

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
 Data File : BG045004.D
 Acq On : 16 Apr 2020 5:33
 Operator : CG/JU
 Sample : L2281-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-35-36-43-44

Manual Integrations
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Quant Time: Apr 16 06:11:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	66505	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	280664	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	226785	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	578148	20.00	ng	0.00
76) Chrysene-d12	21.66	240	569918	20.00	ng	0.00
87) Perylene-d12	24.85	264	610304	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	552099	137.06	ng	0.00
7) Phenol-d6	7.18	99	759647	126.92	ng	0.00
23) Nitrobenzene-d5	9.18	82	615630	100.09	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	572921	163.53	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1532243	99.07	ng	0.00
79) Terphenyl-d14	20.01	244	2734377	104.57	ng	0.00
Target Compounds						
32) Benzoic acid	10.07	122	10574m	9.008	ng	Qvalue

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

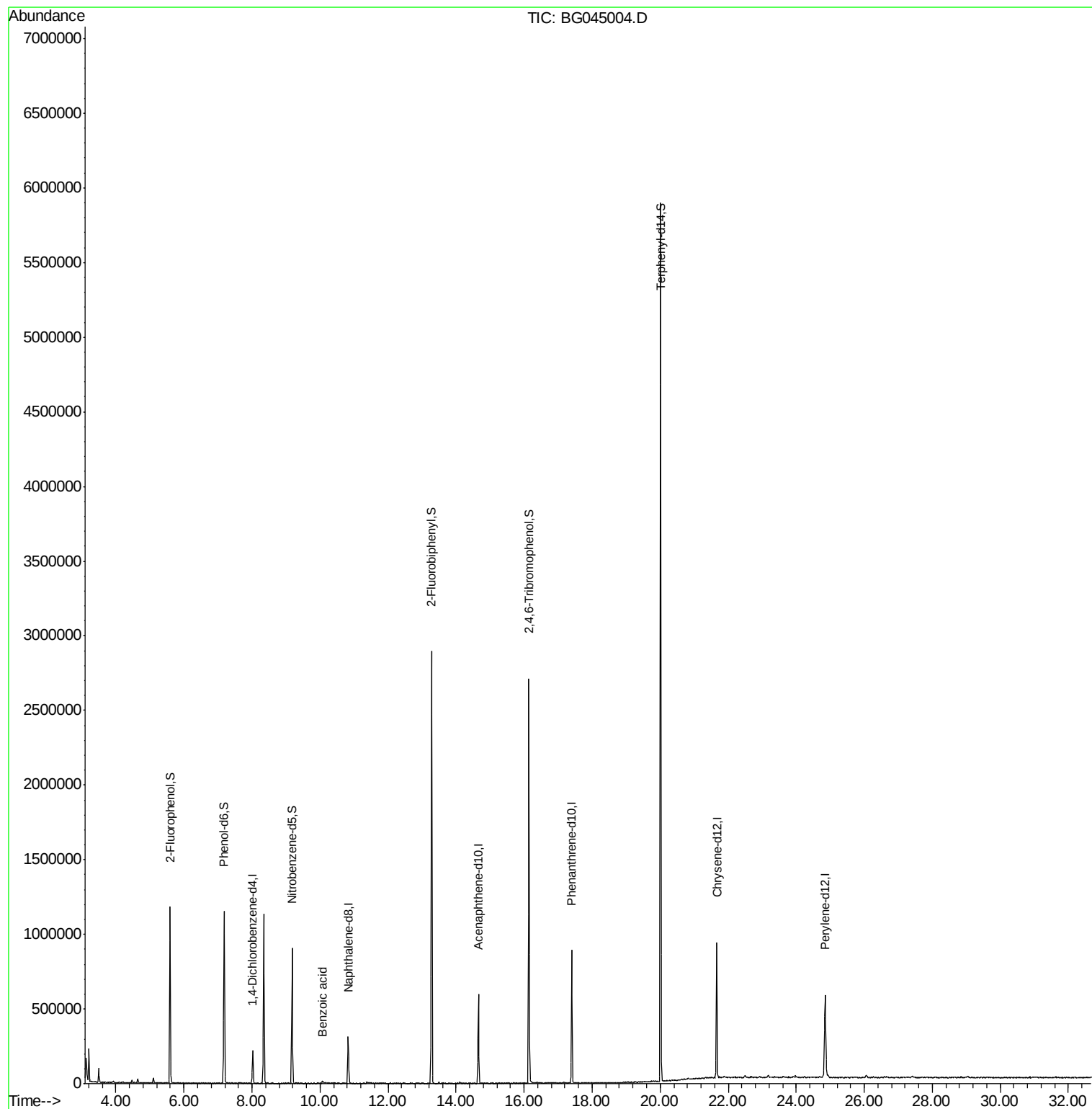
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG045004.D
Acq On : 16 Apr 2020 5:33
Operator : CG/JU
Sample : L2281-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

