

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
 Data File : BG046005.D
 Acq On : 10 Jul 2020 13:46
 Operator : CG/JU
 Sample : L3203-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-16

Manual Integrations
 APPROVED

mohammad
 7/13/2020 1:03:32 PM

Quant Time: Jul 11 03:59:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	160312	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	658225	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	410819	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	912993	20.00	ng	-0.01
76) Chrysene-d12	21.62	240	839957	20.00	ng	-0.01
86) Perylene-d12	24.78	264	838646	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	687310	69.53	ng	0.00
7) Phenol-d6	7.16	99	1045382	73.45	ng	0.00
23) Nitrobenzene-d5	9.15	82	702191	61.40	ng	-0.01
42) 2,4,6-Tribromophenol	16.11	330	340954	89.42	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	1370535	52.04	ng	-0.01
79) Terphenyl-d14	19.98	244	2072519	54.91	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.08	163	256365	8.315	ng	98
75) Fluoranthene	19.41	202	170947	3.064	ng	98
78) Pyrene	19.77	202	145638m	2.540	ng	
88) Benzo(b)fluoranthene	23.78	252	120873	2.270	ng	96

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

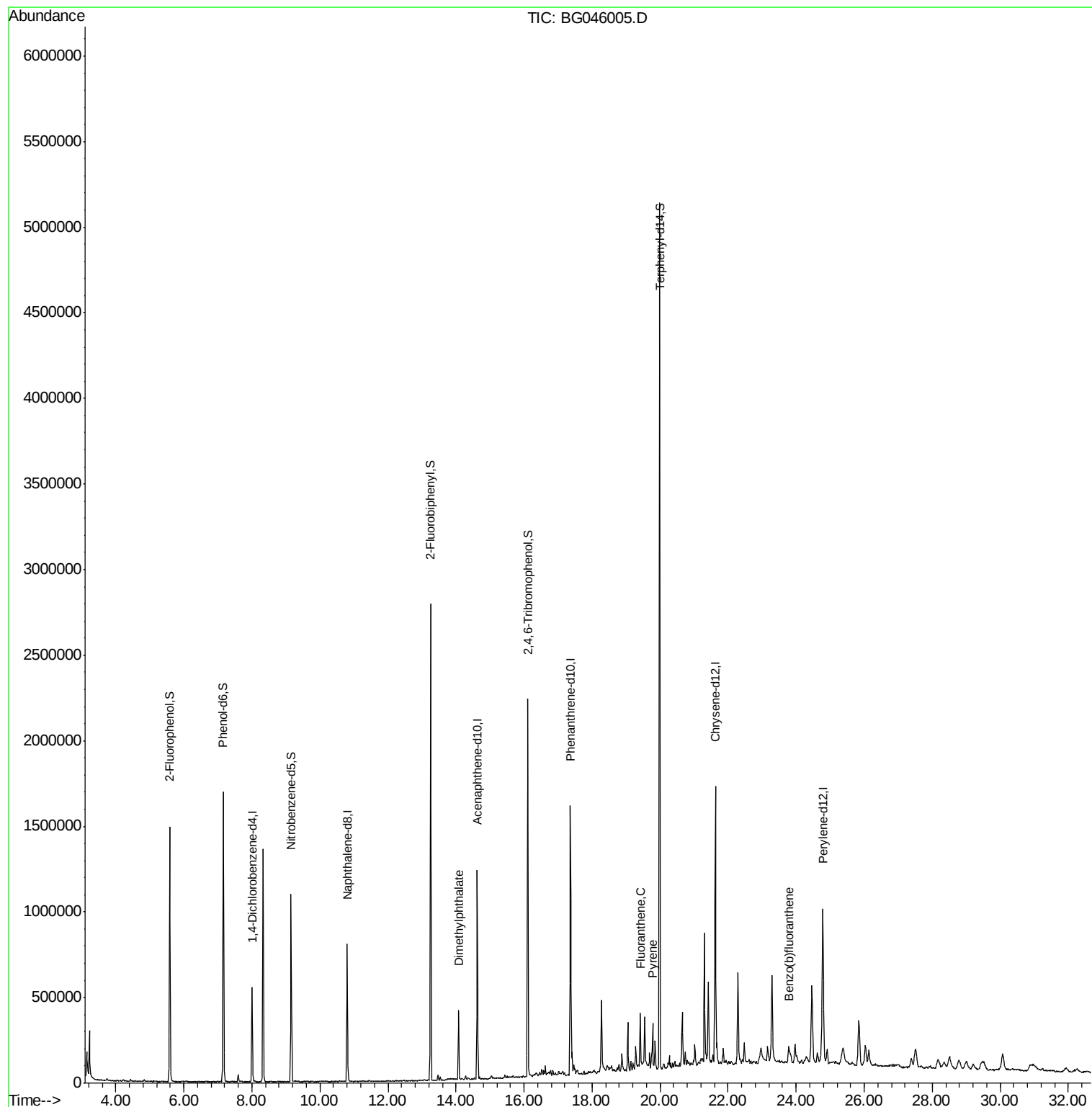
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
Data File : BG046005.D
Acq On : 10 Jul 2020 13:46
Operator : CG/JU
Sample : L3203-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

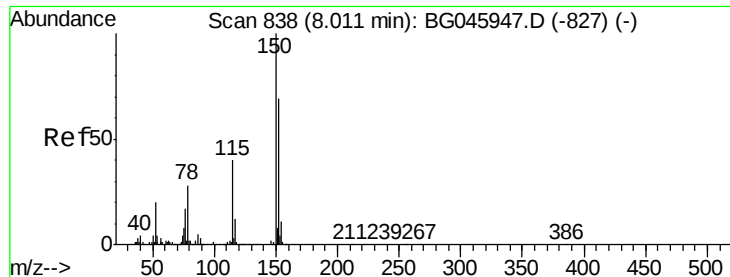
Instrument :
BNA_G
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RO-16

