

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
 Data File : BG042975.D
 Acq On : 1 Oct 2019 20:17
 Operator : JU
 Sample : K5094-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MC-17-COMPOSITE

Quant Time: Oct 02 01:48:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

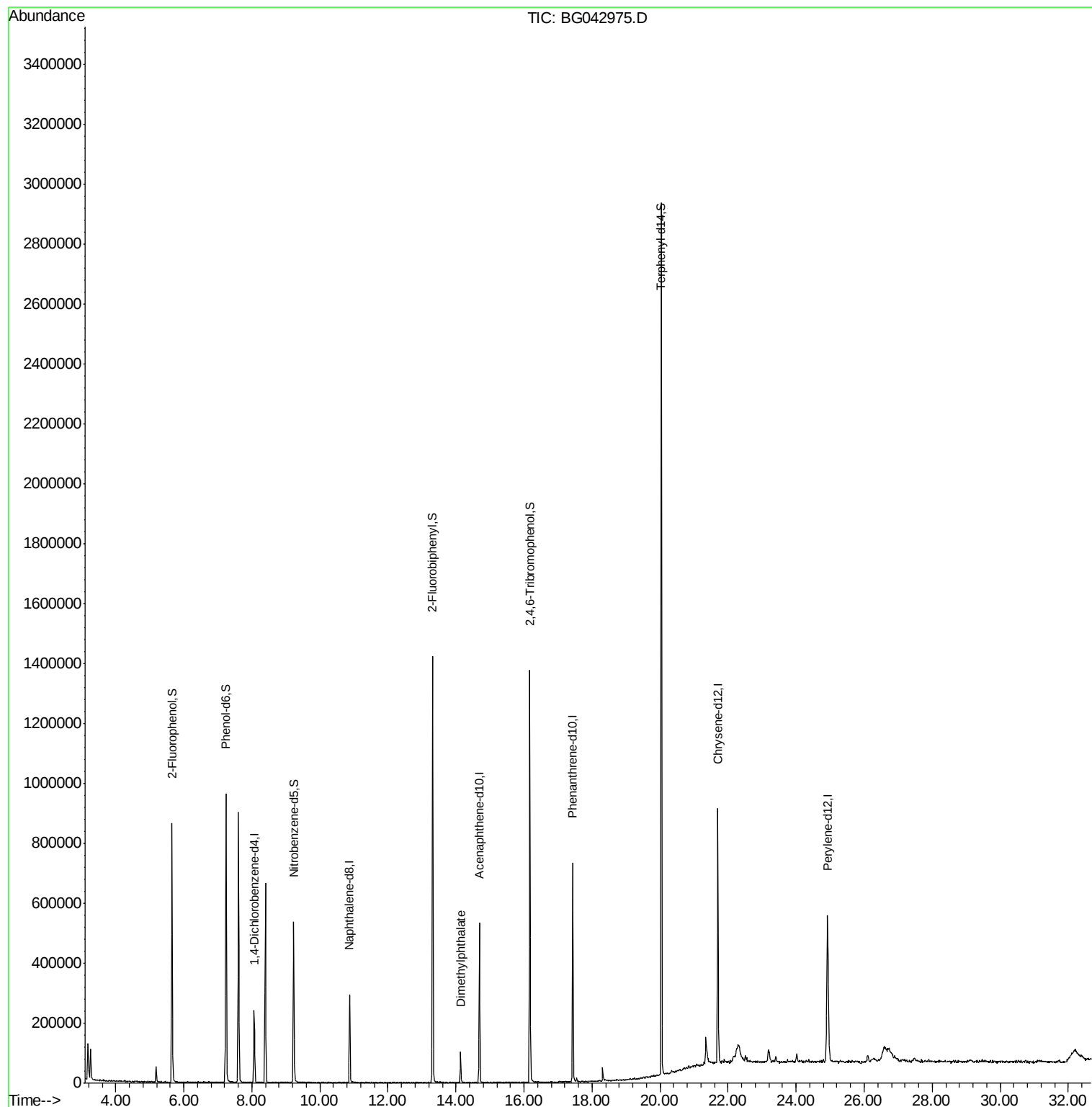
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	67155	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	254515	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	187156	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	470771	20.00	ng	0.00
76) Chrysene-d12	21.70	240	524450	20.00	ng	-0.02
87) Perylene-d12	24.92	264	601542	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	358838	95.36	ng	0.00
7) Phenol-d6	7.24	99	535599	98.84	ng	0.00
23) Nitrobenzene-d5	9.23	82	343019	65.51	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	292222	90.80	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	760093	58.88	ng	-0.01
79) Terphenyl-d14	20.04	244	1491867	60.62	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.14	163	69476	4.954	ng	Qvalue 97

