

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042274.D
 Acq On : 17 Aug 2019 00:22
 Operator : HP/JU
 Sample : K4265-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-4-A1-A4-(0-1)

Quant Time: Aug 17 05:40:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

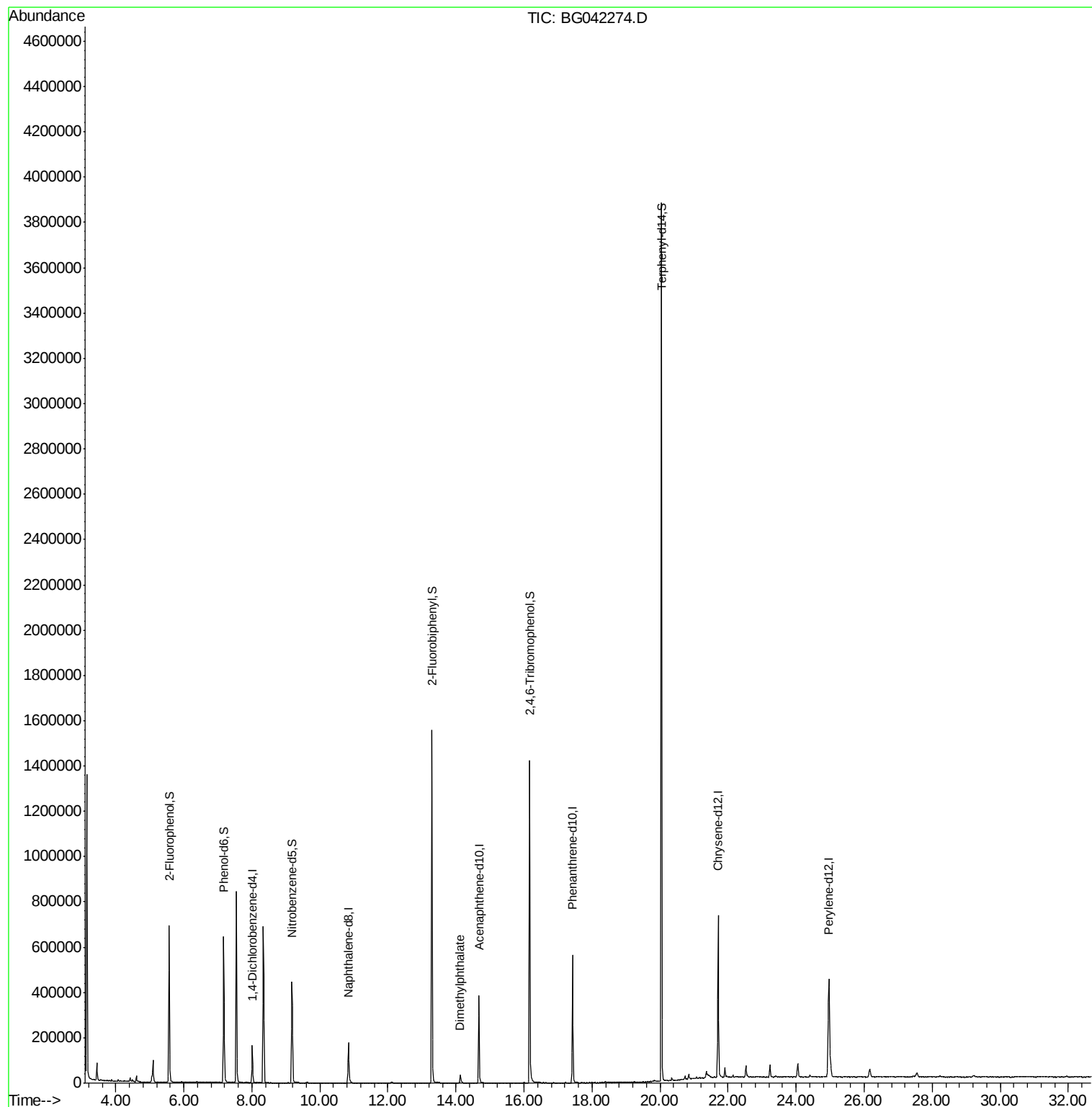
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	54321	20.00	ng	-0.03
21) Naphthalene-d8	10.83	136	204792	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	154234	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	388933	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	455502	20.00	ng	-0.03
87) Perylene-d12	24.96	264	528801	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	360257	129.03	ng	-0.02
7) Phenol-d6	7.17	99	443771	117.90	ng	-0.02
23) Nitrobenzene-d5	9.18	82	304966	102.48	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	351359	200.56	ng	-0.03
45) 2-Fluorobiphenyl	13.29	172	941440	107.66	ng	-0.04
79) Terphenyl-d14	20.04	244	1949359	97.93	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.13	163	40447	3.840	ng	Qvalue 96

