

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042994.D
 Acq On : 2 Oct 2019 21:01
 Operator : JU
 Sample : K5127-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190772-SS-COMPOSITE-12

Quant Time: Oct 03 05:37:06 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

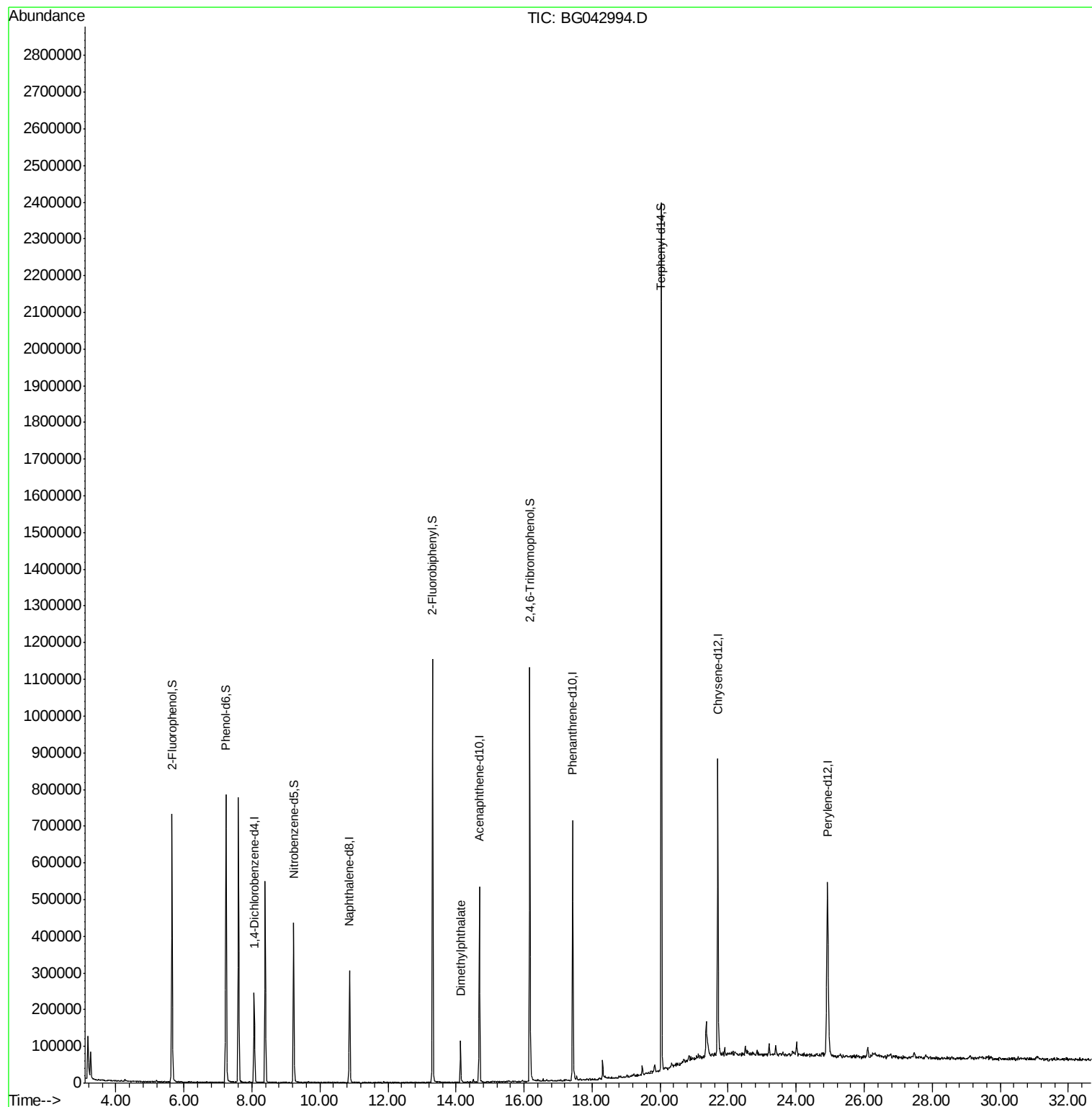
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	68792	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	261379	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	194802	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	458667	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	495293	20.00	ng	-0.02
87) Perylene-d12	24.92	264	582300	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	307836	79.86	ng	0.00
7) Phenol-d6	7.24	99	447819	80.67	ng	0.00
23) Nitrobenzene-d5	9.22	82	277354	51.58	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	248786	74.27	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	630551	46.93	ng	-0.01
79) Terphenyl-d14	20.04	244	1182628	50.88	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.14	163	74731	5.120	ng	Qvalue # 98