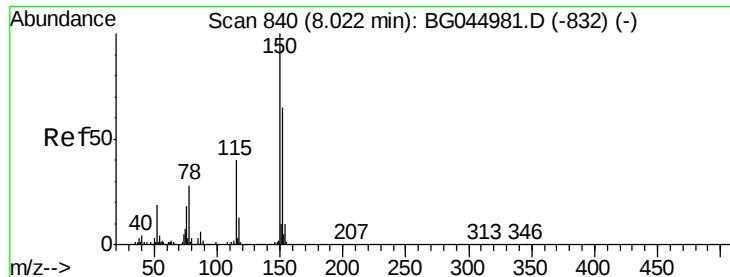
Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
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#1

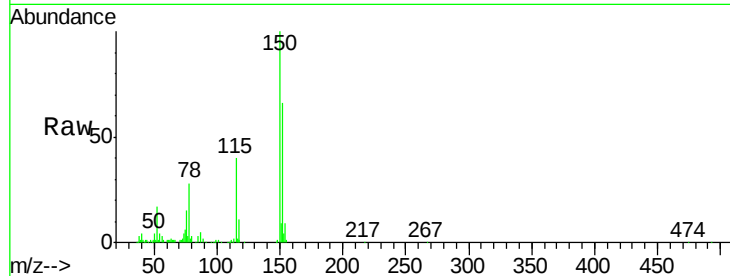
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	123.6	185.4
115	60.8	49.1	73.7

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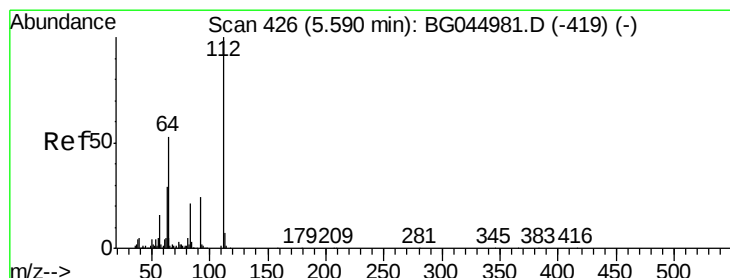
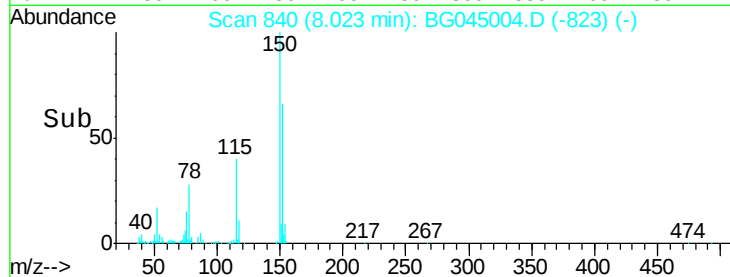
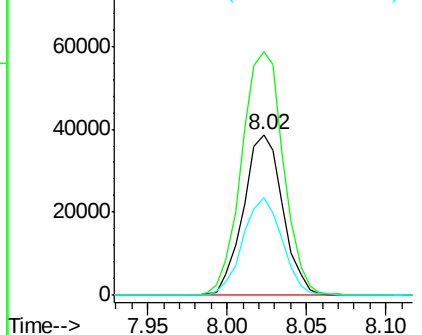


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

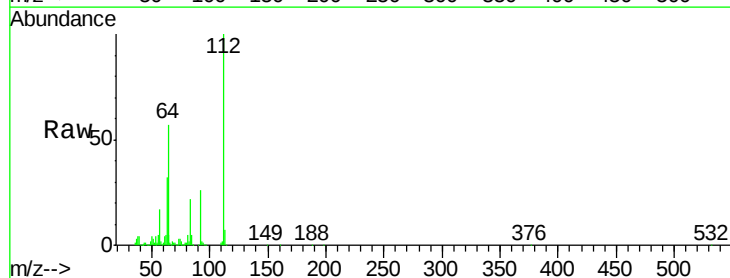
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.055 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	42.4	63.6
63	32.3	23.1	34.7

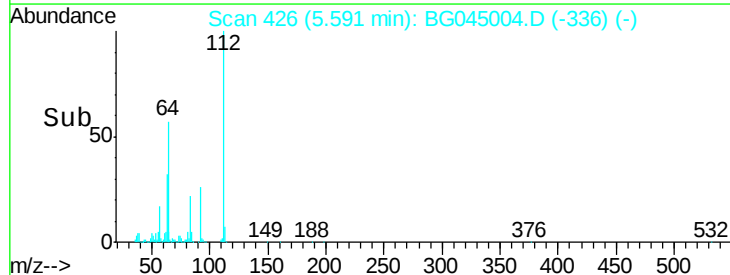
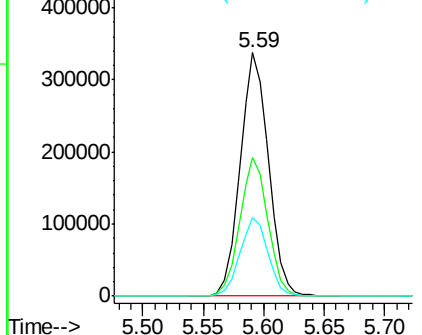


