

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
 Data File : BG045126.D
 Acq On : 22 Apr 2020 14:50
 Operator : CG/JU
 Sample : L2356-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-13-12-COMP

Manual Integrations
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Quant Time: Apr 22 15:37:59 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 22 12:56:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	72313	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	323539	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	244005	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	564779	20.00	ng	0.00
76) Chrysene-d12	21.66	240	450161	20.00	ng	0.00
87) Perylene-d12	24.85	264	516957	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	457979	104.56	ng	0.00
7) Phenol-d6	7.18	99	732003	112.48	ng	0.00
23) Nitrobenzene-d5	9.17	82	570147	80.41	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	481147	127.64	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	1459346	87.70	ng	0.00
79) Terphenyl-d14	20.01	244	2071977	100.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	329827	16.601	ng	99
71) Phenanthrene	17.44	178	105146	3.623	ng	97
75) Fluoranthene	19.44	202	123310	3.347	ng	98
78) Pyrene	19.80	202	121567m	3.917	ng	

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

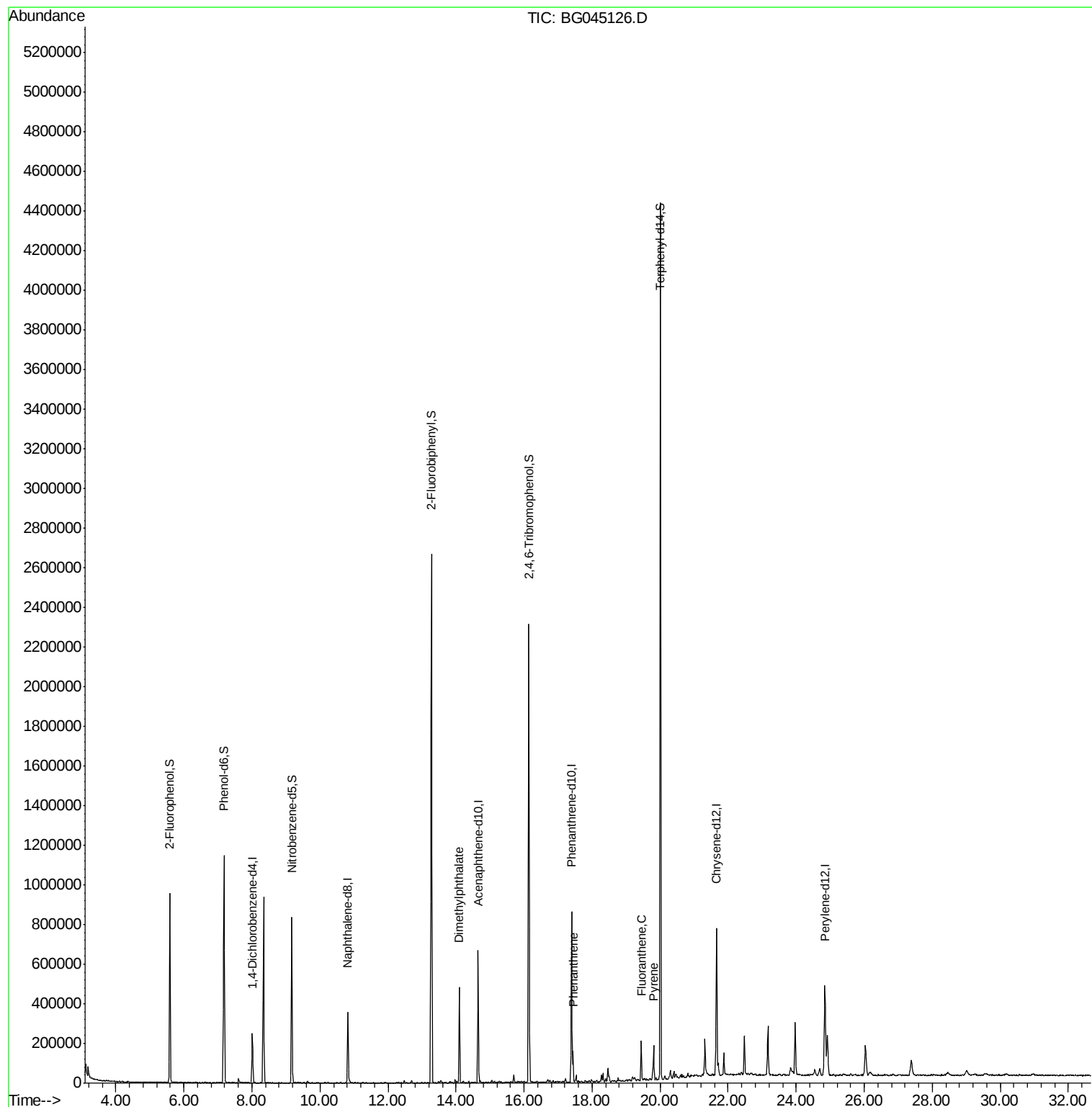
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
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#1