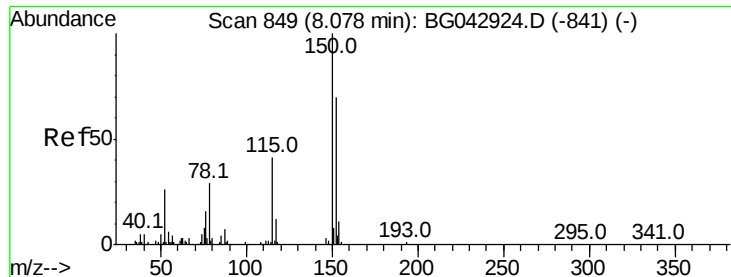
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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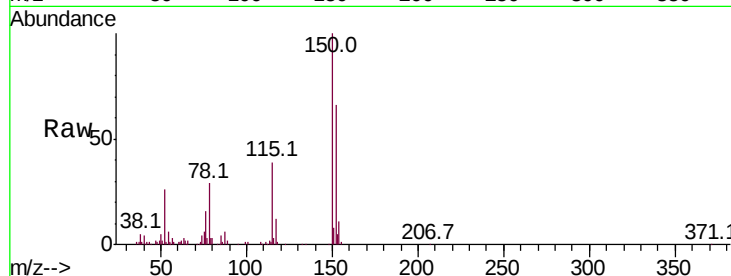


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BG042975.D
 Acq: 1 Oct 2019 20:17

Instrument :
 BNA_G
 ClientSampleId :
 MC-17-COMPOSITE

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	115.0	172.4
115	59.7	47.0	70.6

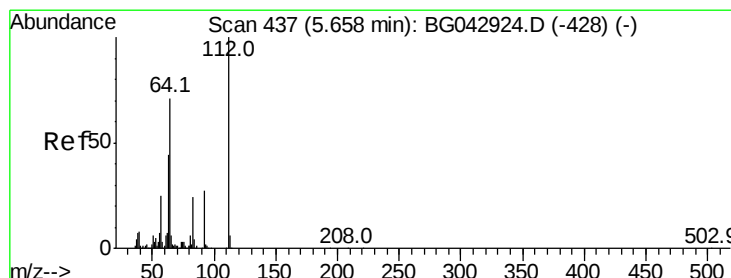
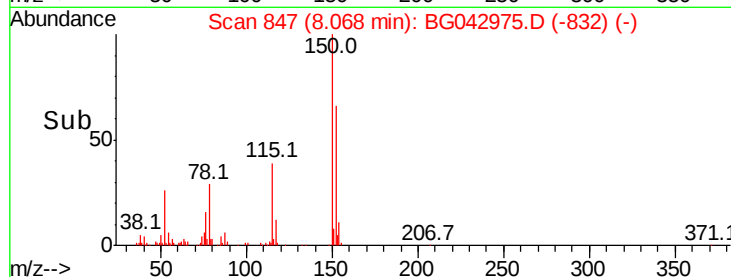
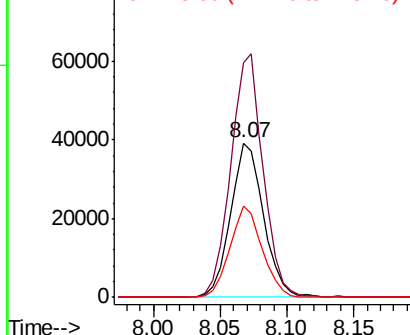


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

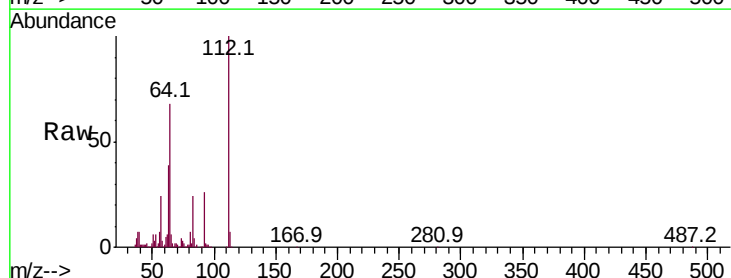
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 95.360 ng
 RT: 5.65 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: BG042975.D
 Acq: 1 Oct 2019 20:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	56.6	84.8
63	39.4	35.1	52.7

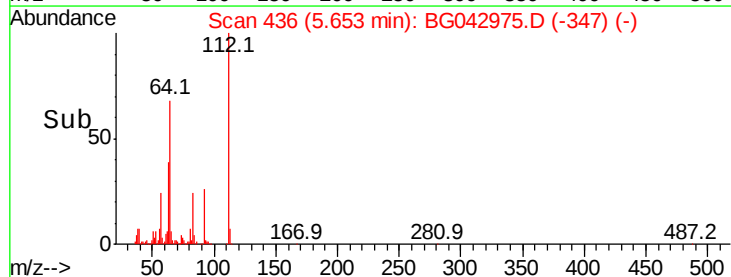
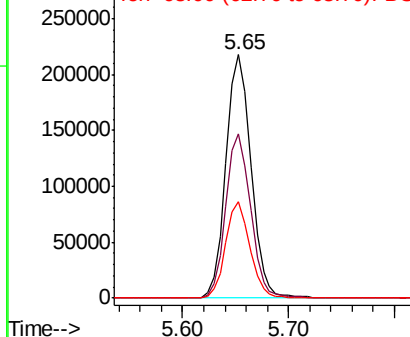


