

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044140.D
 Acq On : 21 Jan 2020 19:18
 Operator : JU
 Sample : L1205-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-3

Quant Time: Jan 22 07:17:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

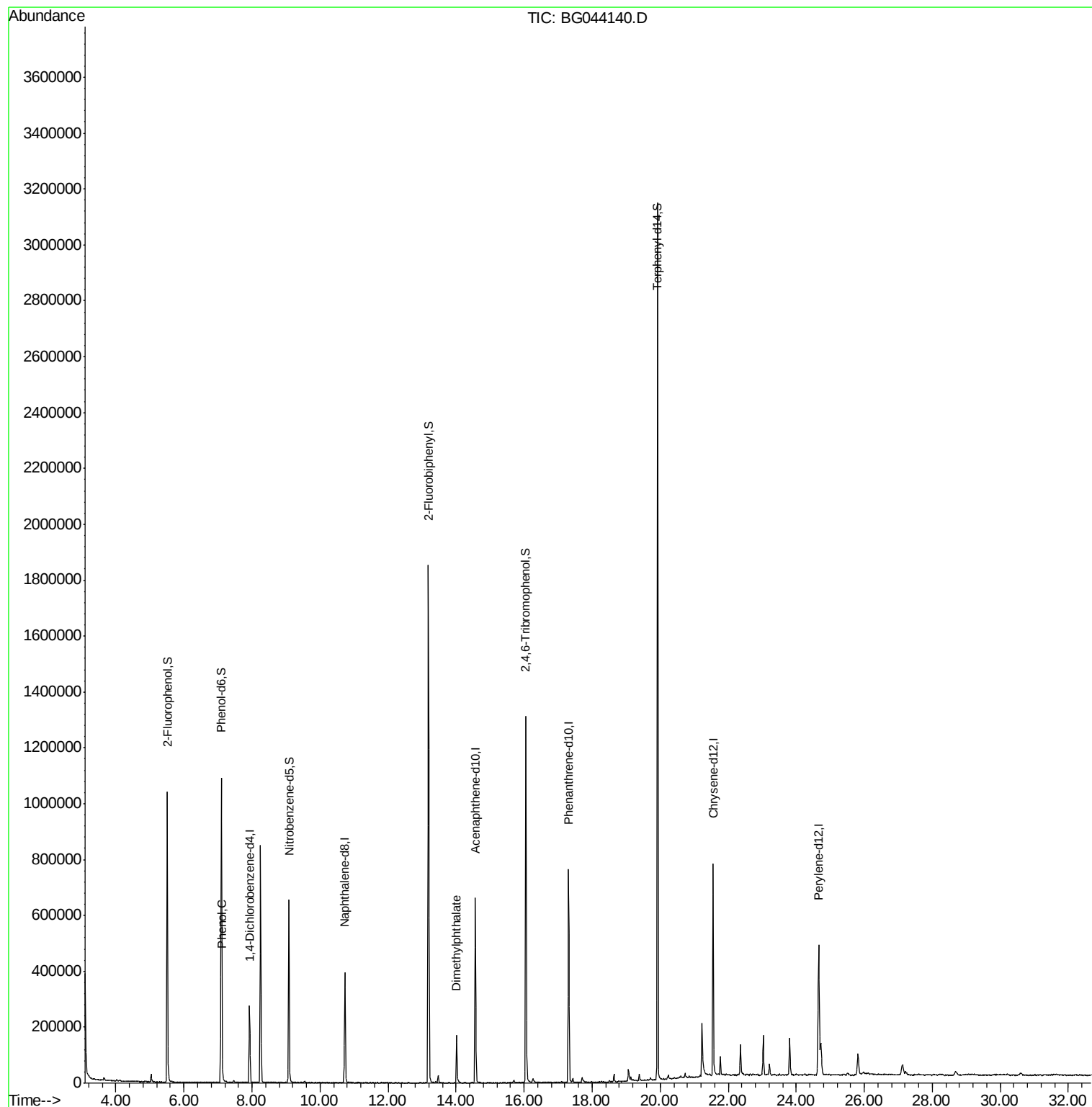
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	83049	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	365530	20.00	ng	-0.04
39) Acenaphthene-d10	14.56	164	251257	20.00	ng	-0.04
64) Phenanthrene-d10	17.31	188	512860	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	430718	20.00	ng	-0.04
87) Perylene-d12	24.66	264	479930	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	509482	112.64	ng	-0.03
7) Phenol-d6	7.10	99	702308	111.08	ng	-0.02
23) Nitrobenzene-d5	9.09	82	431036	63.08	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	261401	99.42	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1038924	74.91	ng	-0.04
79) Terphenyl-d14	19.92	244	1494432	83.18	ng	-0.04
Target Compounds						
10) Phenol	7.12	94	17376	2.667	ng	85
50) Dimethylphthalate	14.02	163	134390	7.533	ng	96

