

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046525.D
 Acq On : 3 Sep 2020 20:51
 Operator : CG/JU
 Sample : L3877-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Manual Integrations
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 9/4/2020 1:55:03 PM

Quant Time: Sep 04 09:07:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	83522	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	324942	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	208127	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	479395	20.00	ng	0.00
76) Chrysene-d12	21.55	240	507803	20.00	ng	0.00
86) Perylene-d12	24.65	264	496713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	518247	109.90	ng	0.00
7) Phenol-d6	7.11	99	605787	90.62	ng	0.00
23) Nitrobenzene-d5	9.09	82	506010	89.00	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	325474	115.42	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1197754	87.85	ng	0.00
79) Terphenyl-d14	19.92	244	1859103	77.91	ng	0.00
Target Compounds						
10) Phenol	7.13	94	52575	8.539	ng	94
22) Acetophenone	8.75	105	54935m	6.945	ng	
27) 2,4-Dimethylphenol	9.95	122	14984m	3.676	ng	
31) Naphthalene	10.82	128	7479190	471.406	ng	# 54
37) 2-Methylnaphthalene	12.39	142	1317134	105.262	ng	97
38) 1-Methylnaphthalene	12.61	142	851705m	71.858	ng	
46) 1,1'-Biphenyl	13.39	154	78769	5.440	ng	98

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

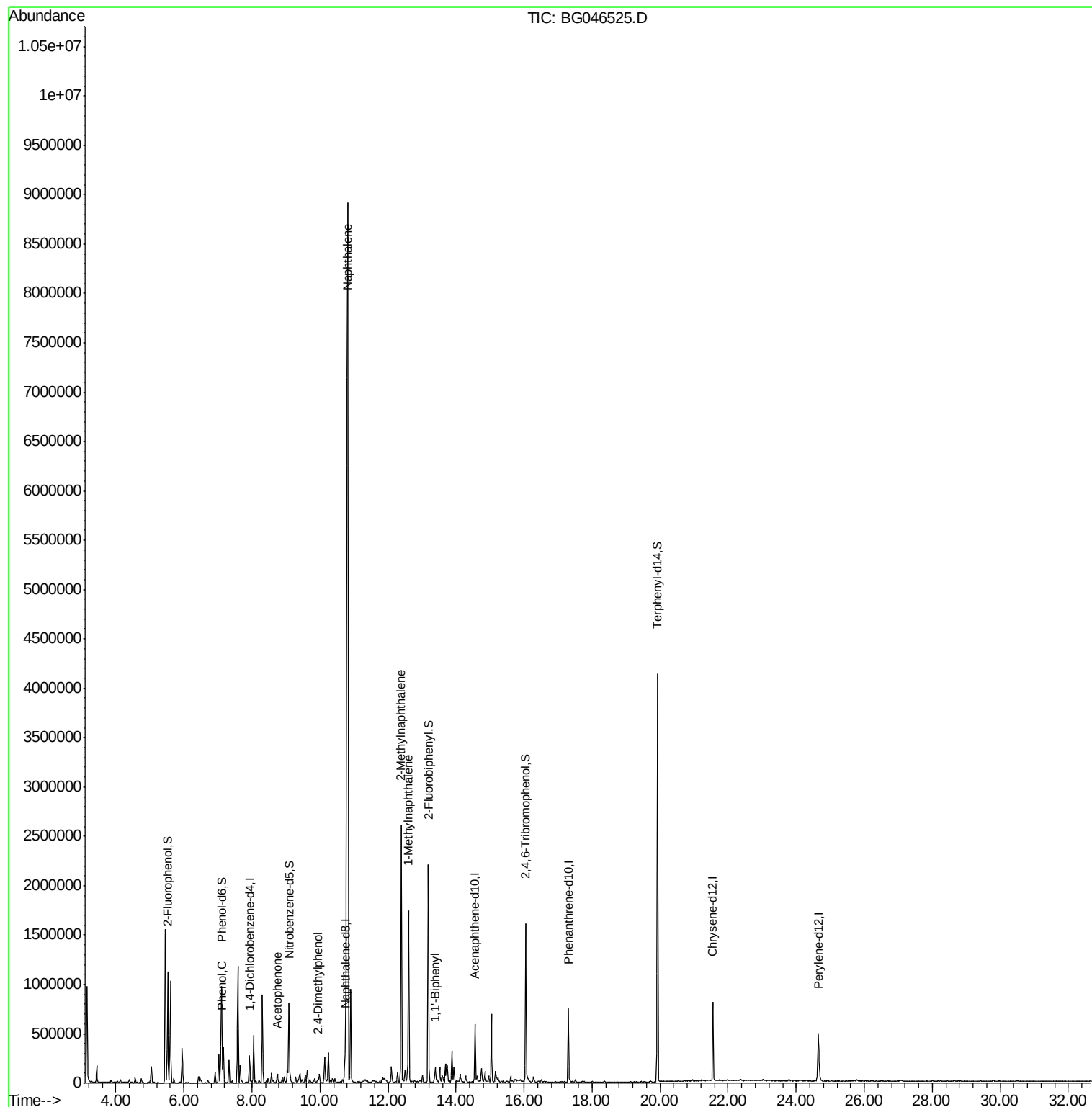
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
Data File : BG046525.D
Acq On : 3 Sep 2020 20:51
Operator : CG/JU
Sample : L3877-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