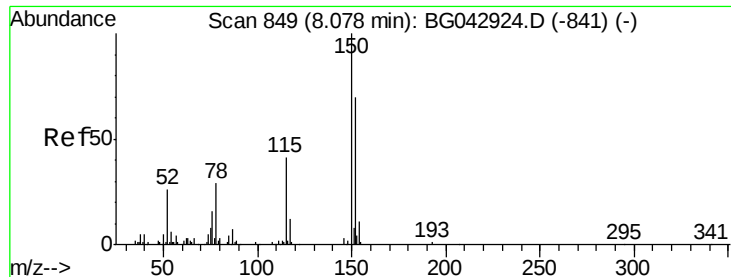
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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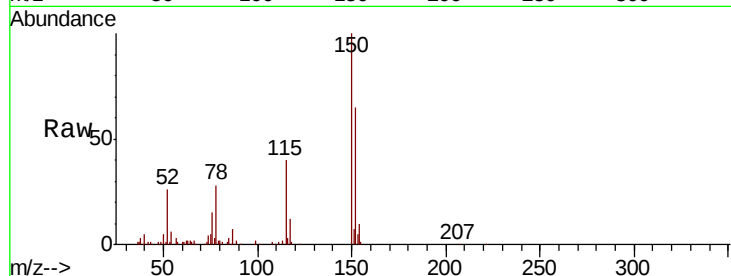


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Instrument :
BNA_G
ClientSampleId :
20190772-SS-COMPOSITE-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	115.0	172.4
115	60.9	47.0	70.6

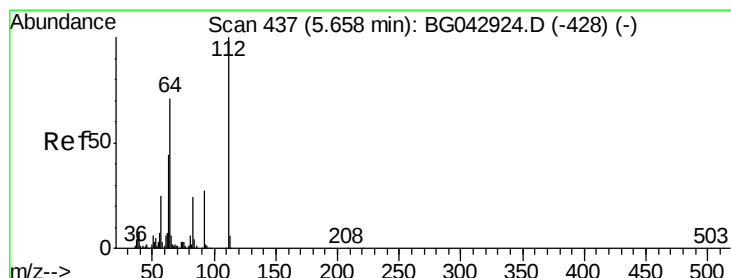
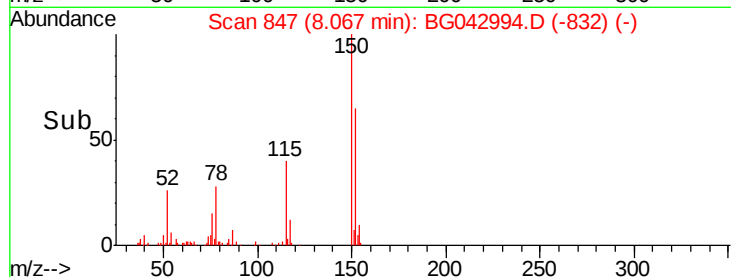
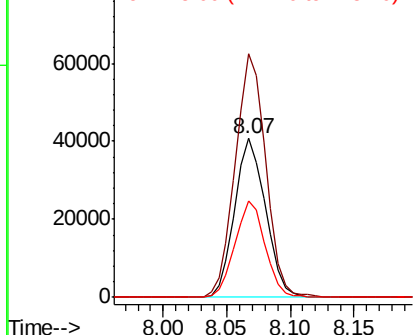


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

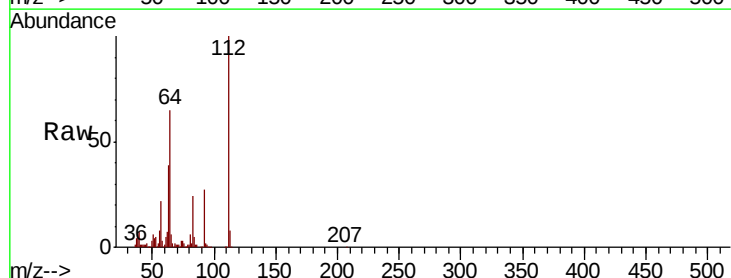
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.860 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	56.6	84.8
63	39.5	35.1	52.7

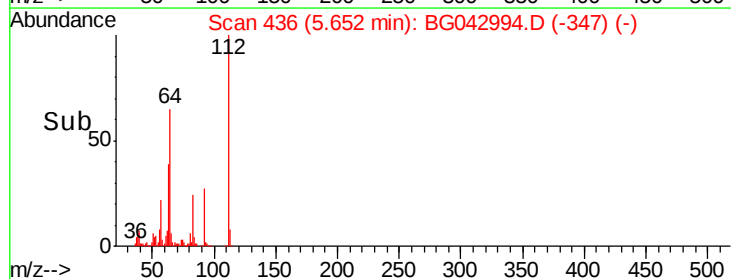
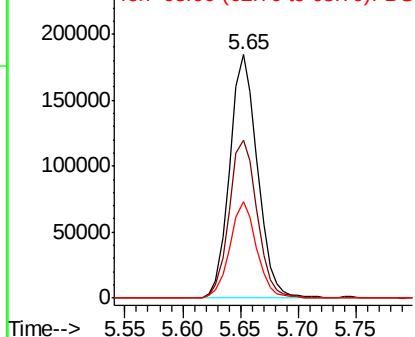