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#1

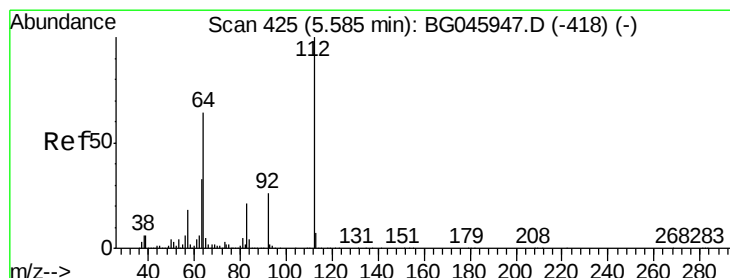
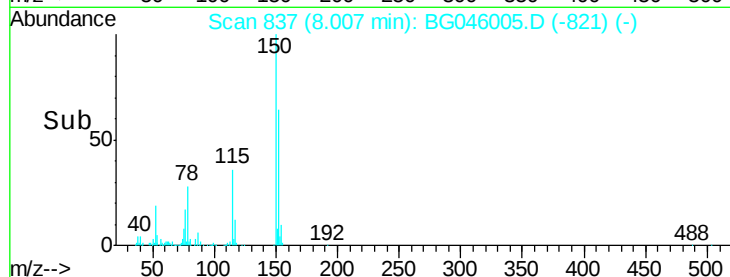
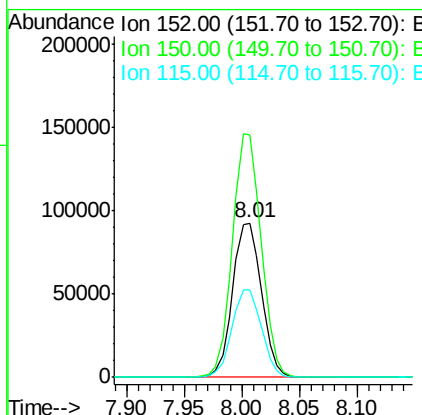
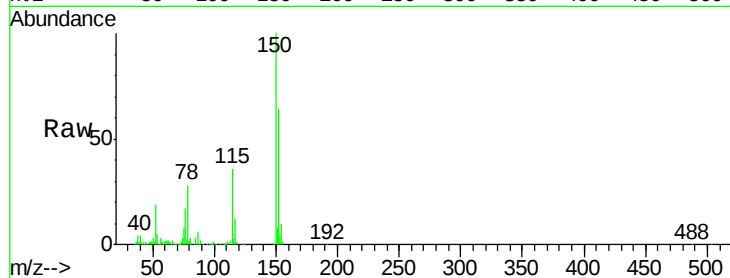
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG046005.D
Acq: 10 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
RO-16

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	116.7	175.1
115	57.1	47.4	71.0

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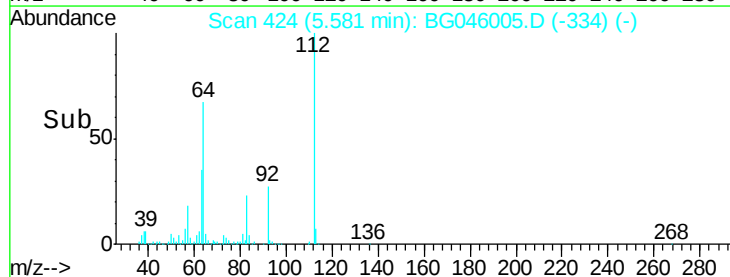
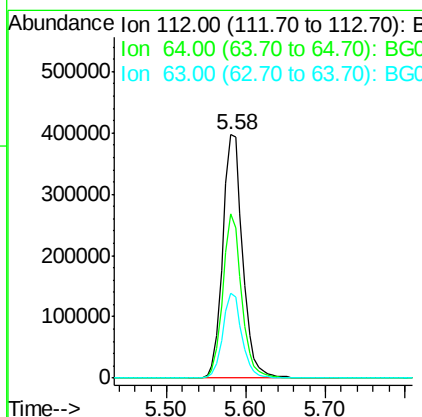
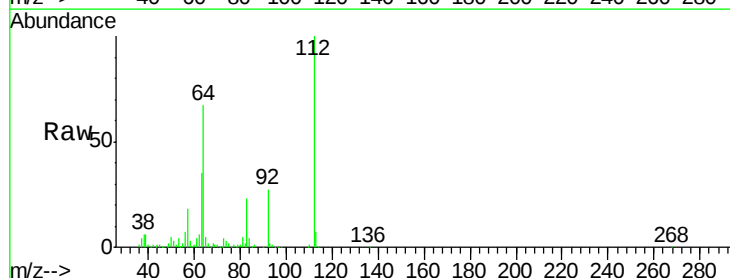
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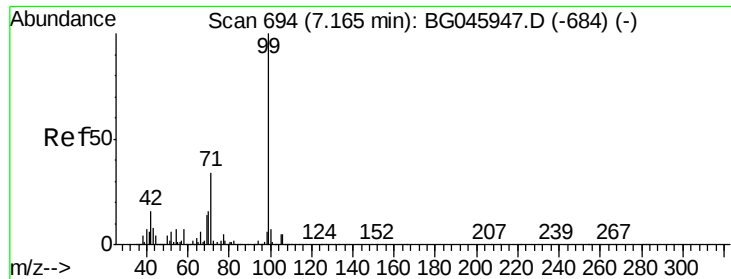


#5

2-Fluorophenol
Concen: 69.526 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG046005.D
Acq: 10 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	51.4	77.2
63	35.0	26.6	40.0