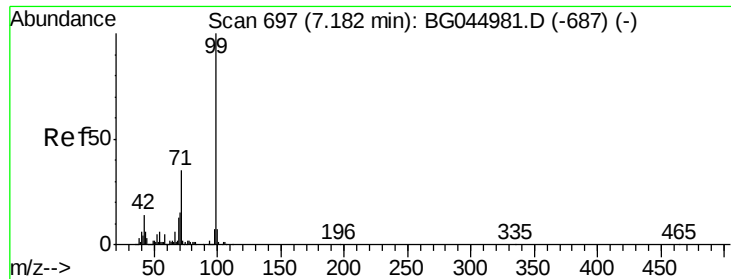
Abundance

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: 126.924 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045004.D

Acq: 16 Apr 2020 5:33

Instrument :

BNA_G

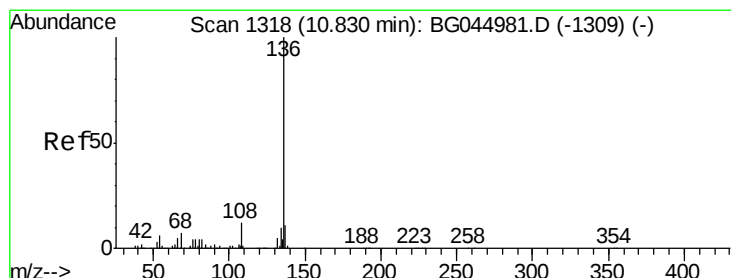
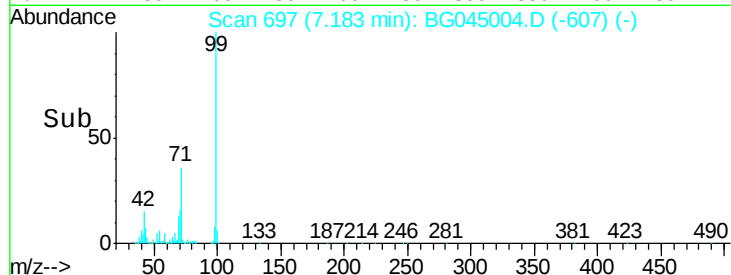
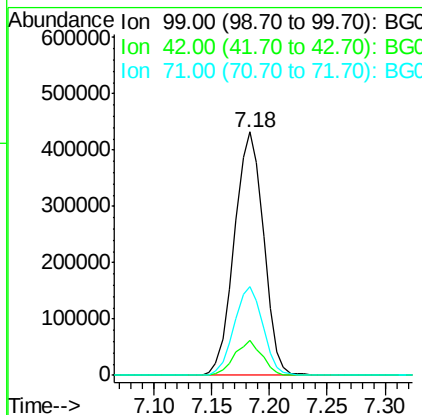
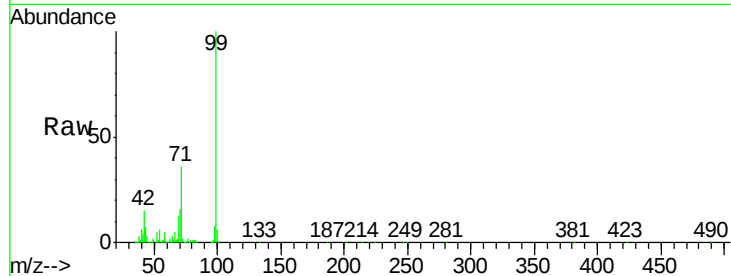
ClientSampleId :

TP-35-36-43-44

Tot Ion:	99	Resp:	759647
Ion Ratio	Lower	Upper	
99	100		
42	14.6	11.3	16.9
71	36.5	28.3	42.5