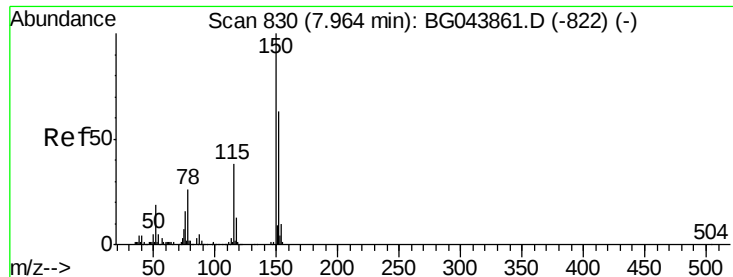
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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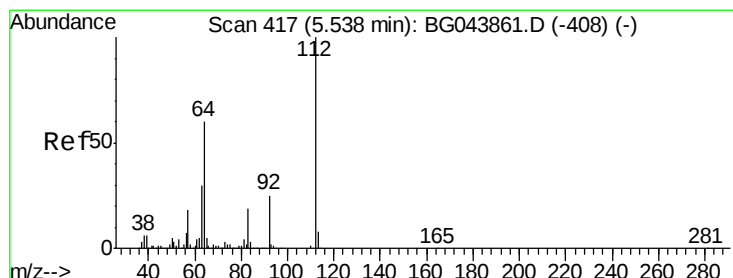
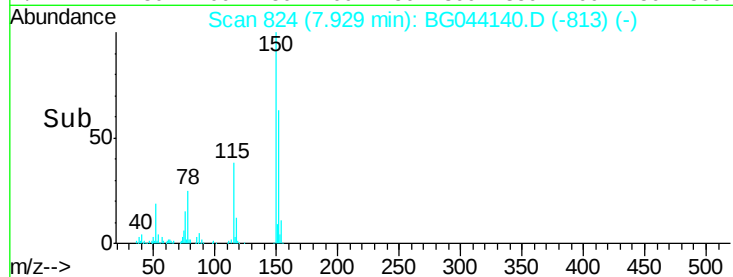
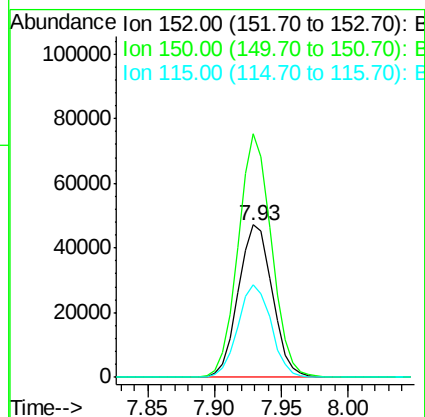
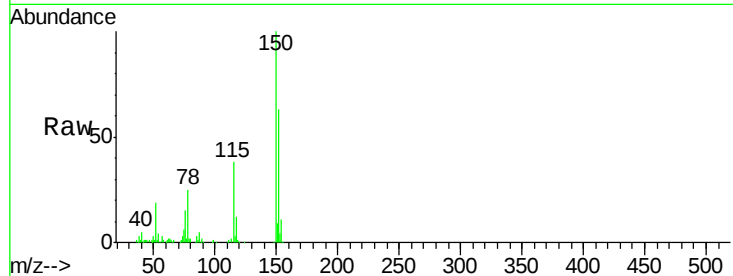


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044140.D
Acq: 21 Jan 2020 19:18

Instrument :
BNA_G
ClientSampleId :
EP-3

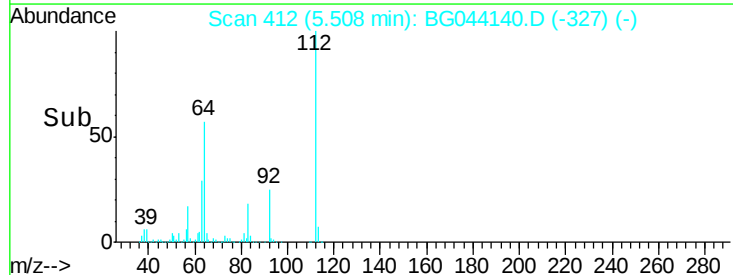
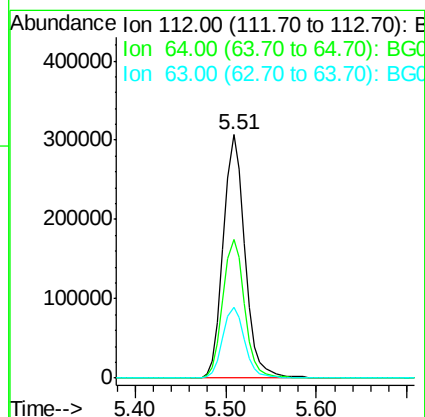
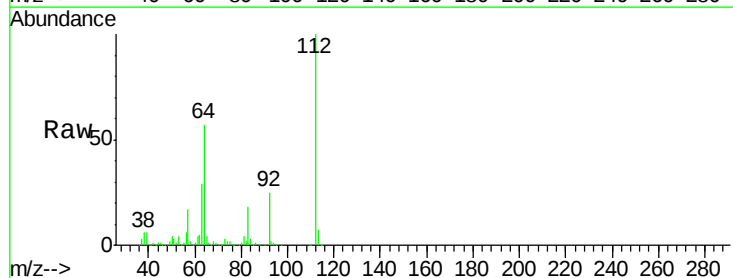
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	127.0	190.4
115	61.1	47.8	71.8



