

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030719\
 Data File : BE098815.D
 Acq On : 7 Mar 2019 11:57
 Operator : JU/SJ
 Sample : PB117620BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117620BL

Quant Time: Mar 07 12:55:30 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	699	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2831	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1937	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	5246	0.40	ng	0.01
27) Chrysene-d12	21.40	240	7024	0.40	ng	0.00
34) Perylene-d12	23.91	264	6822	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	746	0.36	ng	0.00
5) Phenol-d6	7.02	99	923	0.31	ng	0.04
8) Nitrobenzene-d5	9.02	82	800	0.27	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	1695	0.32	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	210	0.21	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2458	0.31	ng	0.01
25) Fluoranthene-d10	19.25	212	28229	0.34	ng	0.00
29) Terphenyl-d14	19.85	244	5683	0.33	ng	0.00

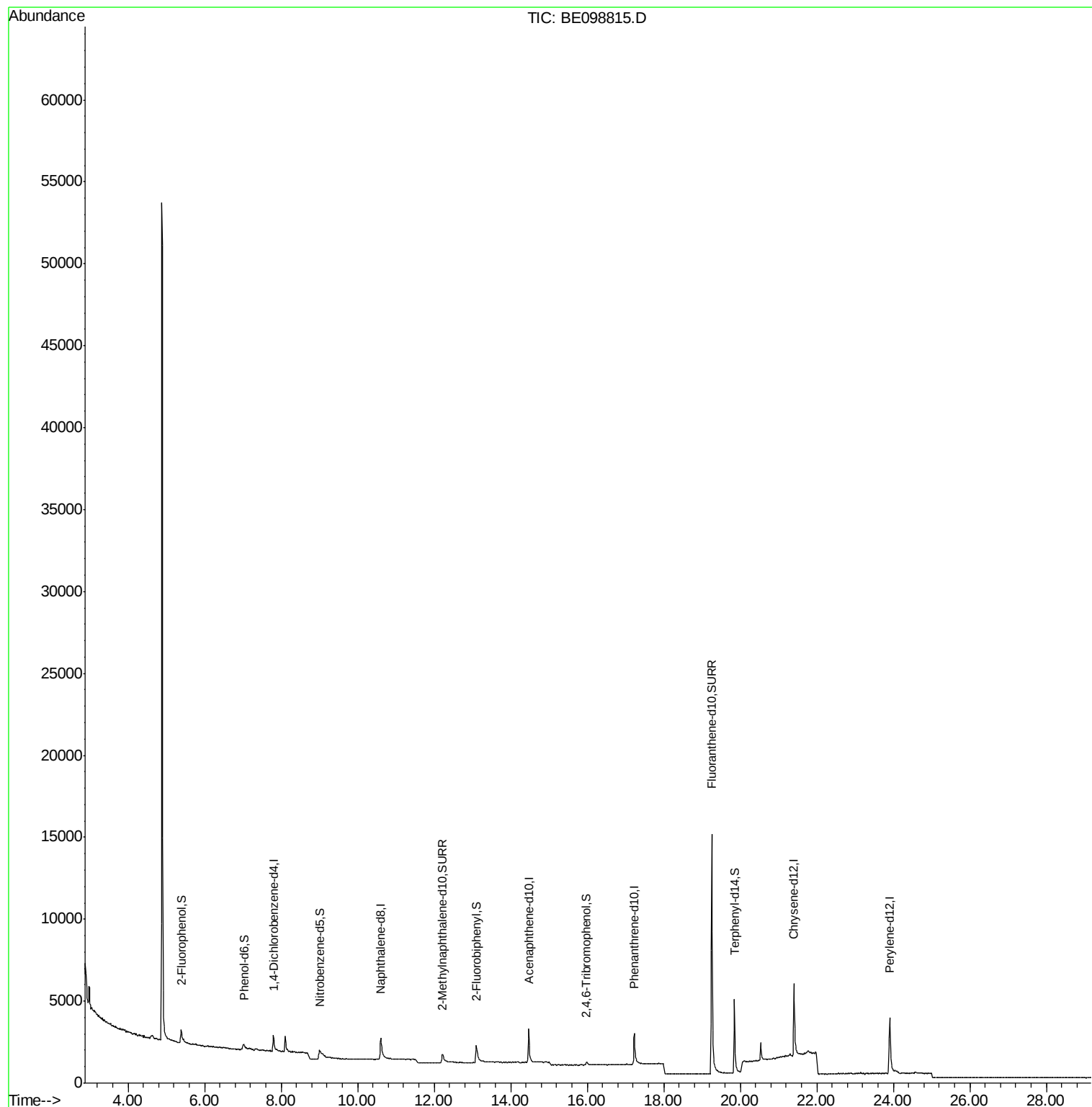
Target Compounds	Qvalue

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

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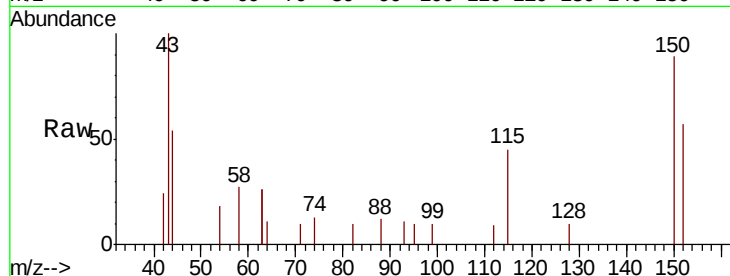


