

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE020719\
 Data File : BE098722.D
 Acq On : 7 Feb 2019 12:27
 Operator : JU/SJ
 Sample : K1380-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-190204

Quant Time: Feb 07 13:00:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 24 14:44:44 2019
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

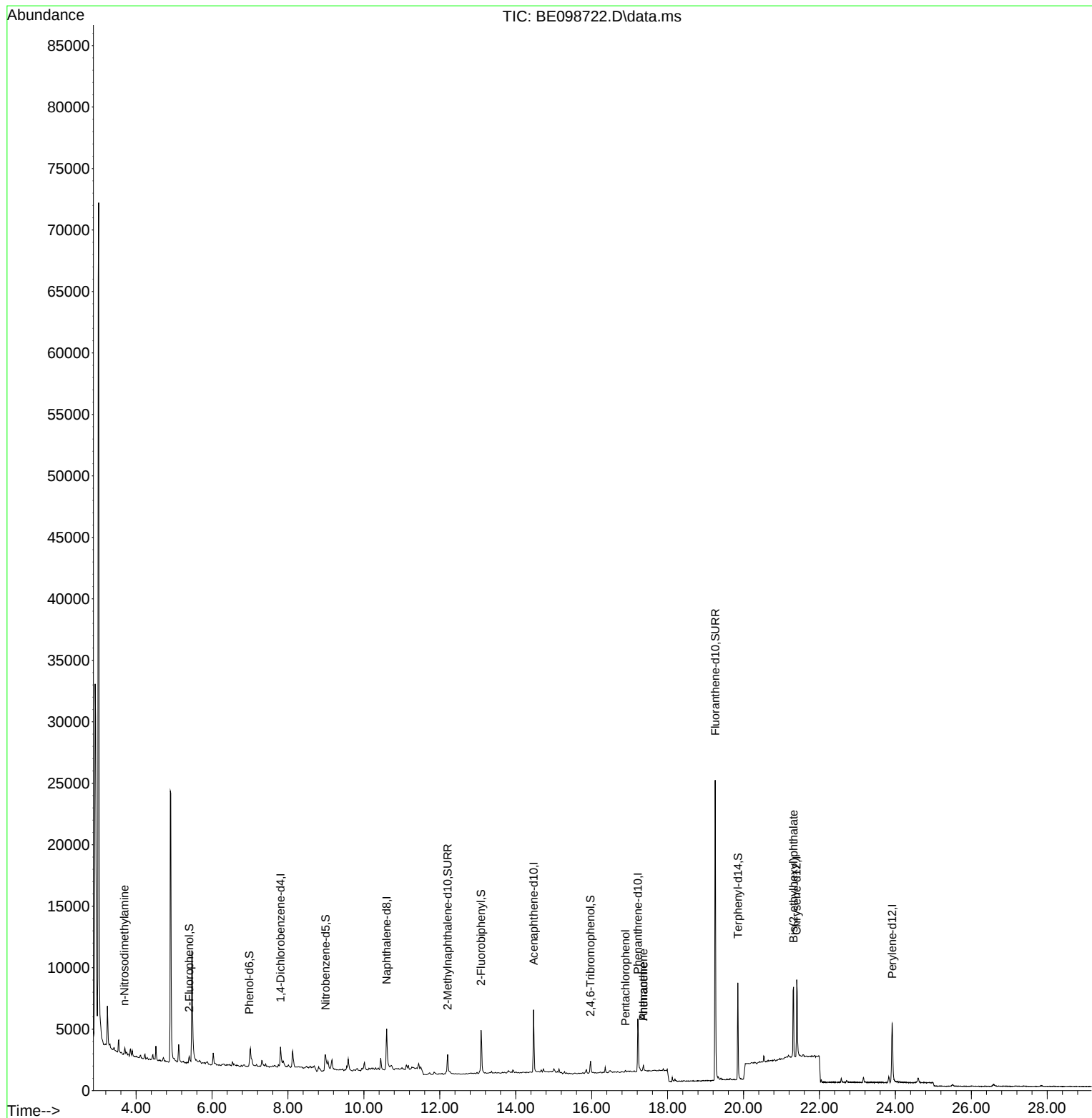
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	961	0.40	ng	0.00
7) Naphthalene-d8	10.601	136	4330	0.40	ng	# 0.00
13) Acenaphthene-d10	14.470	164	3026	0.40	ng	0.00
19) Phenanthrene-d10	17.215	188	7227	0.40	ng	#-0.01
27) Chrysene-d12	21.402	240	7913	0.40	ng	#-0.01
34) Perylene-d12	23.916	264	7821	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.398	112	462	0.16	ng	0.00
5) Phenol-d6	6.987	99	361	0.09	ng	-0.01
8) Nitrobenzene-d5	8.990	82	1132	0.29	ng	0.01
11) 2-Methylnaphthalene-d10	12.209	152	2693	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.970	330	548	0.41	ng	-0.01
15) 2-Fluorobiphenyl	13.087	172	4192	0.32	ng	-0.02
25) Fluoranthene-d10	19.254	212	33902	0.33	ng	0.00
29) Terphenyl-d14	19.851	244	7466	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.313	88	154	Below Cal	#	1
3) n-Nitrosodimethylamine	3.693	42	109	0.10	ng	# 38
22) Pentachlorophenol	16.894	266	127	0.10	ng	85
23) Phenanthrene	17.362	178	720	0.04	ng	98
24) Anthracene	17.362	178	708	0.10	ng	97
32) Bis(2-ethylhexyl)phtha...	21.317	149	8556	0.19	ng	100