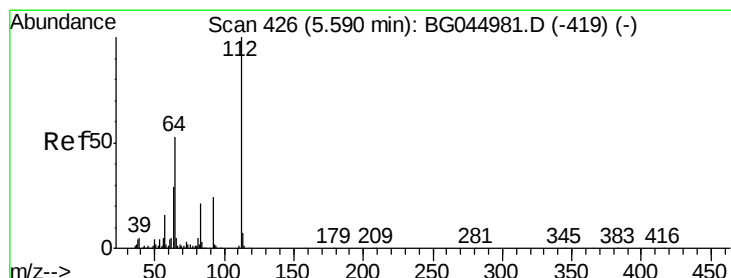
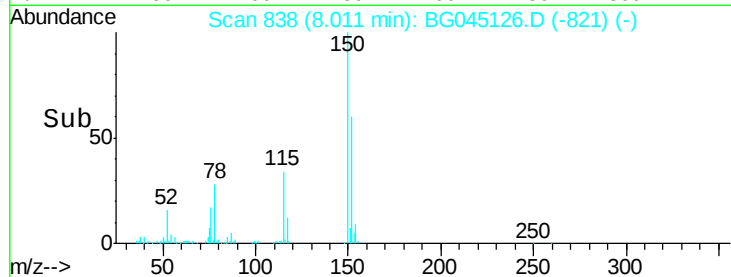
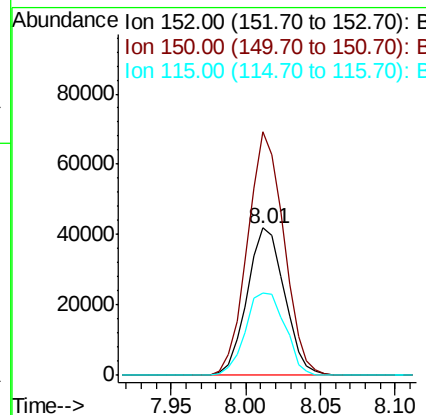
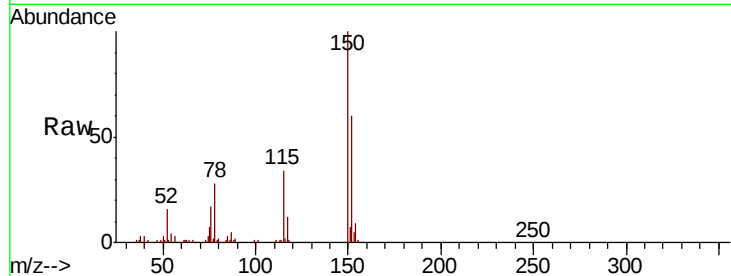
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG045126.D
Acq: 22 Apr 2020 14:50

Instrument :
BNA_G
ClientSampleId :
TP-13-12-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.6	123.6	185.4
115	55.9	49.1	73.7

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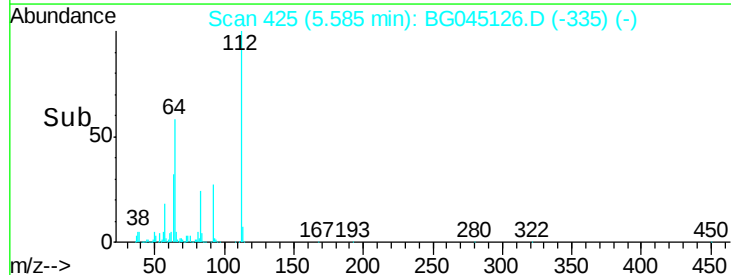
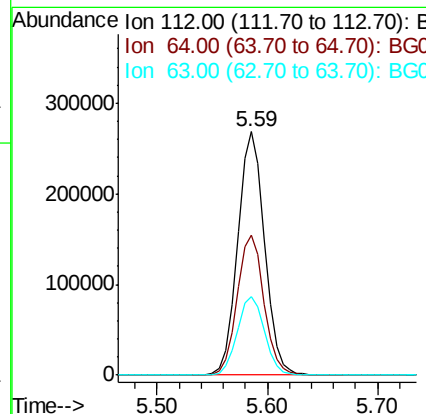
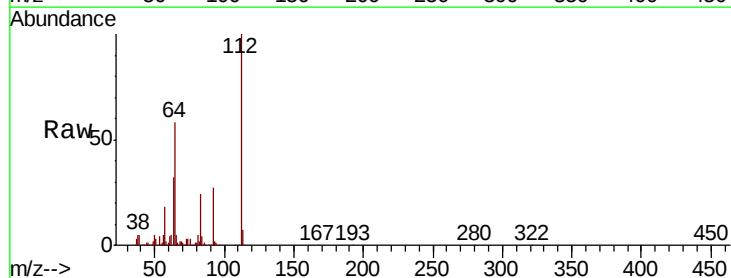
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#5

2-Fluorophenol
Concen: 104.559 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG045126.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	42.4	63.6
63	32.1	23.1	34.7





#7

Phenol-d6

Concen: 112.482 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG045126.D

Acq: 22 Apr 2020 14:50

Instrument :

BNA_G

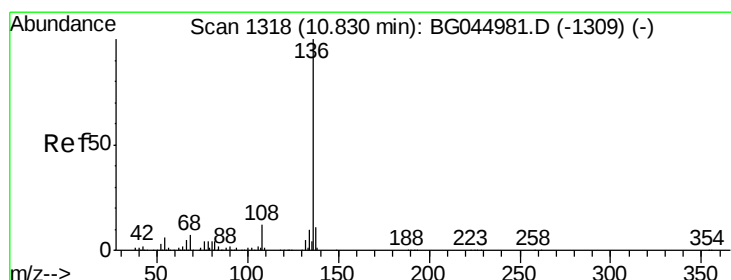
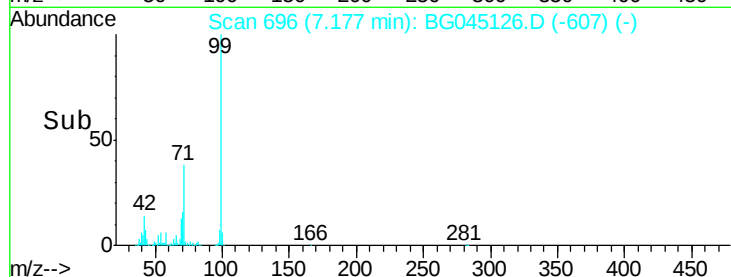
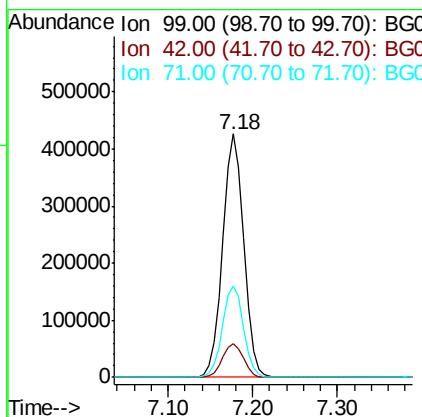
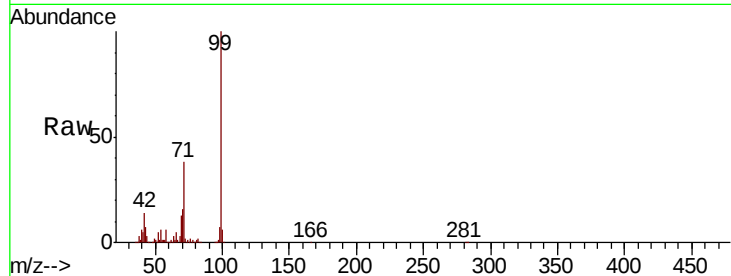
ClientSampleId :

