

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE020719\
 Data File : BE098724.D
 Acq On : 7 Feb 2019 13:42
 Operator : JU/SJ
 Sample : K1380-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-190204

Quant Time: Feb 09 06:14:11 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)

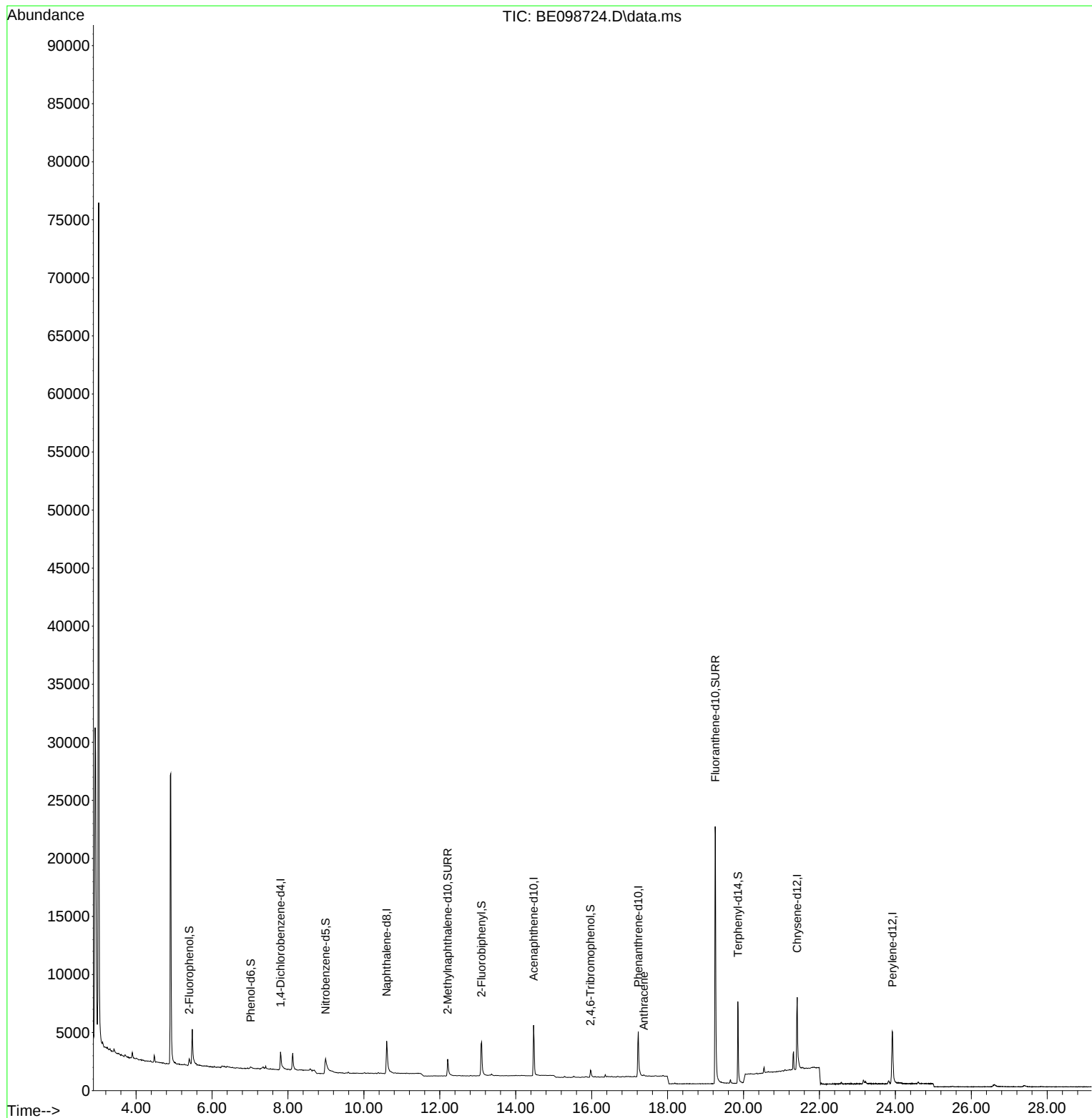
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	983	0.40	ng	0.00
7) Naphthalene-d8	10.601	136	4297	0.40	ng	# 0.00
13) Acenaphthene-d10	14.470	164	2998	0.40	ng	0.00
19) Phenanthrene-d10	17.228	188	7624	0.40	ng	0.00
27) Chrysene-d12	21.414	240	8408	0.40	ng	0.00
34) Perylene-d12	23.919	264	8021	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.398	112	429	0.15	ng	0.00
5) Phenol-d6	7.022	99	323	0.08	ng	0.02
8) Nitrobenzene-d5	8.990	82	1345	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.208	152	2809	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.970	330	492	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.102	172	4215	0.33	ng	0.00
25) Fluoranthene-d10	19.254	212	35786	0.33	ng	0.00
29) Terphenyl-d14	19.851	244	7345	0.35	ng	0.00
Target Compounds						
24) Anthracene	17.375	178	158	0.08	ng	# 78