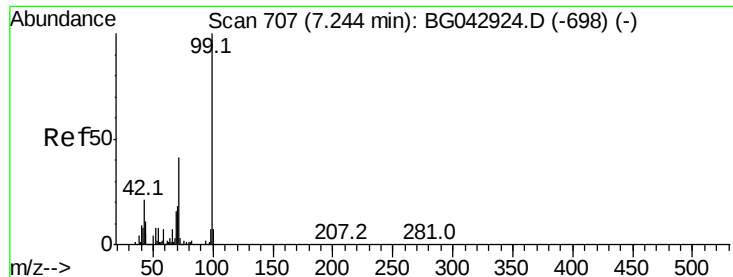
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 98.839 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG042975.D

Acq: 1 Oct 2019 20:17

Instrument :

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MC-17-COMPOSITE

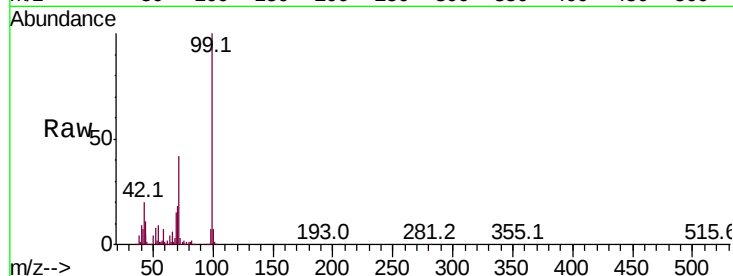
Tot Ion: 99 Resp: 535599

Ion Ratio Lower Upper

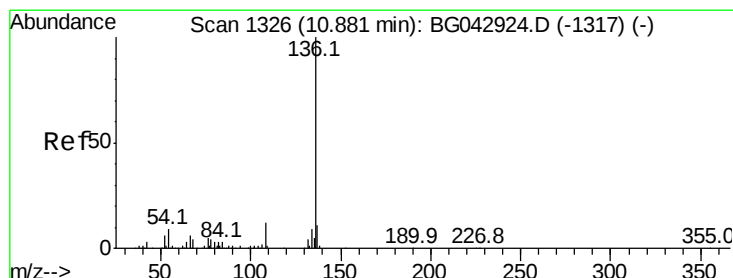
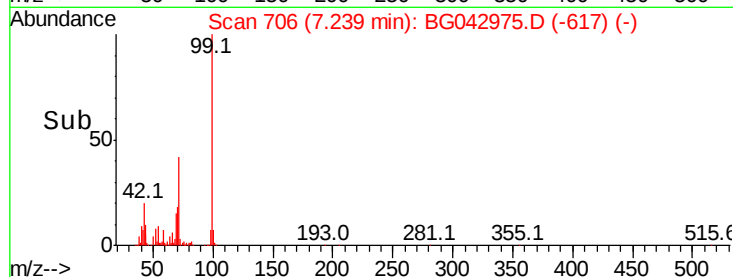
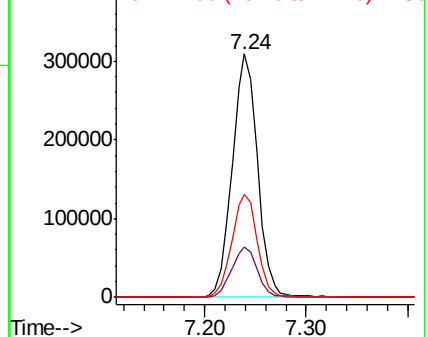
99 100