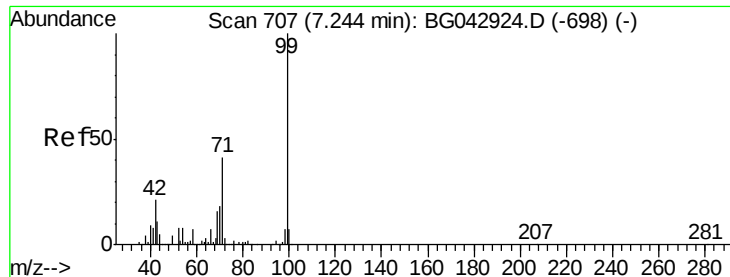
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 80.673 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG042994.D

Acq: 2 Oct 2019 21:01

Instrument :

BNA_G

ClientSampleId :

20190772-SS-COMPOSITE-12

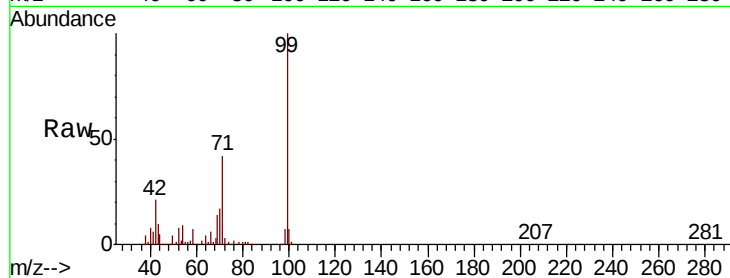
Tot Ion: 99 Resp: 447819

Ion Ratio Lower Upper

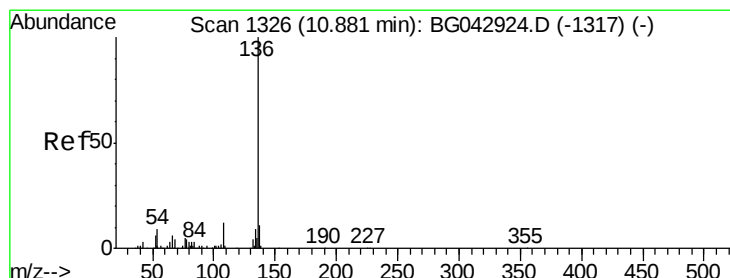
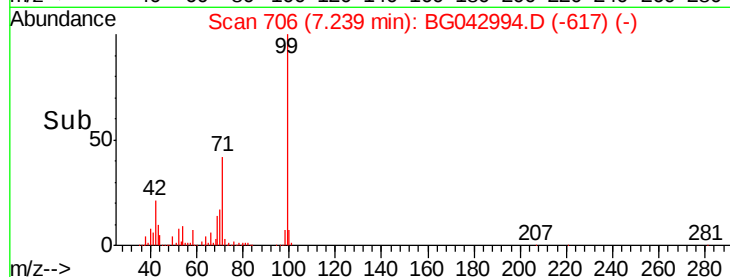
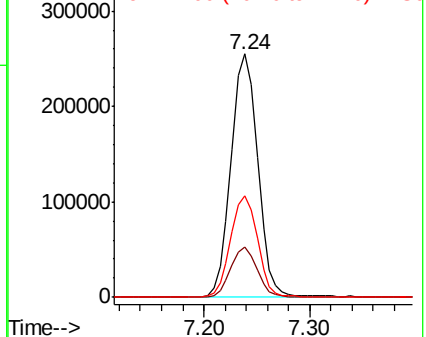
99 100

42 20.9 17.2 25.8

71 41.9 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: BG042994.D

Acq: 2 Oct 2019 21:01

Tgt Ion: 136 Resp: 261379

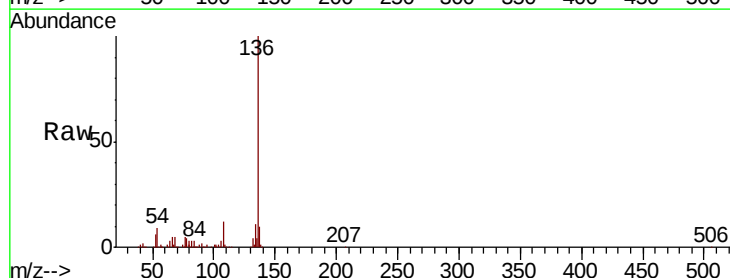
Ion Ratio Lower Upper

136 100

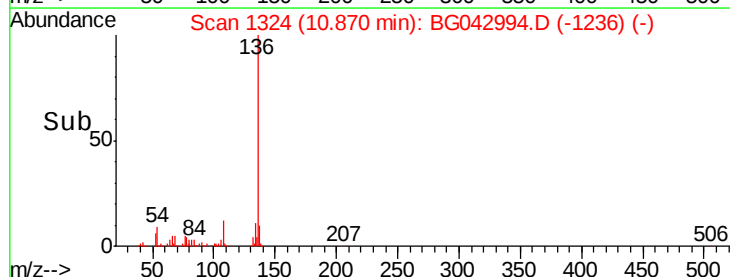
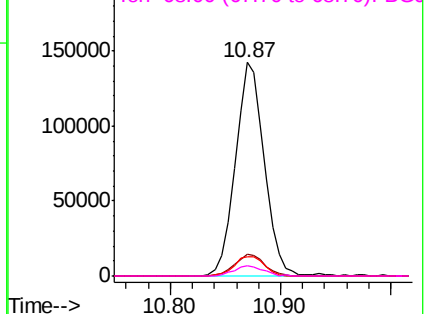
137 10.4 8.5 12.7