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

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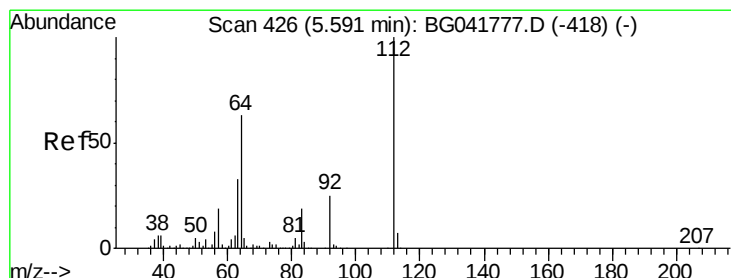
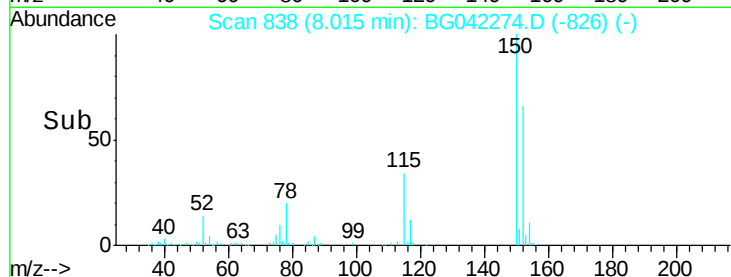
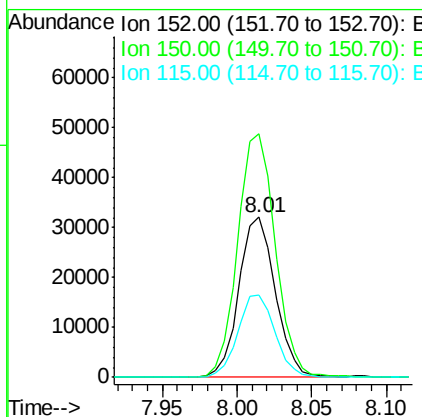
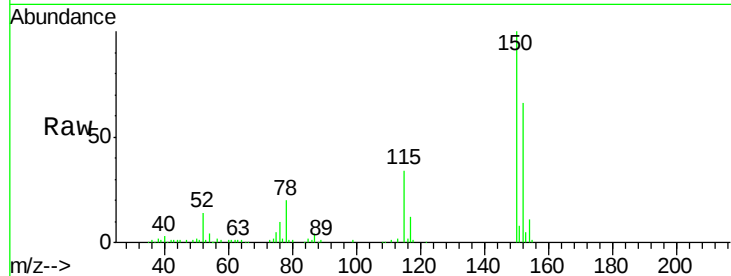


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.03 min
Lab File: BG042274.D
Acq: 17 Aug 2019 00:22

Instrument :
BNA_G
ClientSampleId :
REACTOR-4-A1-A4-(0-1)

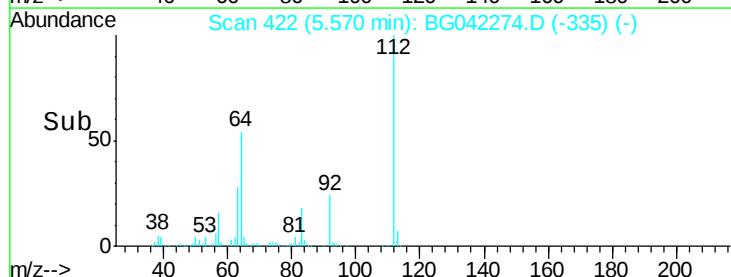
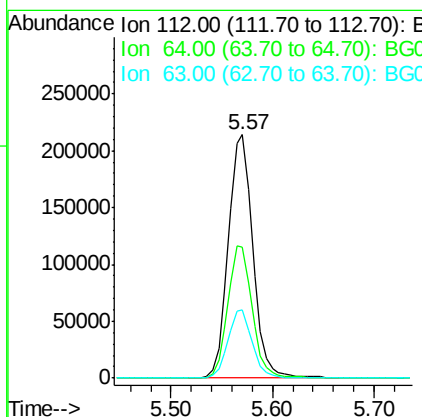
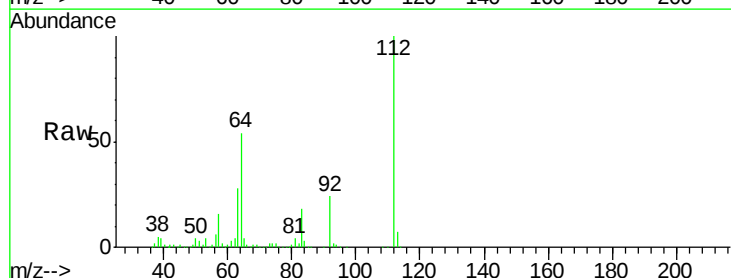
Tot Ion:152 Resp: 54321
Ion Ratio Lower Upper
152 100
150 152.0 126.9 190.3
115 51.7 45.0 67.6