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

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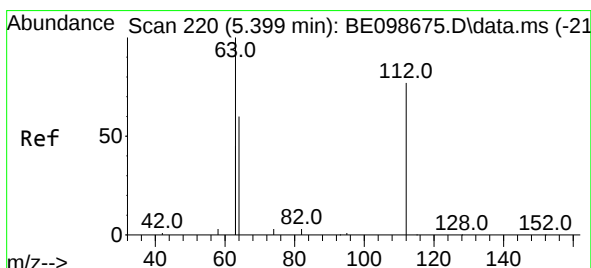
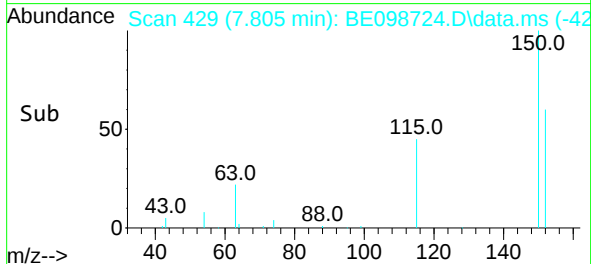
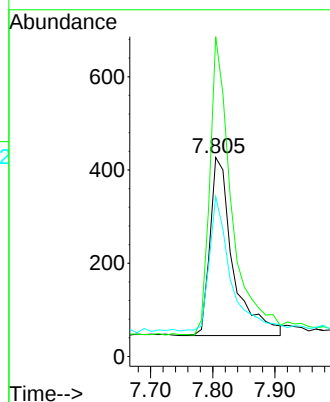
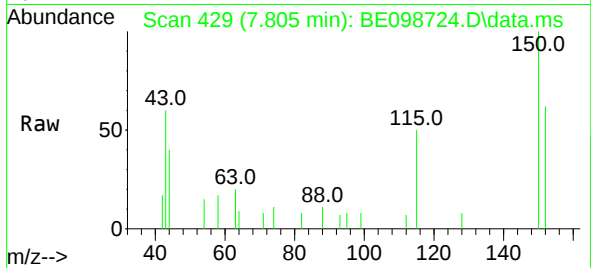




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.805 min Scan# 429
 Delta R.T. -0.002 min
 Lab File: BE098724.D
 Acq: 7 Feb 2019 13:42

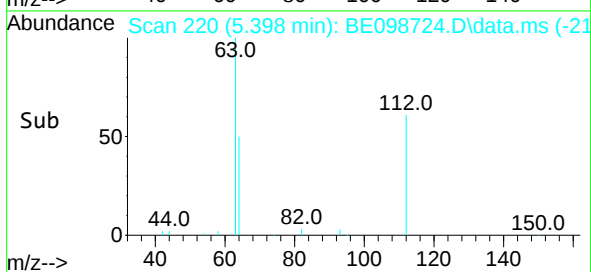
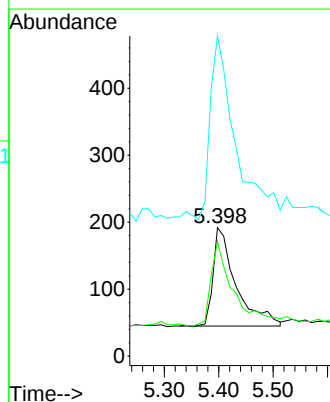
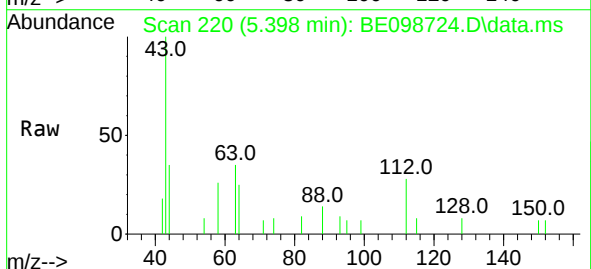
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-190204

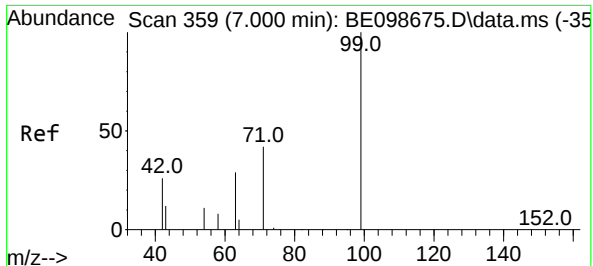
Tgt Ion:152 Resp: 983
 Ion Ratio Lower Upper
 152 100
 150 160.7 121.4 182.2
 115 80.3 59.1 88.7



#4
 2-Fluorophenol
 Concen: 0.15 ng
 RT: 5.398 min Scan# 220
 Delta R.T. -0.001 min
 Lab File: BE098724.D
 Acq: 7 Feb 2019 13:42

Tgt Ion:112 Resp: 429
 Ion Ratio Lower Upper
 112 100
 64 92.3 62.9 94.3
 63 207.5 152.2 228.4