42 20.5 17.2 25.8

71 42.1 33.1 49.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG042975.D

Acq: 1 Oct 2019 20:17

Tgt Ion: 136 Resp: 254515

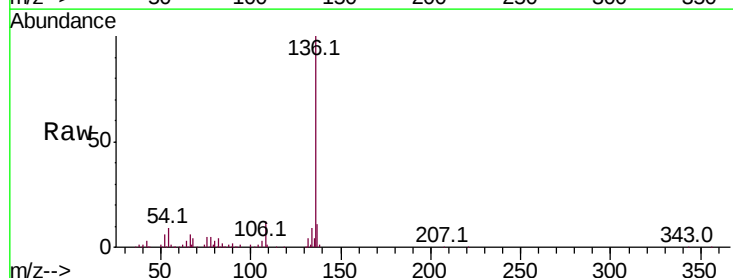
Ion Ratio Lower Upper

136 100

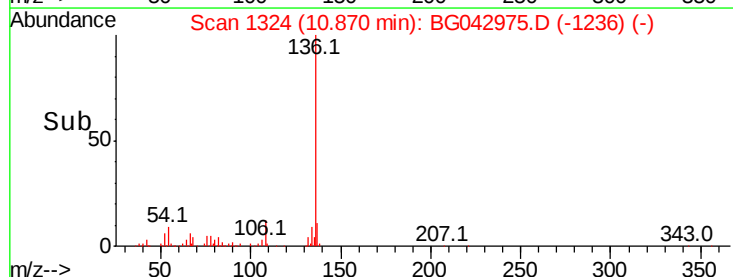
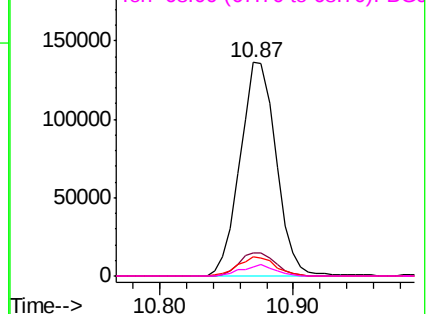
137 10.7 8.5 12.7

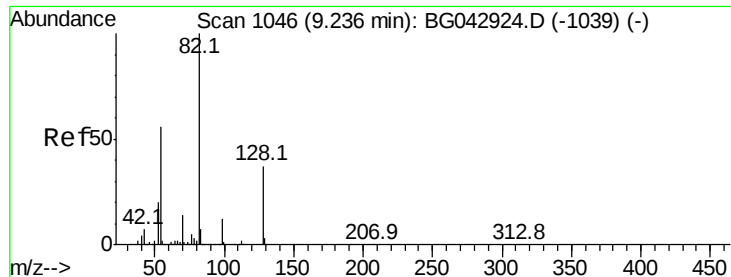
54 9.2 7.4 11.2

68 4.2 3.6 5.4



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

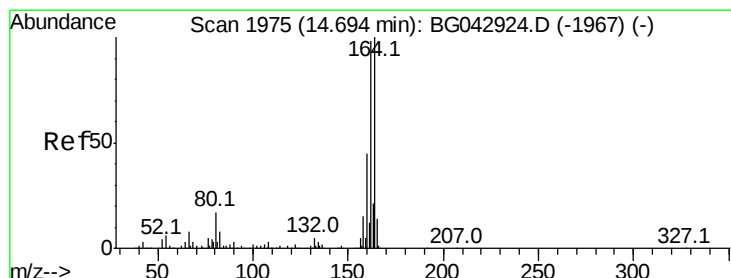
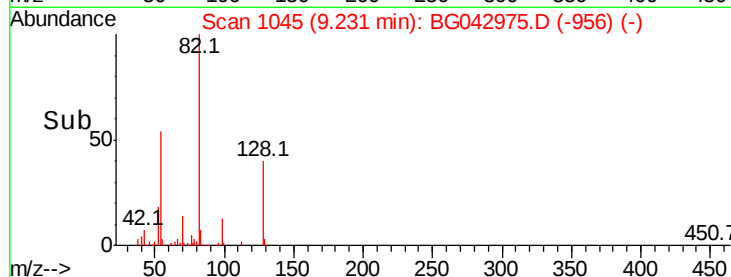
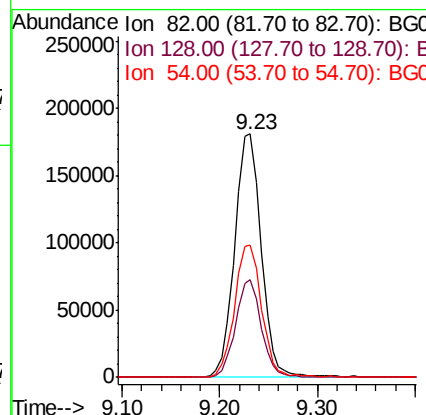
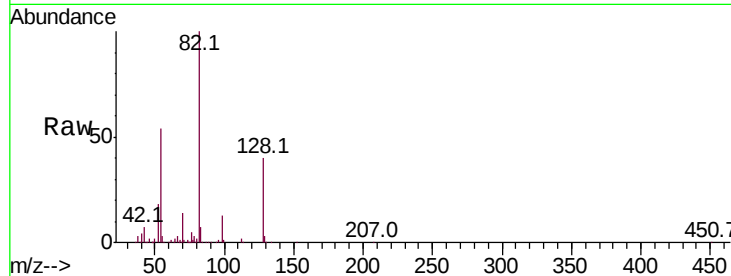




#23
Nitrobenzene-d5
Concen: 65.507 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG042975.D
Acq: 1 Oct 2019 20:17