#1

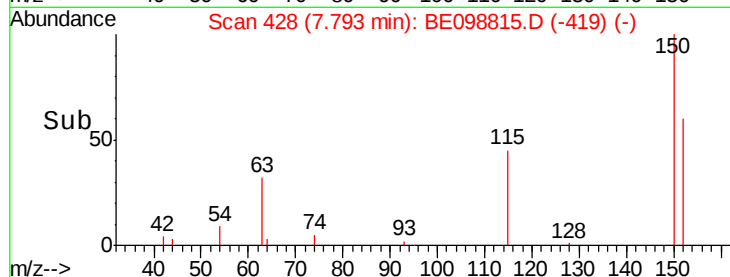
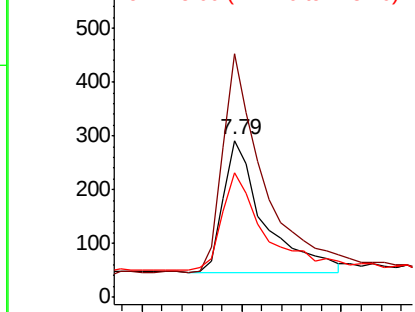
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098815.D
Acq: 7 Mar 2019 11:57

Instrument :
BNA_E
ClientSampleId :
PB117620BL

Tot Ion:152 Resp: 699
Ion Ratio Lower Upper
152 100
150 155.7 122.5 183.7
115 79.7 57.4 86.2



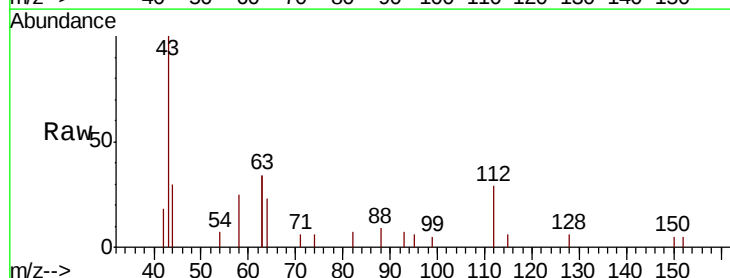
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



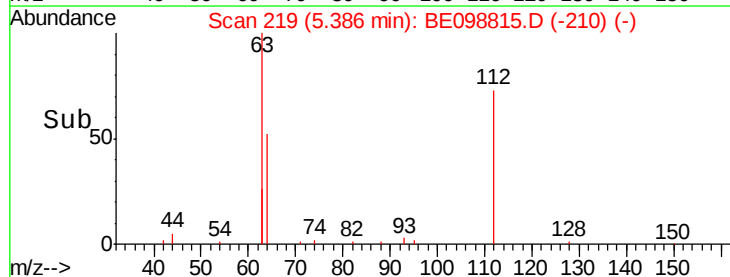
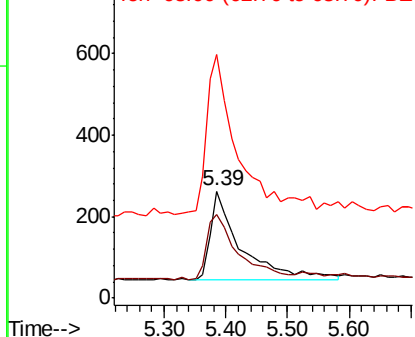
#4

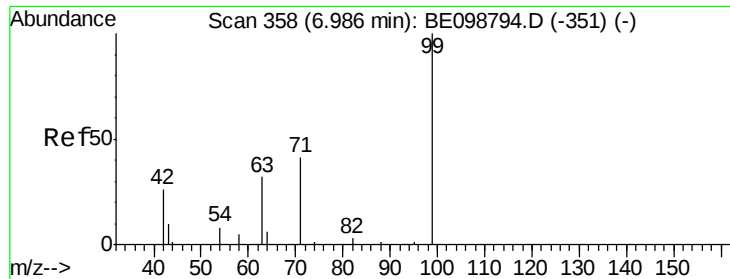
2-Fluorophenol
Concen: 0.357 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE098815.D
Acq: 7 Mar 2019 11:57

Tgt Ion:112 Resp: 746
Ion Ratio Lower Upper
112 100
64 74.8 57.9 86.9
63 177.5 158.3 237.5



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: 0.313 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.04 min

Lab File: BE098815.D

Acq: 7 Mar 2019 11:57

Instrument :