#5

2-Fluorophenol
Concen: 112.641 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044140.D
Acq: 21 Jan 2020 19:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.8	71.6
63	28.9	24.3	36.5





#7

Phenol-d6

Concen: 111.082 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044140.D

Acq: 21 Jan 2020 19:18

Instrument :

BNA_G

ClientSampled :

EP-3

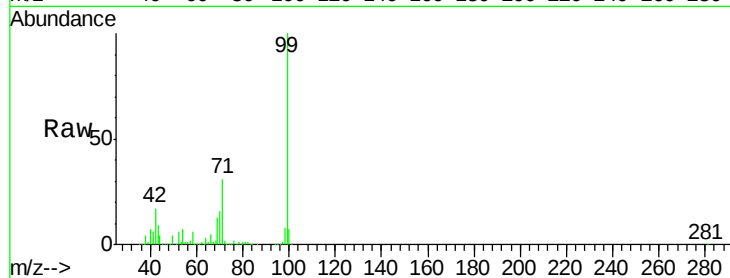
Tot Ion: 99 Resp: 702308

Ion Ratio Lower Upper

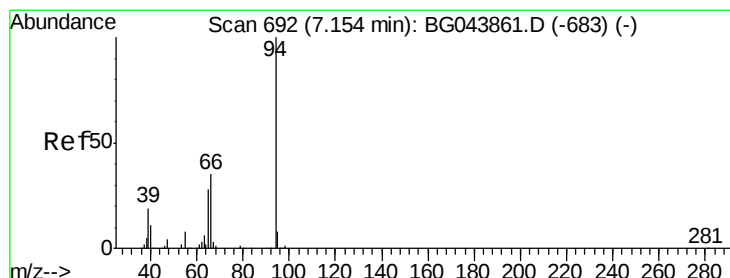
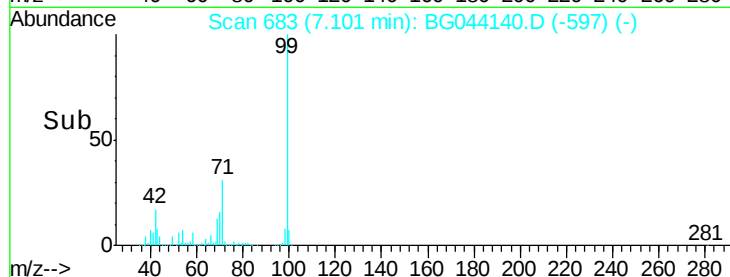
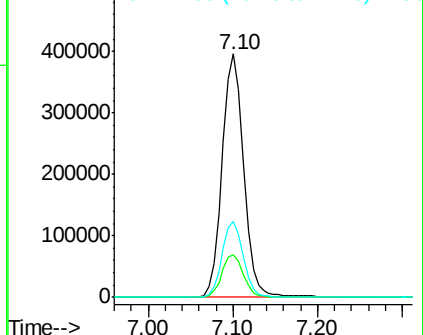
99 100

42 17.4 14.9 22.3

71 31.0 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.667 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044140.D

Acq: 21 Jan 2020 19:18

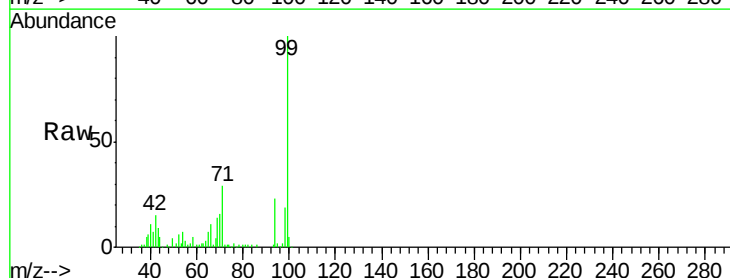
Tgt Ion: 94 Resp: 17376

Ion Ratio Lower Upper

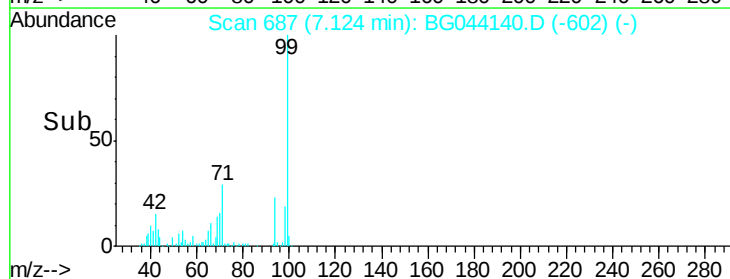
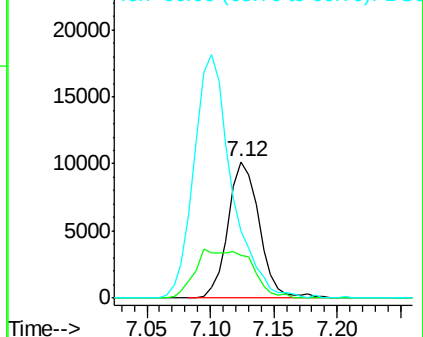
94 100