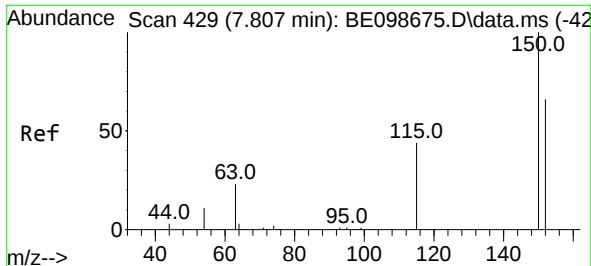
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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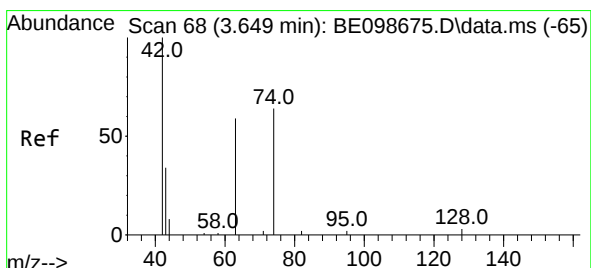
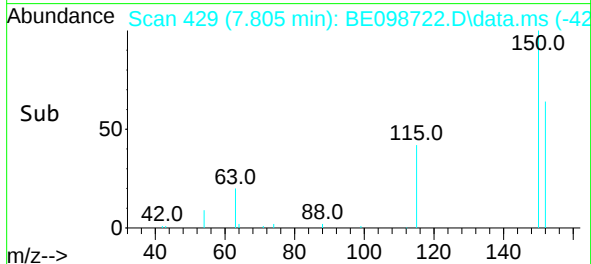
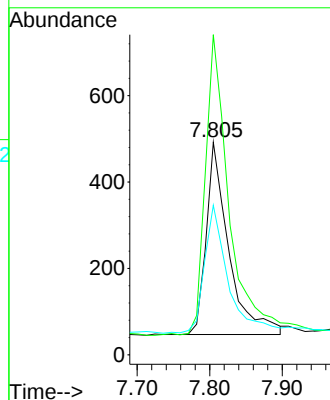
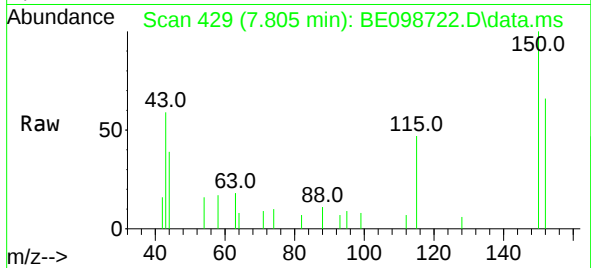


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.805 min Scan# 429
 Delta R.T. -0.002 min
 Lab File: BE098722.D
 Acq: 7 Feb 2019 12:27

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-190204

Tgt Ion: 152 Resp: 961

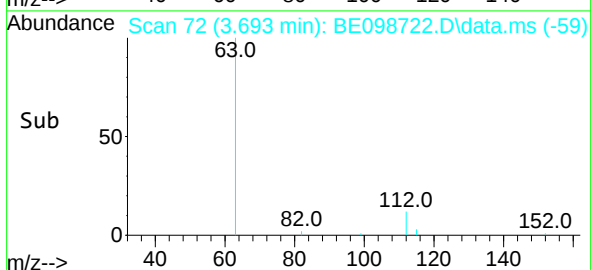
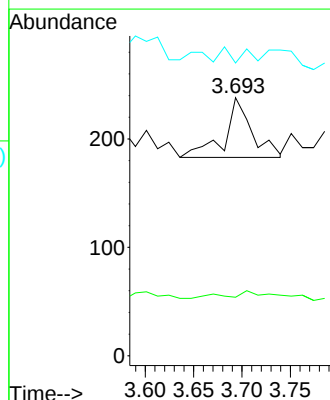
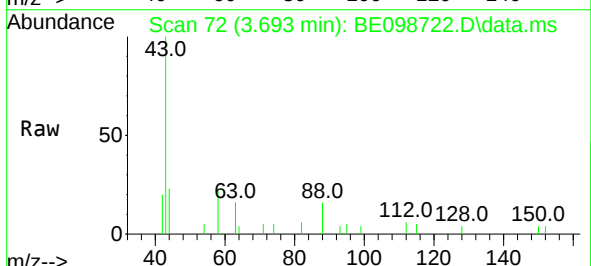
Ion	Ratio	Lower	Upper
152	100		
150	150.6	121.4	182.2
115	70.3	59.1	88.7

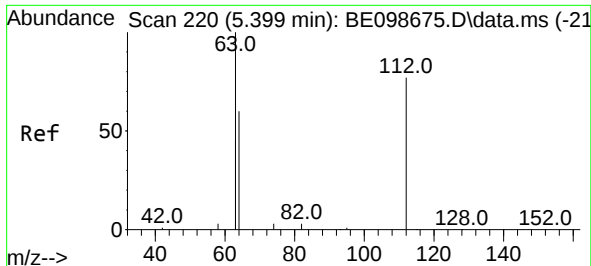


#3
 n-Nitrosodimethylamine
 Concen: 0.10 ng
 RT: 3.693 min Scan# 72
 Delta R.T. 0.044 min
 Lab File: BE098722.D
 Acq: 7 Feb 2019 12:27

Tgt Ion: 42 Resp: 109

Ion	Ratio	Lower	Upper
42	100		
74	21.1	58.9	88.3
44	0.0	0.0	0.0

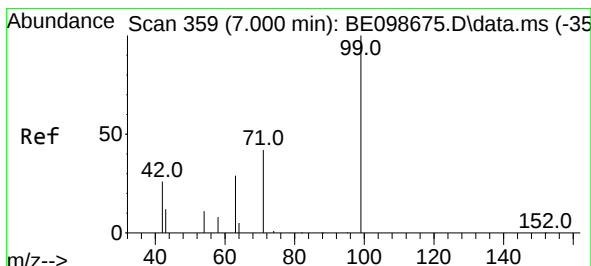
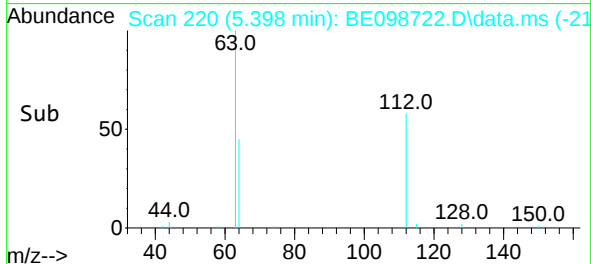
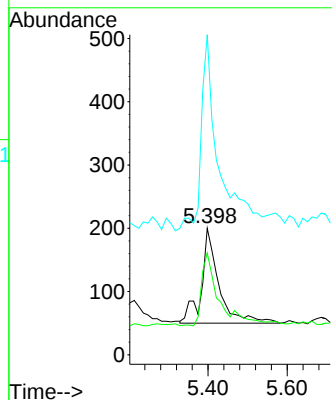
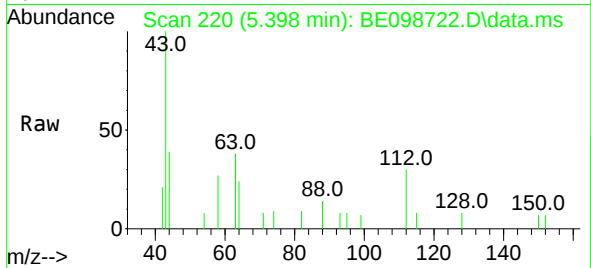