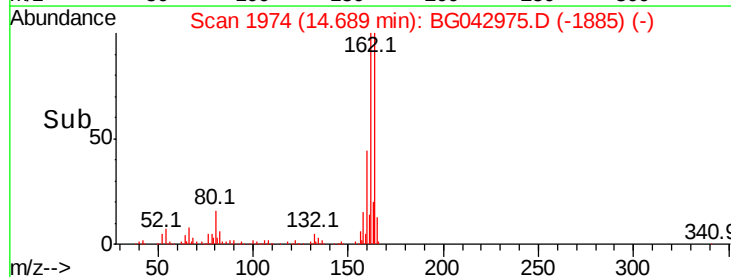
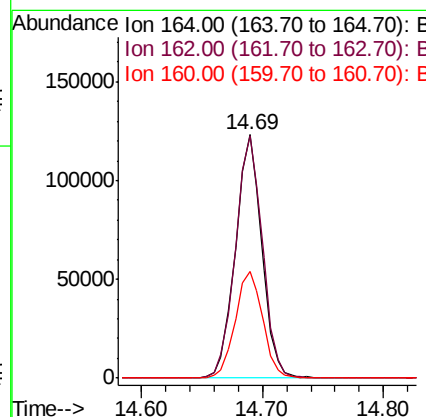
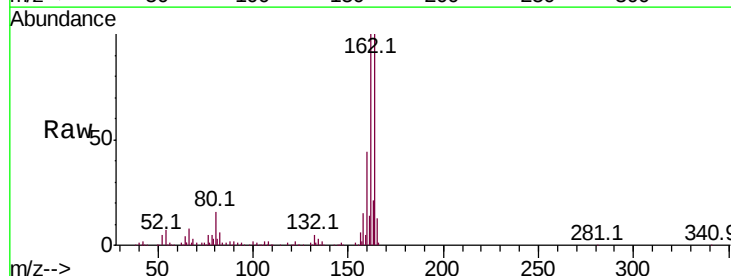
Instrument :
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ClientSampleId :
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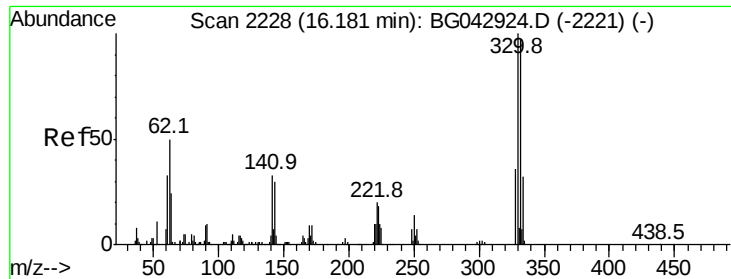
Tot Ion	82	Resp	343019
Ion	Ratio	Lower	Upper
82	100		
128	40.3	29.5	44.3
54	54.2	44.6	67.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG042975.D
Acq: 1 Oct 2019 20:17

Tgt Ion	164	Resp	187156
Ion	Ratio	Lower	Upper
164	100		
162	99.5	78.5	117.7
160	43.7	35.9	53.9





#42

2,4,6-Tribromophenol

Concen: 90.801 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG042975.D

Acq: 1 Oct 2019 20:17

Instrument :

BNA_G

ClientSampleId :

MC-17-COMPOSITE

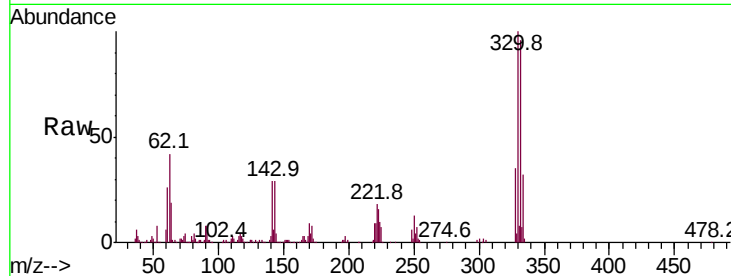
Tot Ion:330 Resp: 292222

Ion Ratio Lower Upper

330 100

332 96.3 78.2 117.2

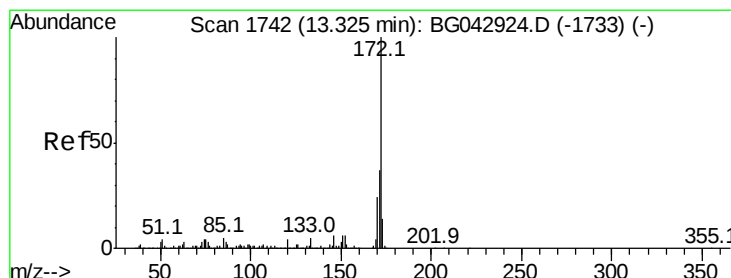
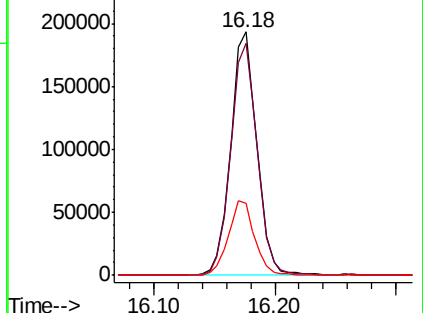
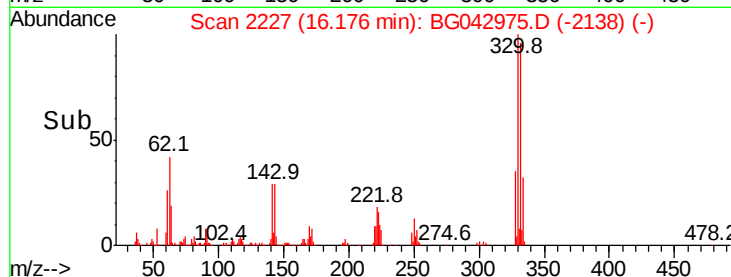
141 30.6 26.0 39.0