TP-13-12-COMP

Tot Ion:	99	Resp:	732003
Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.3	16.9
71	37.7	28.3	42.5

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#21

Naphthalene-d8

Concen: 20.000 ng

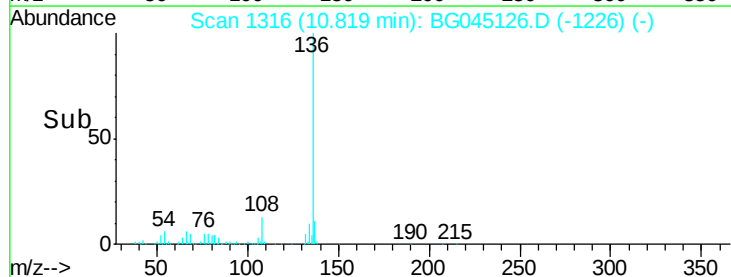
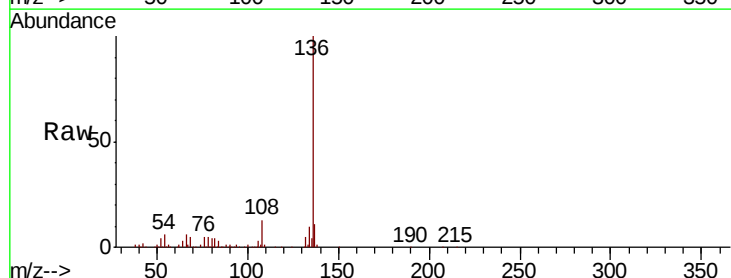
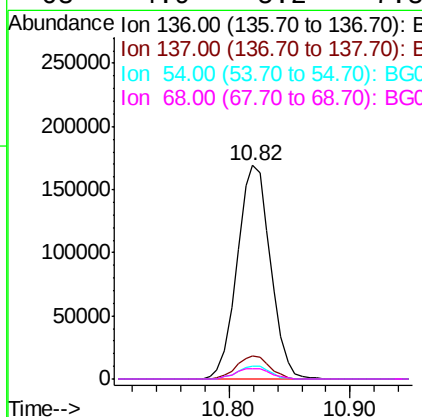
RT: 10.82 min Scan# 1316

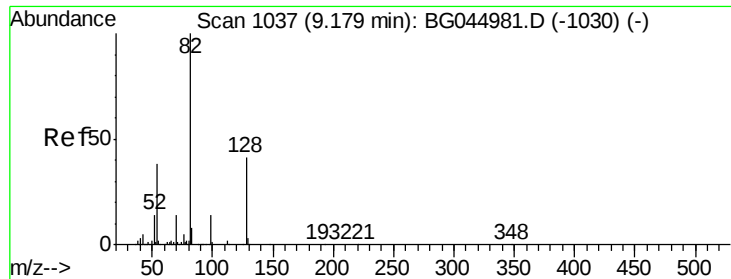
Delta R.T. -0.00 min

Lab File: BG045126.D

Acq: 22 Apr 2020 14:50

Tgt Ion:	136	Resp:	323539
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.3	4.8	7.2
68	4.9	5.2	7.8#





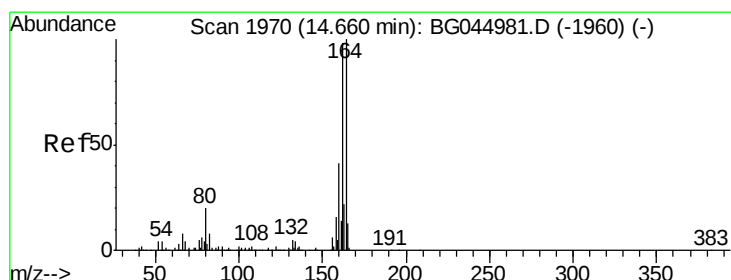
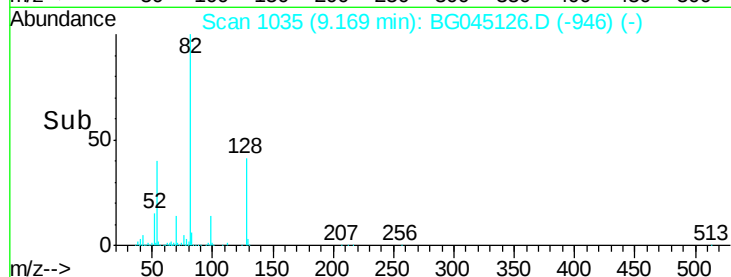
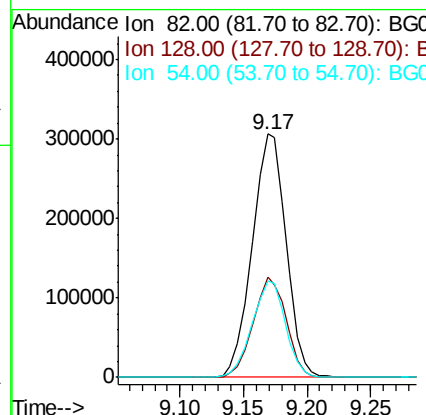
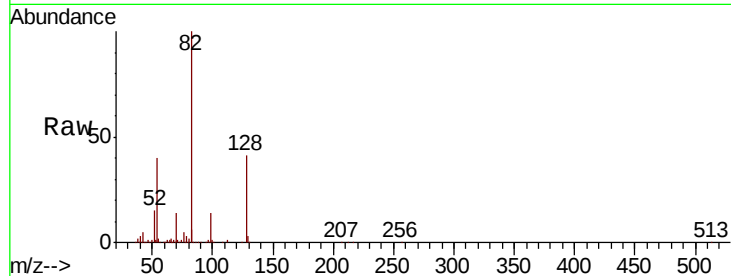
#23
Nitrobenzene-d5
Concen: 80.408 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG045126.D
Acq: 22 Apr 2020 14:50