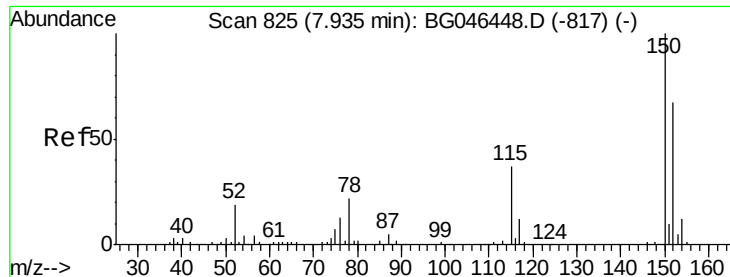
Instrument :
BNA_G
ClientSampleId :
TP-1

Manual Integrations
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#1

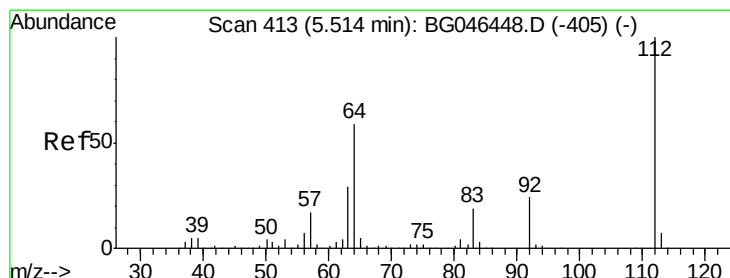
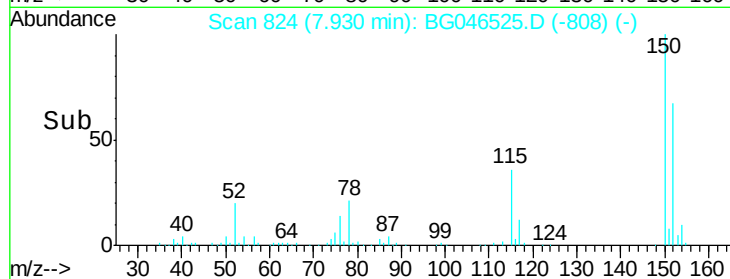
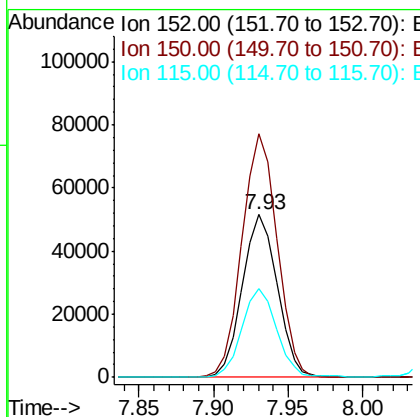
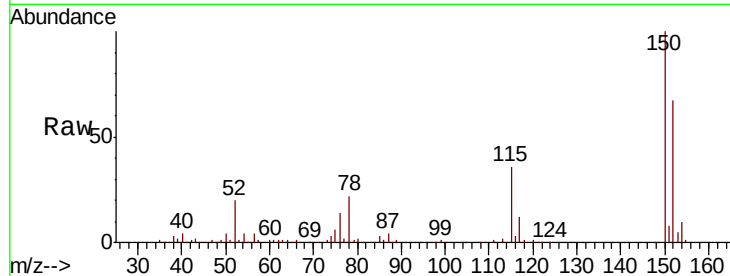
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Instrument :
BNA_G
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	119.5	179.3
115	54.7	44.3	66.5