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: 58.876 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG042975.D

Acq: 1 Oct 2019 20:17

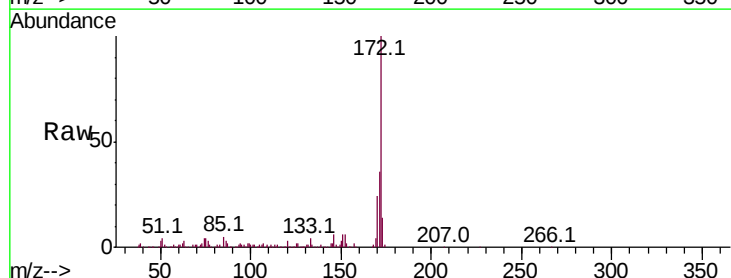
Tgt Ion:172 Resp: 760093

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

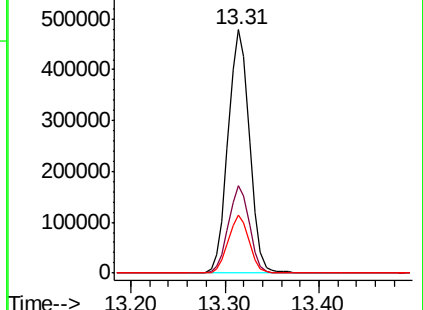
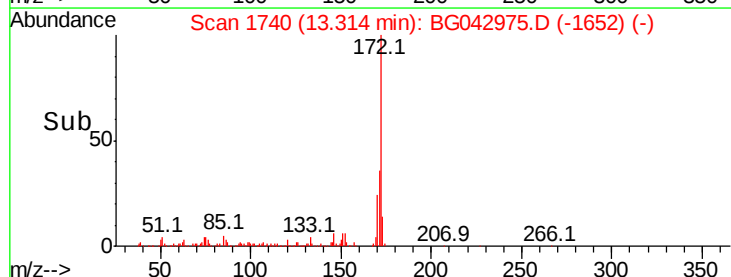
170 23.7 19.6 29.4

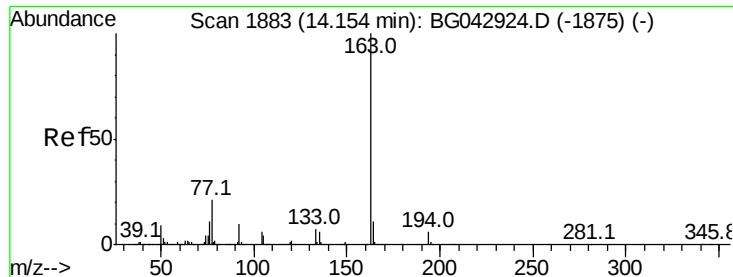


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

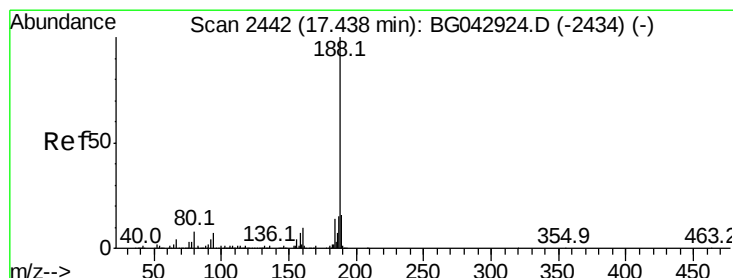
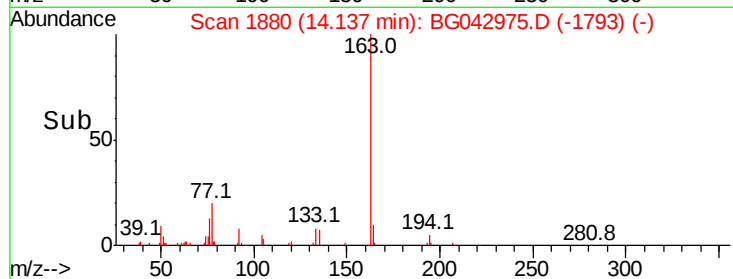
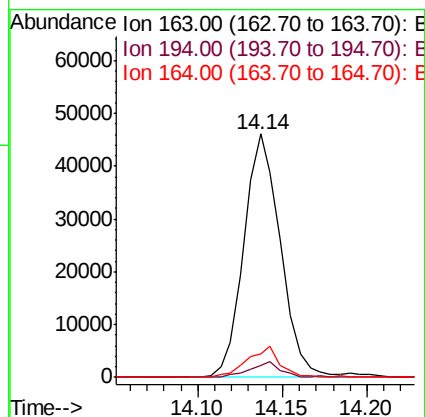
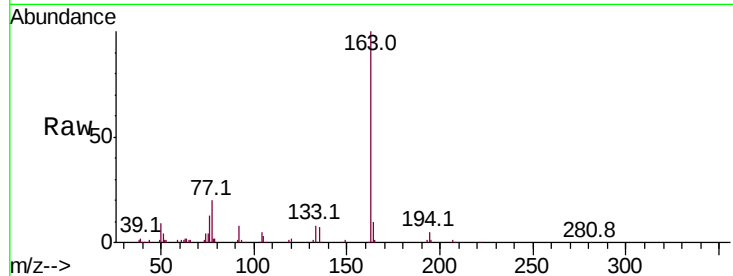