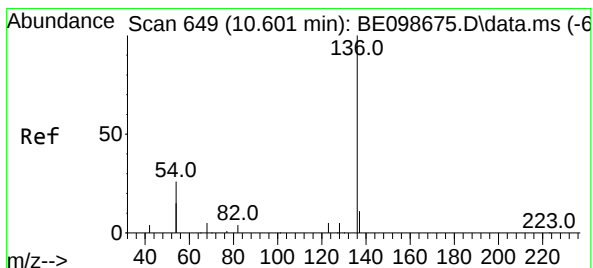
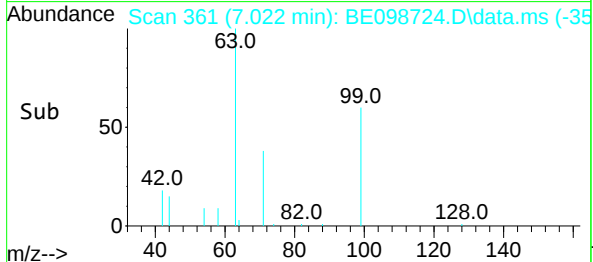
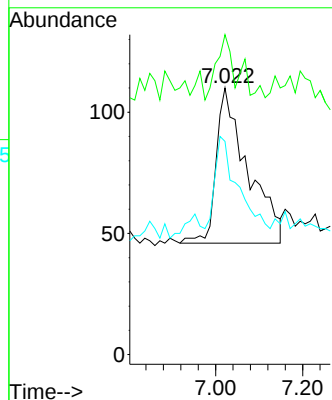
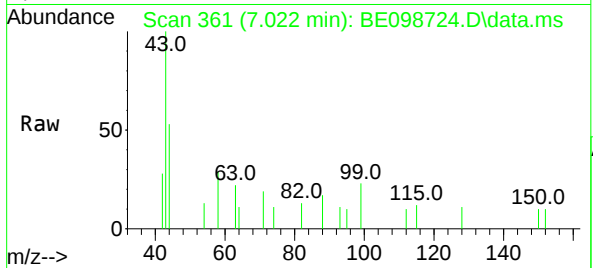




#5
Phenol-d6
Concen: 0.08 ng
RT: 7.022 min Scan# 361
Delta R.T. 0.022 min
Lab File: BE098724.D
Acq: 7 Feb 2019 13:42

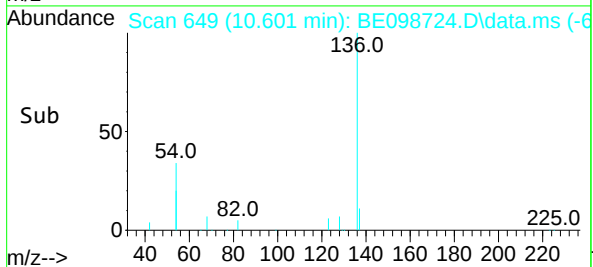
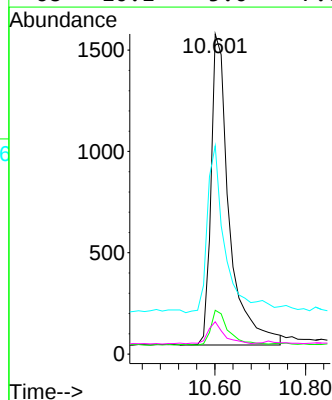
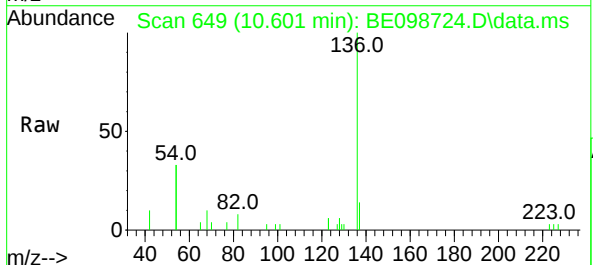
Instrument :
BNA_E
ClientSampleId :
KY038PS036-190204

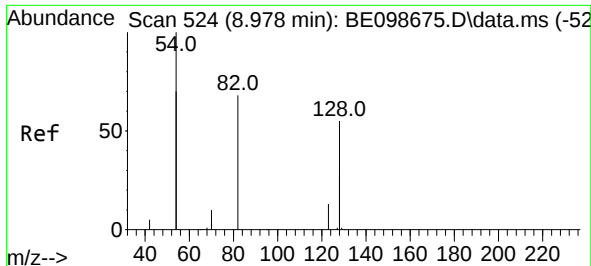
Tgt Ion: 99 Resp: 323
Ion Ratio Lower Upper
99 100
42 26.3 24.6 37.0
71 41.8 35.1 52.7



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.601 min Scan# 649
Delta R.T. -0.000 min
Lab File: BE098724.D
Acq: 7 Feb 2019 13:42

Tgt Ion: 136 Resp: 4297
Ion Ratio Lower Upper
136 100
137 13.7 9.7 14.5
54 65.1 35.5 53.3#
68 10.1 5.0 7.6#