#5

2-Fluorophenol
Concen: 129.034 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.02 min
Lab File: BG042274.D
Acq: 17 Aug 2019 00:22

Tgt Ion:112 Resp: 360257
Ion Ratio Lower Upper
112 100
64 53.6 55.4 83.2#
63 27.8 29.1 43.7#





#7

Phenol-d6

Concen: 117.898 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG042274.D

Acq: 17 Aug 2019 00:22

Instrument :

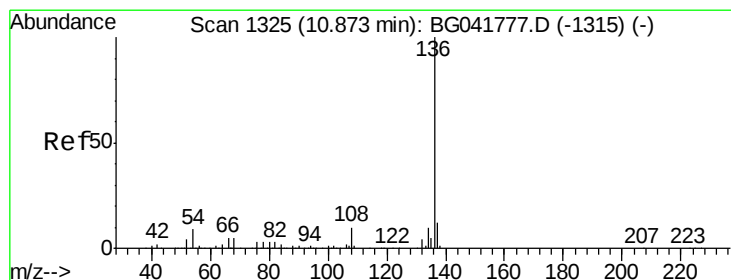
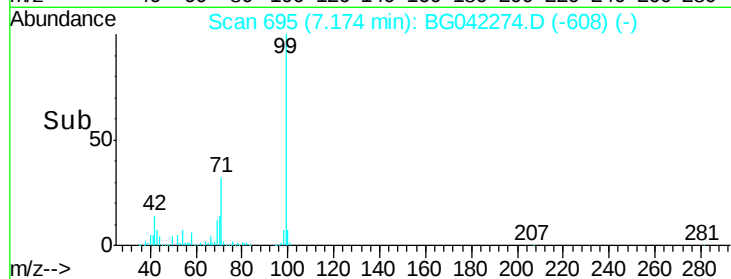
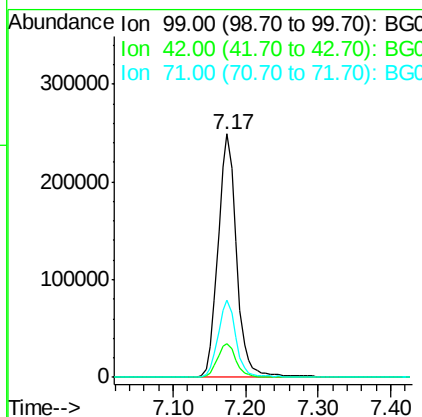
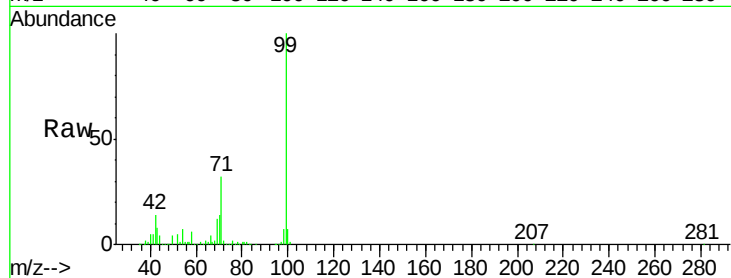
BNA_G

ClientSampleId :

REACTOR-4-A1-A4-(0-1)

Tot Ion: 99 Resp: 443771

Ion	Ratio	Lower	Upper
99	100		
42	14.1	17.6	26.4#
71	31.6	27.8	41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

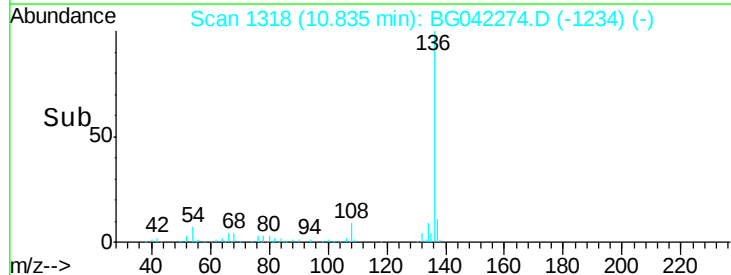
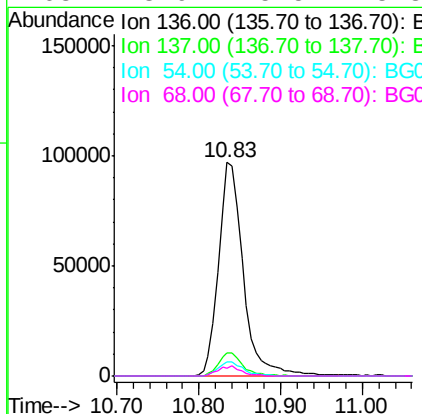
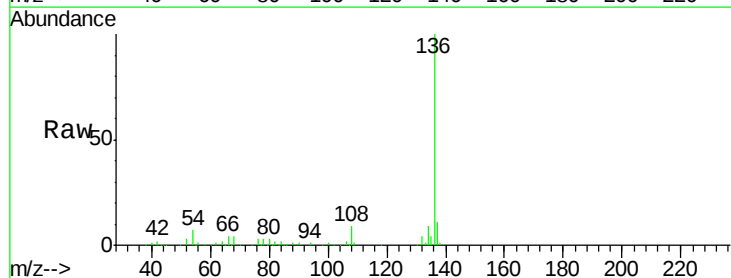
Delta R.T. -0.04 min