#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.398 min Scan# 220
Delta R.T. -0.001 min
Lab File: BE098722.D
Acq: 7 Feb 2019 12:27

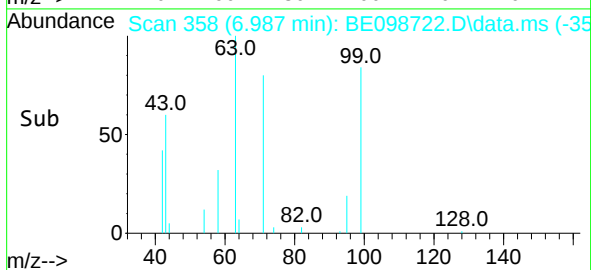
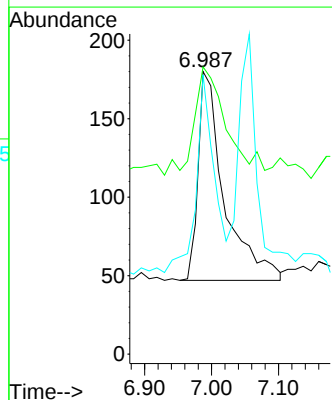
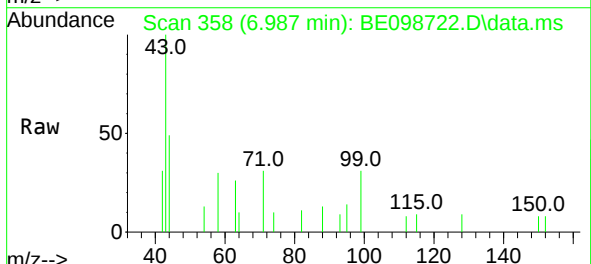
Instrument :
BNA_E
ClientSampleId :
KY038PS027-190204

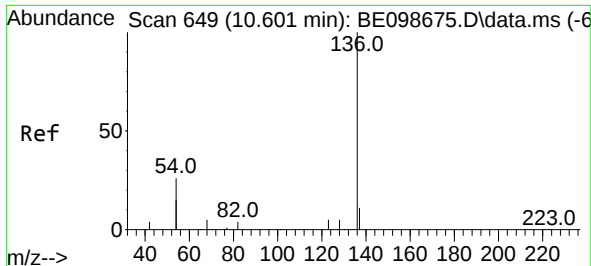
Tgt Ion:112 Resp: 462
Ion Ratio Lower Upper
112 100
64 60.4 62.9 94.3#
63 208.9 152.2 228.4



#5
Phenol-d6
Concen: 0.09 ng
RT: 6.987 min Scan# 358
Delta R.T. -0.013 min
Lab File: BE098722.D
Acq: 7 Feb 2019 12:27

Tgt Ion: 99 Resp: 361
Ion Ratio Lower Upper
99 100
42 65.7 24.6 37.0#
71 65.4 35.1 52.7#

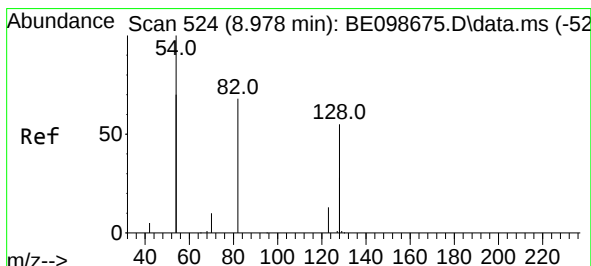
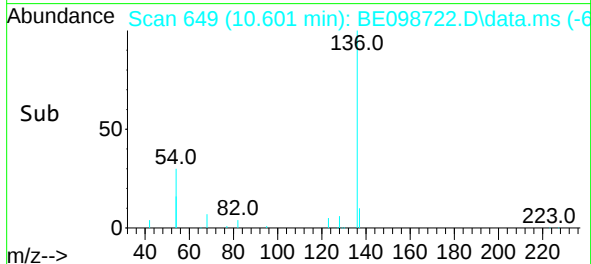
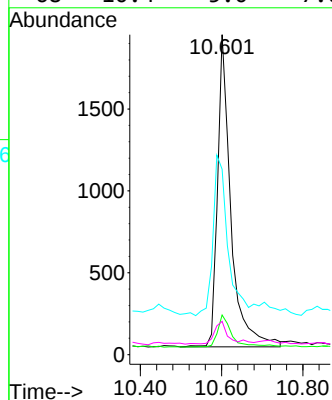
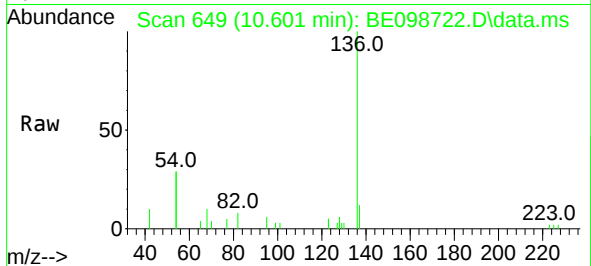




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.601 min Scan# 649
Delta R.T. 0.000 min
Lab File: BE098722.D
Acq: 7 Feb 2019 12:27

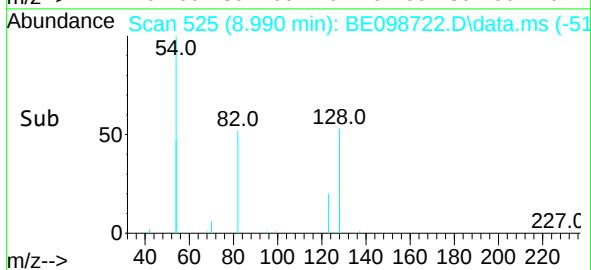
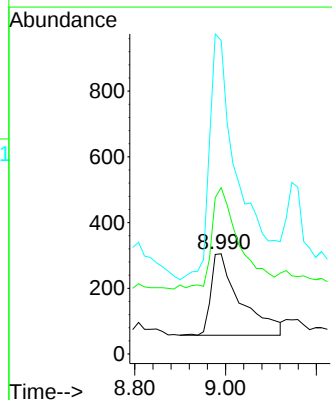
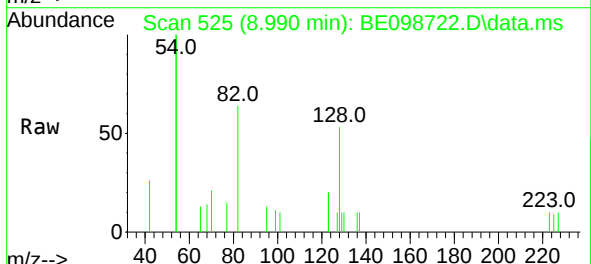
Instrument :
BNA_E
ClientSampleId :
KY038PS027-190204