#50
Dimethylphthalate
Concen: 4.954 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG042975.D
Acq: 1 Oct 2019 20:17

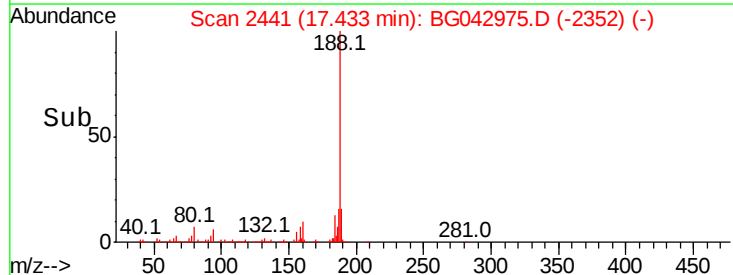
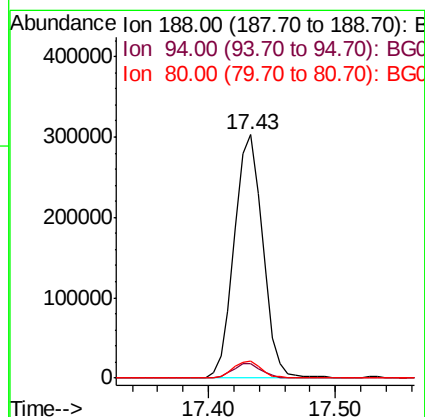
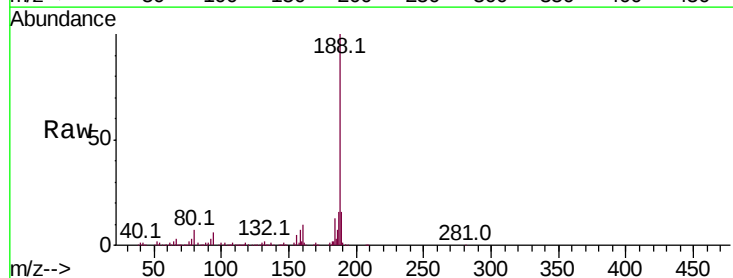
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MC-17-COMPOSITE

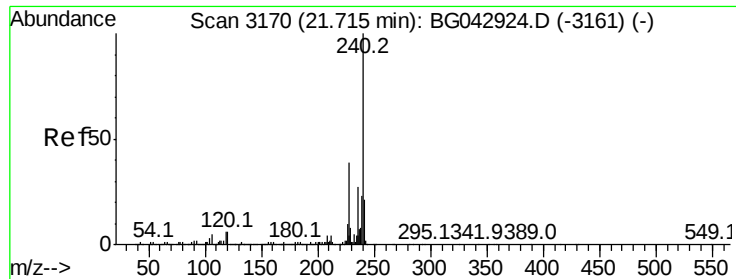
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.4	6.6
164	9.6	8.6	12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG042975.D
Acq: 1 Oct 2019 20:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.7	8.5
80	6.8	6.5	9.7

