 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE098935.D
 Acq: 14 Mar 2019 6:50

Tgt Ion:212 Resp: 34641
 Ion Ratio Lower Upper
 212 100
 106 2.3 1.8 2.8
 104 1.3 1.0 1.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE098935.D

Acq: 14 Mar 2019 6:50

Instrument :

BNA_E

ClientSampleId :

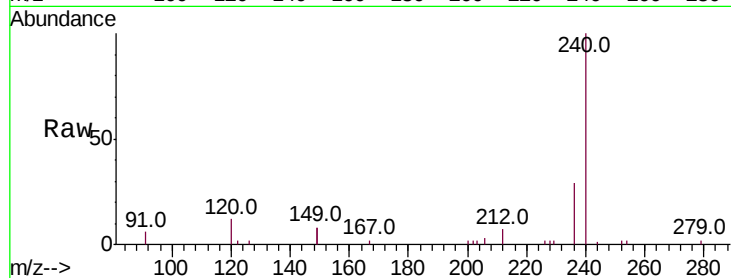
Tot Ion:240 Resp: 8007

Ion Ratio Lower Upper

240 100

120 12.1 5.0 7.4#

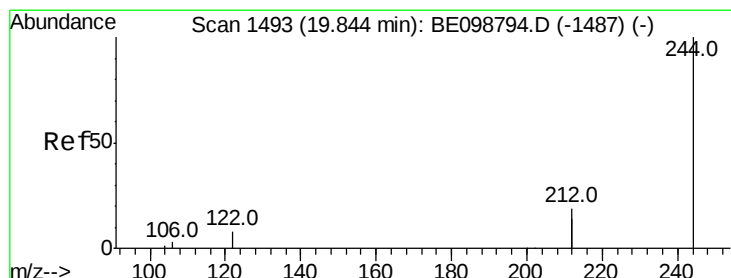
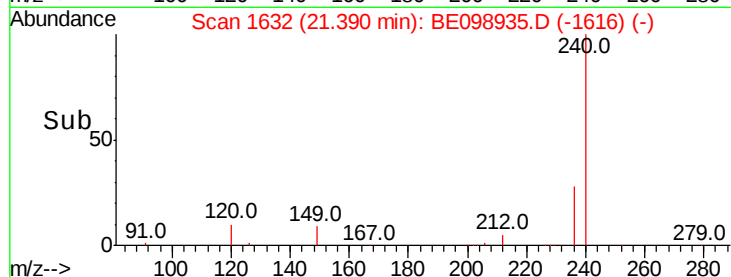
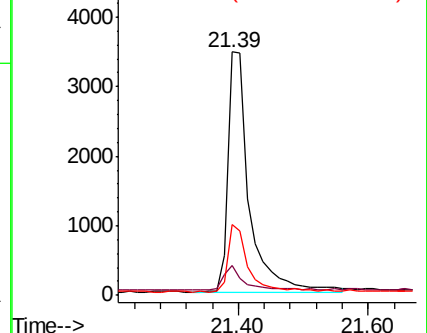
236 28.9 22.7 34.1



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: 0.415 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098935.D

Acq: 14 Mar 2019 6:50

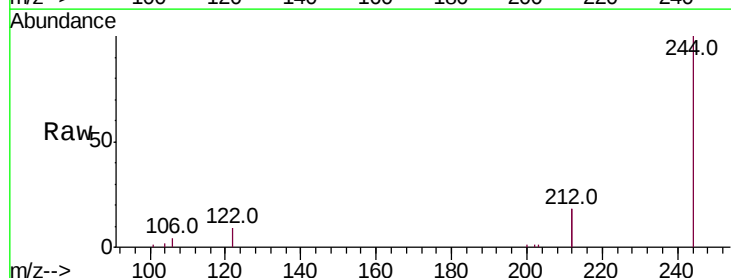
Tgt Ion:244 Resp: 8066

Ion Ratio Lower Upper

244 100

212 36.7 29.4 44.2

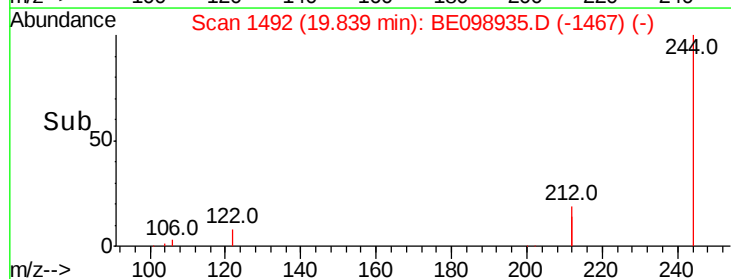
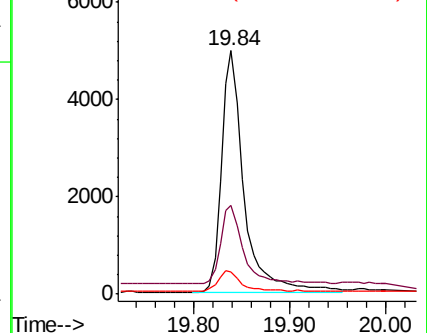
122 9.3 7.1 10.7