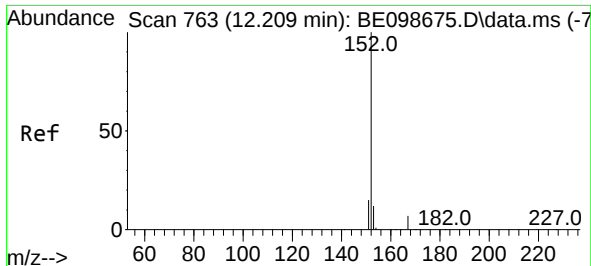
Tgt Ion:	136	Resp:	4330
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.7	14.5
54	57.9	35.5	53.3#
68	10.4	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.990 min Scan# 525
Delta R.T. 0.012 min
Lab File: BE098722.D
Acq: 7 Feb 2019 12:27

Tgt Ion:	82	Resp:	1132
Ion	Ratio	Lower	Upper
82	100		
128	165.9	96.5	144.7#
54	312.8	224.7	337.1

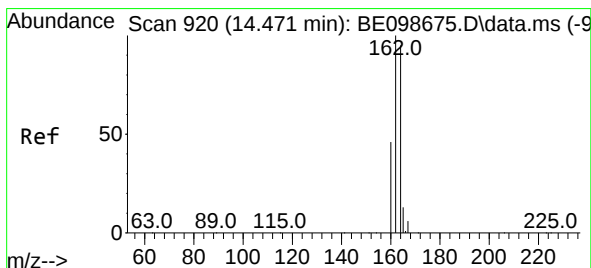
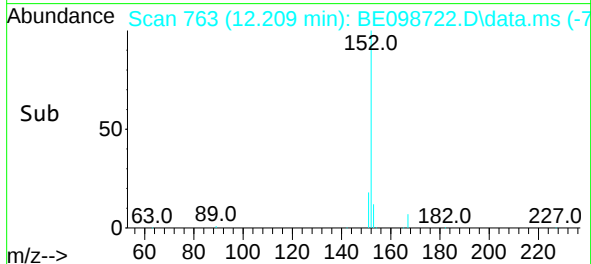
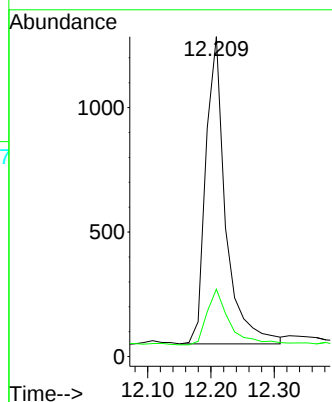
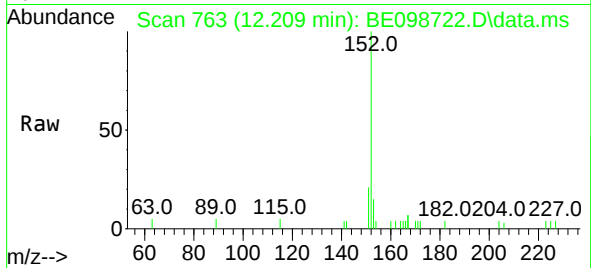




#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.209 min Scan# 763
Delta R.T. -0.000 min
Lab File: BE098722.D
Acq: 7 Feb 2019 12:27

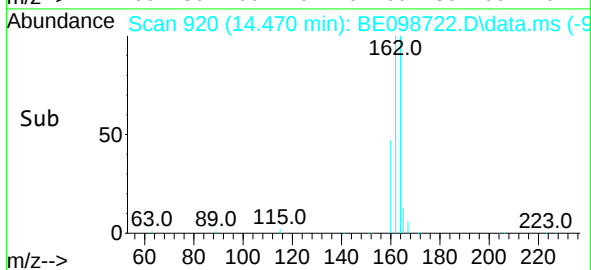
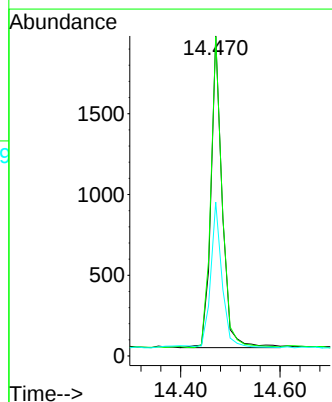
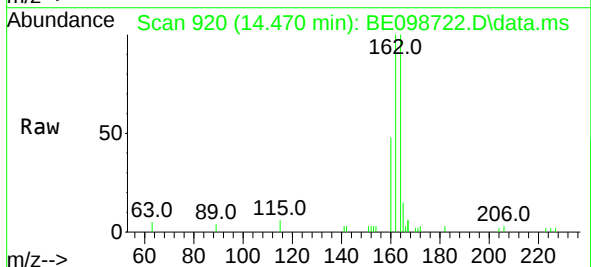
Instrument :
BNA_E
ClientSampleId :
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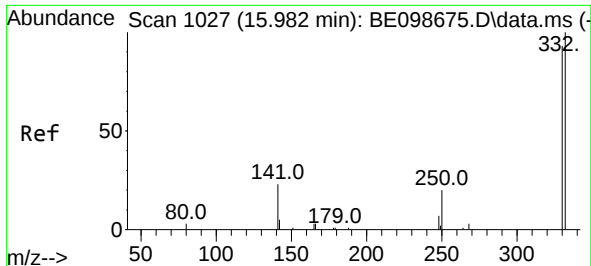
Tgt Ion:152 Resp: 2693
Ion Ratio Lower Upper
152 100
151 21.4 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.470 min Scan# 920
Delta R.T. -0.001 min
Lab File: BE098722.D
Acq: 7 Feb 2019 12:27

Tgt Ion:164 Resp: 3026
Ion Ratio Lower Upper
164 100
162 99.8 80.5 120.7
160 48.1 40.1 60.1