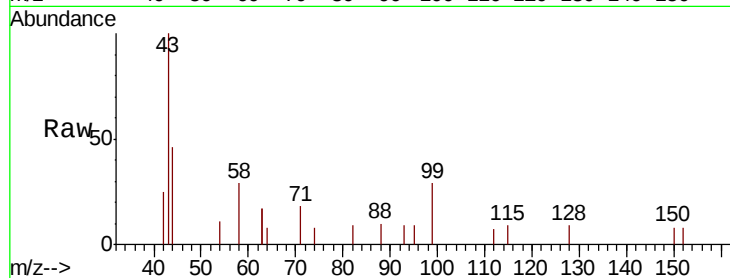
BNA_E

ClientSampleId :

PB117620BL

Tot Ion: 99 Resp: 923

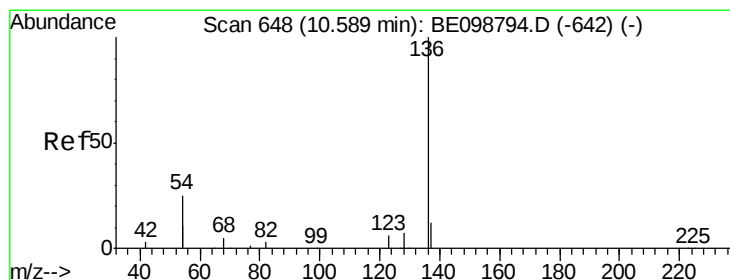
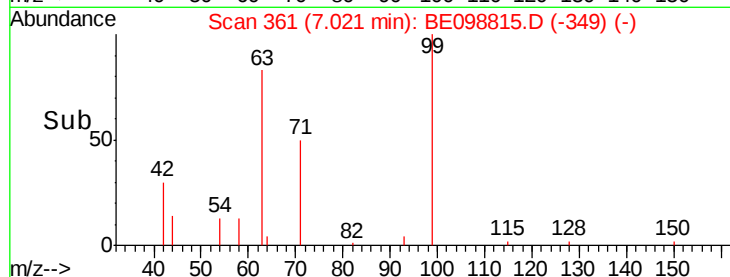
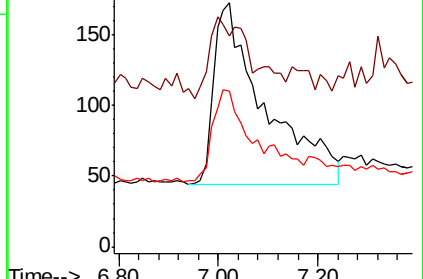
Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	42.9	35.7	53.5



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

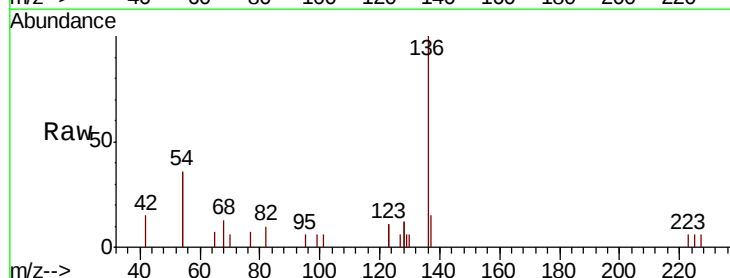
Delta R.T. 0.01 min

Lab File: BE098815.D

Acq: 7 Mar 2019 11:57

Tgt Ion: 136 Resp: 2831

Ion	Ratio	Lower	Upper
136	100		
137	15.2	11.4	17.0
54	71.2	39.3	58.9#
68	13.0	6.7	10.1#

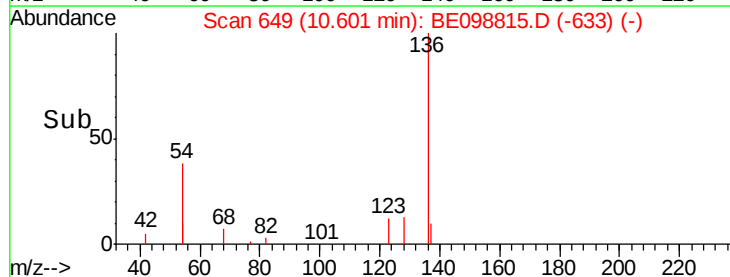
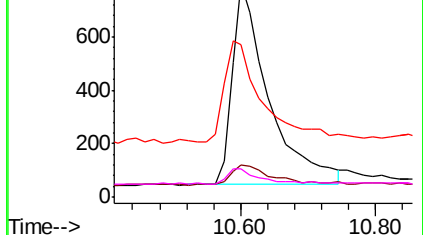