#7

Phenol-d6

Concen: 73.451 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG046005.D

Acq: 10 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

RO-16

Tot Ion: 99 Resp: 1045382

Ion Ratio Lower Upper

99 100

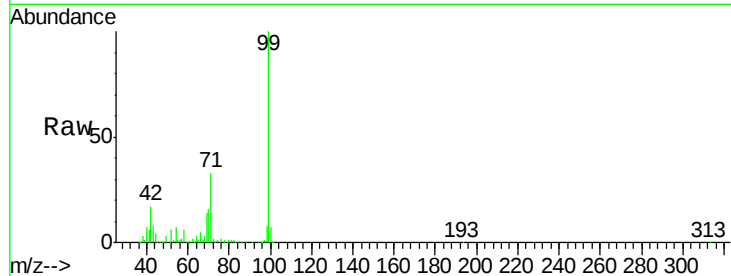
42 16.7 13.0 19.4

71 33.4 27.5 41.3

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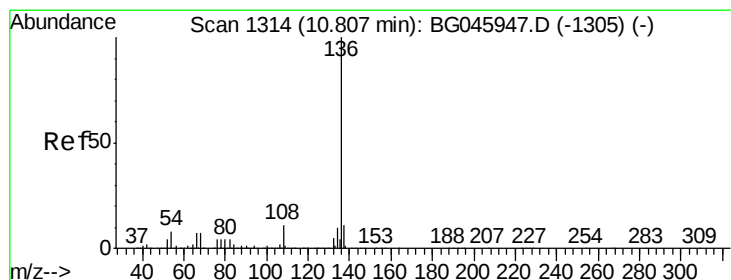
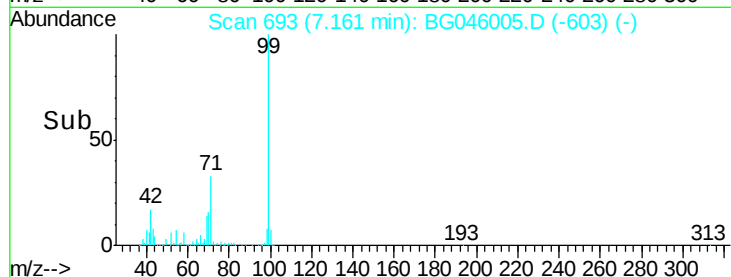
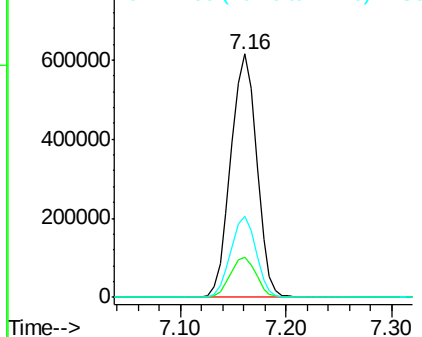


Abundance

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: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG046005.D

Acq: 10 Jul 2020 13:46

Tgt Ion: 136 Resp: 658225

Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 7.8 6.2 9.4

68 7.3 5.8 8.8

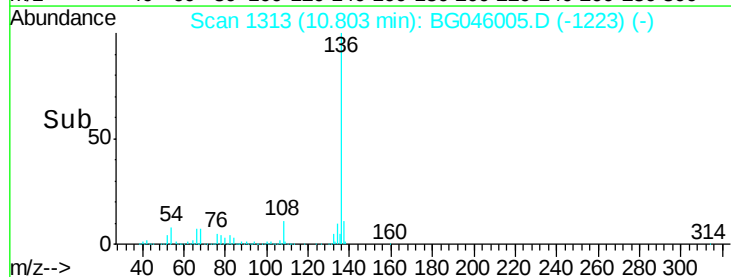
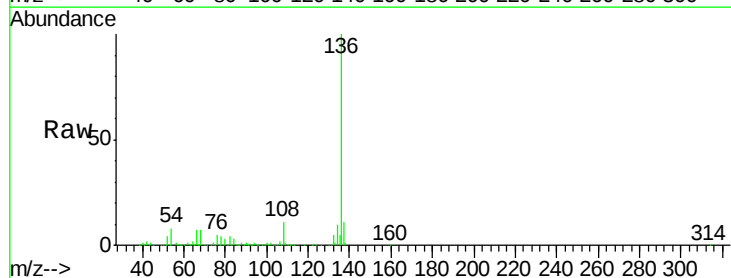
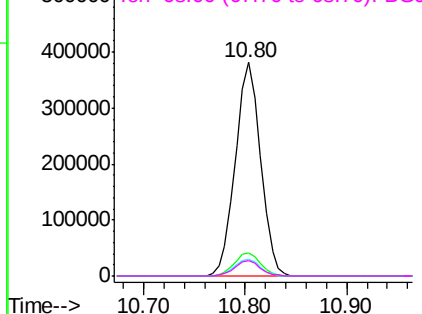
Abundance