Instrument :
BNA_G
ClientSampleId :
TP-13-12-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.0	49.4
54	39.6	30.4	45.6

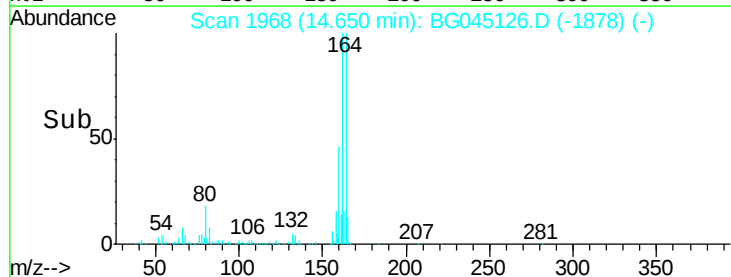
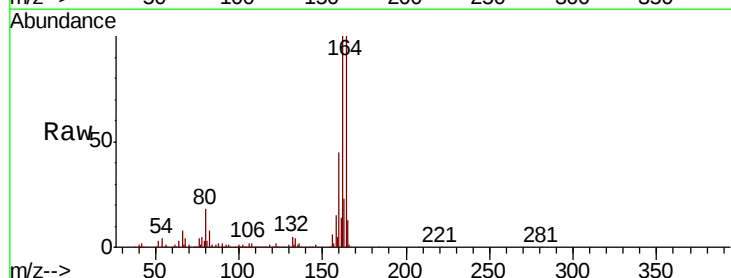
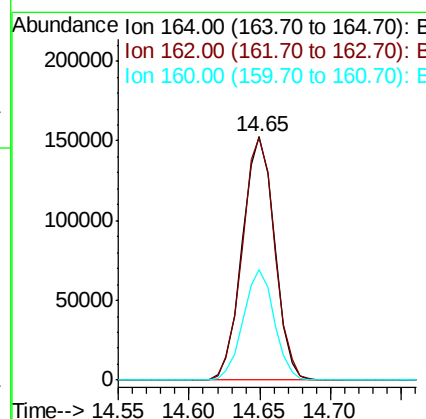
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG045126.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.7	118.1
160	45.4	32.8	49.2





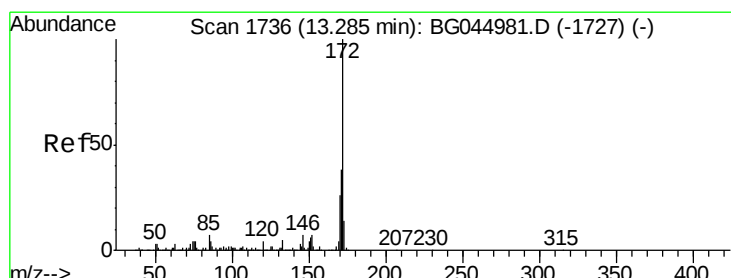
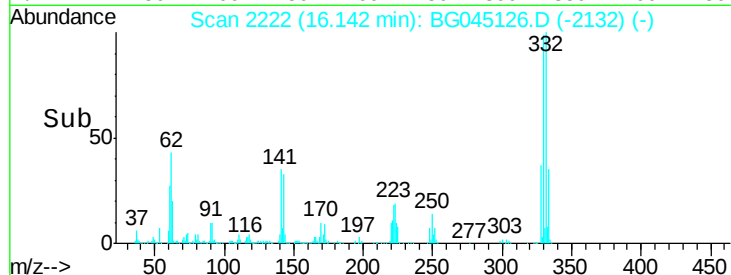
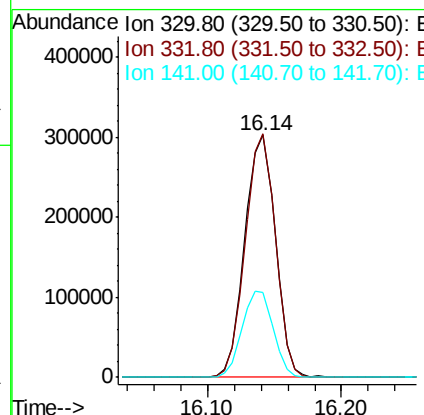
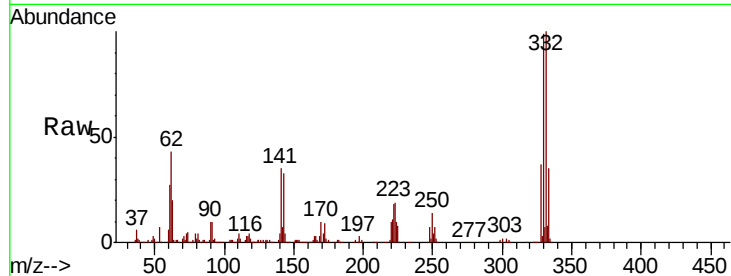
#42
 2,4,6-Tribromophenol
 Concen: 127.640 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG045126.D
 Acq: 22 Apr 2020 14:50