Abundance Ion 136.00 (135.70 to 136.70): E

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

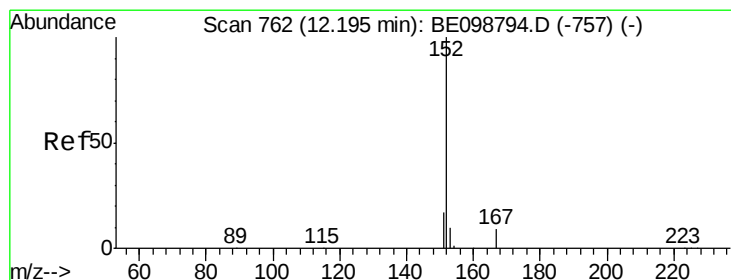
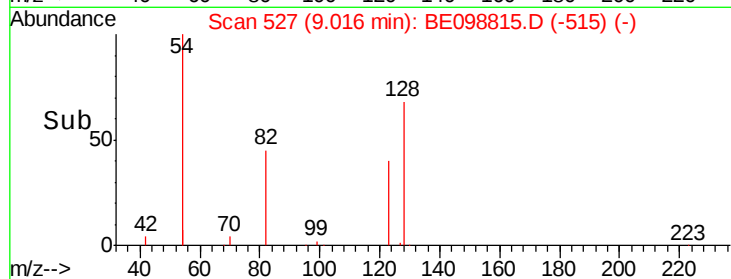
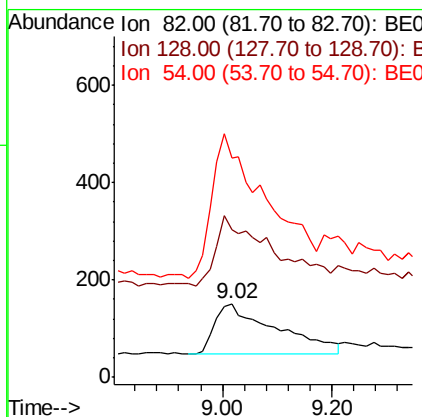
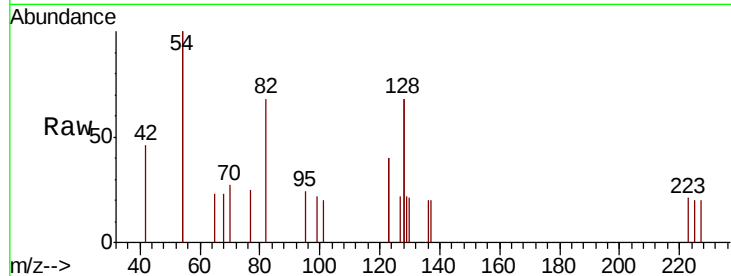




#8
 Nitrobenzene-d5
 Concen: 0.269 ng
 RT: 9.02 min Scan# 527
 Delta R.T. 0.05 min
 Lab File: BE098815.D
 Acq: 7 Mar 2019 11:57

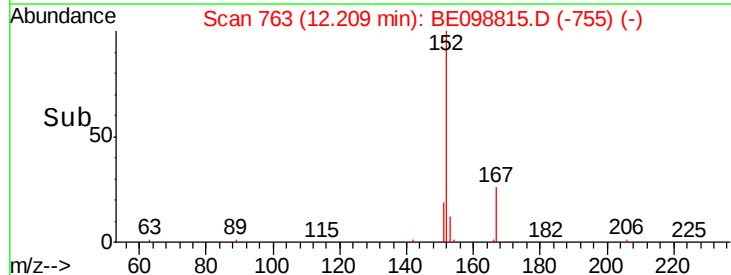
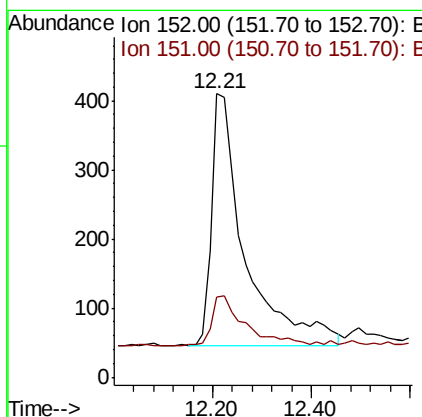
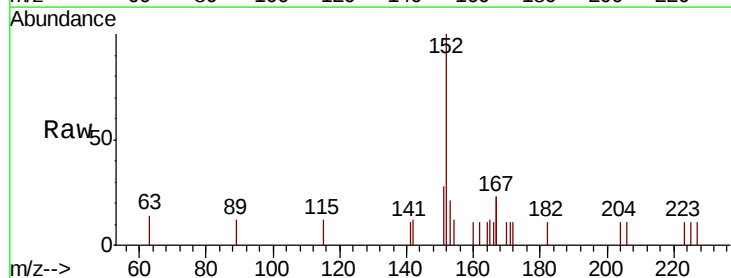
Instrument :
 BNA_E
 ClientSampleId :
 PB117620BL

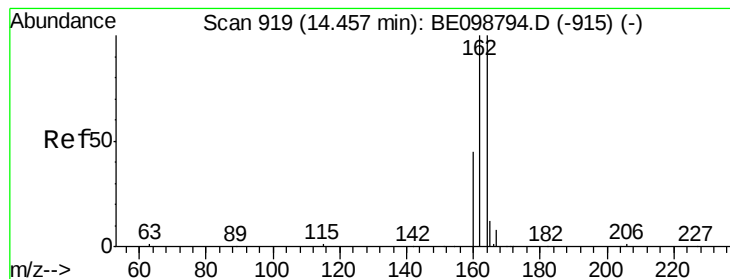
Tot Ion	Ratio	Lower	Upper
82	100		
128	200.0	123.8	185.8#
54	296.1	203.4	305.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.324 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE098815.D
 Acq: 7 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.5	24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.01 min