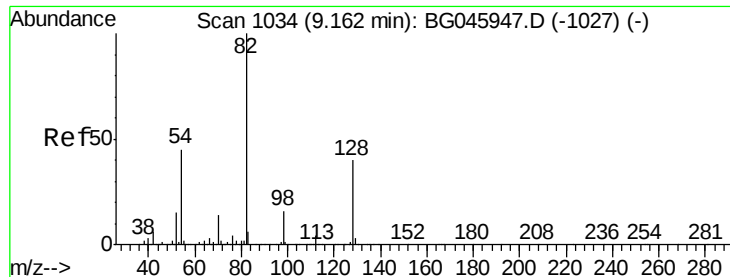
Ion 136.00 (135.70 to 136.70): BGC

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





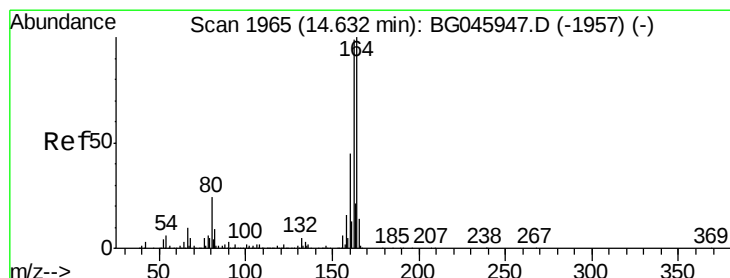
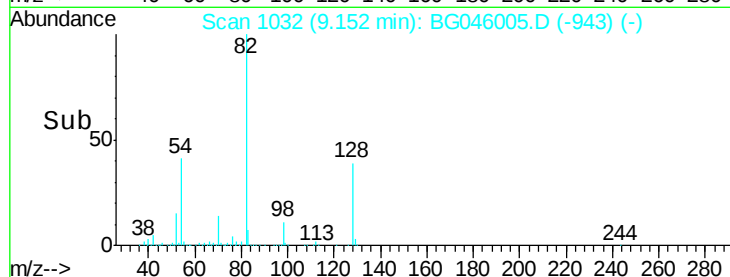
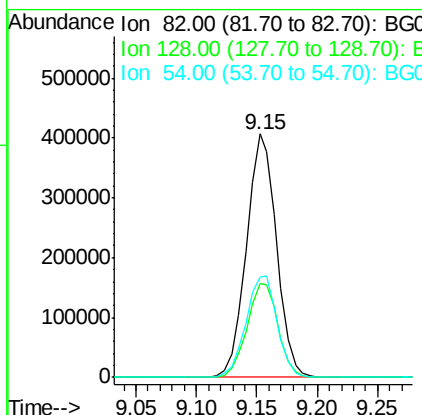
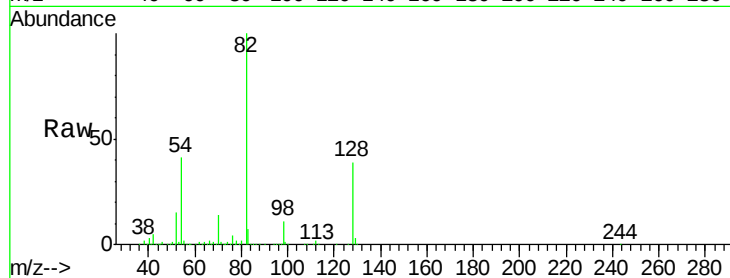
#23
Nitrobenzene-d5
Concen: 61.402 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG046005.D
Acq: 10 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
RO-16

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.2	48.4
54	41.2	35.8	53.6

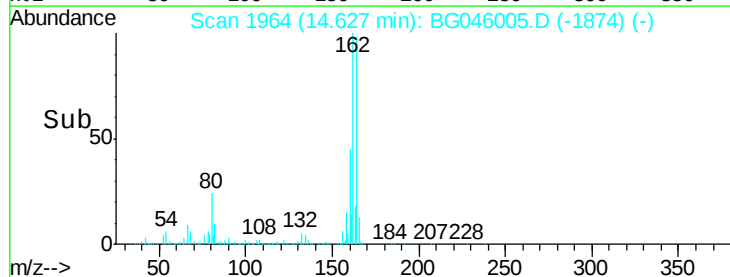
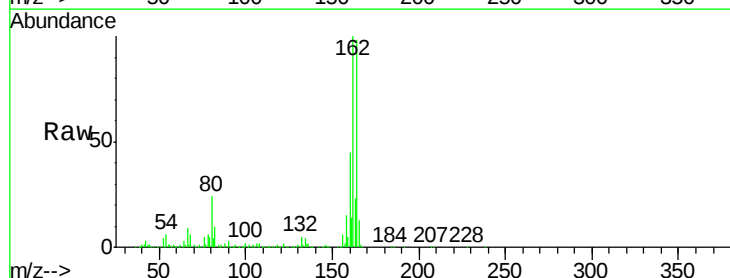
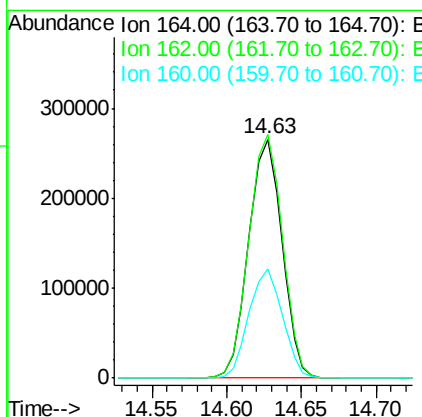
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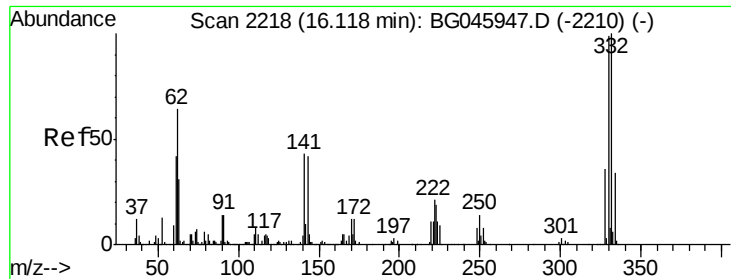
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG046005.D
Acq: 10 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	79.3	118.9
160	45.8	35.7	53.5





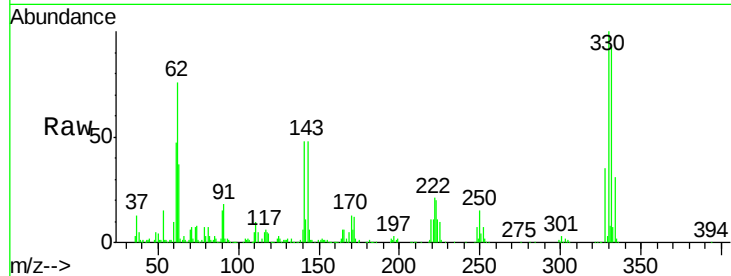
#42
2,4,6-Tribromophenol
Concen: 89.423 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG046005.D
Acq: 10 Jul 2020 13:46

Instrument :
BNA_G
ClientSampled :
RO-16

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	78.3	117.5	
141	47.5	36.6	54.8	