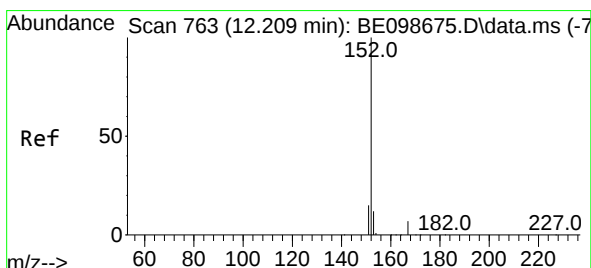
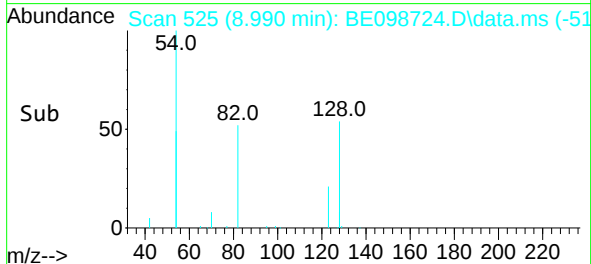
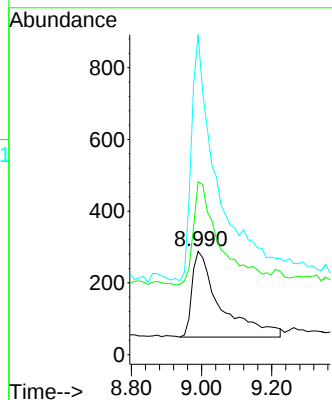
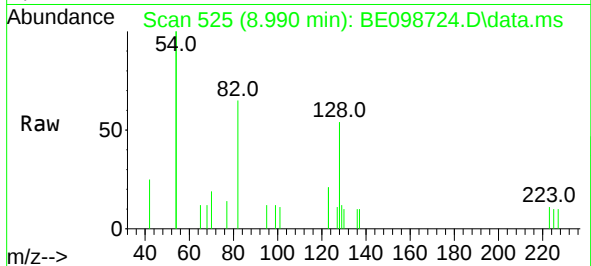




#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.990 min Scan# 525
Delta R.T. 0.012 min
Lab File: BE098724.D
Acq: 7 Feb 2019 13:42

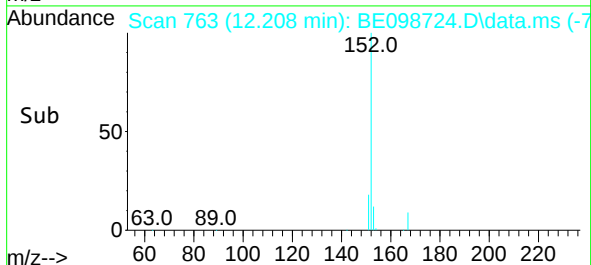
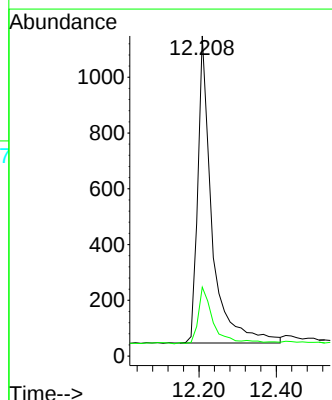
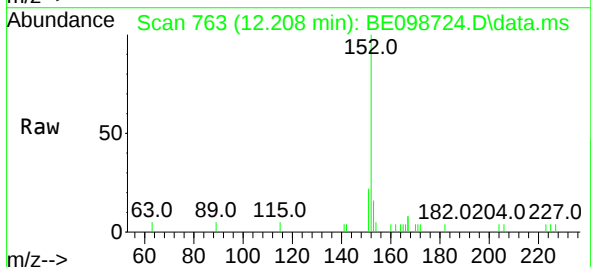
Instrument :
BNA_E
ClientSampleId :
KY038PS036-190204

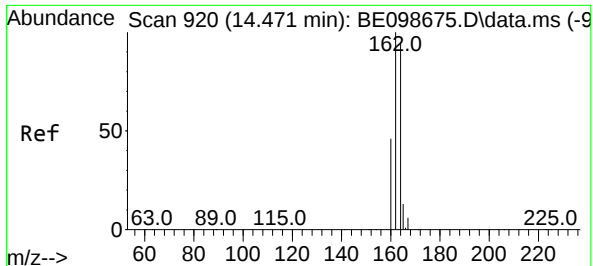
Tgt Ion: 82 Resp: 1345
Ion Ratio Lower Upper
82 100
128 167.4 96.5 144.7#
54 309.7 224.7 337.1



#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.208 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE098724.D
Acq: 7 Feb 2019 13:42