Instrument :
 BNA_G
 ClientSampleId :
 TP-13-12-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	79.1	118.7
141	36.1	27.1	40.7

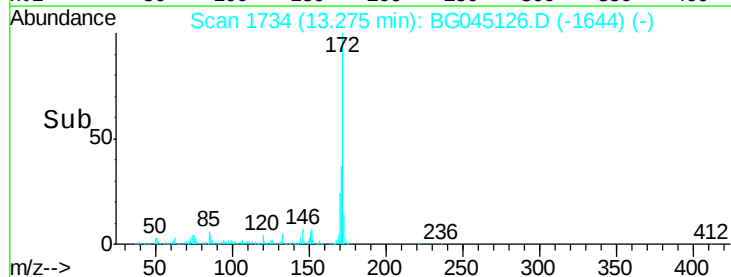
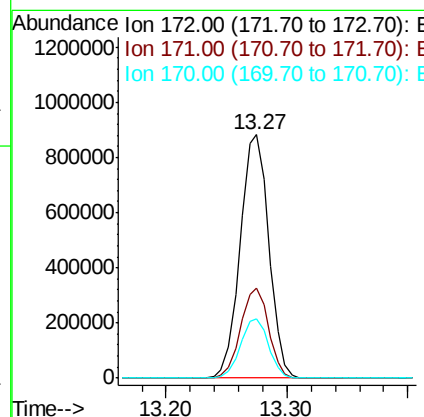
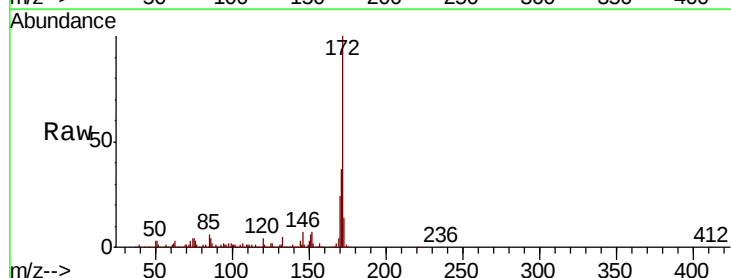
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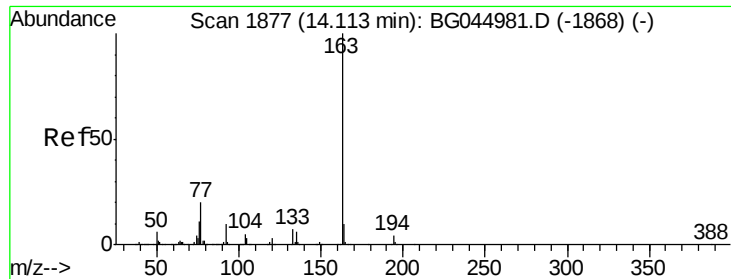
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#45
 2-Fluorobiphenyl
 Concen: 87.698 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG045126.D
 Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	46.0
170	24.5	20.5	30.7





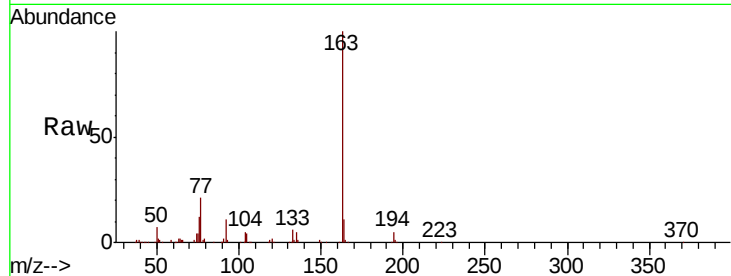
#50
Dimethylphthalate
Concen: 16.601 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG045126.D
Acq: 22 Apr 2020 14:50

Instrument :
BNA_G
ClientSampleId :
TP-13-12-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	329827		
194	4.6		3.5	5.3
164	10.6		8.2	12.4

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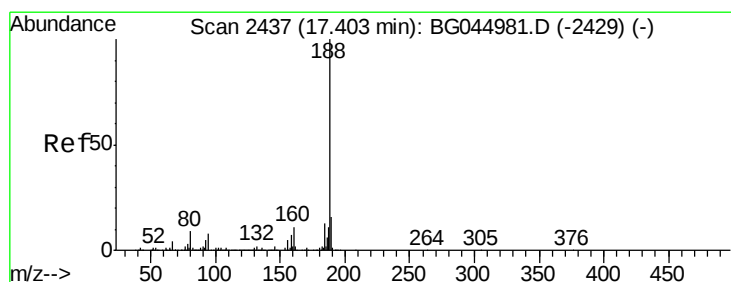
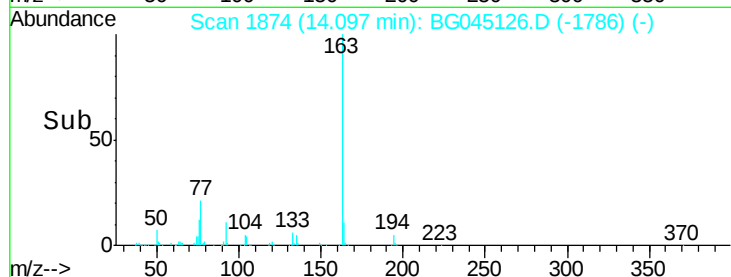
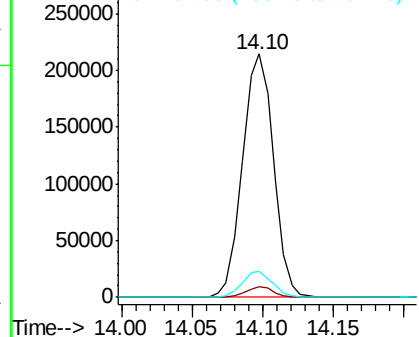