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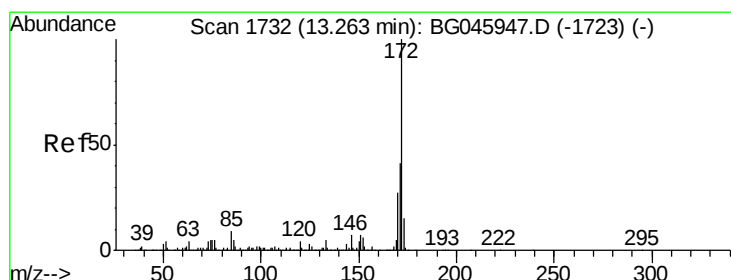
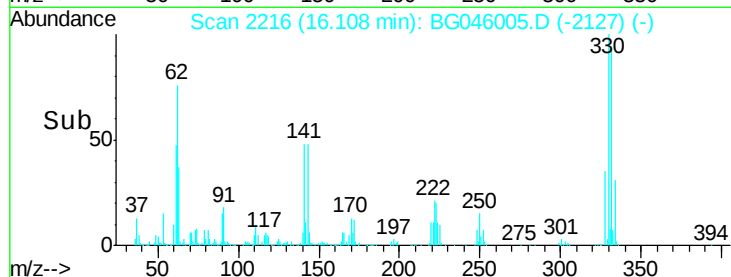
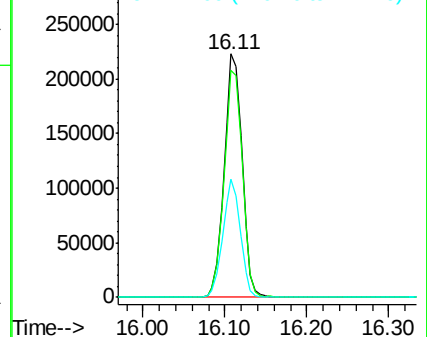


Abundance

Ion 329.80 (329.50 to 330.50): E

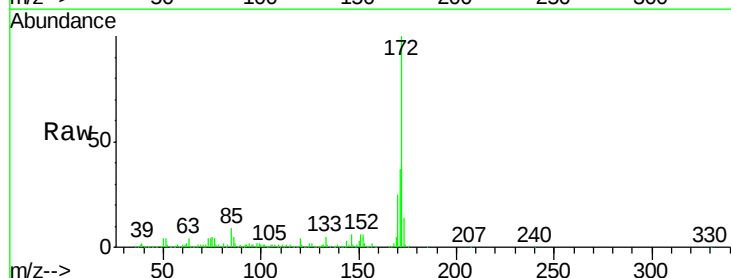
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 52.037 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG046005.D
Acq: 10 Jul 2020 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.4	32.9	49.3	
170	25.1	21.8	32.6	

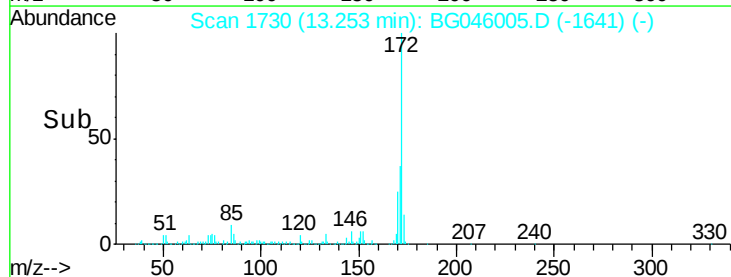
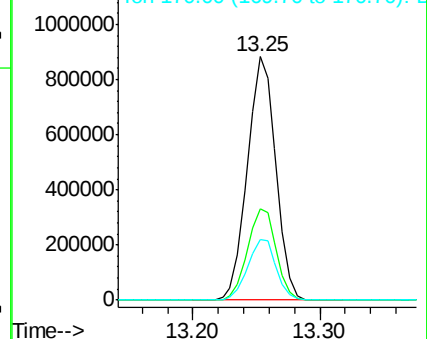


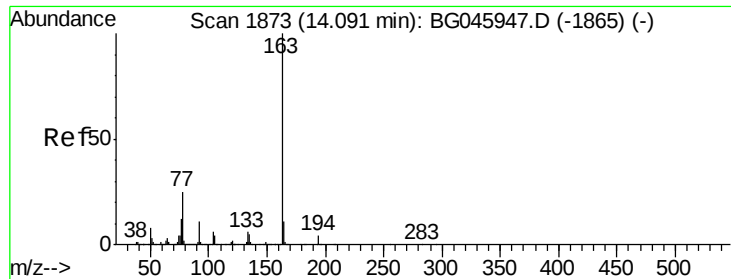
Abundance

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





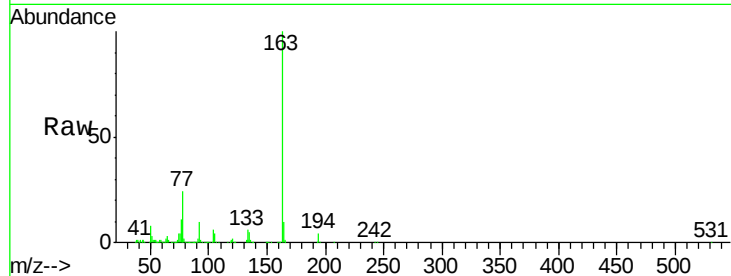
#50
Dimethylphthalate
Concen: 8.315 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BG046005.D
Acq: 10 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
RO-16

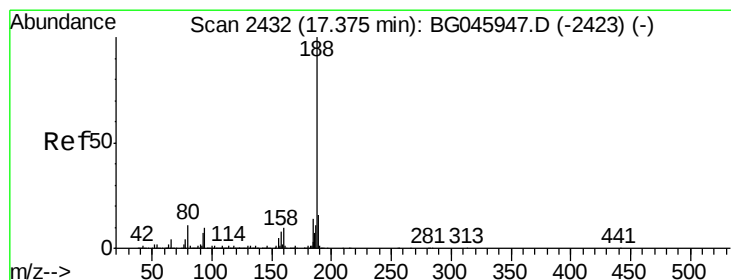
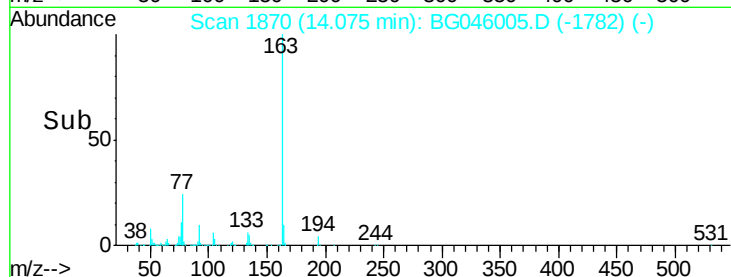
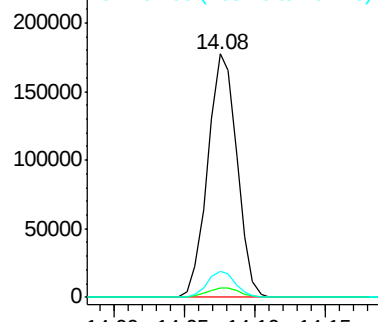
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.9	3.6	5.4
164	10.5	8.9	13.3