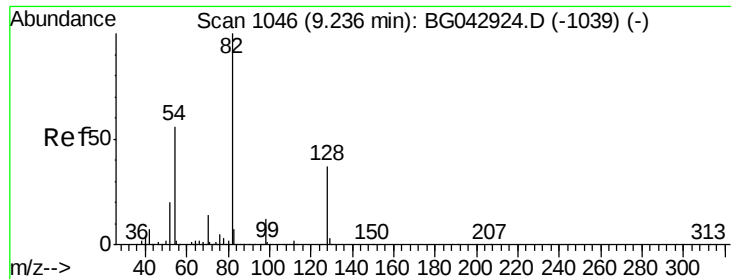
54 8.8 7.4 11.2

68 4.9 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

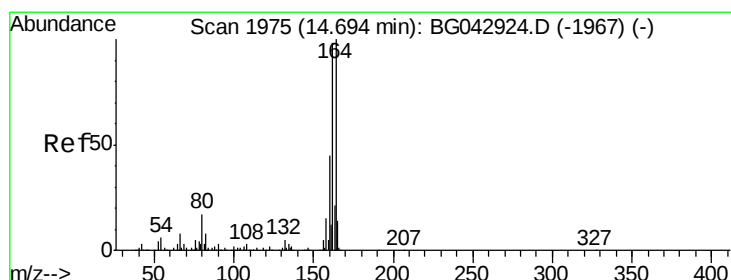
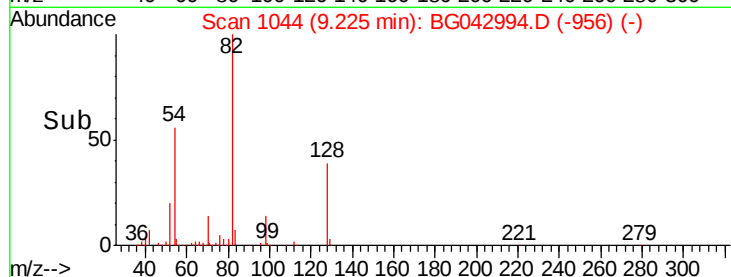
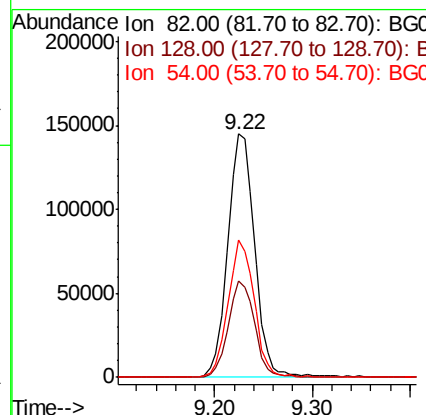
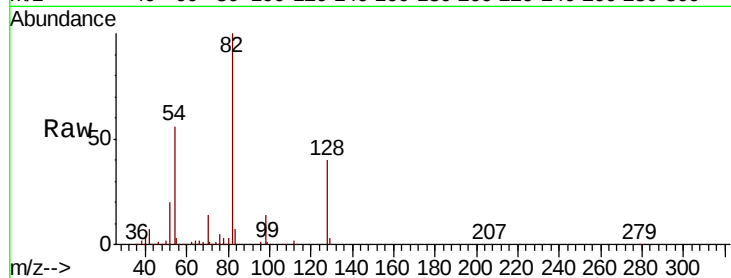




#23
Nitrobenzene-d5
Concen: 51.576 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