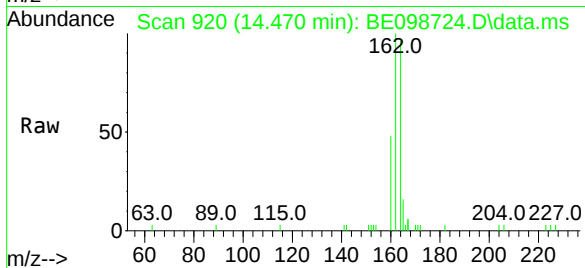
Tgt Ion: 152 Resp: 2809
Ion Ratio Lower Upper
152 100
151 18.7 16.2 24.4



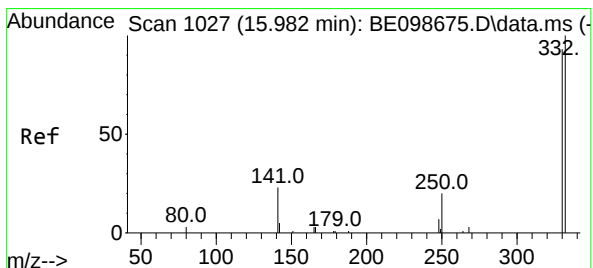
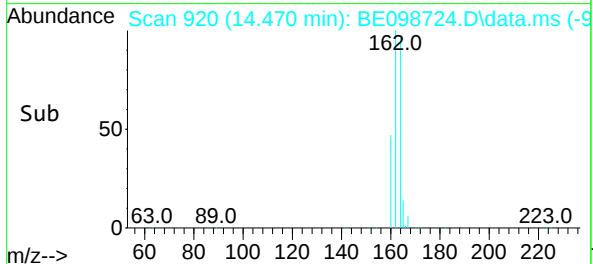
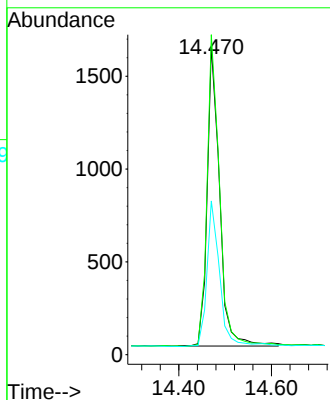


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.470 min Scan# 920
Delta R.T. -0.001 min
Lab File: BE098724.D
Acq: 7 Feb 2019 13:42

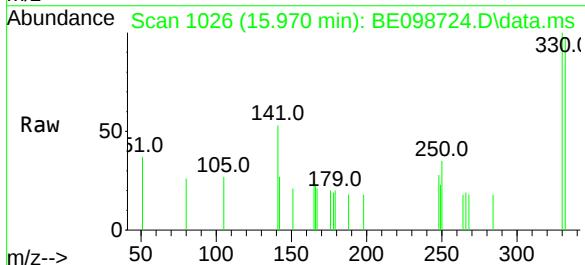
Instrument :
BNA_E
ClientSampleId :
KY038PS036-190204



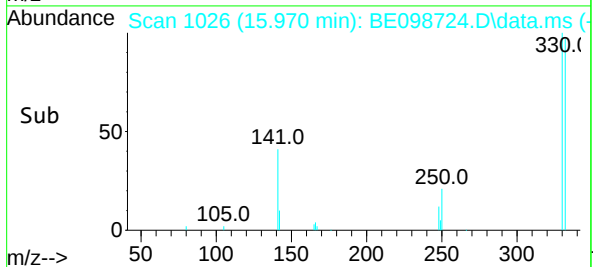
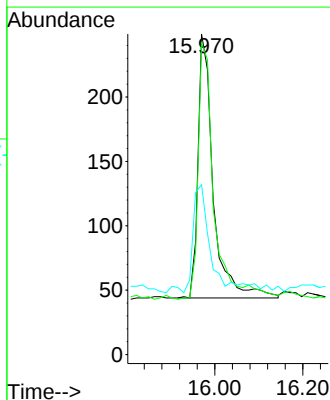
Tgt Ion:164 Resp: 2998
Ion Ratio Lower Upper
164 100
162 104.0 80.5 120.7
160 49.9 40.1 60.1

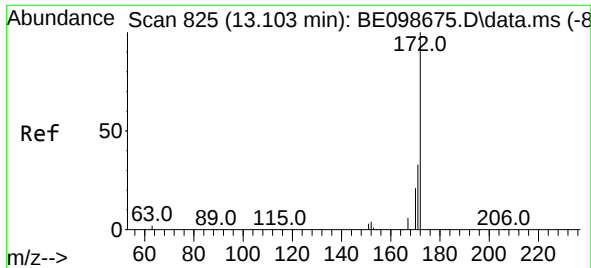


#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.970 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BE098724.D
Acq: 7 Feb 2019 13:42



Tgt Ion:330 Resp: 492
Ion Ratio Lower Upper
330 100
332 102.2 73.3 109.9
141 47.2 33.1 49.7