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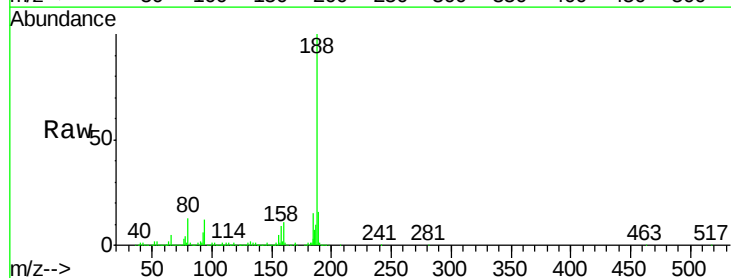


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

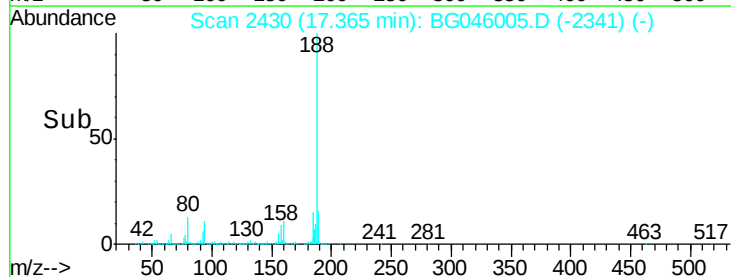
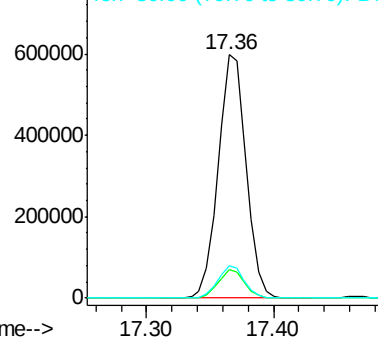


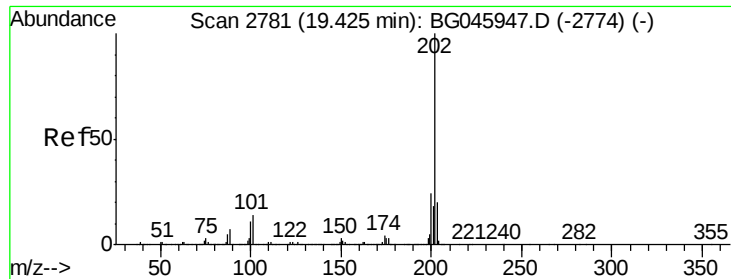
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG046005.D
Acq: 10 Jul 2020 13:46

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	11.5	8.2	12.4
80	13.2	9.0	13.6



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





#75

Fluoranthene

Concen: 3.064 ng

RT: 19.41 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG046005.D

Acq: 10 Jul 2020 13:46

Instrument :

BNA_G

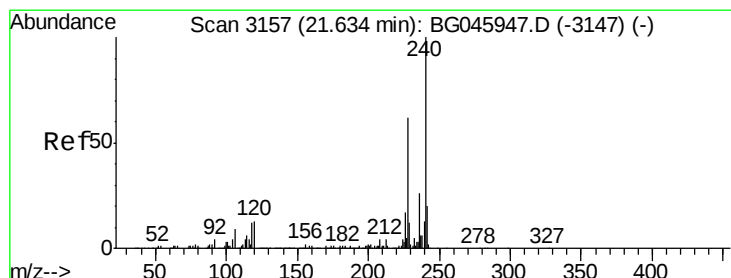
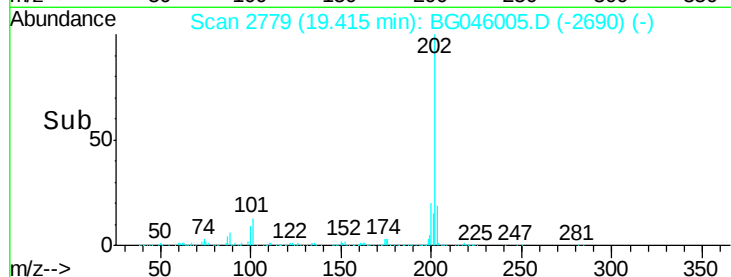
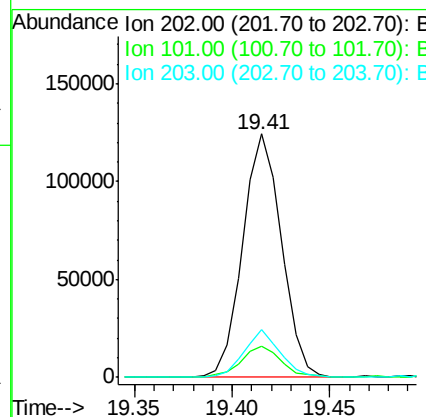
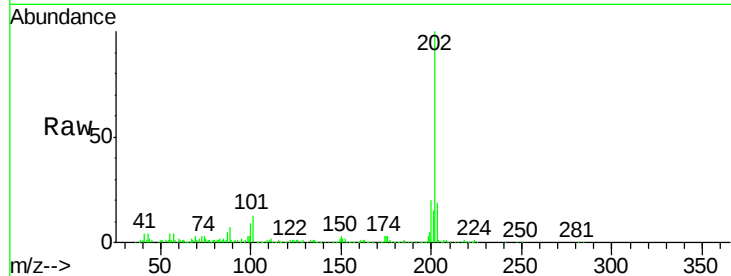
ClientSampleId :