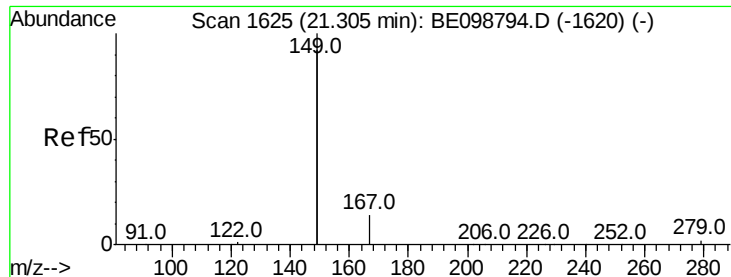


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.023 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098935.D

Acq: 14 Mar 2019 6:50

Instrument :

BNA_E

ClientSampleId :

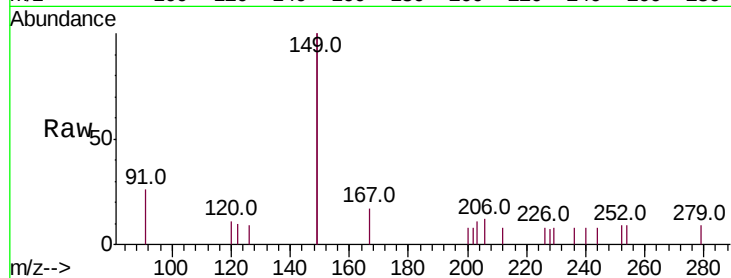
Tot Ion:149 Resp: 1224

Ion Ratio Lower Upper

149 100

167 6.1 5.4 8.0

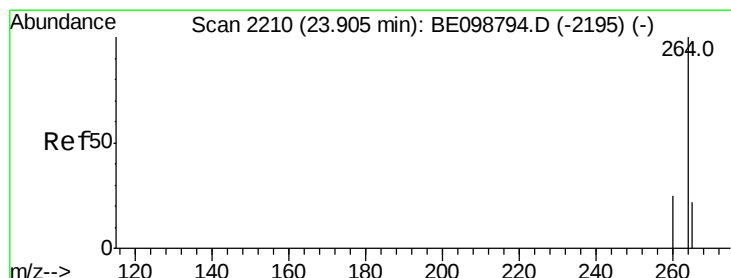
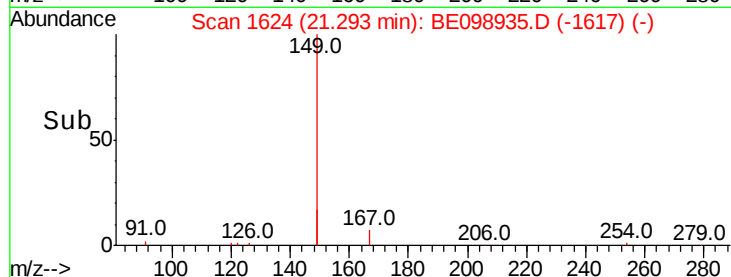
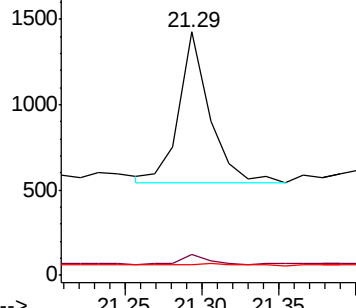
279 2.2 1.0 1.4#



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: 23.89 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BE098935.D

Acq: 14 Mar 2019 6:50

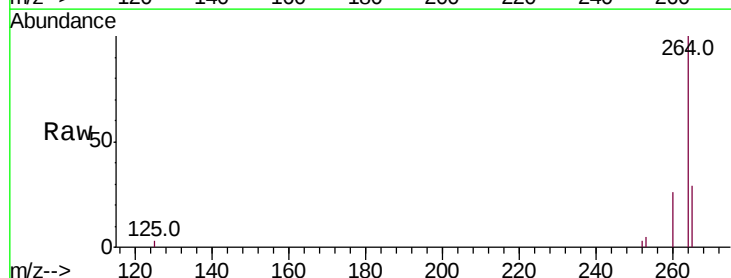
Tgt Ion:264 Resp: 7762

Ion Ratio Lower Upper

264 100

260 25.8 21.2 31.8

265 29.4 24.6 36.8



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