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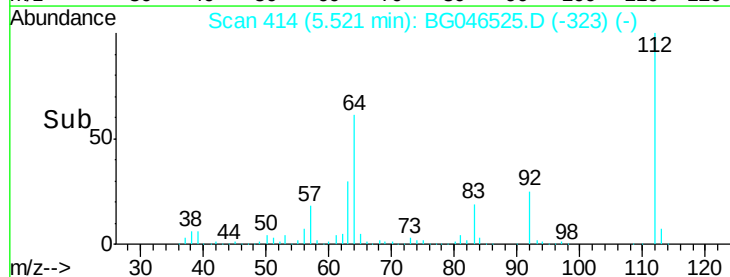
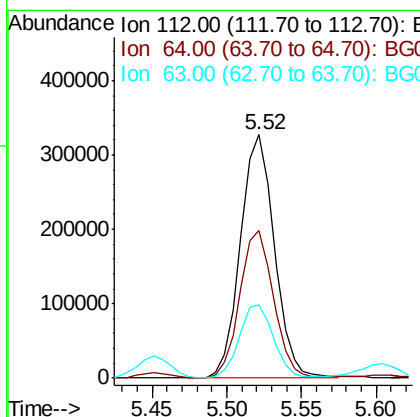
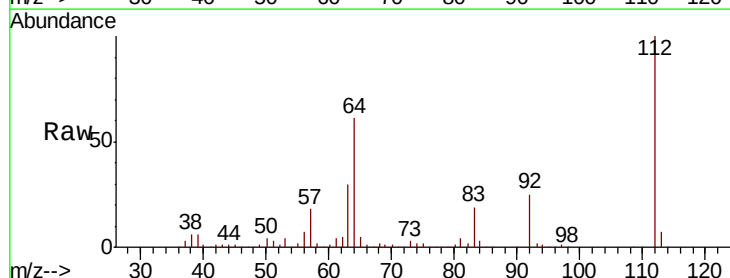
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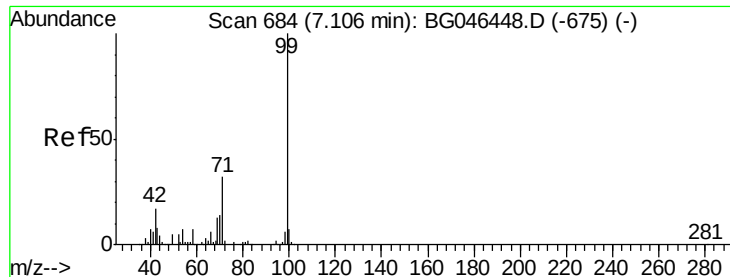


#5

2-Fluorophenol
Concen: 109.901 ng
RT: 5.52 min Scan# 414
Delta R.T. 0.01 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.0	70.6
63	30.0	23.5	35.3





#7

Phenol-d6

Concen: 90.621 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046525.D

Acq: 3 Sep 2020 20:51

Instrument :