Lab File: BE098815.D

Acq: 7 Mar 2019 11:57

Instrument :

BNA_E

ClientSampleId :

PB117620BL

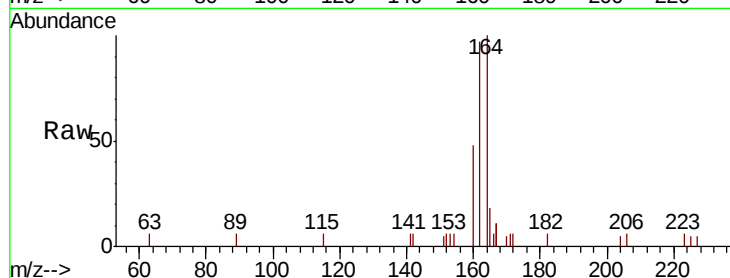
Tot Ion:164 Resp: 1937

Ion Ratio Lower Upper

164 100

162 97.4 80.2 120.2

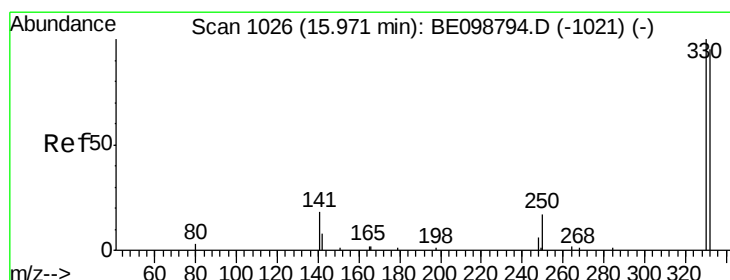
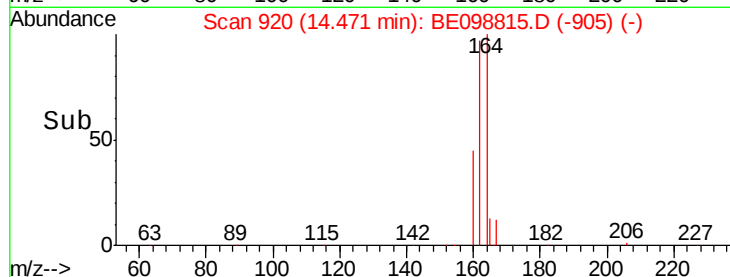
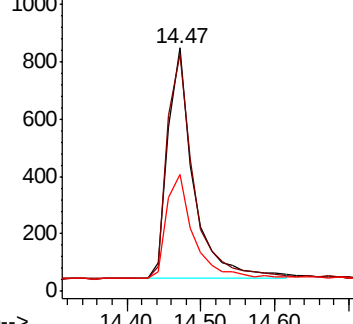
160 48.1 37.8 56.8



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: 0.215 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE098815.D

Acq: 7 Mar 2019 11:57

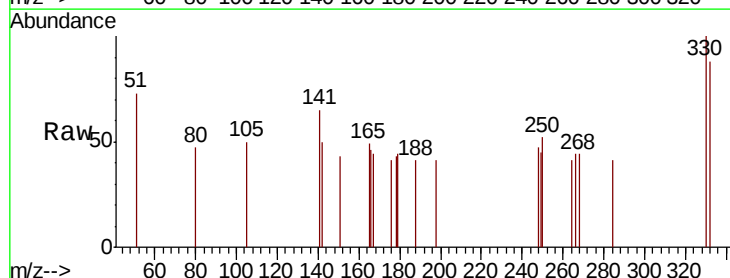
Tgt Ion:330 Resp: 210

Ion Ratio Lower Upper

330 100

332 111.9 77.6 116.4

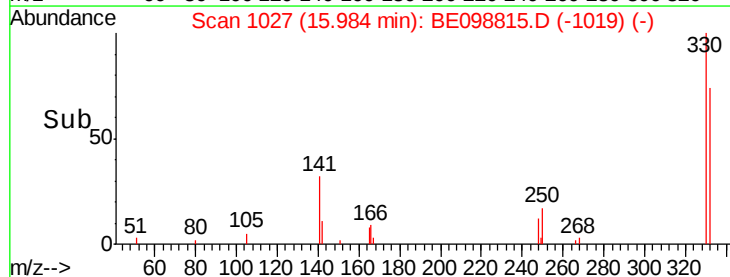
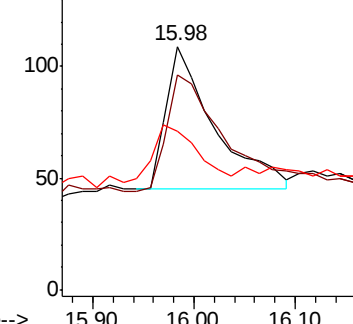
141 37.6 31.0 46.4