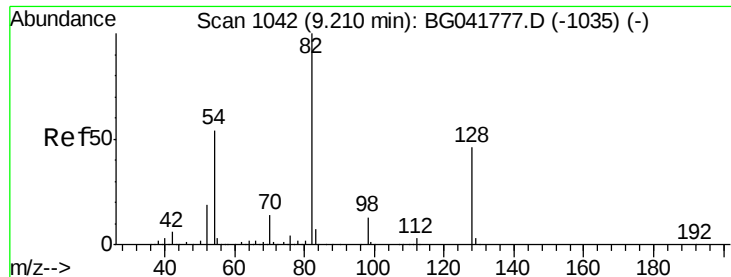
Lab File: BG042274.D

Acq: 17 Aug 2019 00:22

Tgt Ion: 136 Resp: 204792

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.7	8.7	13.1#
68	3.9	5.5	8.3#

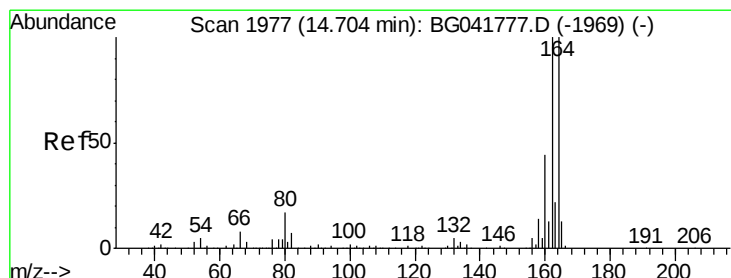
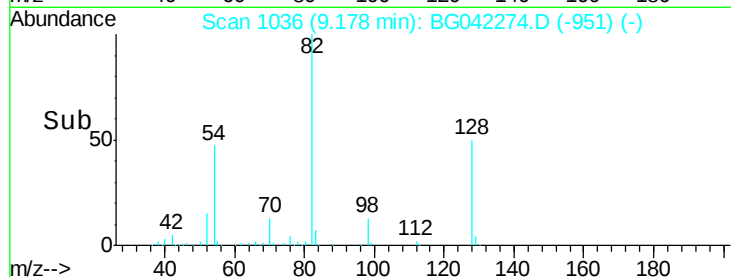
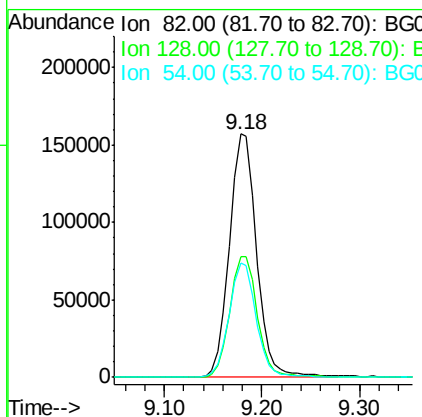
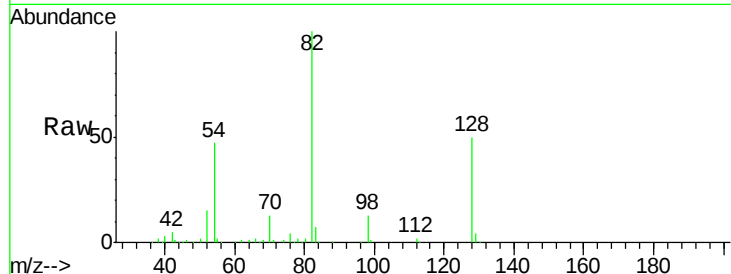




#23
 Nitrobenzene-d5
 Concen: 102.478 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BG042274.D
 Acq: 17 Aug 2019 00:22