65 30.8 8.1 48.1

66 49.3 15.6 55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

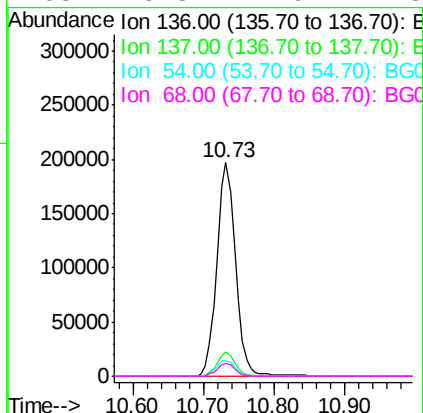
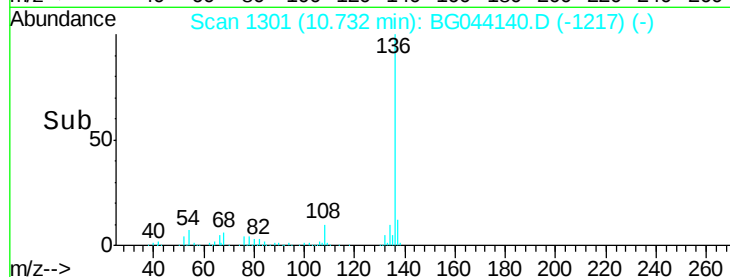
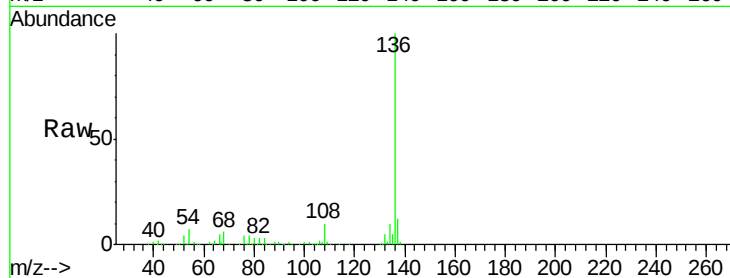




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044140.D
Acq: 21 Jan 2020 19:18

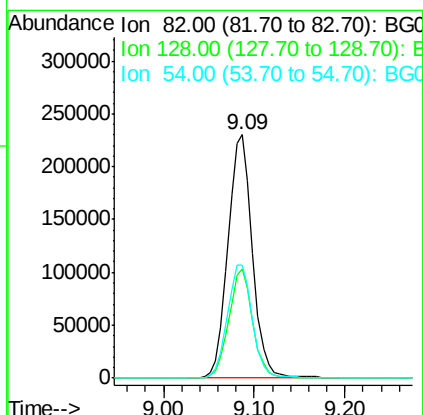
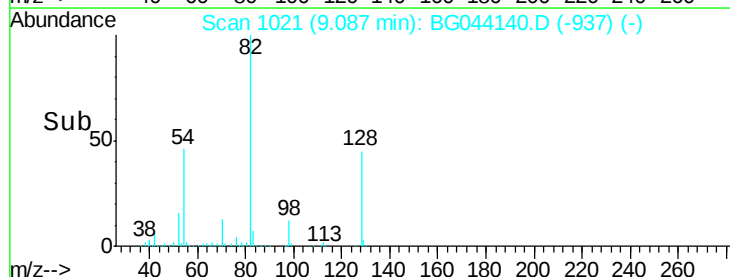
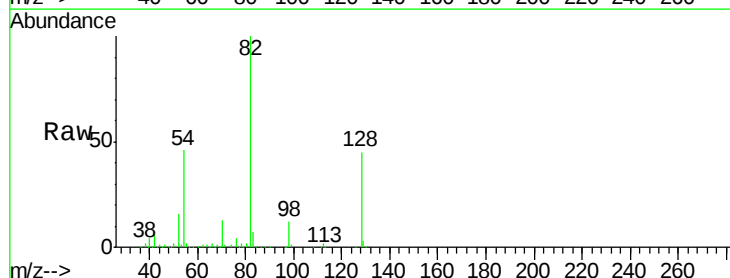
Instrument :
BNA_G
ClientSampleId :
EP-3

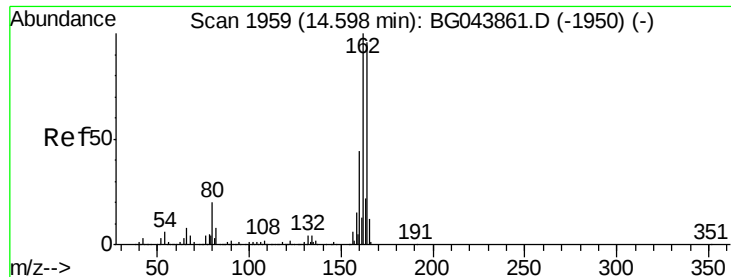
Tot Ion:136	Resp:	365530
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.8	13.2
54 7.1	7.0	10.4
68 5.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 63.083 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044140.D
Acq: 21 Jan 2020 19:18