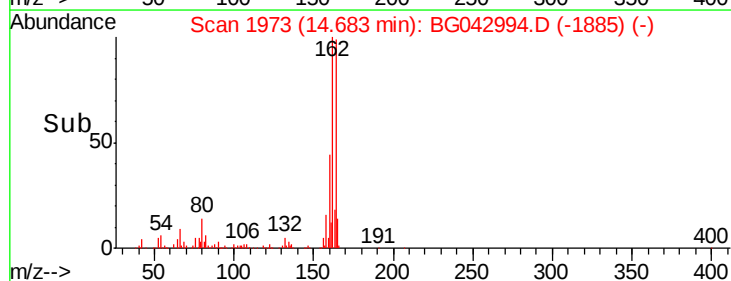
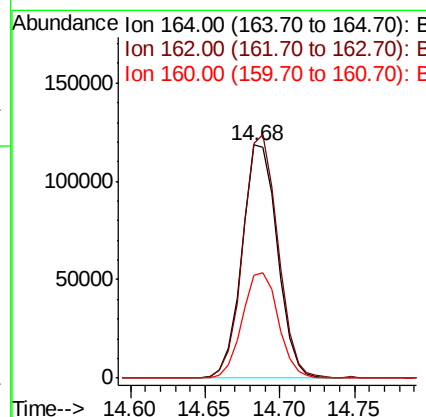
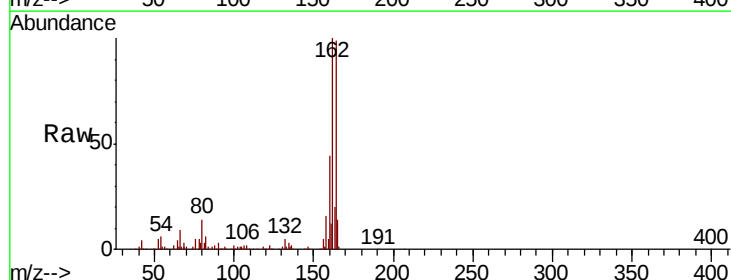
Instrument :
BNA_G
ClientSampleId :
20190772-SS-COMPOSITE-12

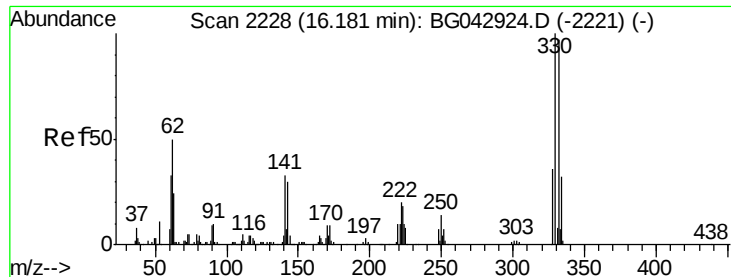
Tot Ion	82	Resp	277354
Ion Ratio	Lower	Upper	
82	100		
128	39.5	29.5	44.3
54	56.4	44.6	67.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Tgt Ion	164	Resp	194802
Ion Ratio	Lower	Upper	
164	100		
162	101.0	78.5	117.7
160	44.3	35.9	53.9

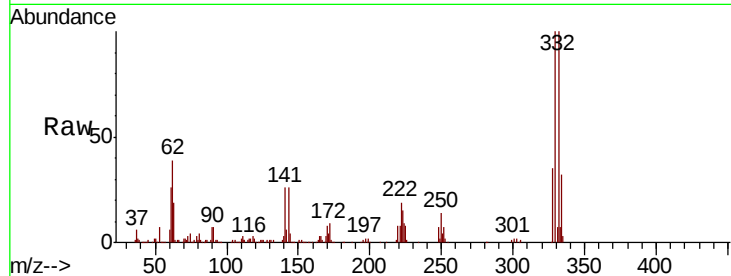




#42
2,4,6-Tribromophenol
Concen: 74.270 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Instrument :
BNA_G
ClientSampleId :
20190772-SS-COMPOSITE-12

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.2	117.2
141	30.0	26.0	39.0

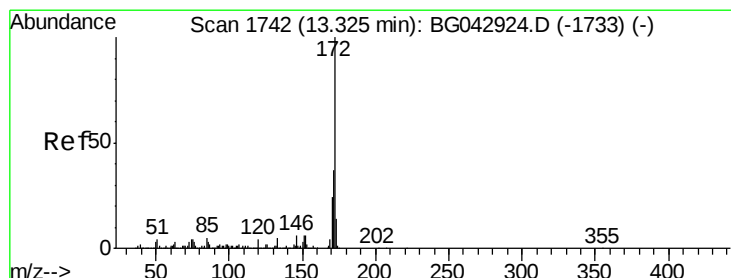
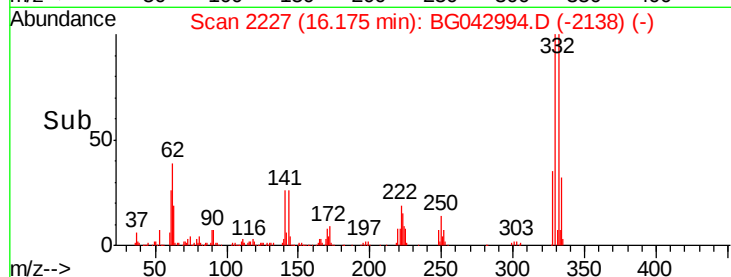
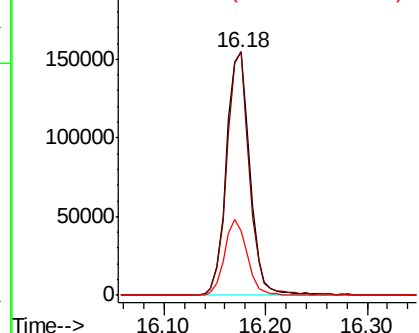