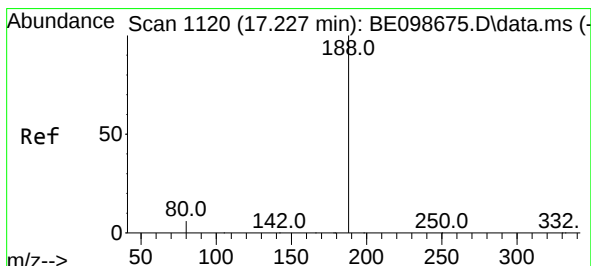
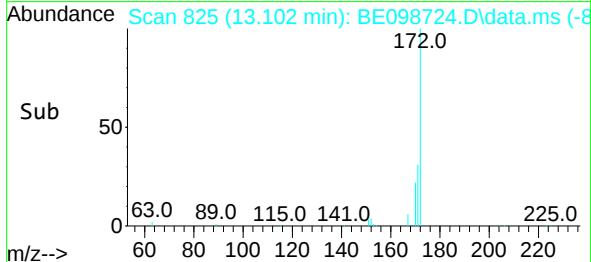
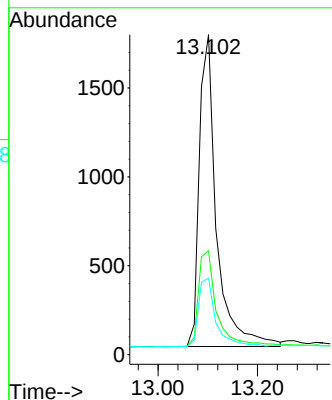
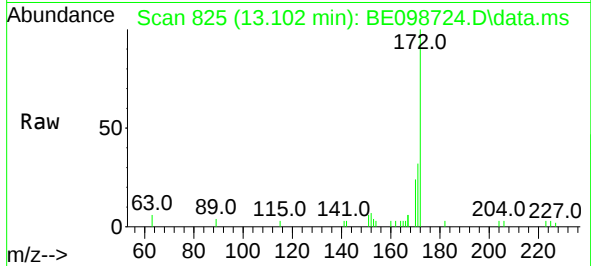




#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 13.102 min Scan# 825
Delta R.T. -0.002 min
Lab File: BE098724.D
Acq: 7 Feb 2019 13:42

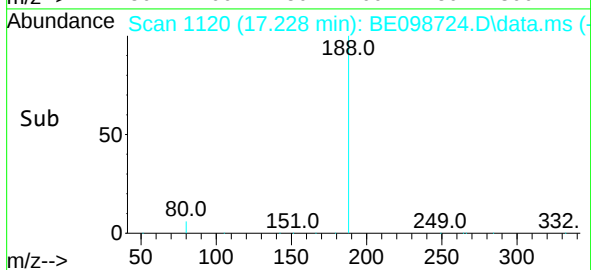
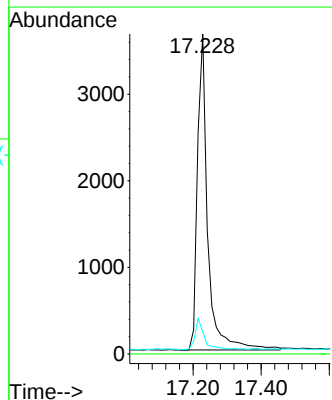
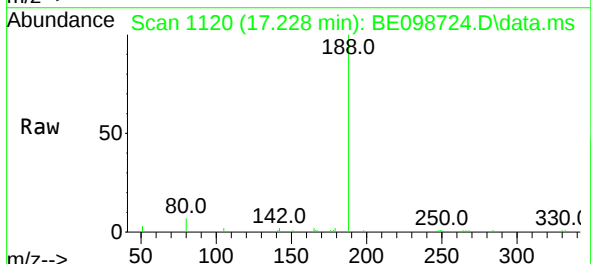
Instrument :
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ClientSampleId :
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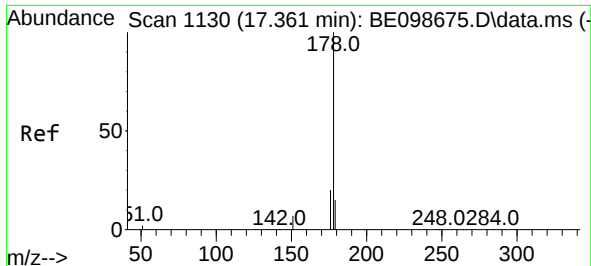
Tgt Ion:	172	Resp:	4215
Ion	Ratio	Lower	Upper
172	100		
171	32.4	29.0	43.4
170	23.9	20.8	31.2



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098724.D
Acq: 7 Feb 2019 13:42

Tgt Ion:	188	Resp:	7624
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	4.7	7.1