Tgt	Ion: 82	Resp:	431036
Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.1	52.7
54	46.4	40.1	60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BG044140.D

Acq: 21 Jan 2020 19:18

Instrument :

BNA_G

ClientSampleId :

EP-3

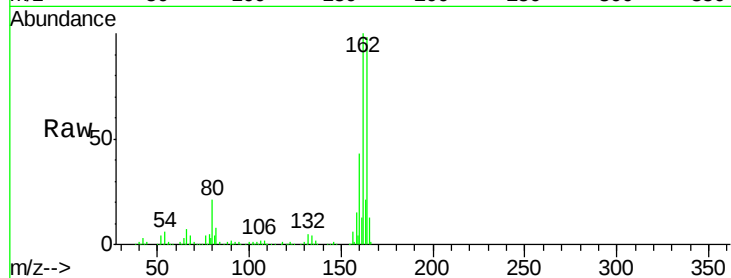
Tot Ion:164 Resp: 251257

Ion Ratio Lower Upper

164 100

162 102.3 83.0 124.4

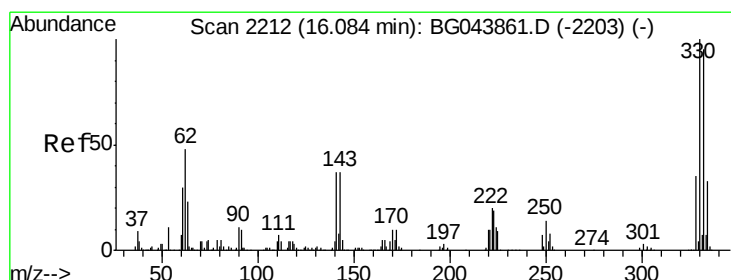
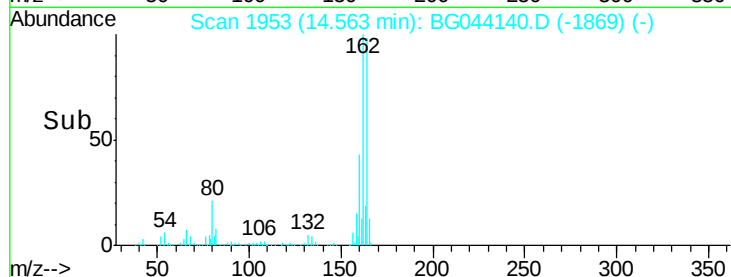
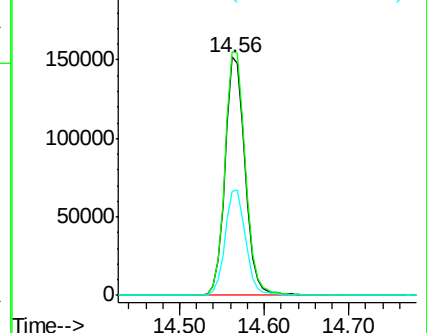
160 44.0 36.1 54.1



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



#42

2,4,6-Tribromophenol

Concen: 99.416 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044140.D

Acq: 21 Jan 2020 19:18

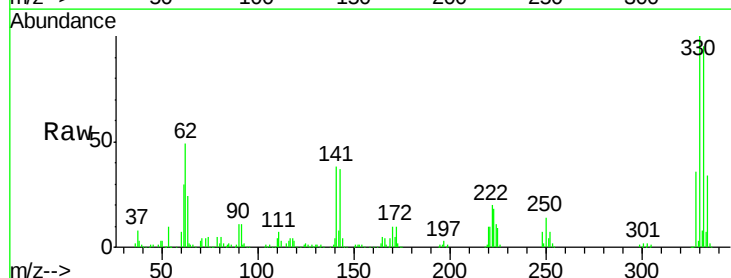
Tgt Ion:330 Resp: 261401

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

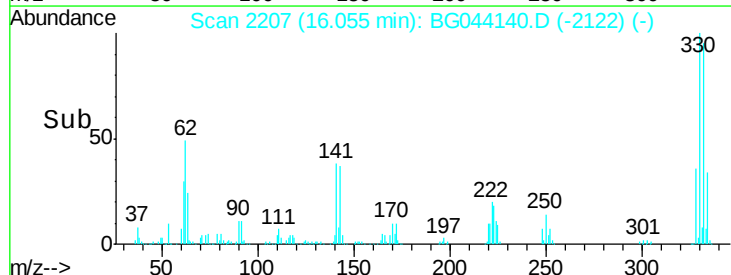
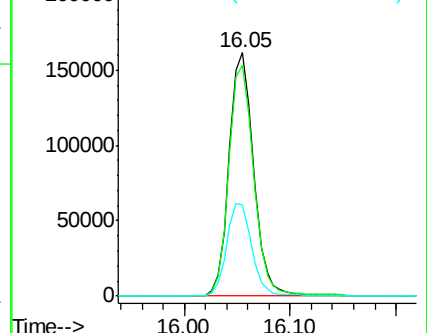
141 39.4 33.1 49.7