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#21

Naphthalene-d8

Concen: 20.000 ng

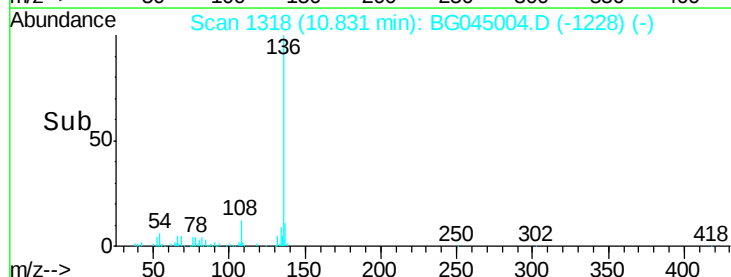
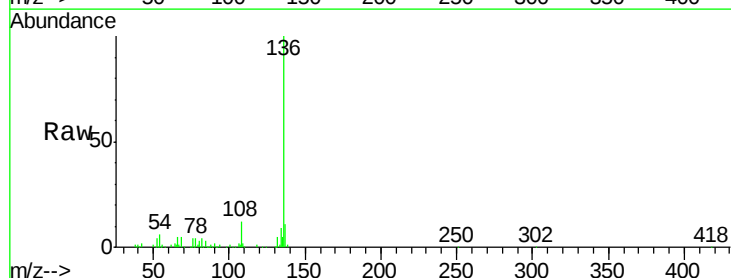
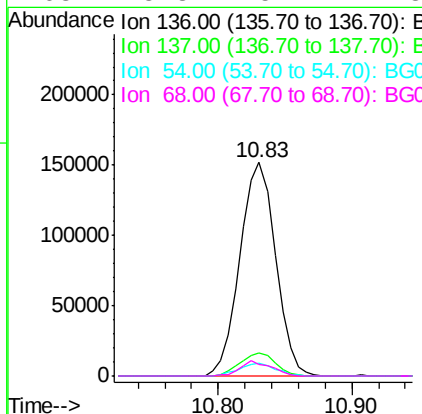
RT: 10.83 min Scan# 1318

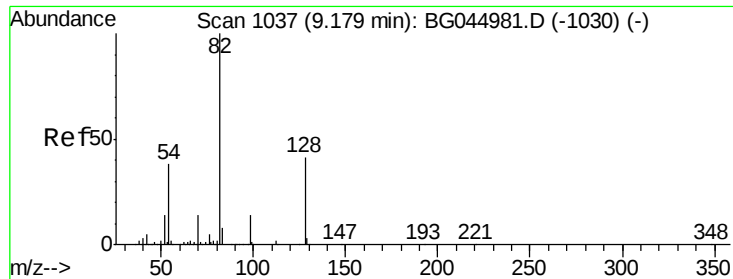
Delta R.T. 0.00 min

Lab File: BG045004.D

Acq: 16 Apr 2020 5:33

Tgt Ion:	136	Resp:	280664
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	5.9	4.8	7.2
68	5.3	5.2	7.8





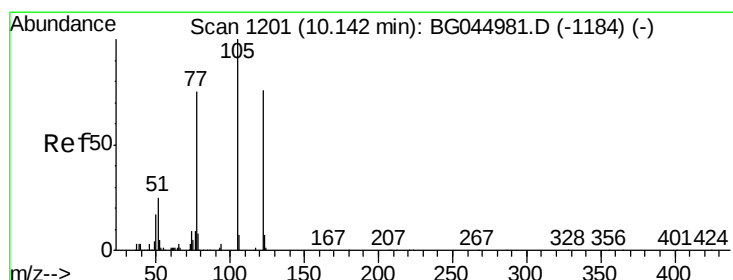
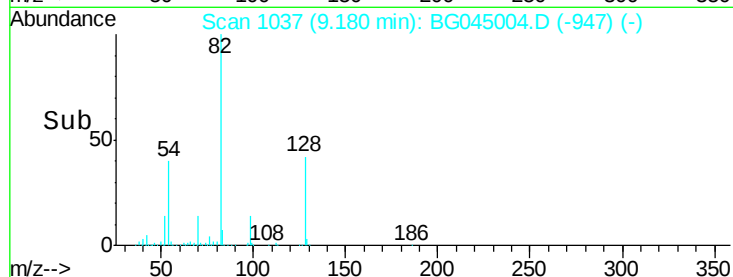
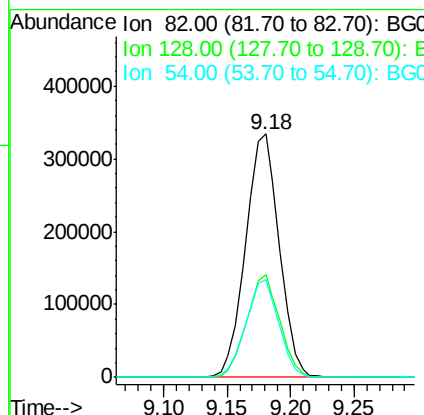
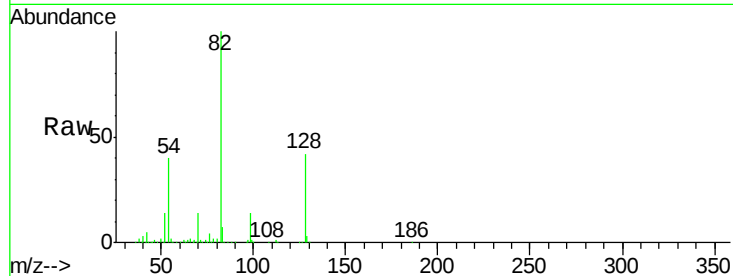
#23
 Nitrobenzene-d5
 Concen: 100.086 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG045004.D
 Acq: 16 Apr 2020 5:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-35-36-43-44

Tot Ion	Ratio	Resp	Lower	Upper
82	100	615630		
128	42.0		33.0	49.4
54	39.9		30.4	45.6