RO-16

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.9	0.0	33.8
203	19.4	0.4	40.4

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#76

Chrysene-d12

Concen: 20.000 ng

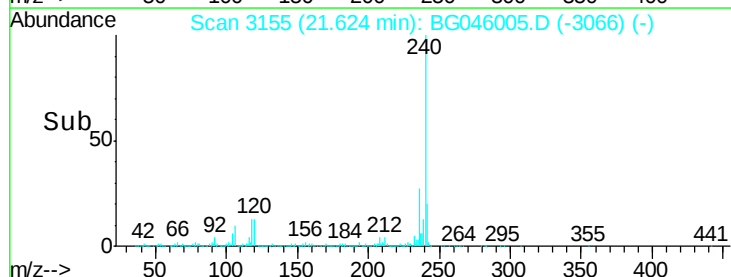
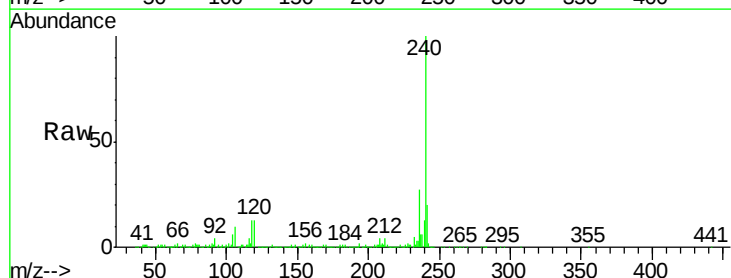
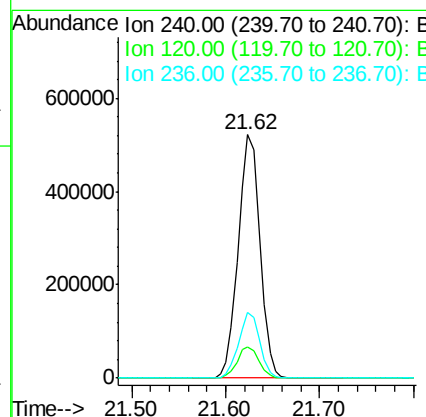
RT: 21.62 min Scan# 3155

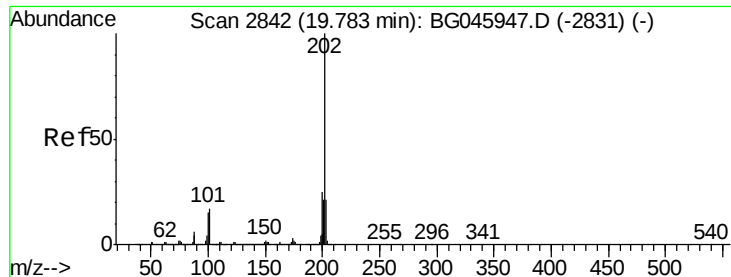
Delta R.T. -0.01 min

Lab File: BG046005.D

Acq: 10 Jul 2020 13:46

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.0	10.6	16.0
236	26.9	20.4	30.6





#78

Pvrene

Concen: 2.540 ng/mL

RT: 19.77 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG046005.D

Acq: 10 Jul 2020 13:46

Instrument :

BNA_G

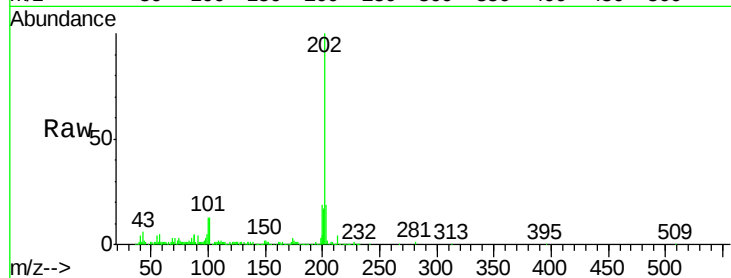
ClientSampleId :

RO-16

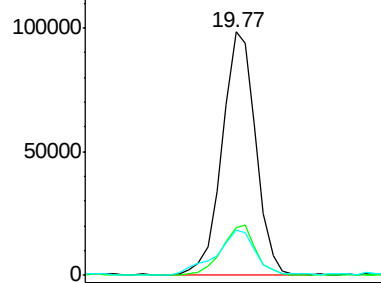
Tot Ion:	202	Resp:	145638
Ion Ratio	Lower	Upper	
202	100		
200	19.4	20.1	30.1#
203	18.7	16.5	24.7

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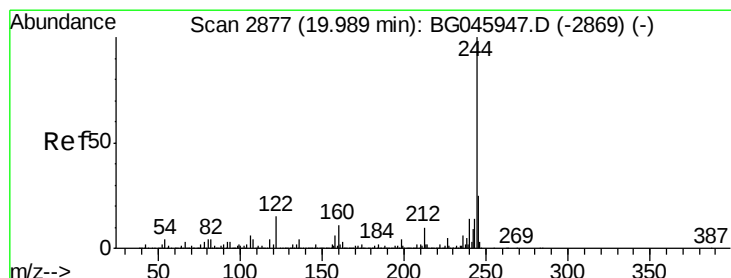
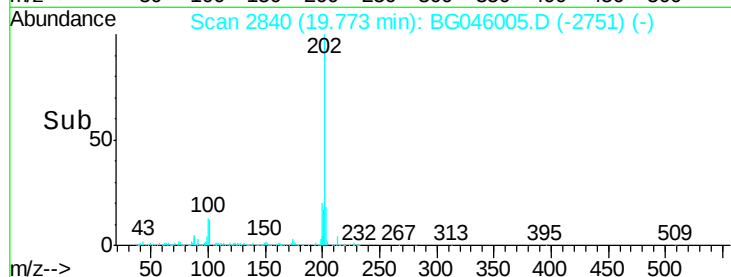
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 54.913 ng/mL