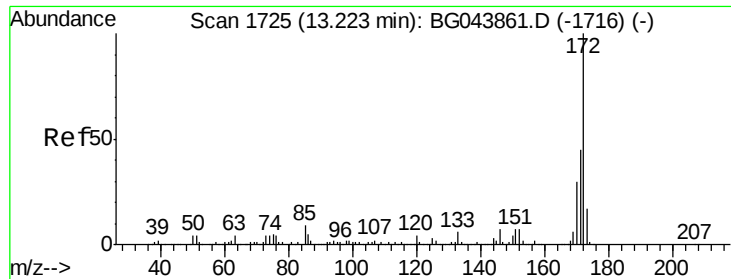


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

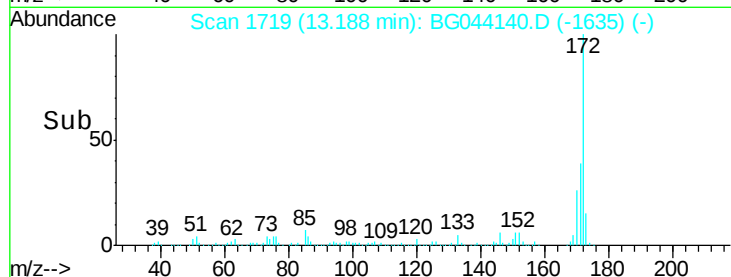
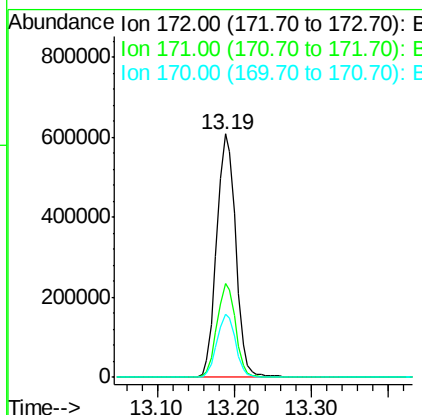
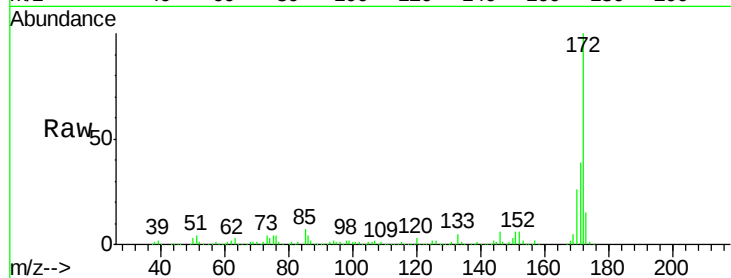




#45
2-Fluorobiphenyl
Concen: 74.915 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BG044140.D
Acq: 21 Jan 2020 19:18

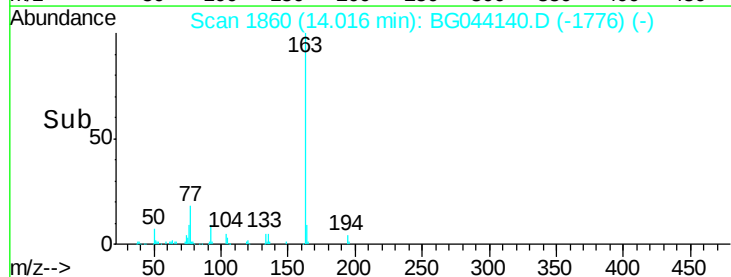
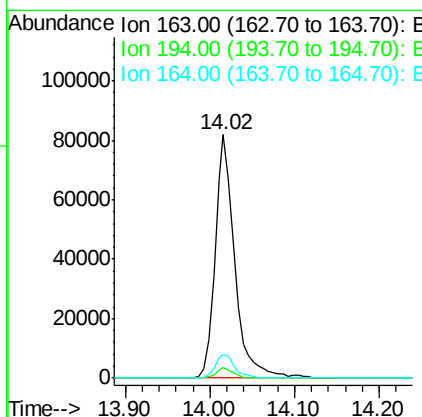
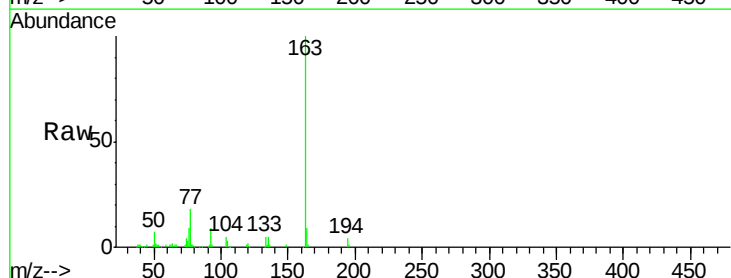
Instrument :
BNA_G
ClientSampleId :
EP-3