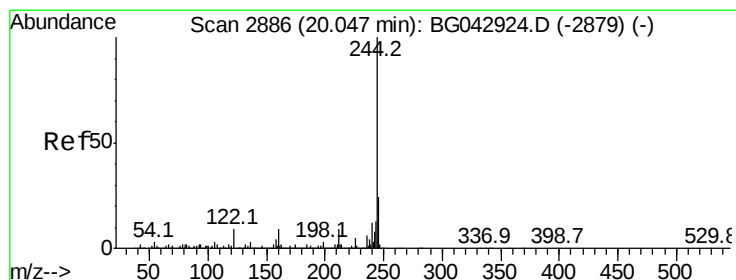
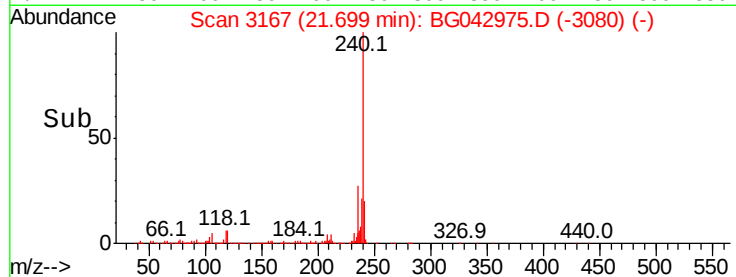
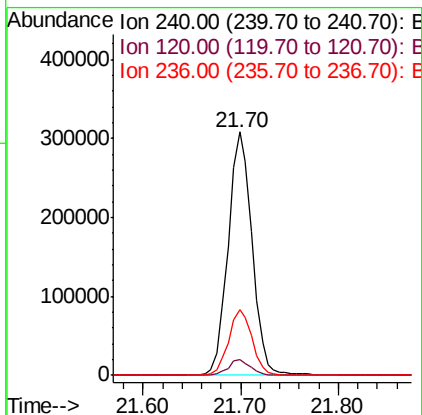
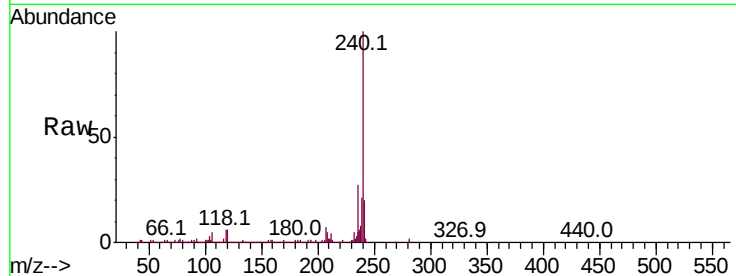




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.02 min
 Lab File: BG042975.D
 Acq: 1 Oct 2019 20:17

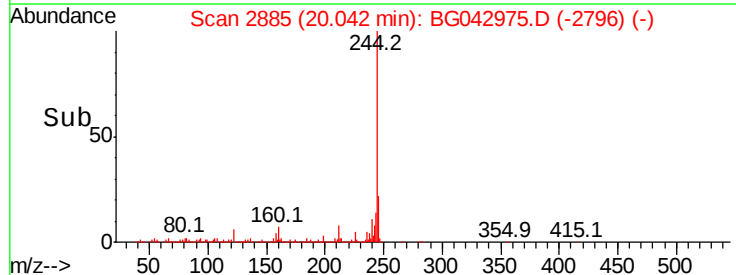
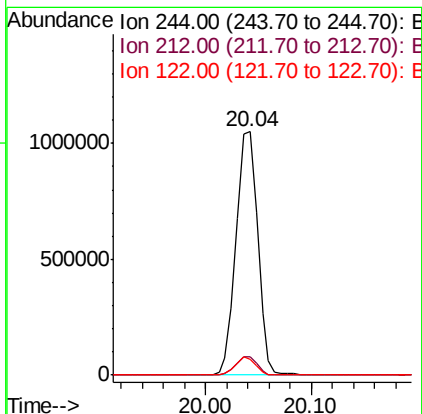
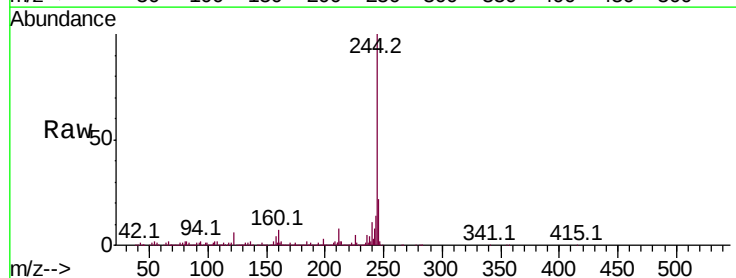
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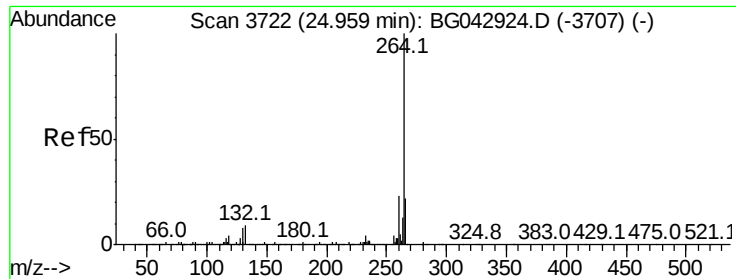
Tot Ion:240 Resp: 524450
 Ion Ratio Lower Upper
 240 100
 120 6.3 4.8 7.2
 236 27.0 21.4 32.0



#79
 Terphenyl-d14
 Concen: 60.616 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: BG042975.D
 Acq: 1 Oct 2019 20:17

Tgt Ion:244 Resp: 1491867
 Ion Ratio Lower Upper
 244 100
 212 7.5 7.4 11.0
 122 6.4 7.0 10.4#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.03 min
Lab File: BG042975.D
Acq: 1 Oct 2019 20:17

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITE

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.7	28.1
265	22.1	17.7	26.5