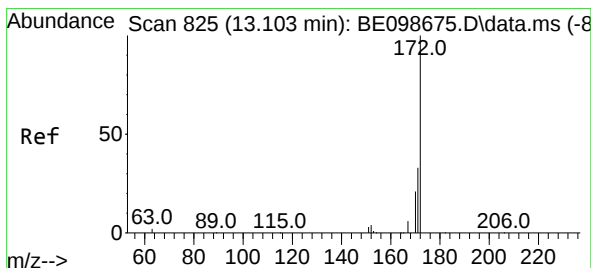
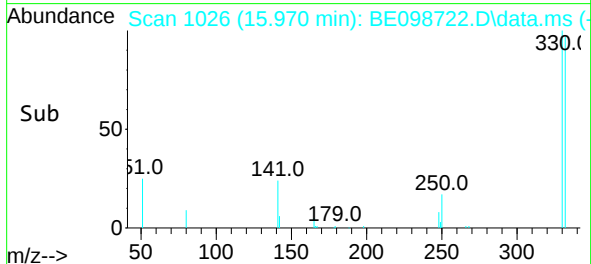
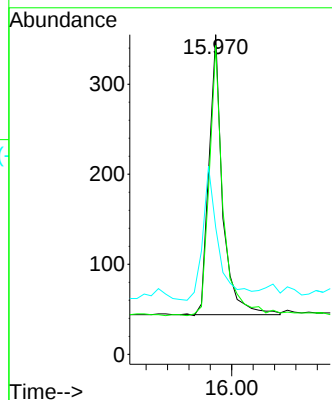
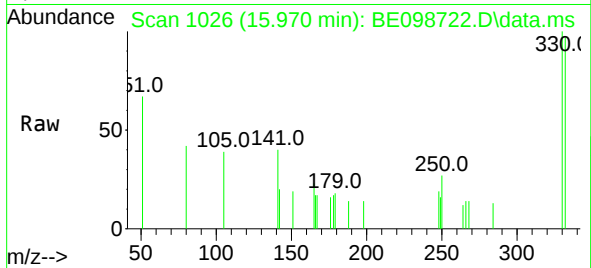




#14
2,4,6-Tribromophenol
Concen: 0.41 ng
RT: 15.970 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BE098722.D
Acq: 7 Feb 2019 12:27

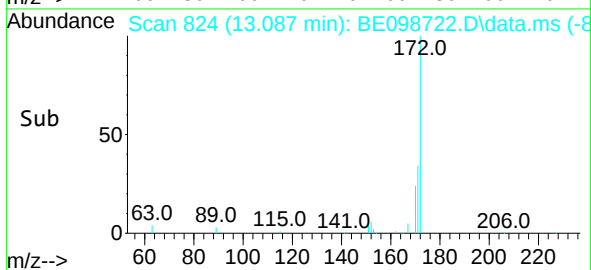
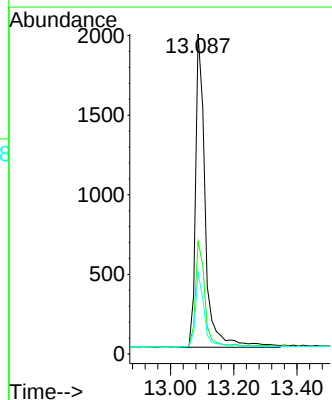
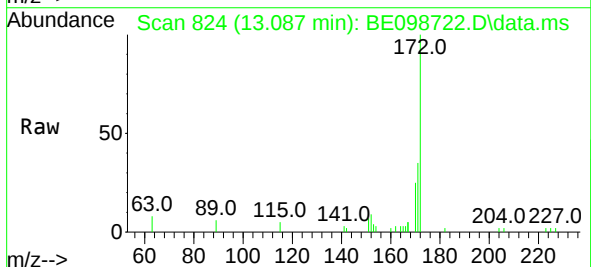
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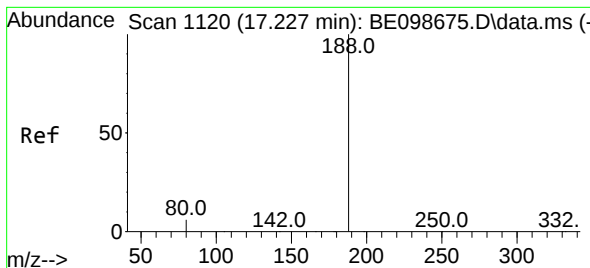
Tgt Ion:330 Resp: 548
Ion Ratio Lower Upper
330 100
332 102.4 73.3 109.9
141 55.5 33.1 49.7#



#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 13.087 min Scan# 824
Delta R.T. -0.016 min
Lab File: BE098722.D
Acq: 7 Feb 2019 12:27

Tgt Ion:172 Resp: 4192
Ion Ratio Lower Upper
172 100
171 35.1 29.0 43.4
170 25.4 20.8 31.2

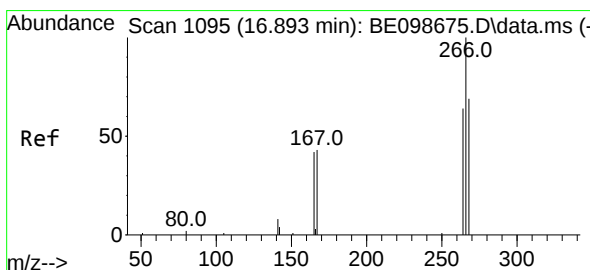
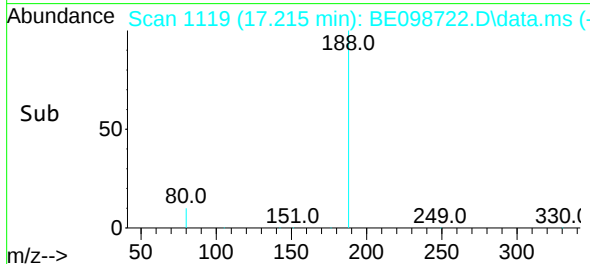
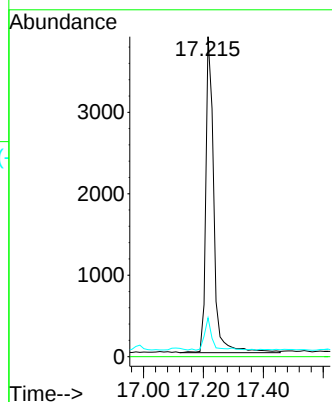
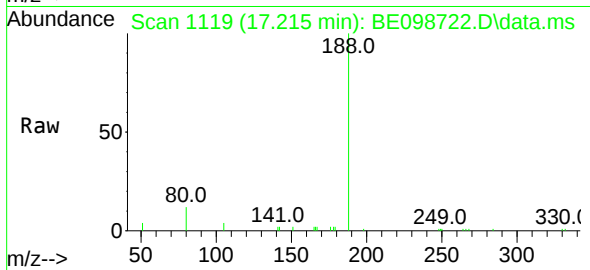