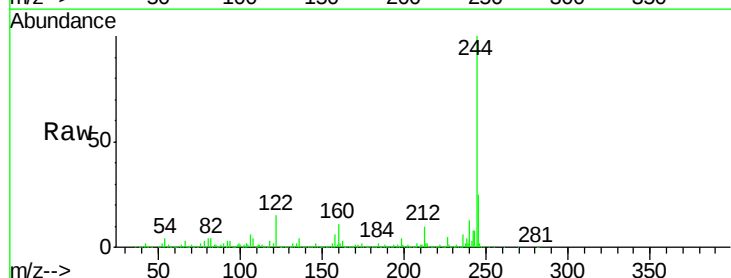
RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

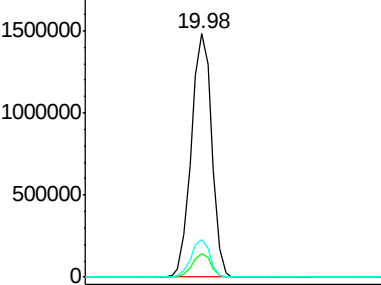
Lab File: BG046005.D

Acq: 10 Jul 2020 13:46

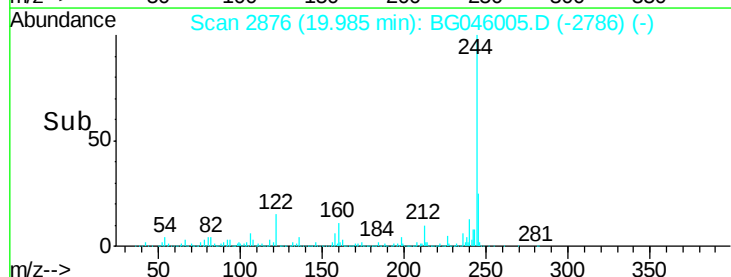
Tgt Ion:	244	Resp:	2072519
Ion Ratio	Lower	Upper	
244	100		
212	9.5	8.3	12.5
122	15.5	12.1	18.1

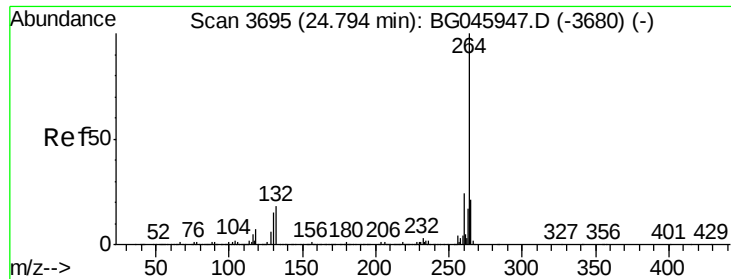


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





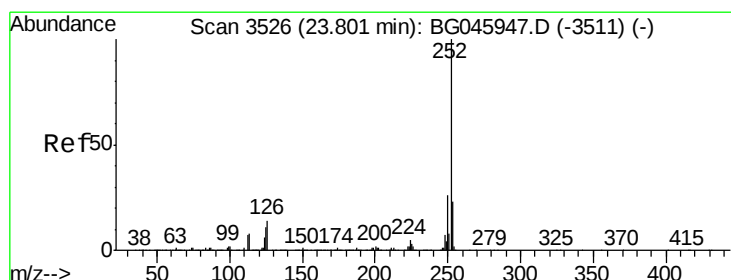
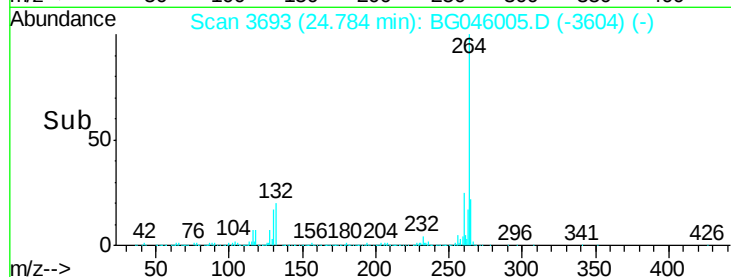
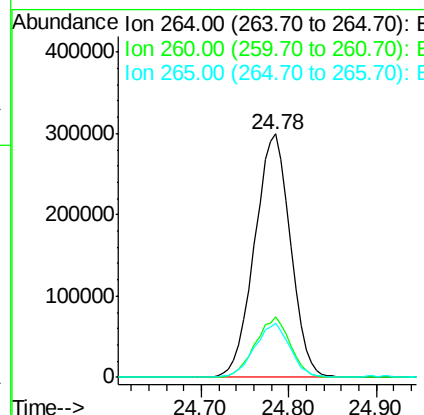
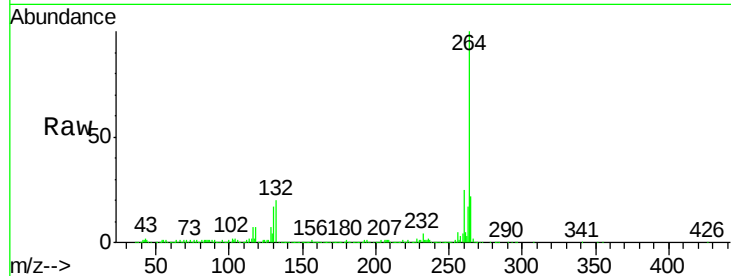
#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG046005.D
Acq: 10 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
RO-16

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.6
265	22.4	16.9	25.3

Manual Integrations
APPROVED

mohammad
7/13/2020 1:03:32 PM



#88
Benzo(b)fluoranthene
Concen: 2.270 ng
RT: 23.78 min Scan# 3522
Delta R.T. -0.02 min
Lab File: BG046005.D
Acq: 10 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.5	27.7
125	13.0	9.2	13.8