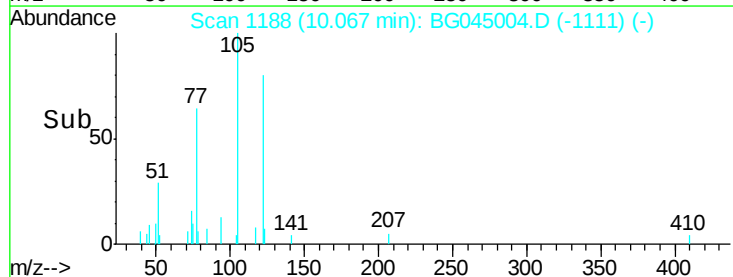
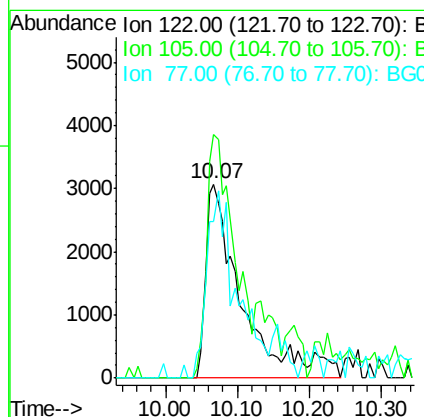
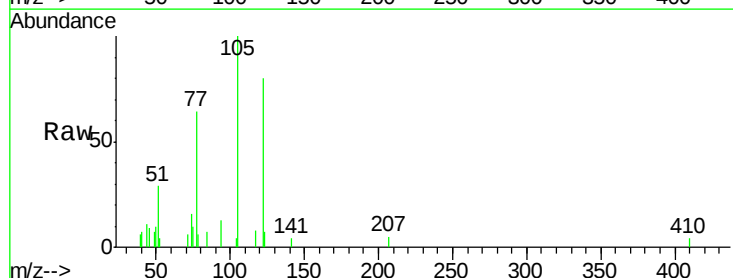
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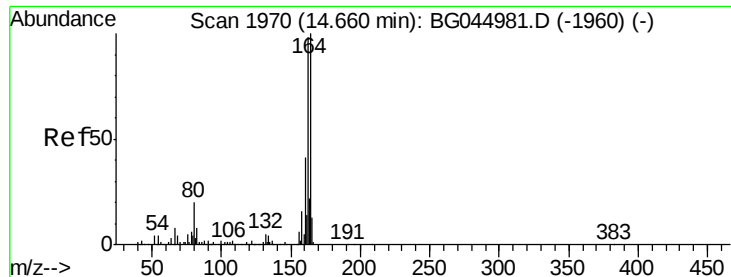
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#32
 Benzoic acid
 Concen: 9.008 ng m
 RT: 10.07 min Scan# 1188
 Delta R.T. -0.07 min
 Lab File: BG045004.D
 Acq: 16 Apr 2020 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	10574		
105	125.4		108.4	148.4
77	80.6		78.8	118.8





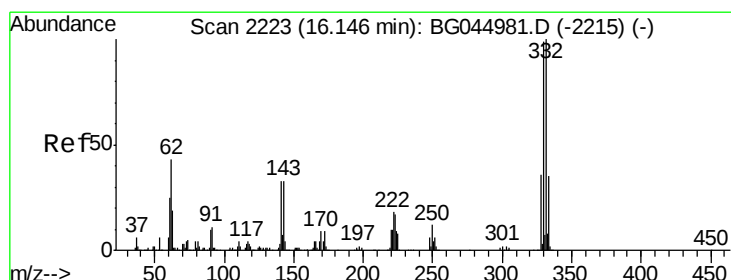
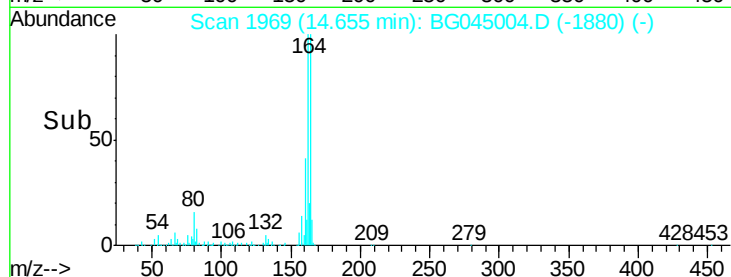
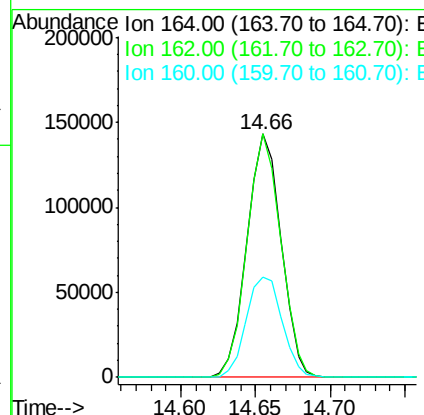
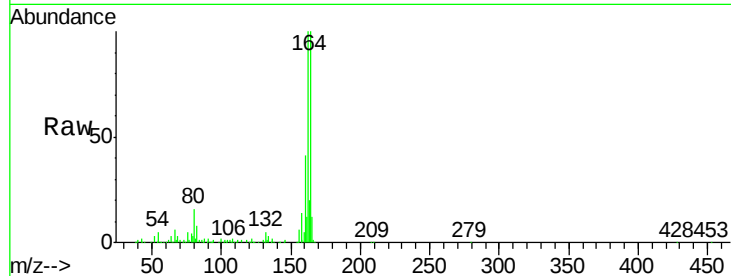
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.7	118.1
160	41.4	32.8	49.2