Abundance

Ion 329.80 (329.50 to 330.50): E

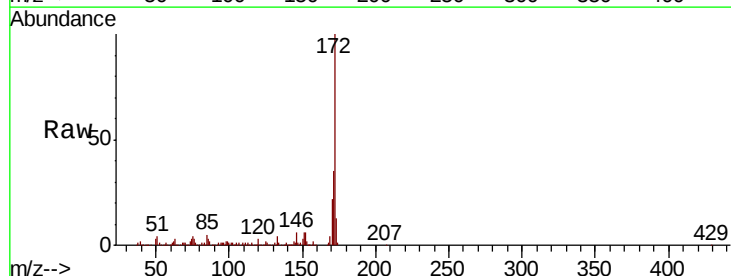
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 46.925 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	22.1	19.6	29.4

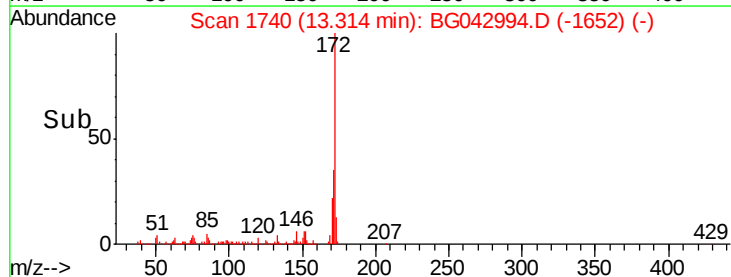
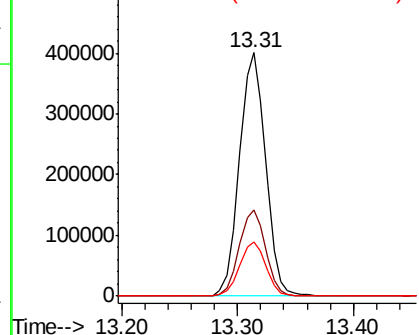


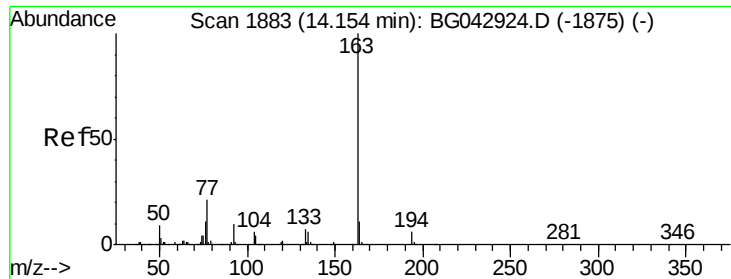
Abundance

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

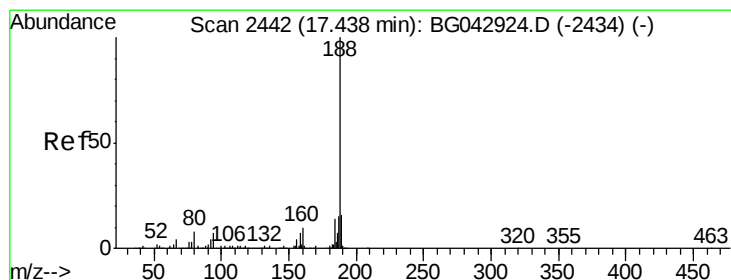
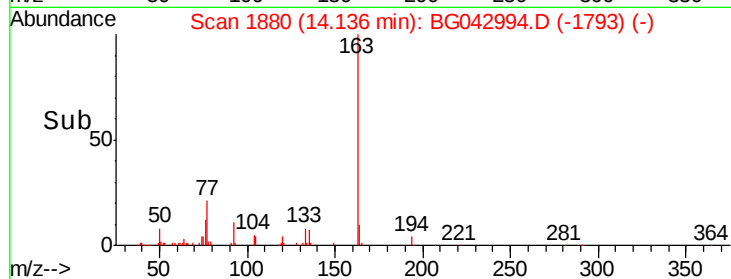
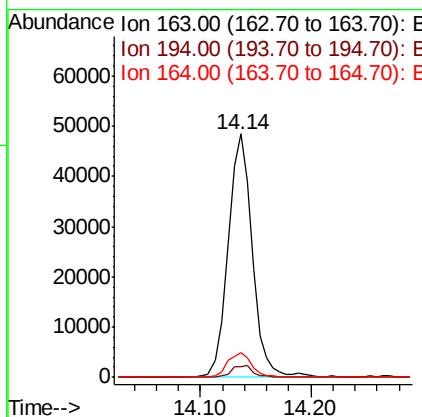
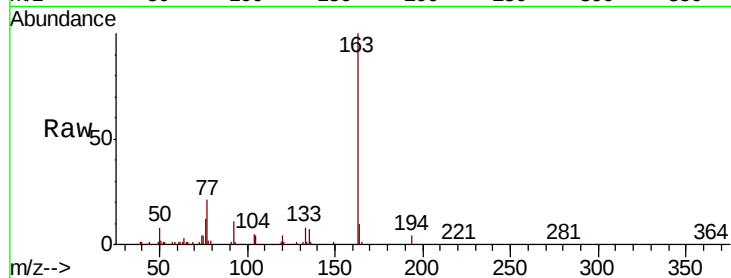