BNA_G

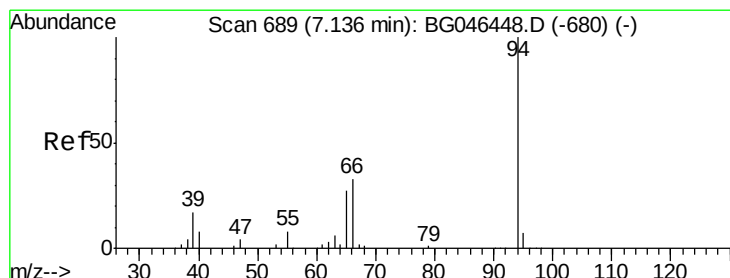
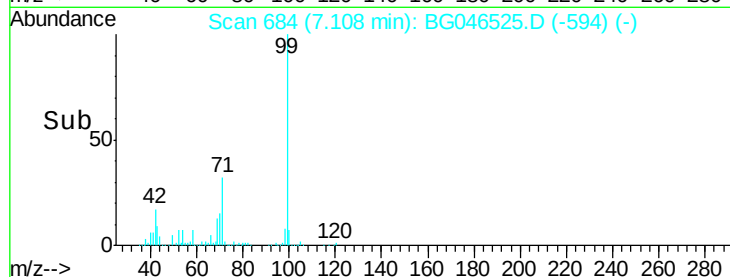
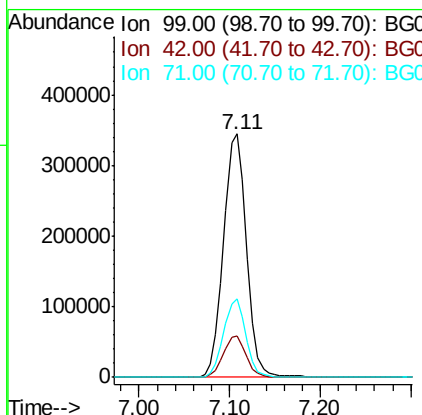
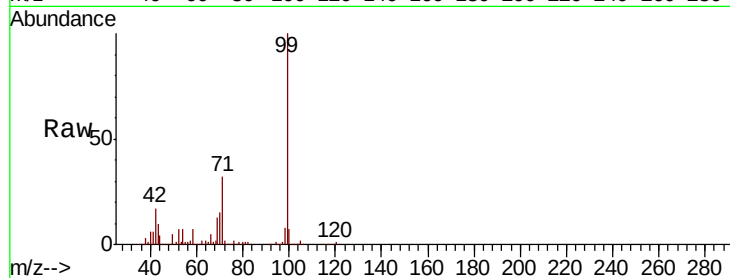
ClientSampleId :

TP-1

Tot Ion:	99	Resp:	605787
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.3	19.9
71	32.2	25.3	37.9

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#10

Phenol

Concen: 8.539 ng

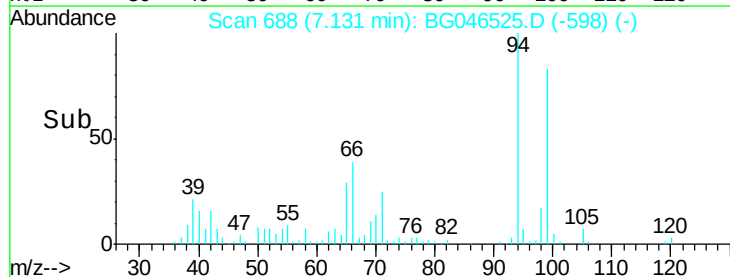
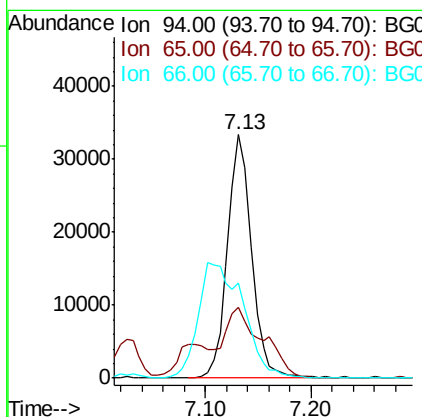
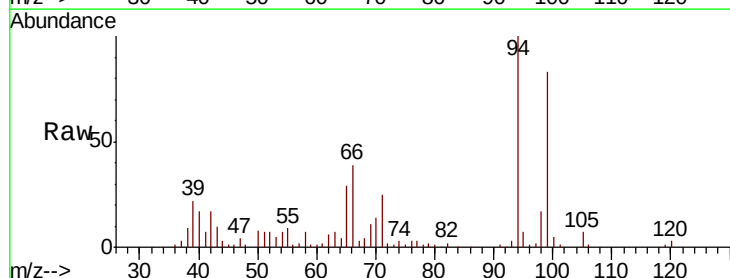
RT: 7.13 min Scan# 688