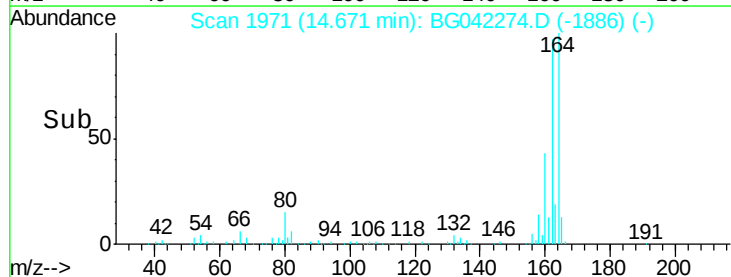
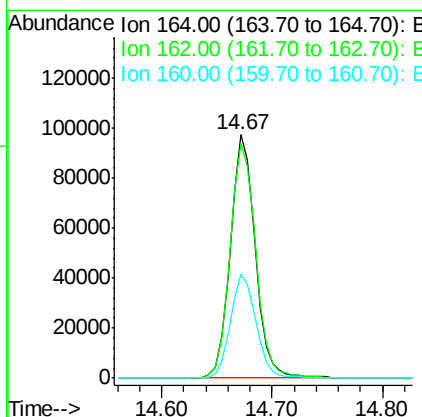
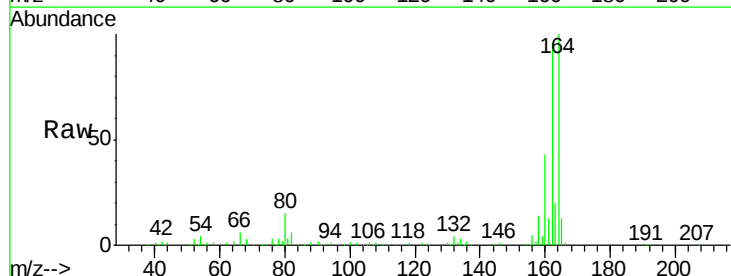
Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-4-A1-A4-(0-1)

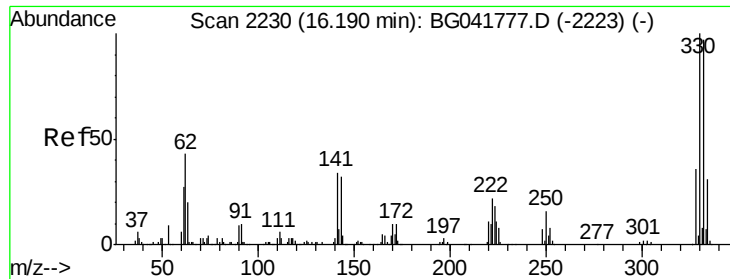
Tot Ion	82	Resp	304966
Ion Ratio	Lower	Upper	
82	100		
128	49.7	35.1	52.7
54	46.9	48.7	73.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.03 min
 Lab File: BG042274.D
 Acq: 17 Aug 2019 00:22

Tgt Ion	164	Resp	154234
Ion Ratio	Lower	Upper	
164	100		
162	96.3	79.6	119.4
160	43.0	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 200.560 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BG042274.D

Acq: 17 Aug 2019 00:22

Instrument :

BNA_G

ClientSampleId :

REACTOR-4-A1-A4-(0-1)

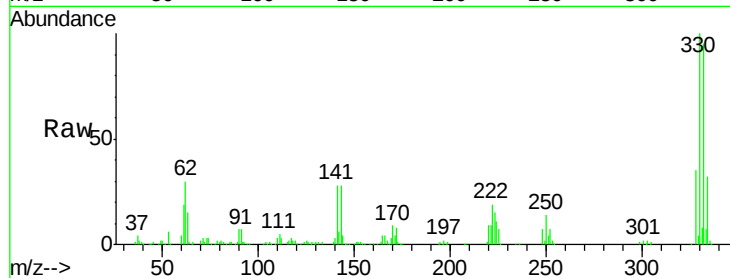
Tot Ion:330 Resp: 351359

Ion Ratio Lower Upper

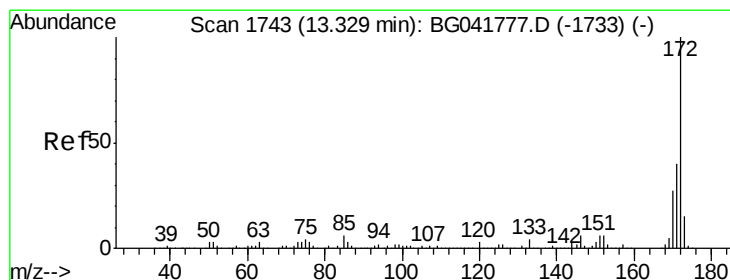
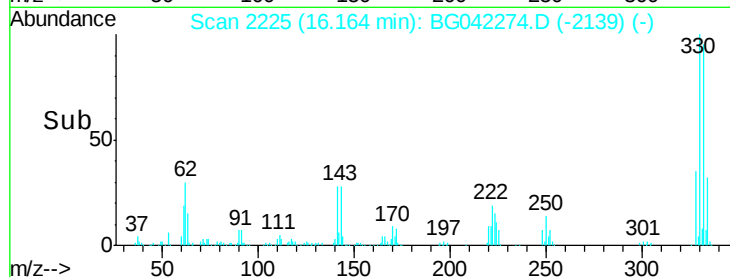
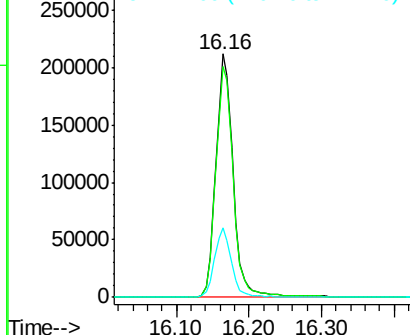
330 100