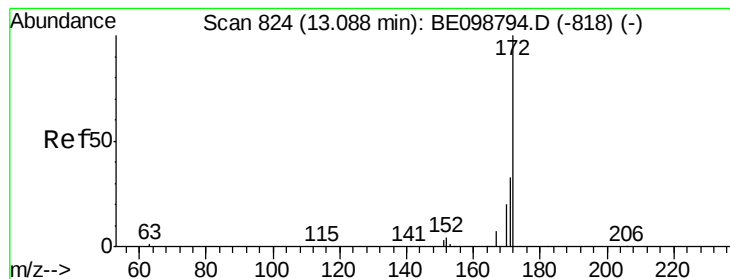


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

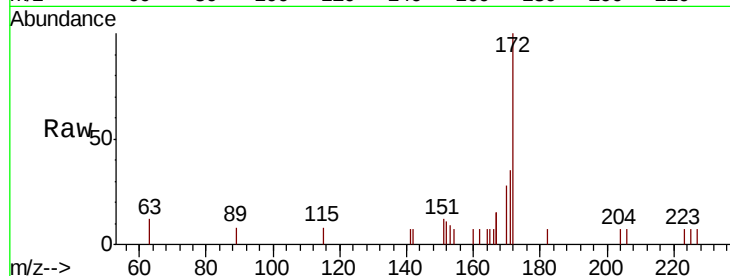




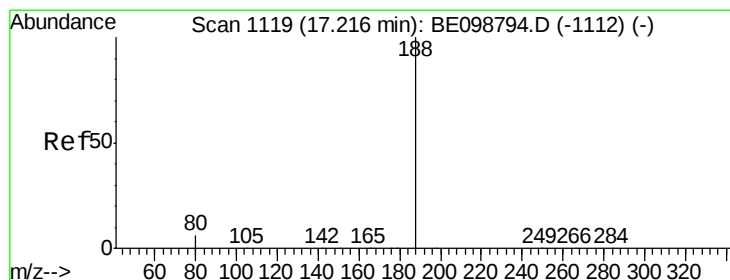
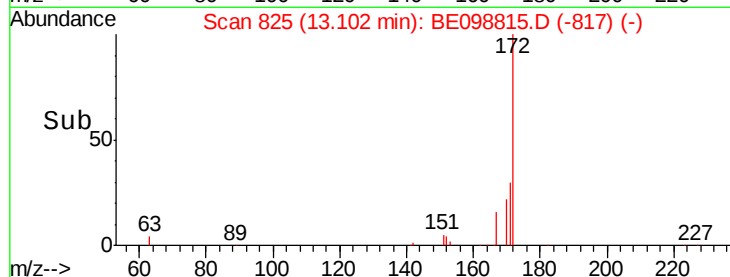
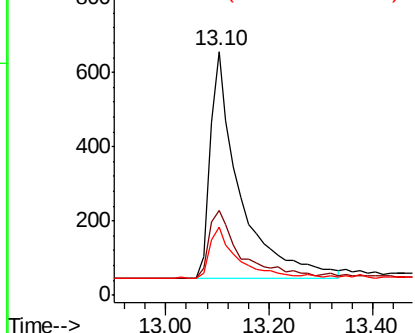
#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.01 min
Lab File: BE098815.D
Acq: 7 Mar 2019 11:57

Instrument :
BNA_E
ClientSampleId :
PB117620BL

Tot Ion:172 Resp: 2458
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 27.7 17.7 26.5#

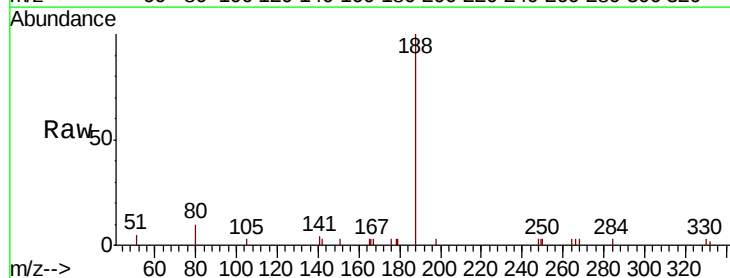


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

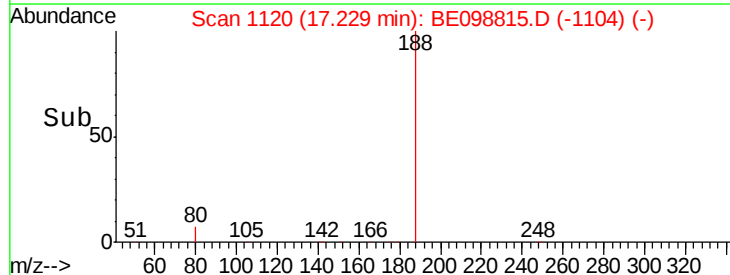
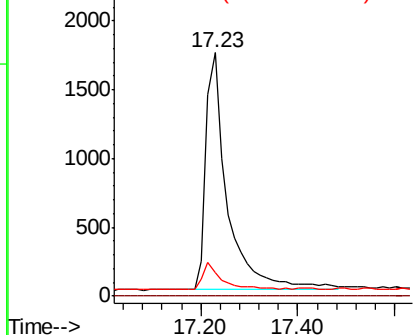