#50
Dimethylphthalate
Concen: 5.120 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

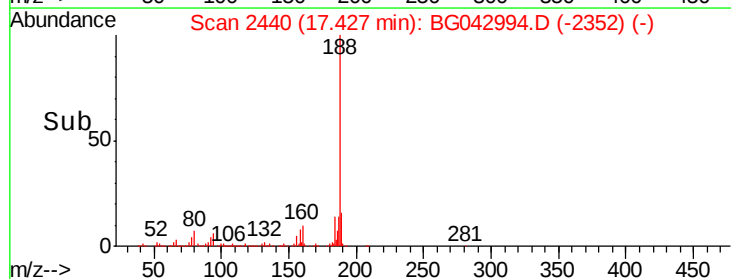
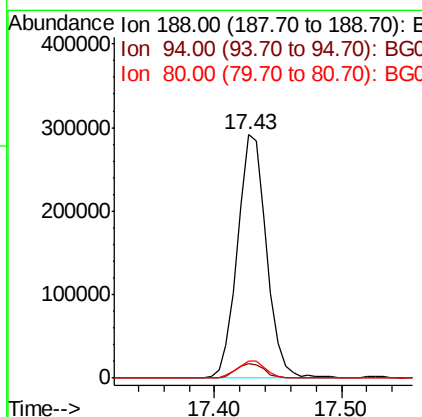
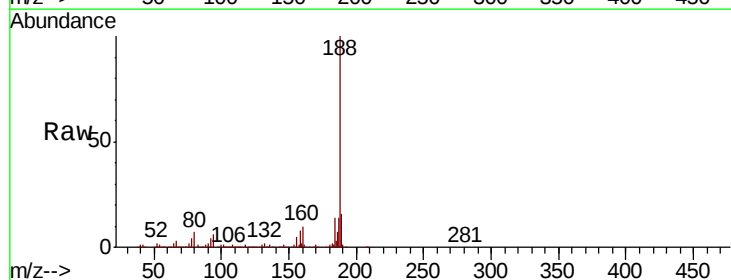
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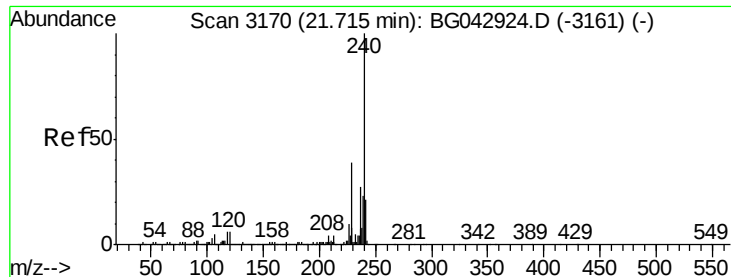
Tot Ion:163 Resp: 74731
Ion Ratio Lower Upper
163 100
194 4.1 4.4 6.6#
164 10.3 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Tgt Ion:188 Resp: 458667
Ion Ratio Lower Upper
188 100
94 6.1 5.7 8.5
80 7.2 6.5 9.7

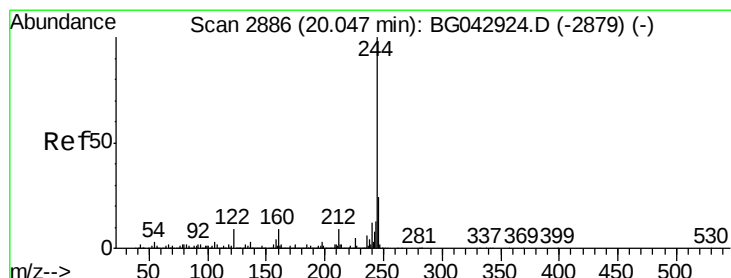
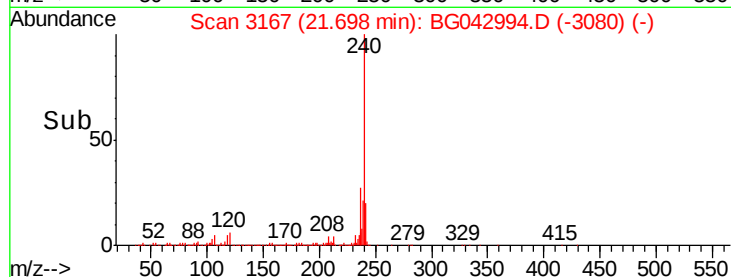
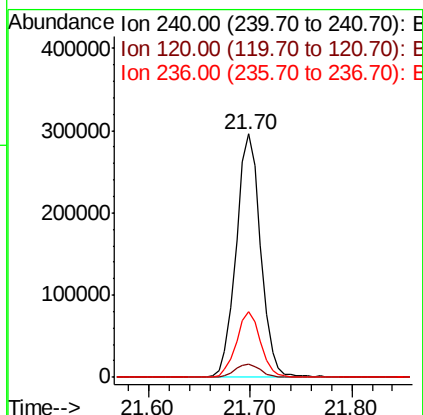
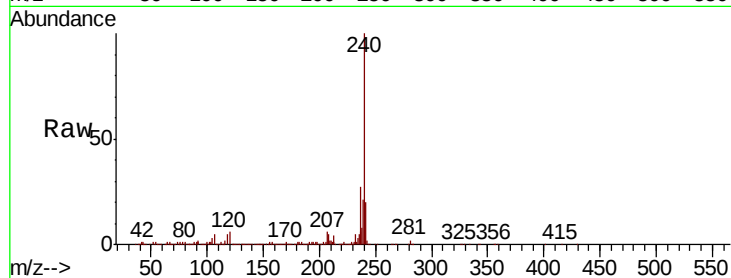