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.215 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BE098722.D
Acq: 7 Feb 2019 12:27

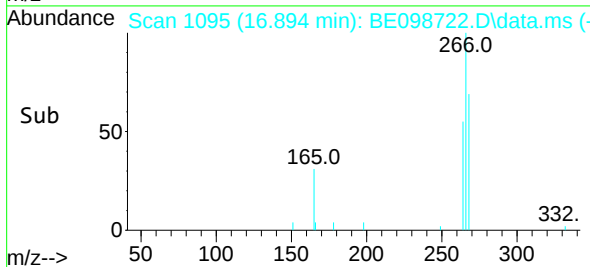
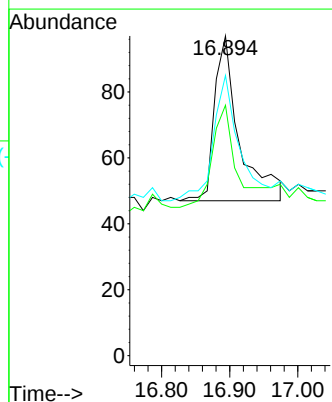
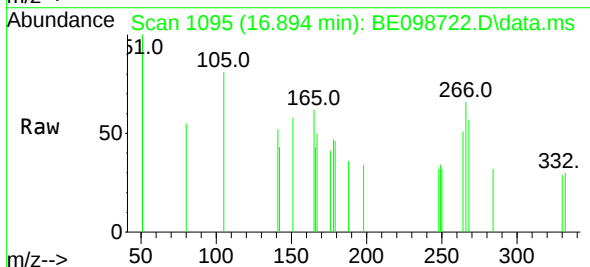
Instrument :
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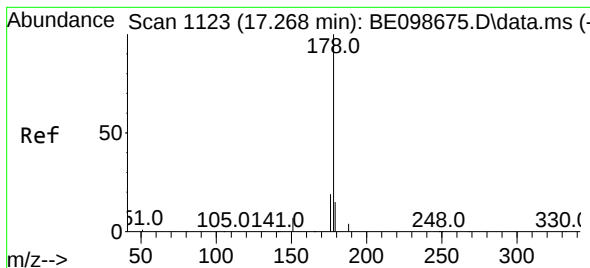
Tgt Ion:188 Resp: 7227
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 4.7 7.1#



#22
Pentachlorophenol
Concen: 0.10 ng
RT: 16.894 min Scan# 1095
Delta R.T. 0.001 min
Lab File: BE098722.D
Acq: 7 Feb 2019 12:27

Tgt Ion:266 Resp: 127
Ion Ratio Lower Upper
266 100
264 78.4 53.7 80.5
268 87.6 59.8 89.8





#23

Phenanthrene

Concen: 0.04 ng

RT: 17.362 min Scan# 1130

Delta R.T. 0.094 min

Lab File: BE098722.D

Acq: 7 Feb 2019 12:27

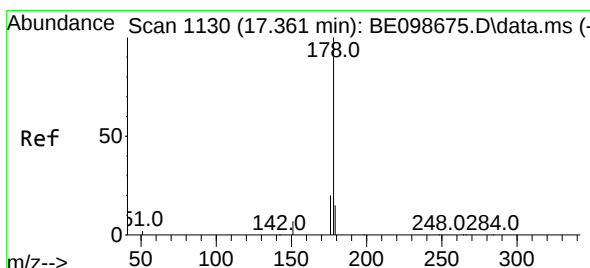
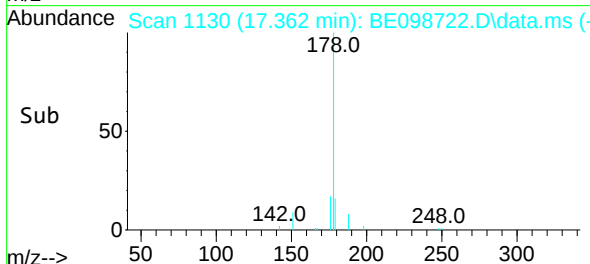
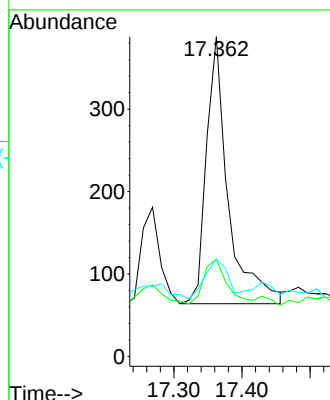
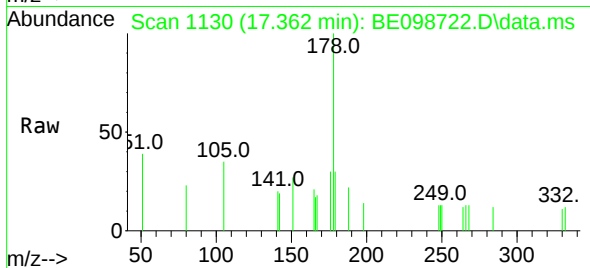
Instrument :

BNA_E

ClientSampleId :

KY038PS027-190204

Tgt Ion:	178	Resp:	720
Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.9	23.9
179	16.1	12.2	18.4



#24

Anthracene

Concen: 0.10 ng

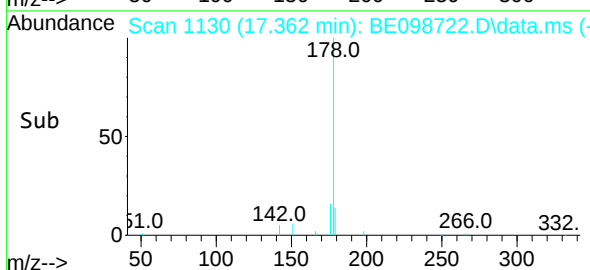
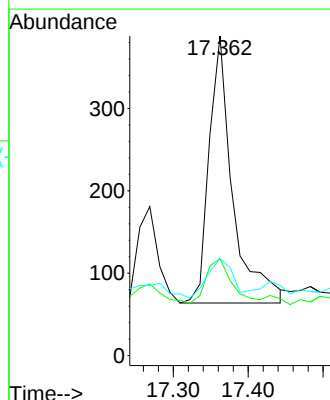
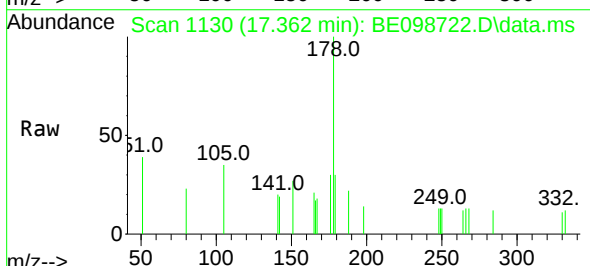
RT: 17.362 min Scan# 1130