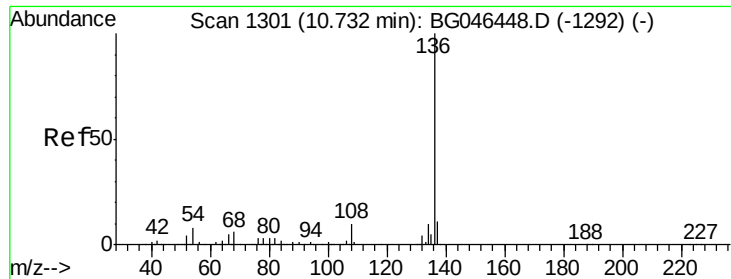
Delta R.T. 0.00 min

Lab File: BG046525.D

Acq: 3 Sep 2020 20:51

Tgt Ion:	94	Resp:	52575
Ion	Ratio	Lower	Upper
94	100		
65	29.0	7.5	47.5
66	39.1	14.1	54.1





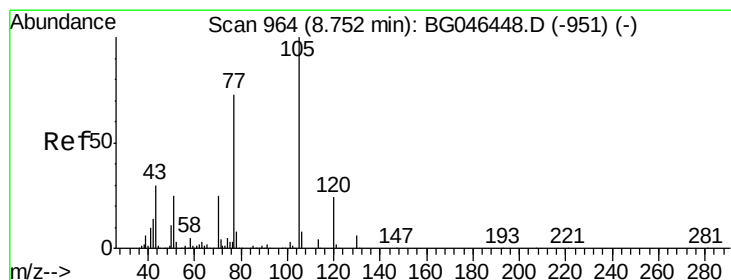
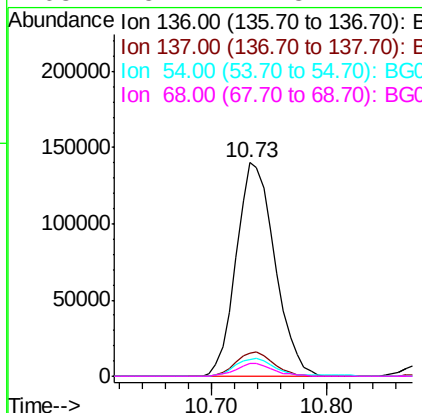
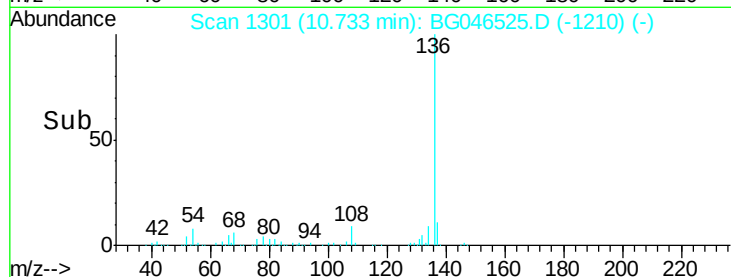
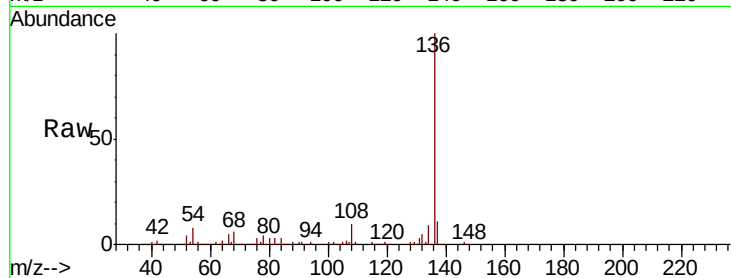
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100	324942		
137	10.8		8.8	13.2
54	8.1		6.1	9.1
68	5.7		4.8	7.2