Abundance

Ion 163.00 (162.70 to 163.70): E

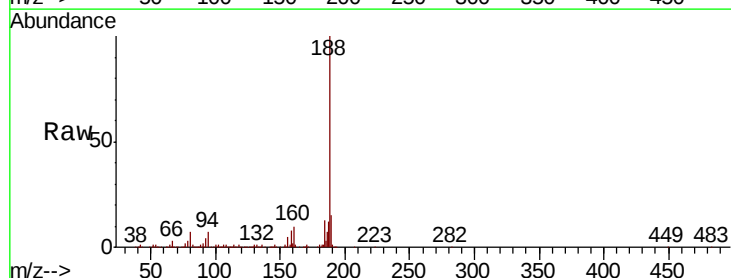
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045126.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	564779		
94	6.7		6.2	9.4
80	7.3		7.0	10.6

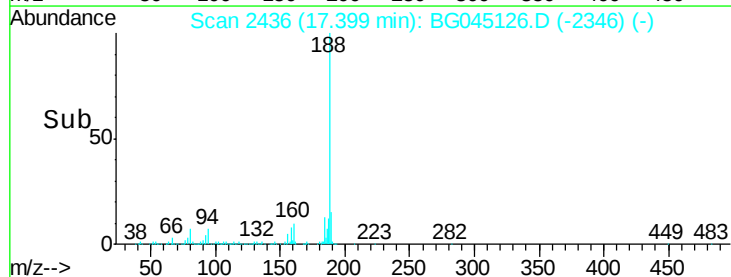
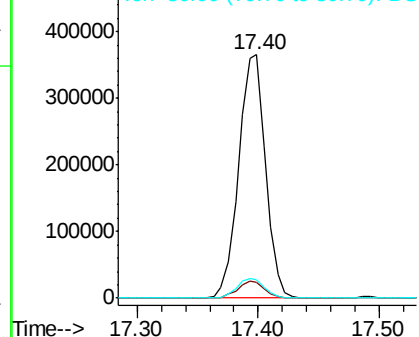


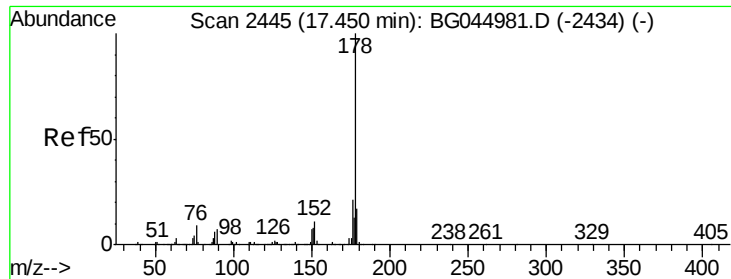
Abundance

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





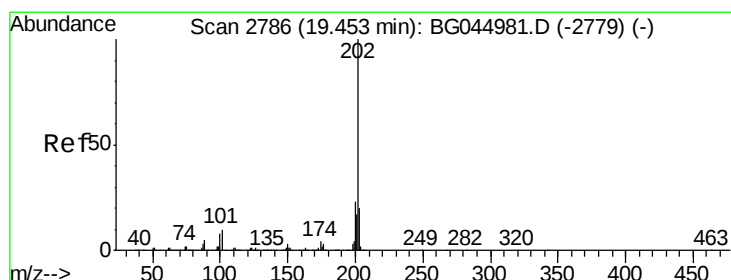
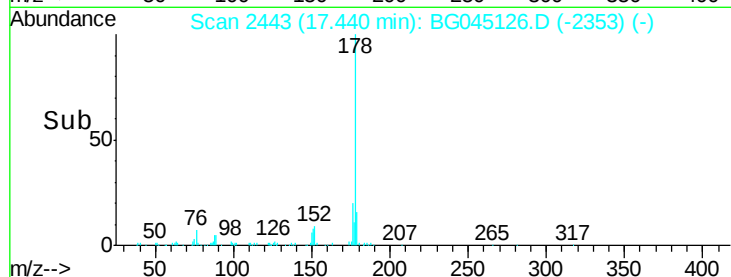
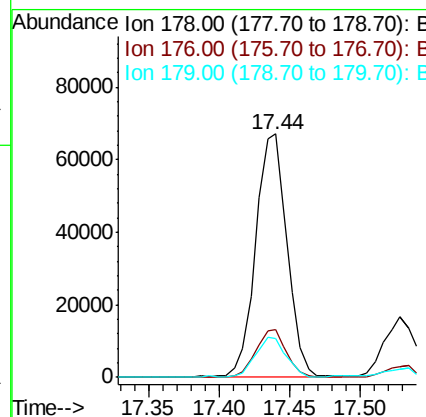
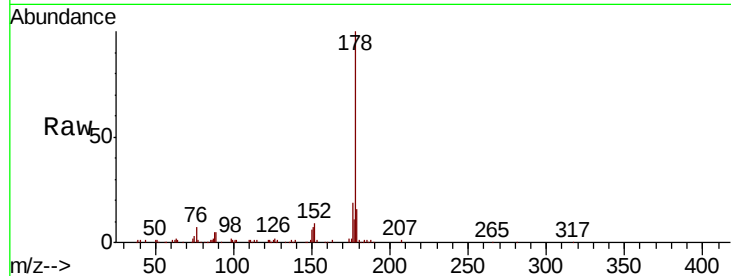
#71
Phenanthrene
Concen: 3.623 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG045126.D
Acq: 22 Apr 2020 14:50

Instrument :
BNA_G
ClientSampleId :
TP-13-12-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.8	25.2
179	15.8	13.2	19.8