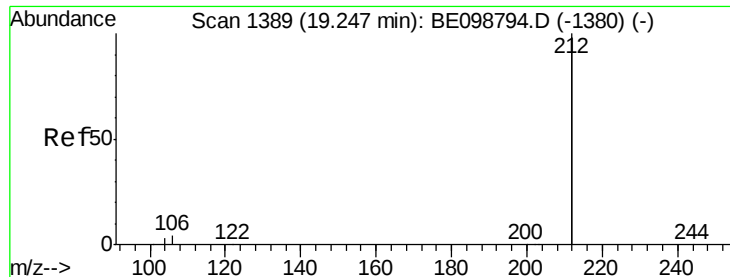
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE098815.D
Acq: 7 Mar 2019 11:57

Tgt Ion:188 Resp: 5246
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 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





#25

Fluoranthene-d10

Concen: 0.337 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BE098815.D

Acq: 7 Mar 2019 11:57

Instrument :

BNA_E

ClientSampleId :

PB117620BL

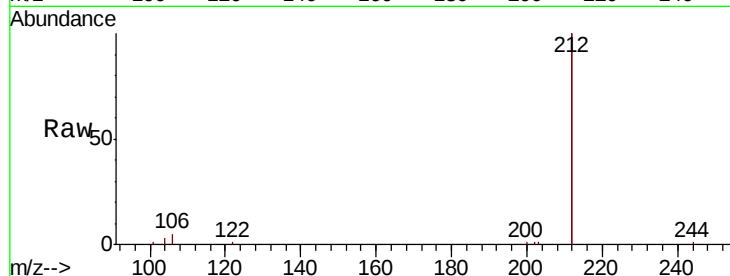
Tot Ion:212 Resp: 28229

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

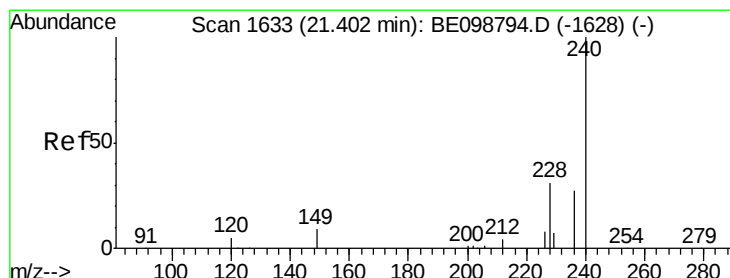
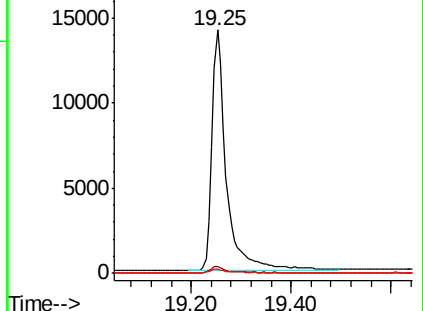
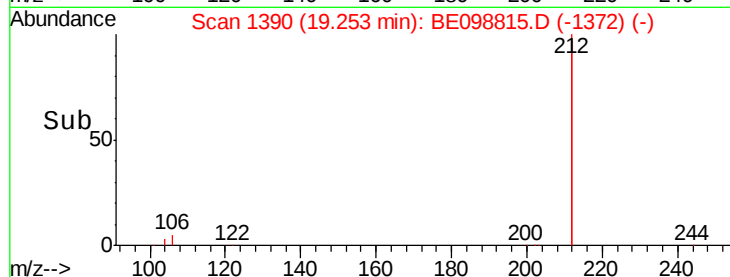
104 1.3 1.0 1.6



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE098815.D

Acq: 7 Mar 2019 11:57

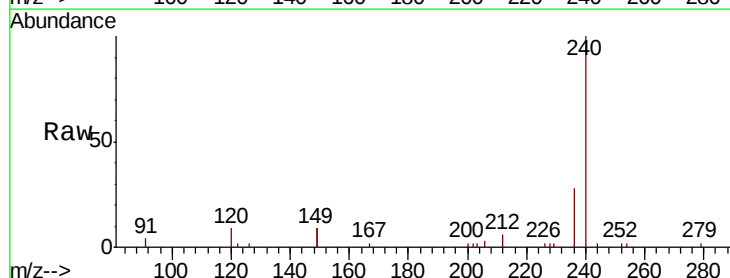
Tgt Ion:240 Resp: 7024

Ion Ratio Lower Upper

240 100

120 9.3 5.0 7.4#

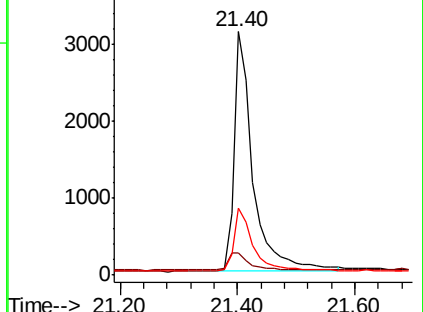
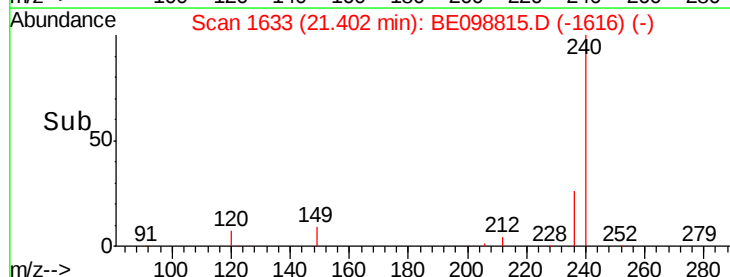
236 27.6 22.7 34.1