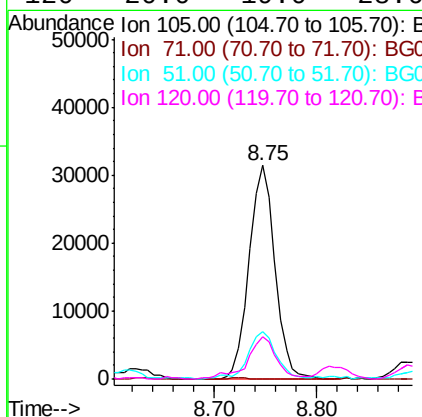
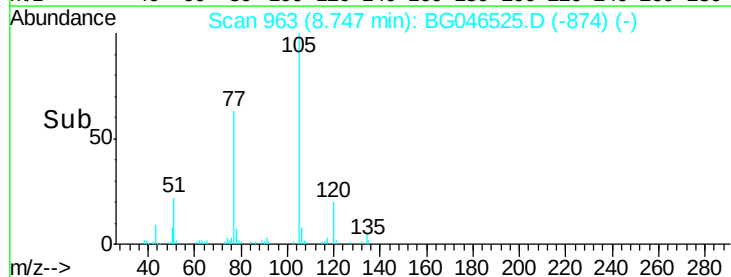
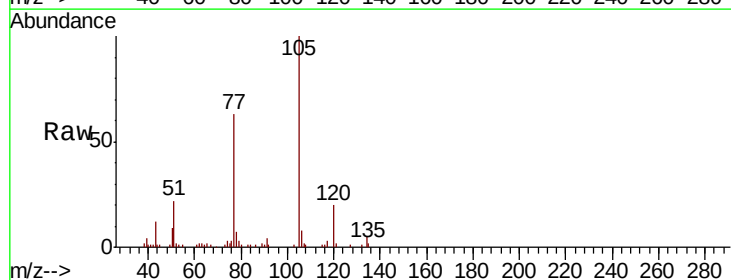
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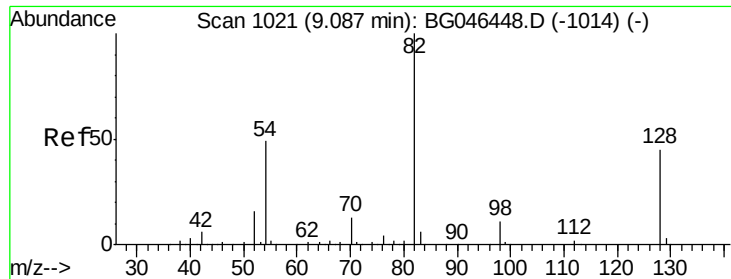
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#22
Acetophenone
Concen: 6.945 ng m
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	54935		
71	0.0		3.3	4.9#
51	22.3		20.6	31.0
120	20.0		19.0	28.6