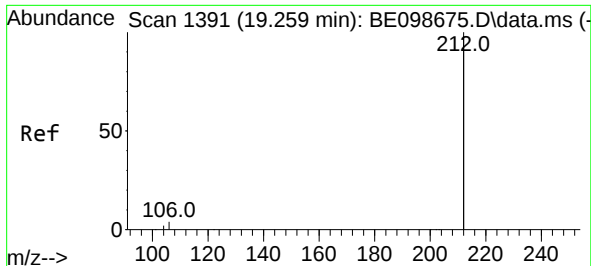
Delta R.T. 0.001 min

Lab File: BE098722.D

Acq: 7 Feb 2019 12:27

Tgt Ion:	178	Resp:	708
Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.9	22.3
179	16.4	11.8	17.8

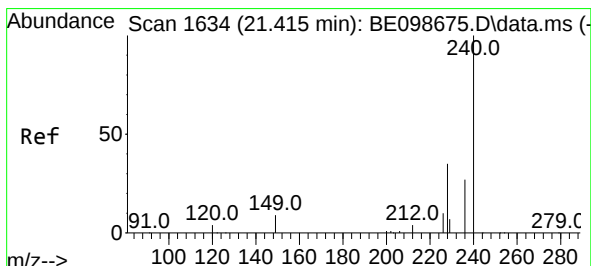
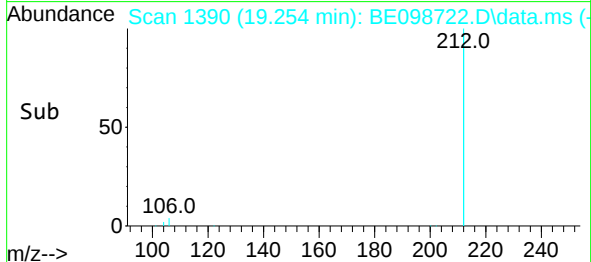
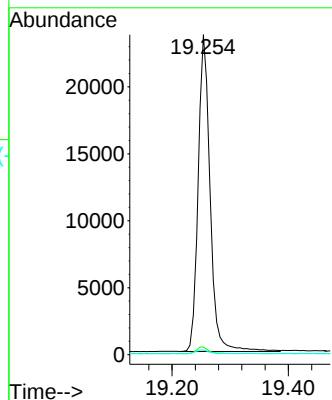
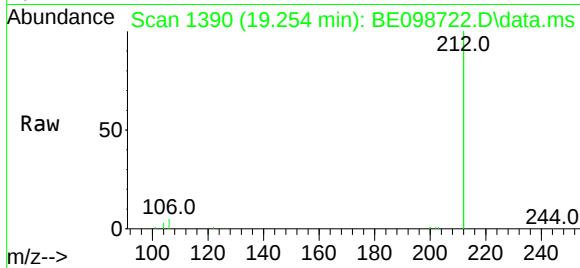




#25
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.254 min Scan# 1390
Delta R.T. -0.005 min
Lab File: BE098722.D
Acq: 7 Feb 2019 12:27

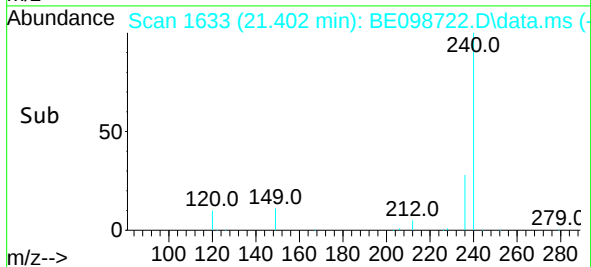
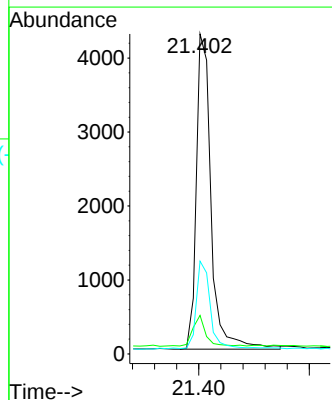
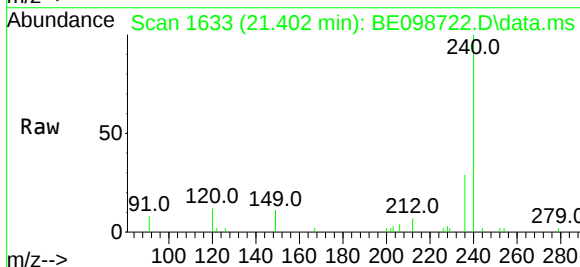
Instrument :
BNA_E
ClientSampleId :
KY038PS027-190204

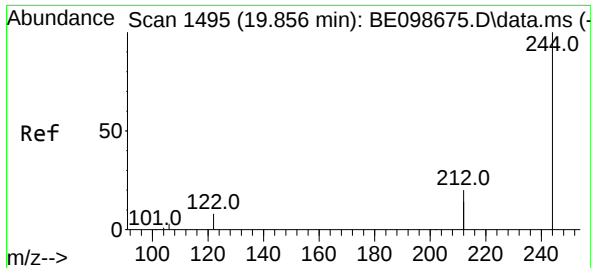
Tgt Ion:212 Resp: 33902
Ion Ratio Lower Upper
212 100
106 2.2 1.7 2.5
104 1.4 1.0 1.6



#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.402 min Scan# 1633
Delta R.T. -0.013 min
Lab File: BE098722.D
Acq: 7 Feb 2019 12:27

Tgt Ion:240 Resp: 7913
Ion Ratio Lower Upper
240 100
120 12.1 4.7 7.1#
236 29.0 21.9 32.9