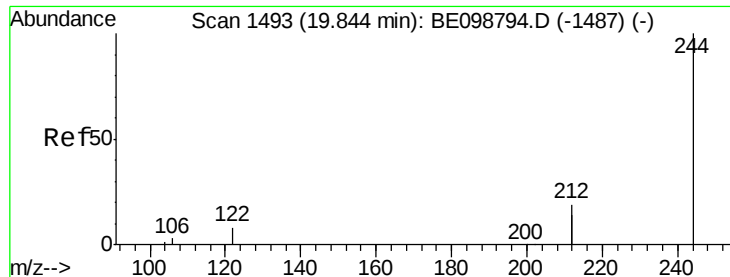


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.333 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BE098815.D

Acq: 7 Mar 2019 11:57

Instrument :

BNA_E

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PB117620BL

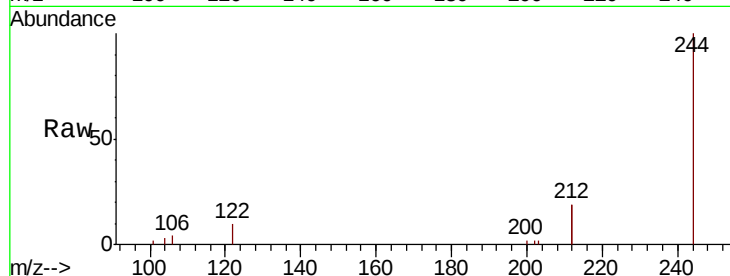
Tot Ion:244 Resp: 5683

Ion Ratio Lower Upper

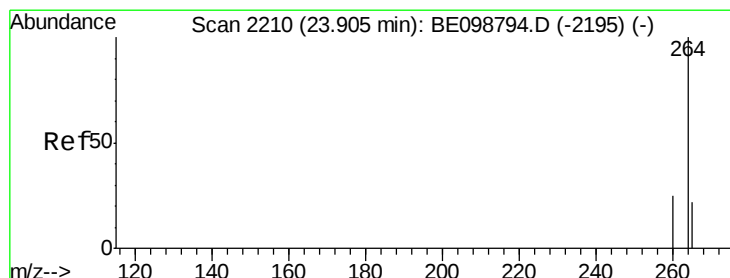
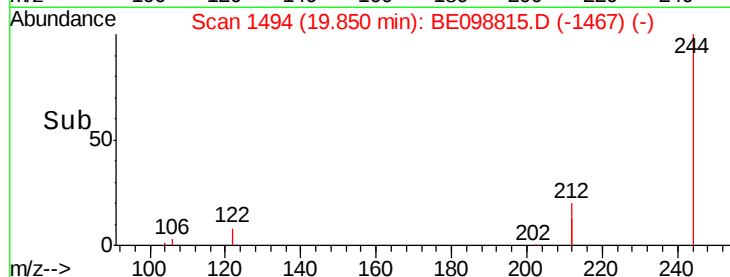
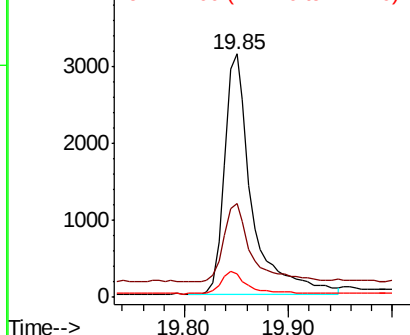
244 100

212 38.8 29.4 44.2

122 9.6 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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BE098815.D

Acq: 7 Mar 2019 11:57

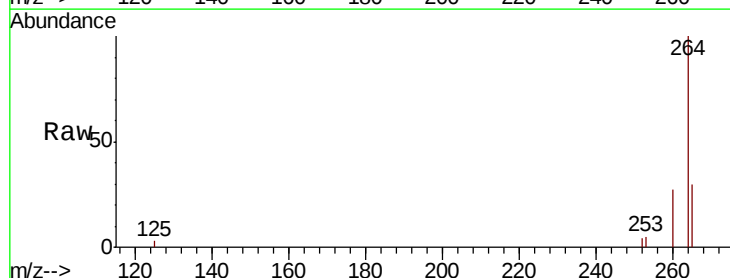
Tgt Ion:264 Resp: 6822

Ion Ratio Lower Upper

264 100

260 26.8 21.2 31.8

265 30.3 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