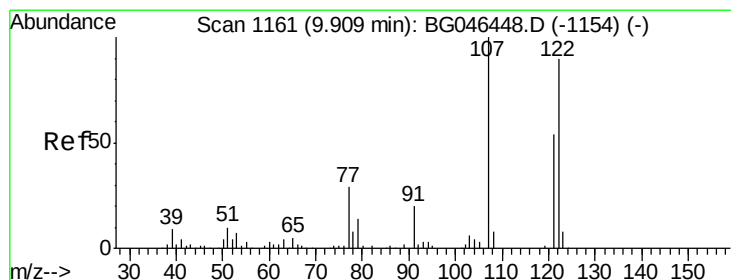
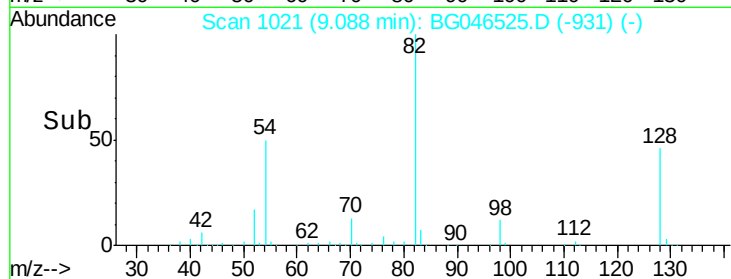
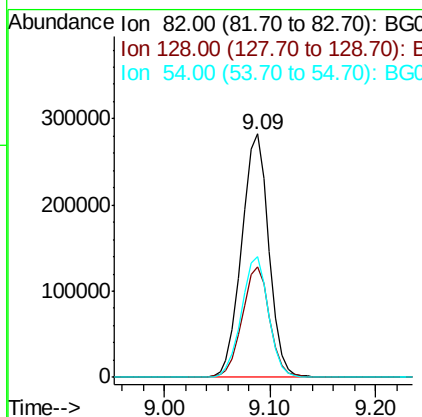
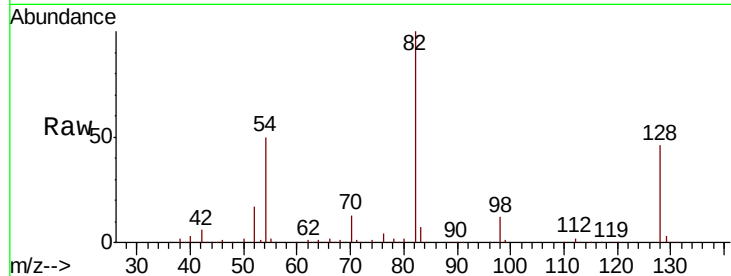
#23
 Nitrobenzene-d5
 Concen: 89.004 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046525.D
 Acq: 3 Sep 2020 20:51

Instrument :
 BNA_G
 ClientSampled :
 TP-1

Tot Ion	Ratio	Resp	Lower	Upper
82	100	506010		
128	45.6		35.7	53.5
54	49.6		39.4	59.0

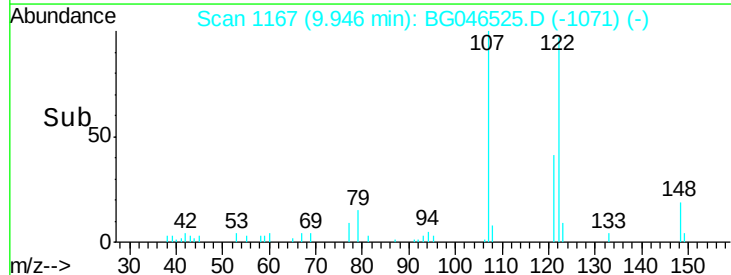
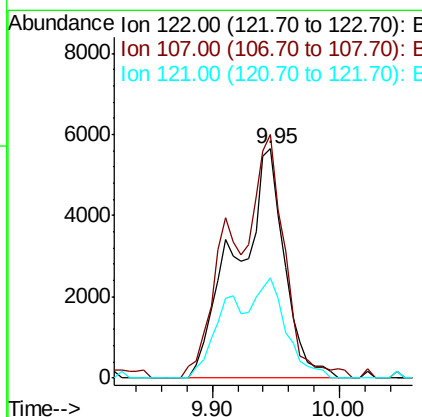
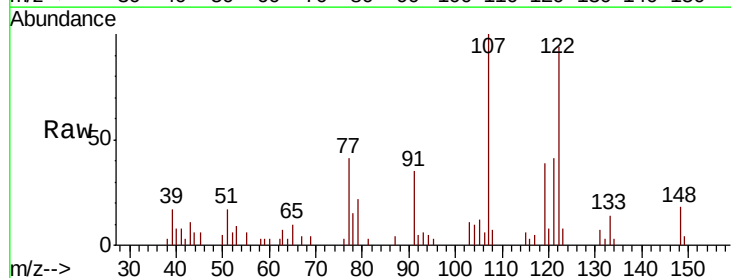
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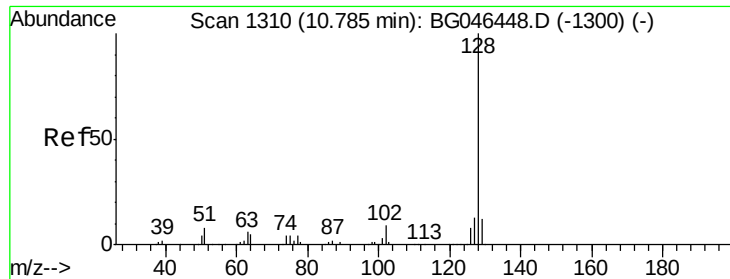
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#27
 2,4-Dimethylphenol
 Concen: 3.676 ng m
 RT: 9.95 min Scan# 1167
 Delta R.T. 0.04 min
 Lab File: BG046525.D
 Acq: 3 Sep 2020 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	14984		
107	106.2		88.2	132.2
121	44.0		47.4	71.0#