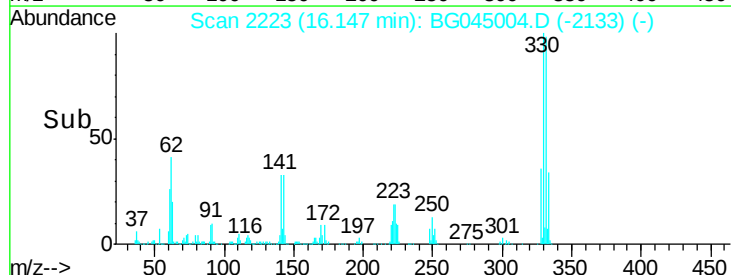
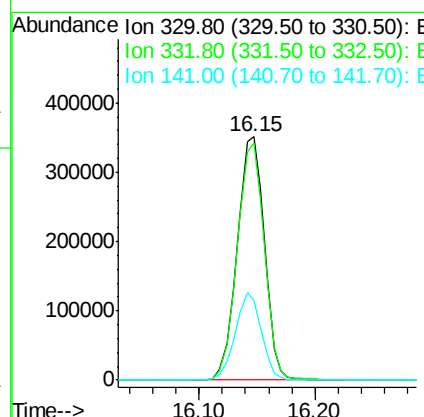
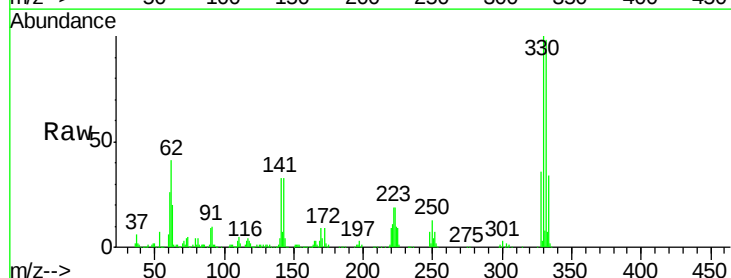
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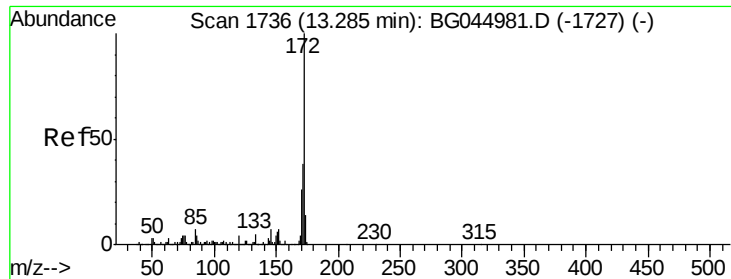
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#42
2,4,6-Tribromophenol
Concen: 163.527 ng
RT: 16.15 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.1	118.7
141	34.5	27.1	40.7





#45
 2-Fluorobiphenyl
 Concen: 99.070 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045004.D
 Acq: 16 Apr 2020 5:33