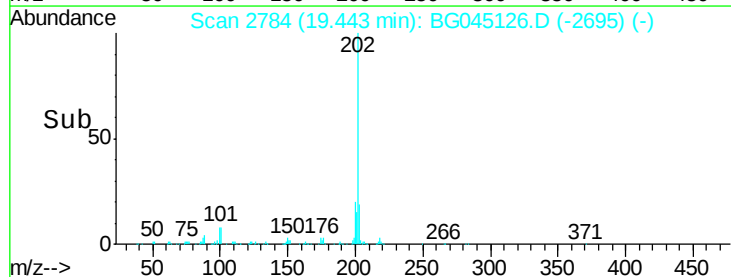
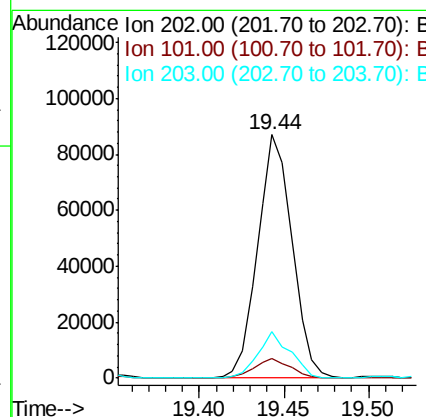
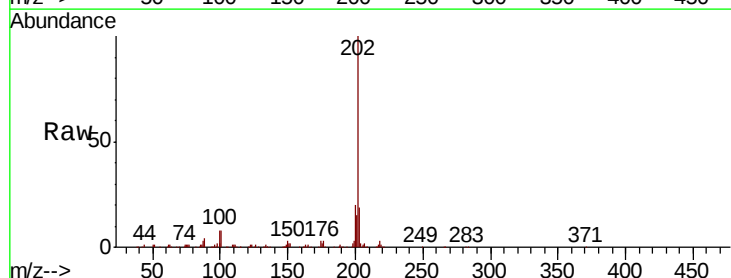
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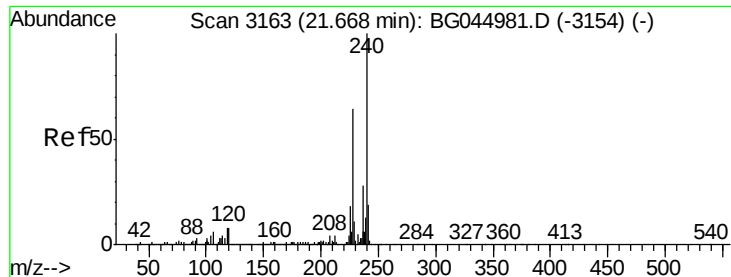
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#75
Fluoranthene
Concen: 3.347 ng
RT: 19.44 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BG045126.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	29.6
203	19.2	0.0	39.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG045126.D

Acq: 22 Apr 2020 14:50

Instrument :

BNA_G

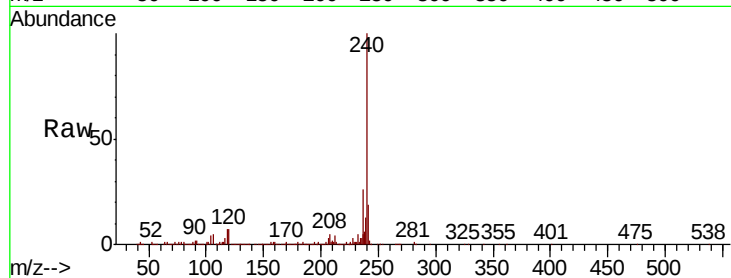
ClientSampleId :

TP-13-12-COMP

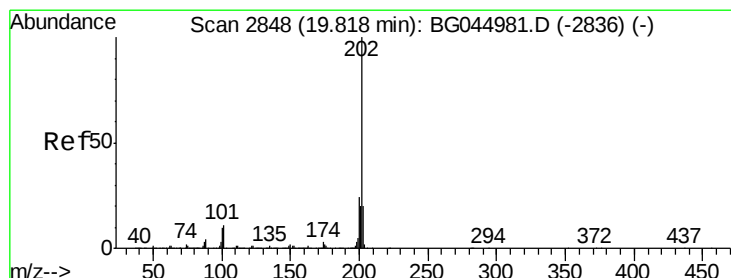
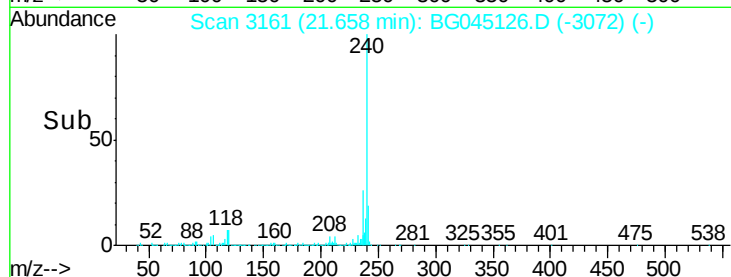
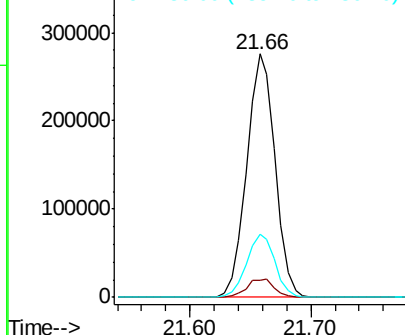
Tot Ion:	240	Resp:	450161
Ion Ratio	Lower	Upper	
240	100		
120	7.1	6.6	10.0
236	25.9	22.2	33.2