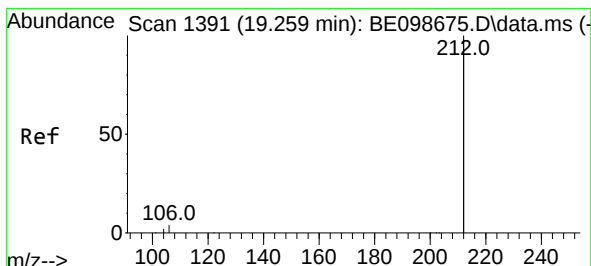
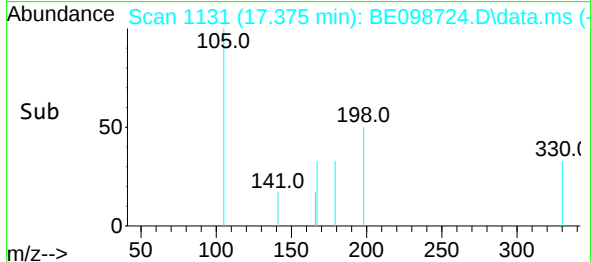
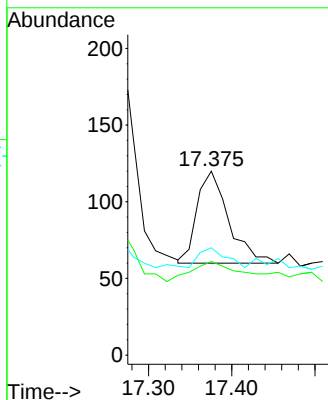
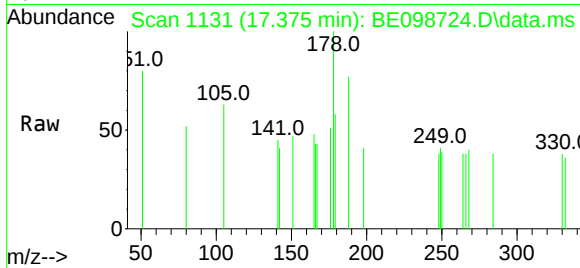




#24
 Anthracene
 Concen: 0.08 ng
 RT: 17.375 min Scan# 1131
 Delta R.T. 0.014 min
 Lab File: BE098724.D
 Acq: 7 Feb 2019 13:42

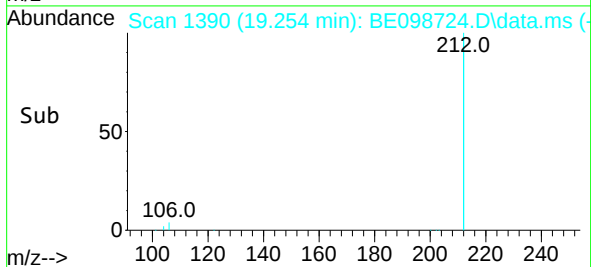
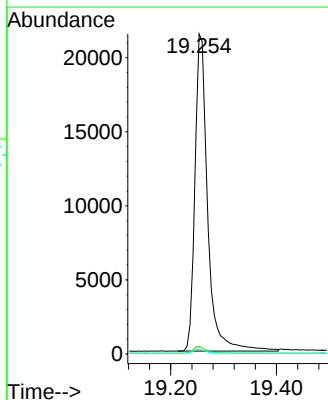
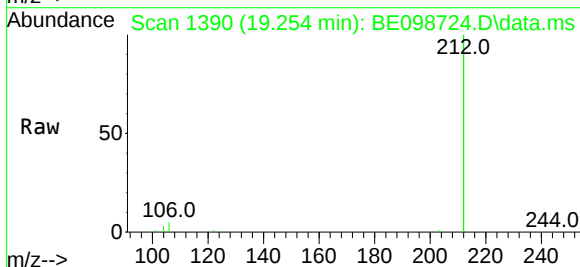
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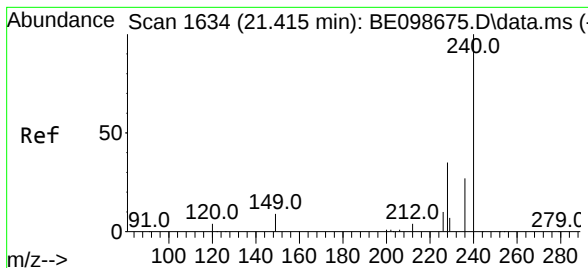
Tgt Ion:	178	Resp:	158
Ion	Ratio	Lower	Upper
178	100		
176	33.5	14.9	22.3#
179	18.4	11.8	17.8#



#25
 Fluoranthene-d10
 Concen: 0.33 ng
 RT: 19.254 min Scan# 1390
 Delta R.T. -0.005 min
 Lab File: BE098724.D
 Acq: 7 Feb 2019 13:42

Tgt Ion:	212	Resp:	35786
Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.7	2.5
104	1.2	1.0	1.6