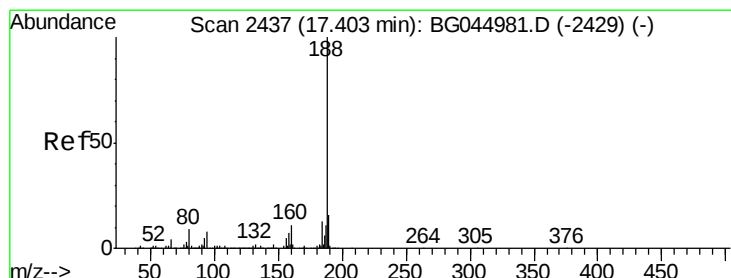
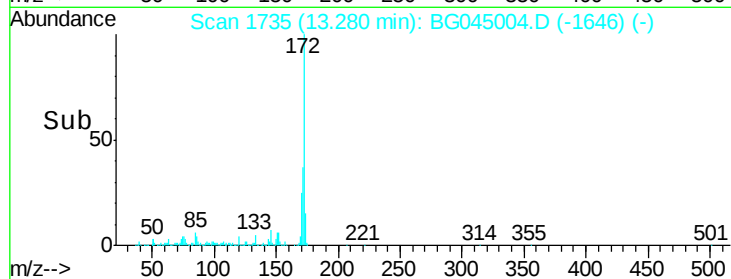
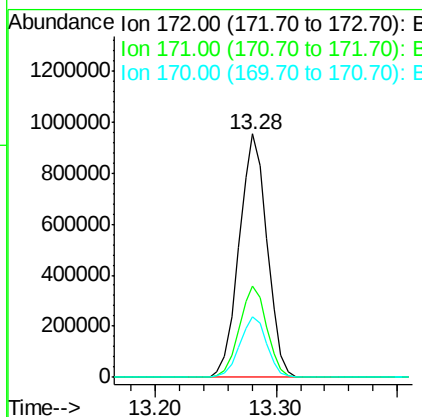
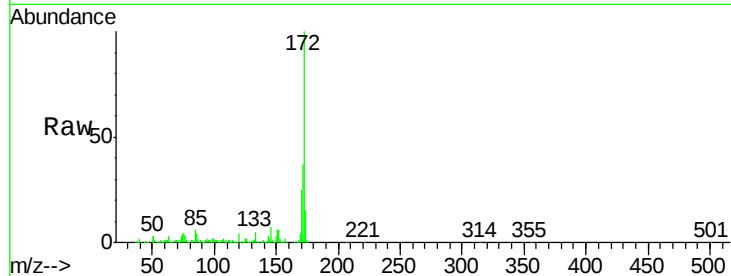
Instrument :
 BNA_G
 ClientSampleId :
 TP-35-36-43-44

Tot Ion:172 Resp: 1532243

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	46.0
170	25.0	20.5	30.7

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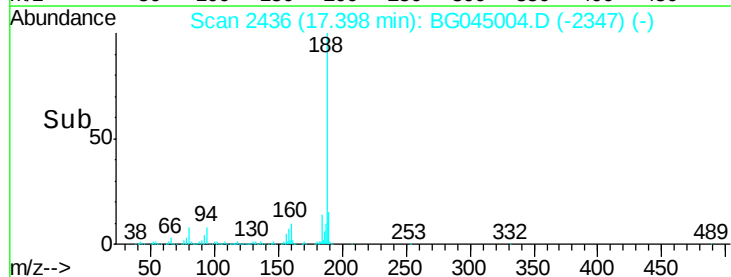
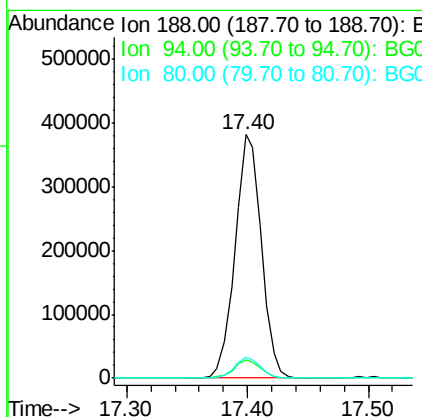
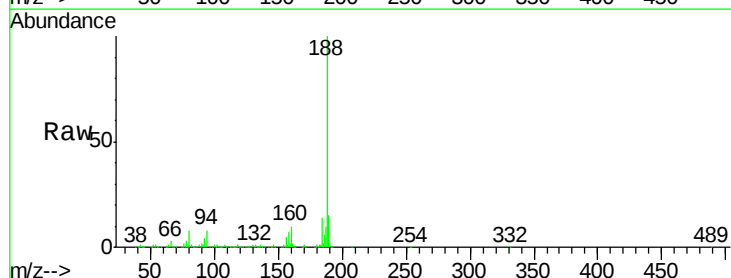
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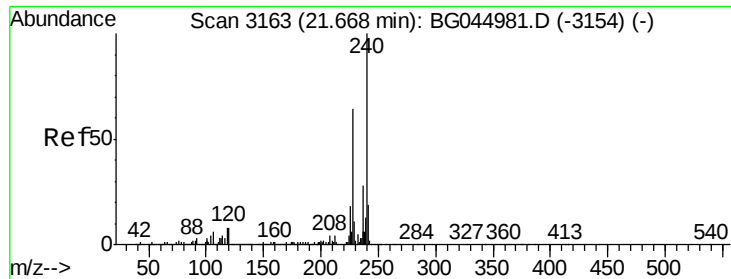


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BG045004.D
 Acq: 16 Apr 2020 5:33