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

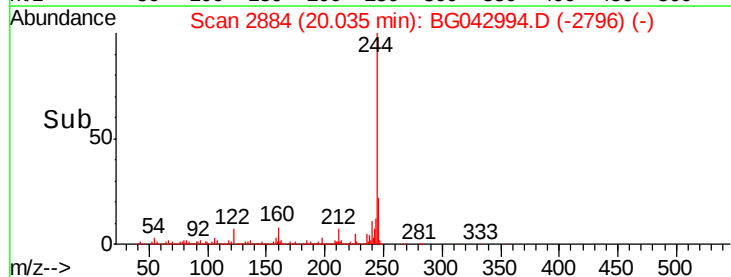
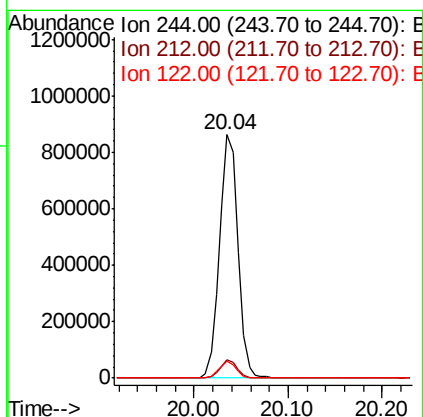
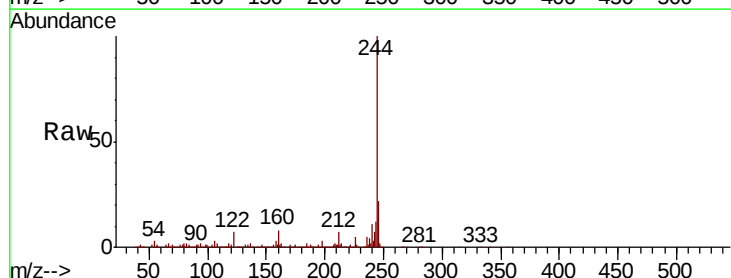
Instrument :
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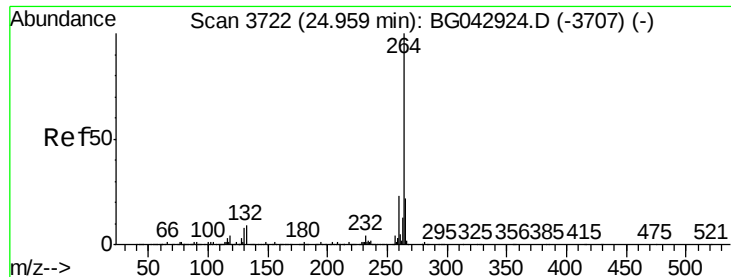
Tot Ion:240 Resp: 495293
Ion Ratio Lower Upper
240 100
120 5.6 4.8 7.2
236 27.1 21.4 32.0



#79
Terphenyl-d14
Concen: 50.880 ng
RT: 20.04 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Tgt Ion:244 Resp: 1182628
Ion Ratio Lower Upper
244 100
212 7.3 7.4 11.0#
122 7.1 7.0 10.4

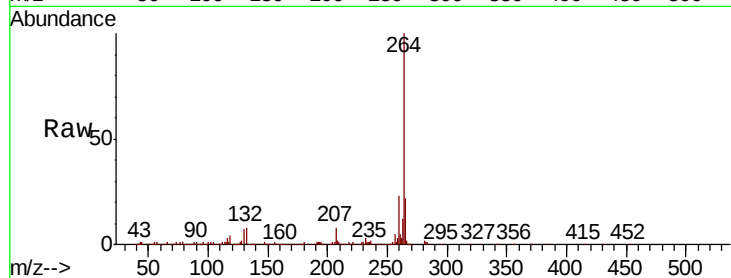




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3716
 Delta R.T. -0.03 min
 Lab File: BG042994.D
 Acq: 2 Oct 2019 21:01

Instrument :
 BNA_G
 ClientSampleId :
 20190772-SS-COMPOSITE-12

Tot Ion:	264	Resp:	582300
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.9	17.7	26.5



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