Tot Ion:172 Resp: 1038924
Ion Ratio Lower Upper
172 100
171 38.8 35.8 53.8
170 26.1 24.2 36.4



#50
Dimethylphthalate
Concen: 7.533 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.04 min
Lab File: BG044140.D
Acq: 21 Jan 2020 19:18

Tgt Ion:163 Resp: 134390
Ion Ratio Lower Upper
163 100
194 4.3 3.7 5.5
164 9.5 9.3 13.9

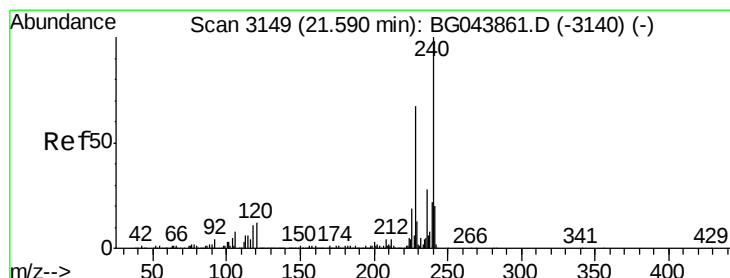
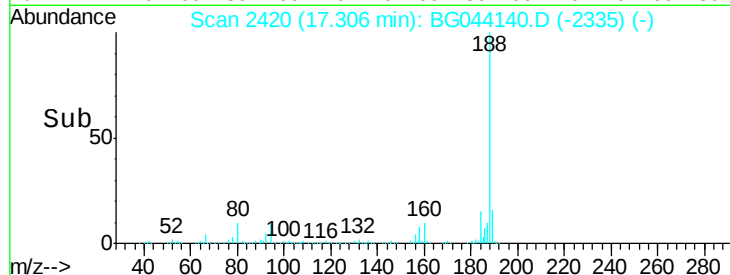
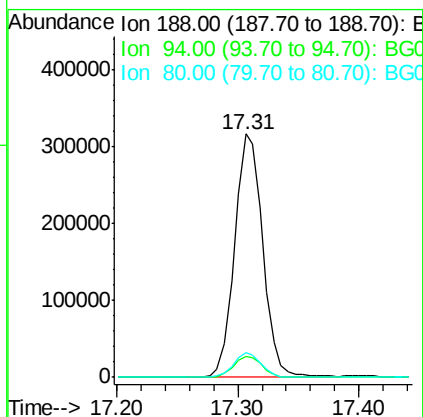
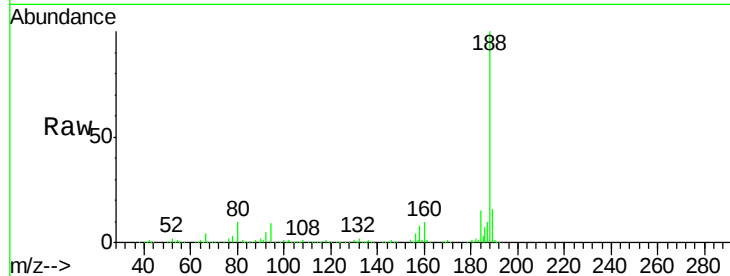




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044140.D
Acq: 21 Jan 2020 19:18

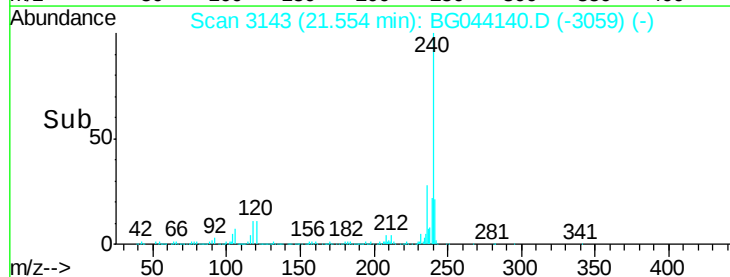
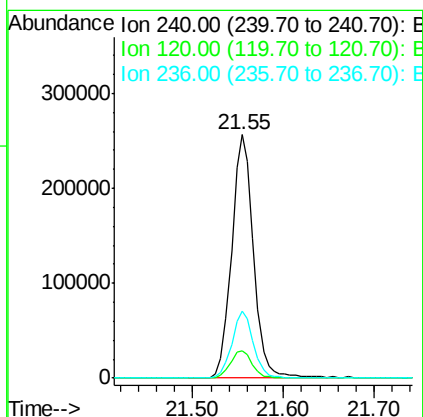
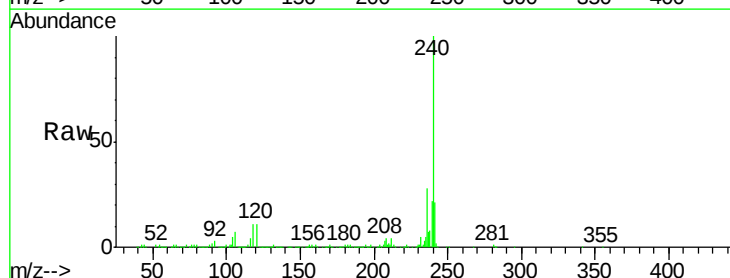
Instrument :
BNA_G
ClientSampleId :
EP-3