Tgt Ion:188 Resp: 578148

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.2	9.4
80	8.4	7.0	10.6





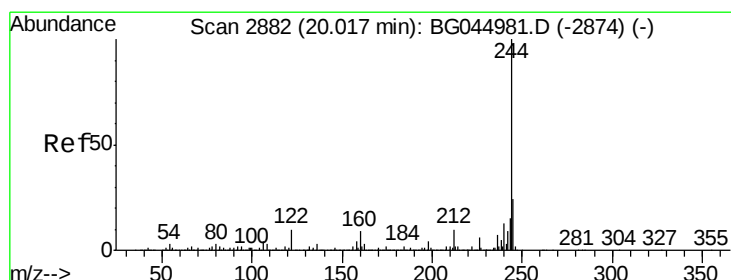
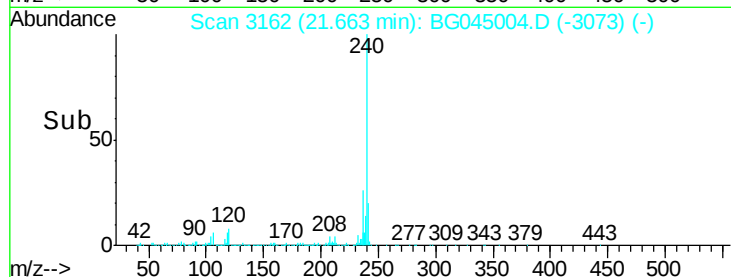
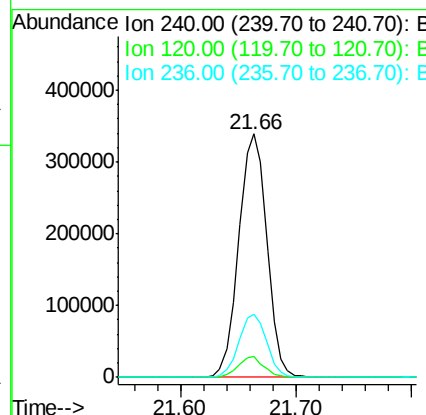
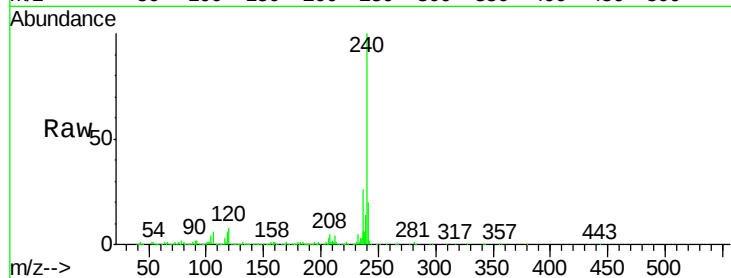
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.6	10.0
236	26.1	22.2	33.2

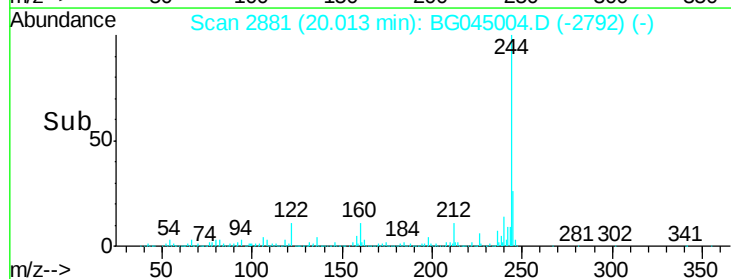
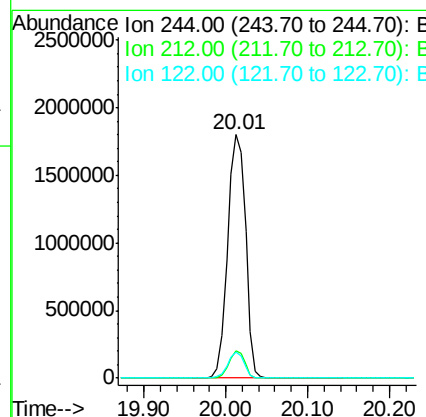
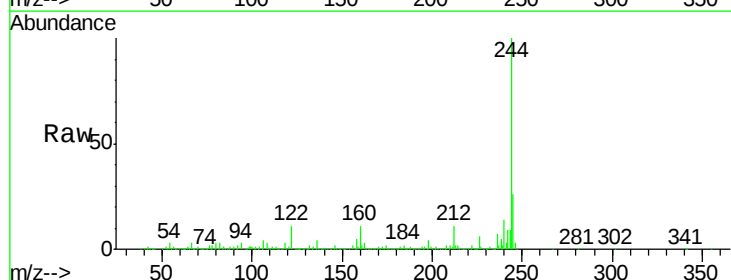
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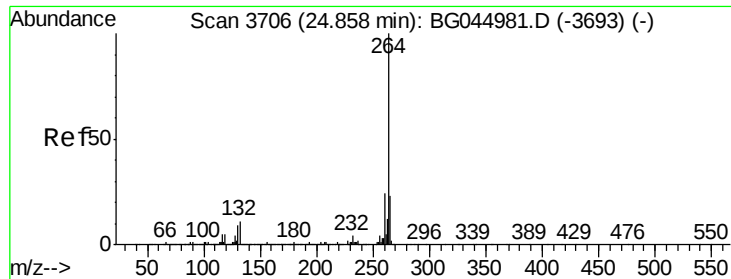
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#79
Terphenyl-d14
Concen: 104.572 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.0	7.9	11.9
122	10.7	7.7	11.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	22.1	19.2	28.8
265	21.8	19.0	28.4

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