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 3.917 ng m

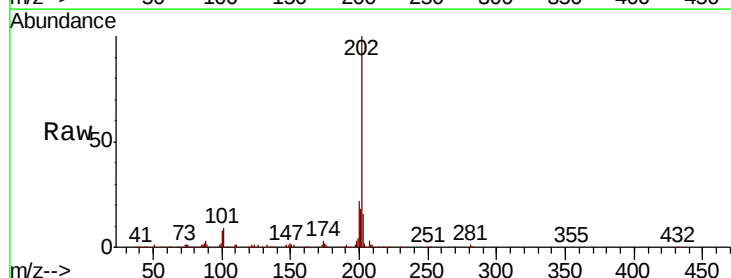
RT: 19.80 min Scan# 2845

Delta R.T. -0.01 min

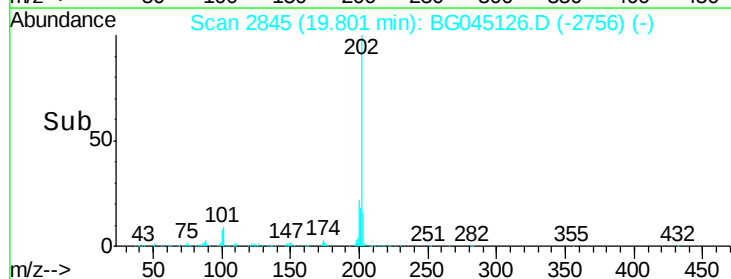
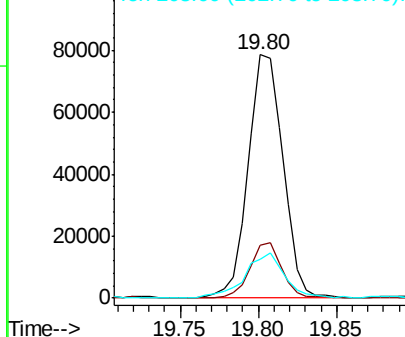
Lab File: BG045126.D

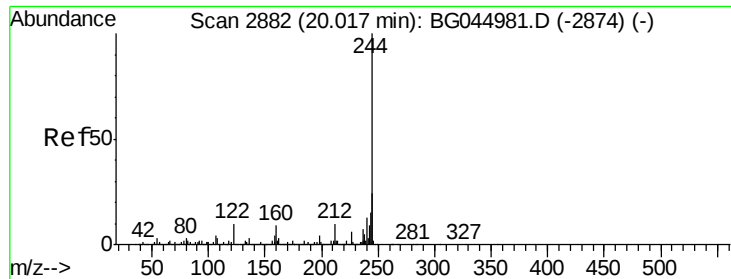
Acq: 22 Apr 2020 14:50

Tgt Ion:	202	Resp:	121567
Ion Ratio	Lower	Upper	
202	100		
200	21.7	19.0	28.6
203	15.9	16.1	24.1#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





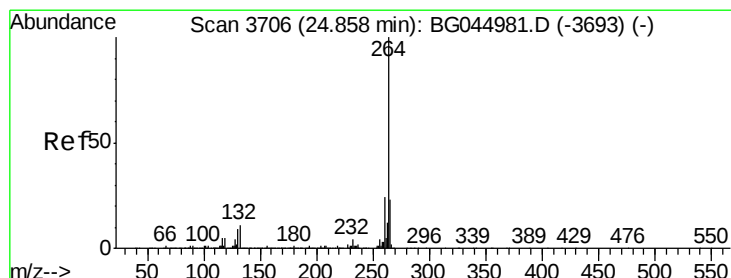
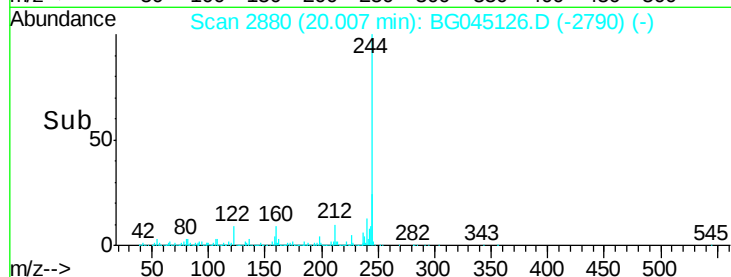
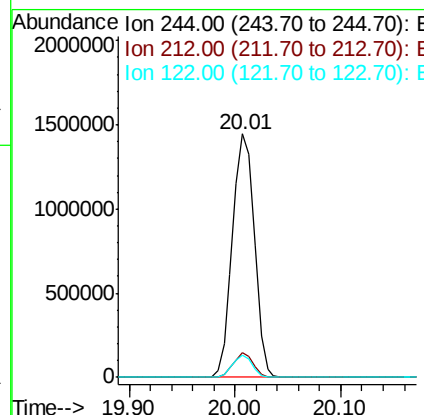
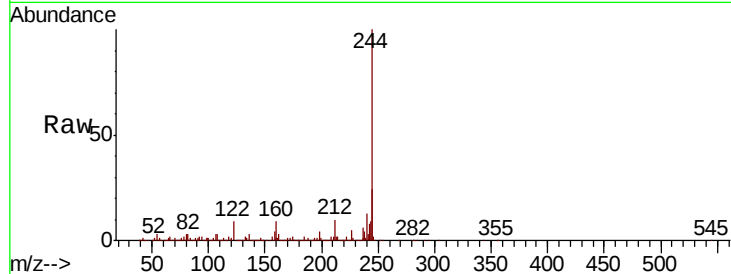
#79
 Terphenyl-d14
 Concen: 100.320 ng
 RT: 20.01 min Scan# 2880
 Delta R.T. -0.00 min
 Lab File: BG045126.D
 Acq: 22 Apr 2020 14:50

Instrument :
 BNA_G
 ClientSampleId :
 TP-13-12-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.4	7.9	11.9
122	8.9	7.7	11.5

Manual Integrations
 APPROVED

mohammad
 4/24/2020 4:19:11 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3704
 Delta R.T. -0.00 min
 Lab File: BG045126.D
 Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.7	19.0	28.4