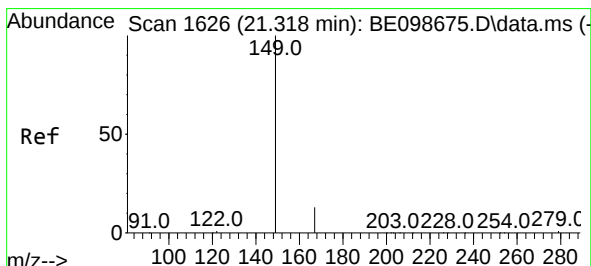
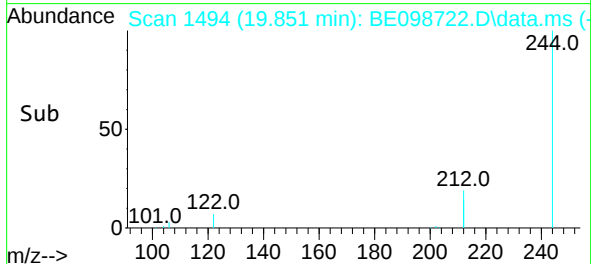
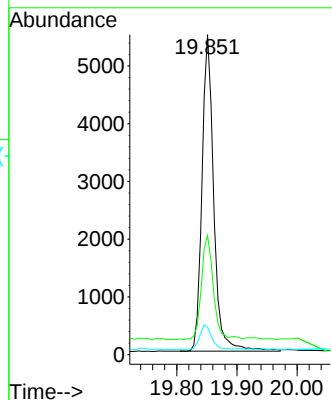
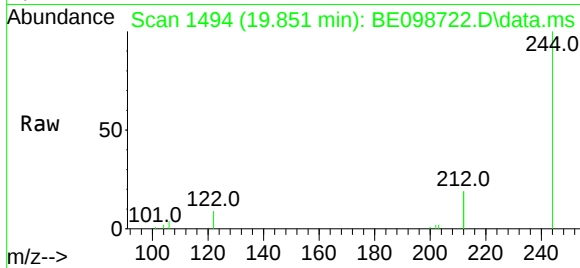




#29
 Terphenyl-d14
 Concen: 0.38 ng
 RT: 19.851 min Scan# 1494
 Delta R.T. -0.005 min
 Lab File: BE098722.D
 Acq: 7 Feb 2019 12:27

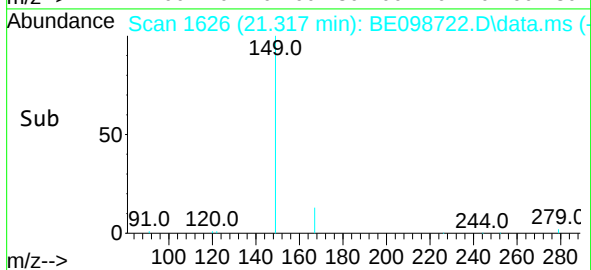
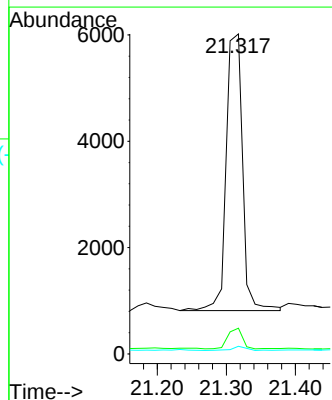
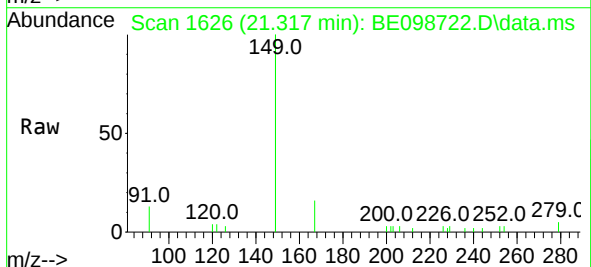
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-190204

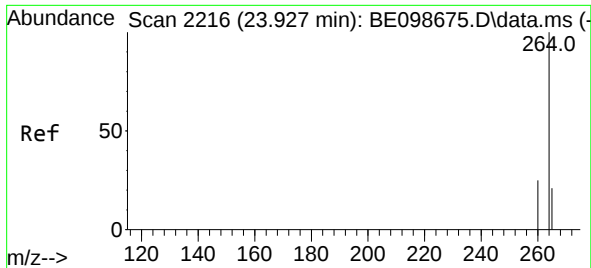
Tgt Ion:244	Resp:	7466
Ion Ratio	Lower	Upper
244	100	
212	37.2	29.4 44.2
122	8.6	7.1 10.7



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.19 ng
 RT: 21.317 min Scan# 1626
 Delta R.T. -0.001 min
 Lab File: BE098722.D
 Acq: 7 Feb 2019 12:27

Tgt Ion:149	Resp:	8556
Ion Ratio	Lower	Upper
149	100	
167	6.8	5.4 8.2
279	1.4	1.0 1.4





#34

Perylene-d12

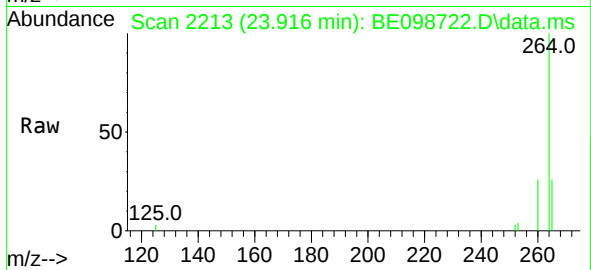
Concen: 0.40 ng

RT: 23.916 min Scan# 2213

Delta R.T. -0.011 min

Lab File: BE098722.D

Acq: 7 Feb 2019 12:27



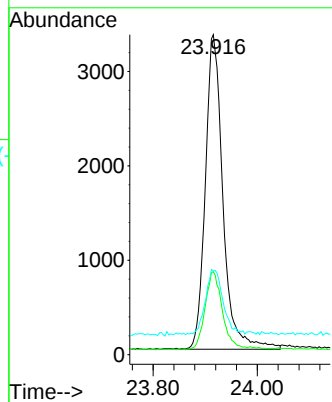
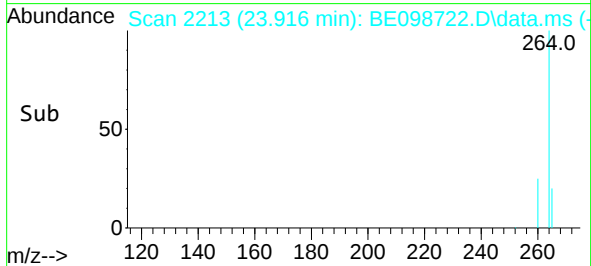
Tgt Ion:264 Resp: 7821

Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

265 26.2 22.3 33.5



Instrument :

BNA_E

ClientSampleId :

KY038PS027-190204