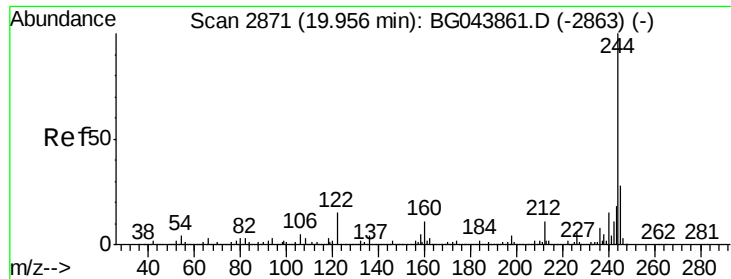
Tot Ion:188 Resp: 512860
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.9 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.04 min
Lab File: BG044140.D
Acq: 21 Jan 2020 19:18

Tgt Ion:240 Resp: 430718
Ion Ratio Lower Upper
240 100
120 11.2 9.6 14.4
236 27.7 22.2 33.2





#79

Terphenyl-d14

Concen: 83.180 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.04 min

Lab File: BG044140.D

Acq: 21 Jan 2020 19:18

Instrument :

BNA_G

ClientSampled :

EP-3

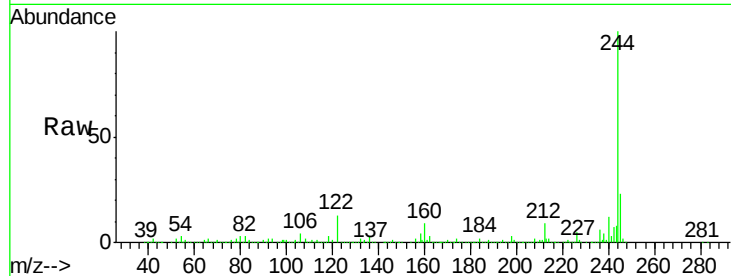
Tot Ion:244 Resp: 1494432

Ion Ratio Lower Upper

244 100

212 8.5 8.6 13.0#

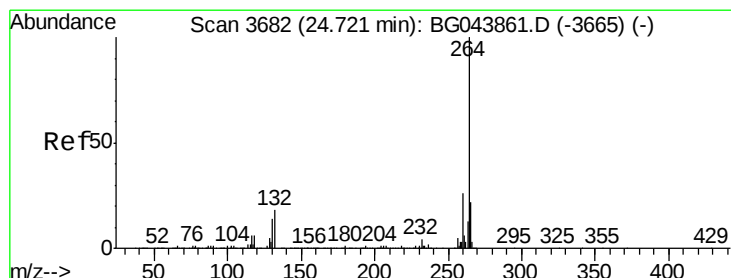
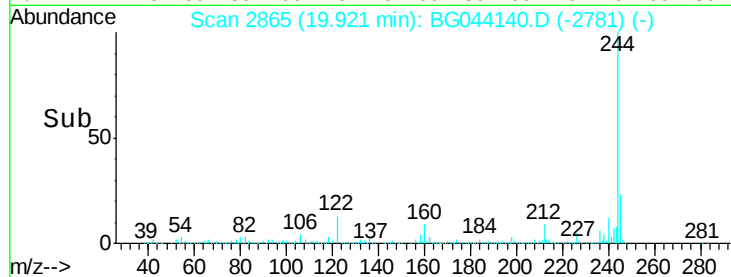
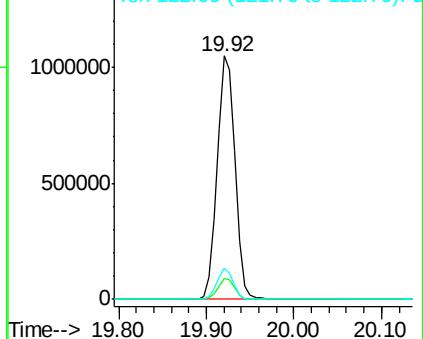
122 12.8 11.9 17.9



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3672

Delta R.T. -0.06 min

Lab File: BG044140.D

Acq: 21 Jan 2020 19:18

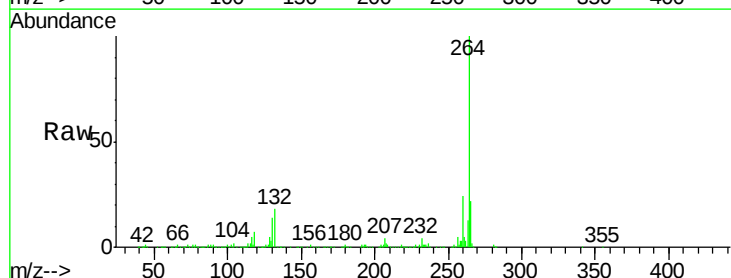
Tgt Ion:264 Resp: 479930

Ion Ratio Lower Upper

264 100

260 24.3 20.4 30.6

265 22.1 17.4 26.2



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