332 97.2 77.4 116.0

141 27.8 31.9 47.9#



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: 107.657 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.04 min

Lab File: BG042274.D

Acq: 17 Aug 2019 00:22

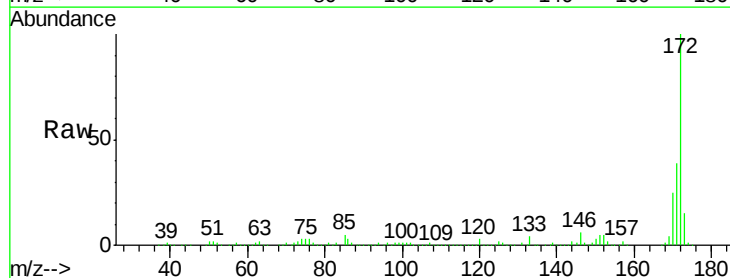
Tgt Ion:172 Resp: 941440

Ion Ratio Lower Upper

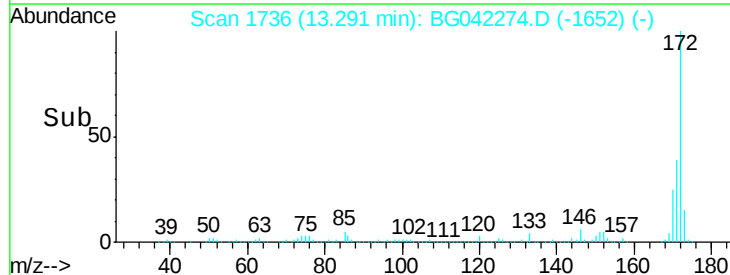
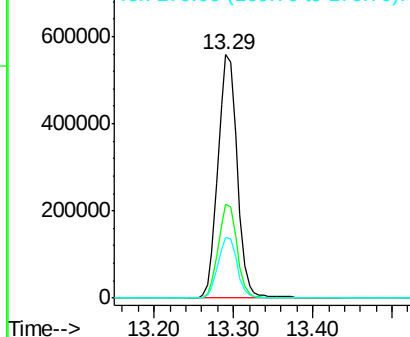
172 100

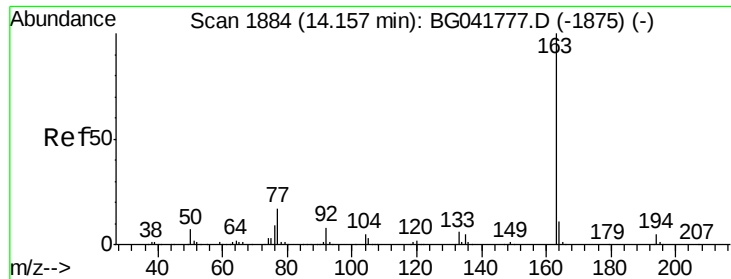
171 38.5 35.0 52.4

170 24.9 23.5 35.3



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

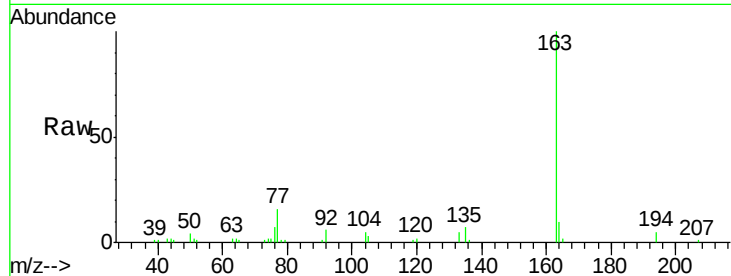




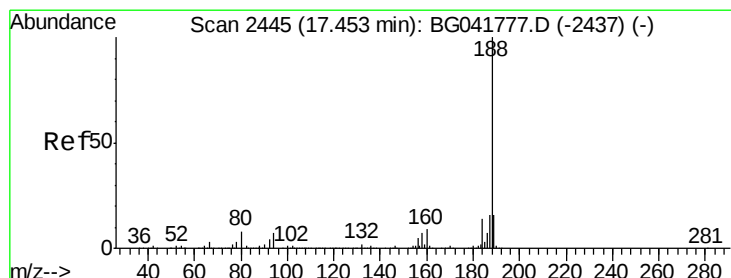
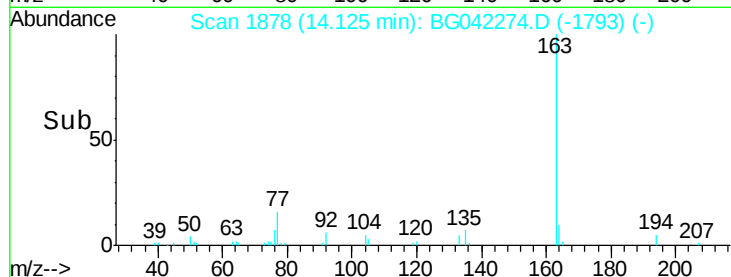
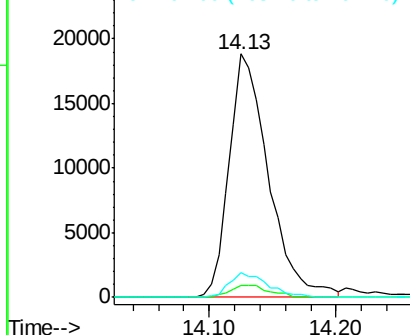
#50
Dimethylphthalate
Concen: 3.840 ng
RT: 14.13 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG042274.D
Acq: 17 Aug 2019 00:22