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.414 min Scan# 1633

Delta R.T. -0.001 min

Lab File: BE098724.D

Acq: 7 Feb 2019 13:42

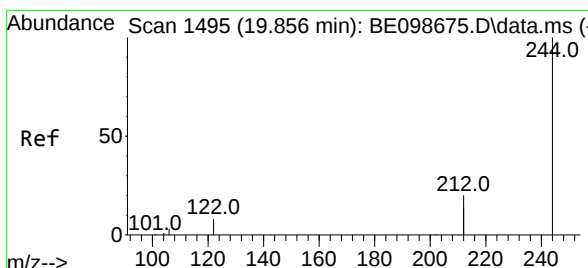
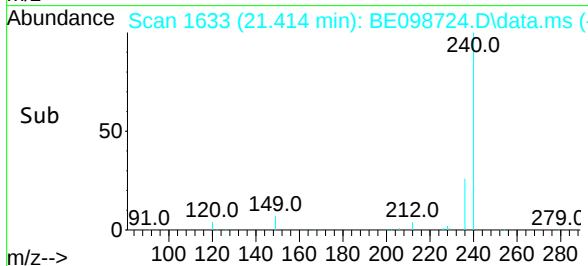
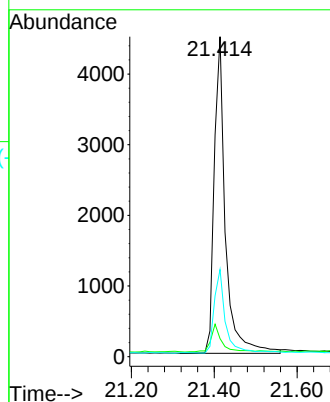
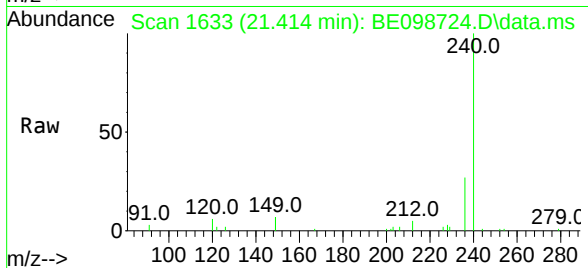
Tgt Ion:240 Resp: 8408

Ion Ratio Lower Upper

240 100

120 5.7 4.7 7.1

236 27.2 21.9 32.9



#29

Terphenyl-d14

Concen: 0.35 ng

RT: 19.851 min Scan# 1494

Delta R.T. -0.005 min

Lab File: BE098724.D

Acq: 7 Feb 2019 13:42

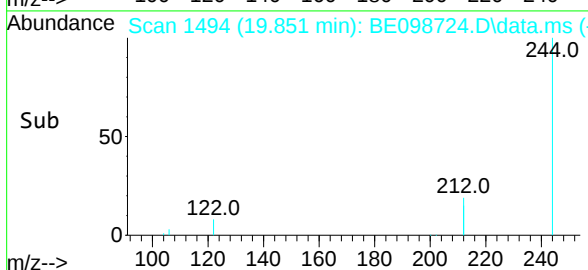
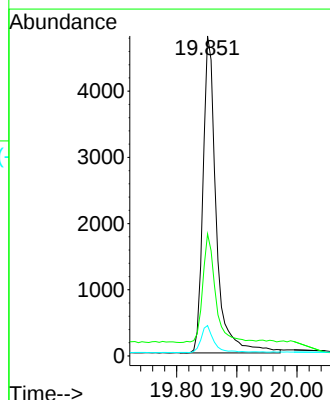
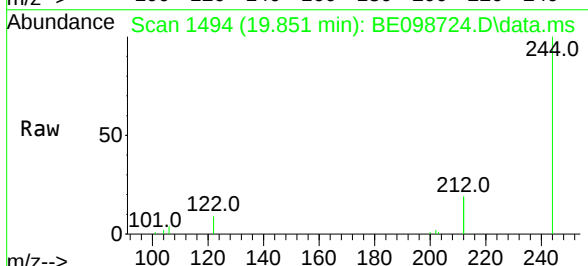
Tgt Ion:244 Resp: 7345

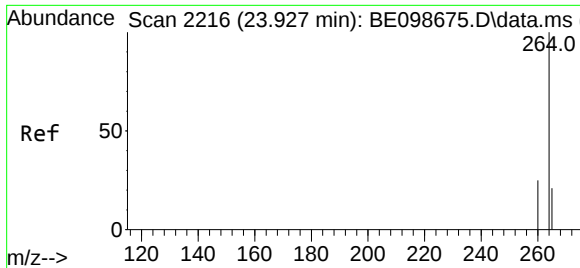
Ion Ratio Lower Upper

244 100

212 38.1 29.4 44.2

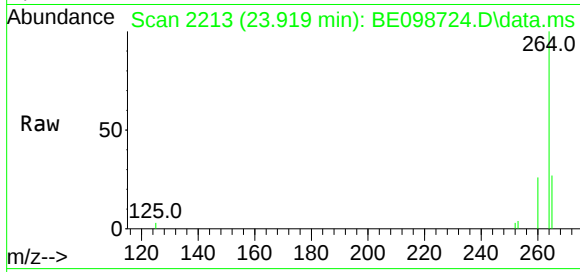
122 9.5 7.1 10.7





#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.919 min Scan# 2213
 Delta R.T. -0.008 min
 Lab File: BE098724.D
 Acq: 7 Feb 2019 13:42

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-190204



Tgt Ion:264 Resp: 8021

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	27.4	22.3	33.5