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REACTOR-4-A1-A4-(0-1)

Tot Ion:163 Resp: 40447
Ion Ratio Lower Upper
163 100
194 4.7 4.2 6.2
164 10.0 9.4 14.2

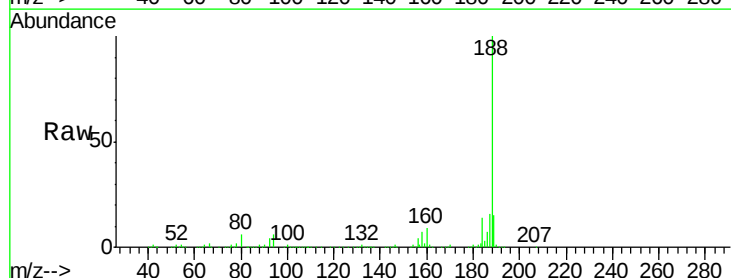


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

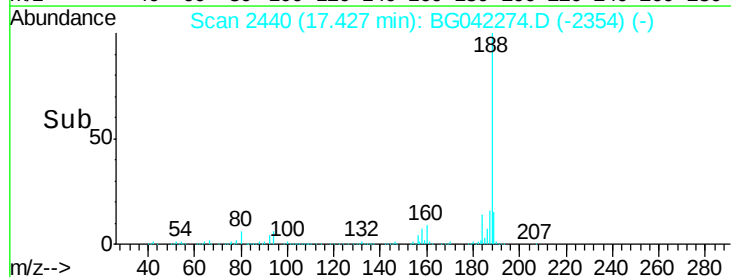
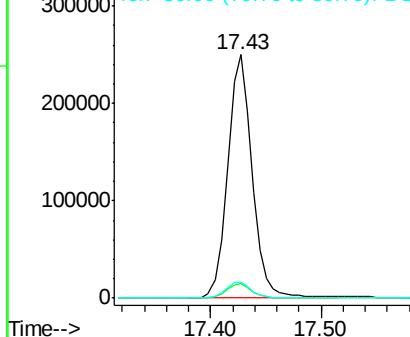


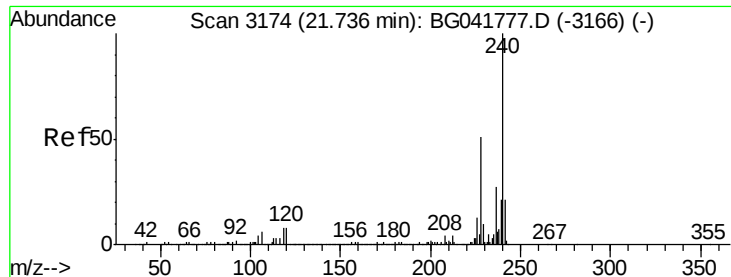
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.03 min
Lab File: BG042274.D
Acq: 17 Aug 2019 00:22

Tgt Ion:188 Resp: 388933
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 6.5 8.0 12.0#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

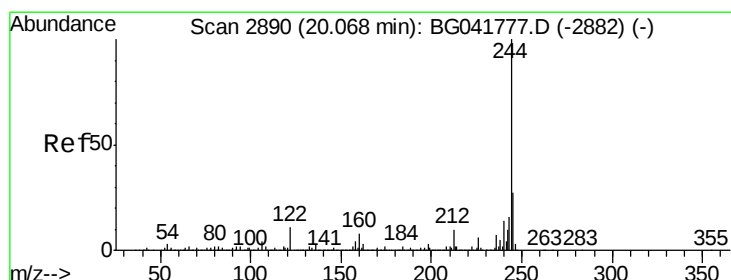
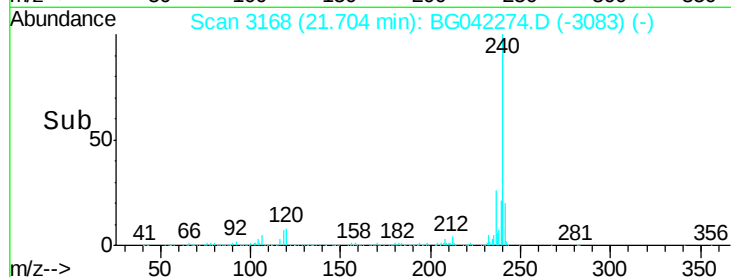
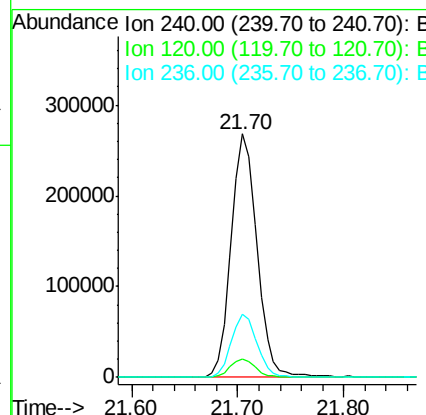
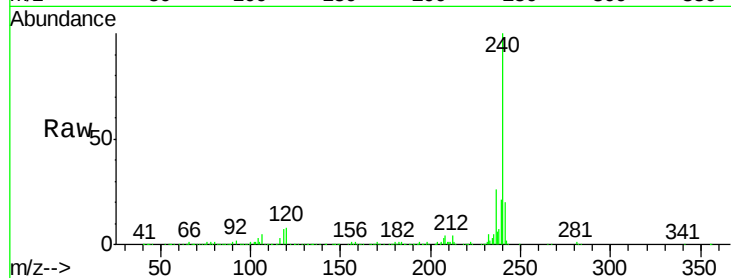




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.03 min
 Lab File: BG042274.D
 Acq: 17 Aug 2019 00:22

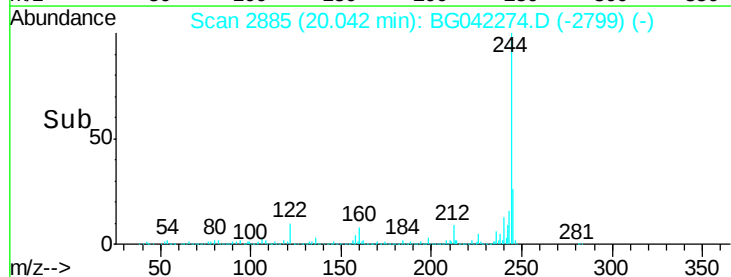
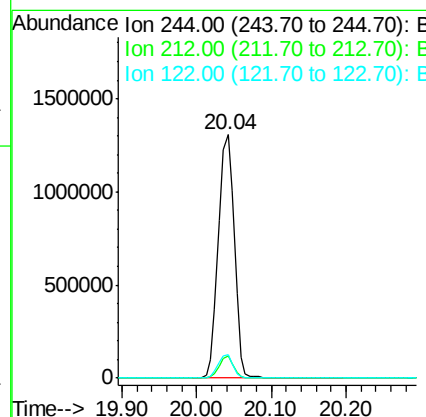
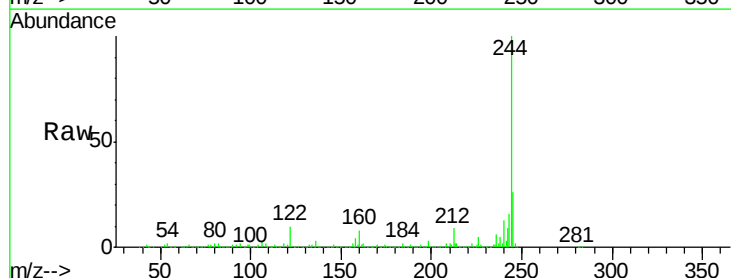
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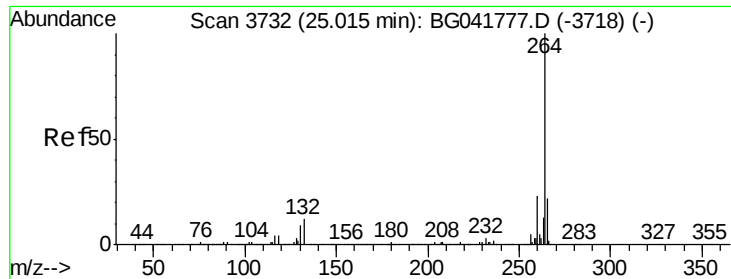
Tot Ion:240 Resp: 455502
 Ion Ratio Lower Upper
 240 100
 120 7.5 8.0 12.0#
 236 26.0 22.6 33.8



#79
 Terphenyl-d14
 Concen: 97.928 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. -0.03 min
 Lab File: BG042274.D
 Acq: 17 Aug 2019 00:22

Tgt Ion:244 Resp: 1949359
 Ion Ratio Lower Upper
 244 100
 212 8.9 9.7 14.5#
 122 9.6 12.5 18.7#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.96 min Scan# 3722
 Delta R.T. -0.06 min
 Lab File: BG042274.D
 Acq: 17 Aug 2019 00:22

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-4-A1-A4-(0-1)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.9	18.0	27.0