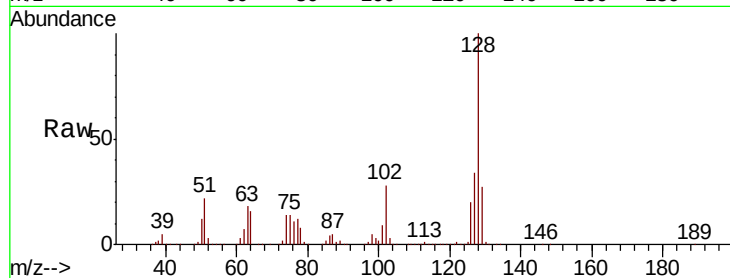
#31
Naphthalene
Concen: 471.406 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.04 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Instrument :
BNA_G
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
128	100		
129	26.8	9.2	13.8#
127	33.9	10.7	16.1#

Manual Integrations
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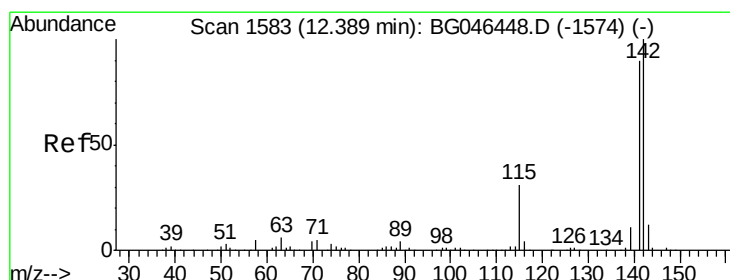
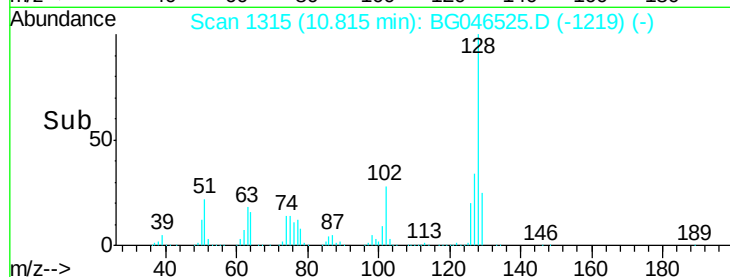
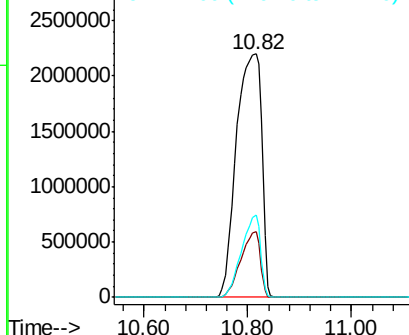


Abundance

Ion 128.00 (127.70 to 128.70): E

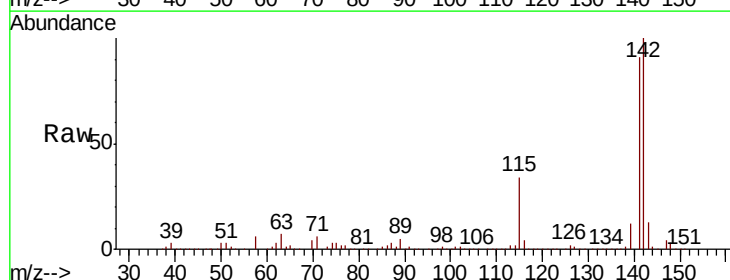
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37
2-Methylnaphthalene
Concen: 105.262 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.1	108.1
115	34.4	24.9	37.3

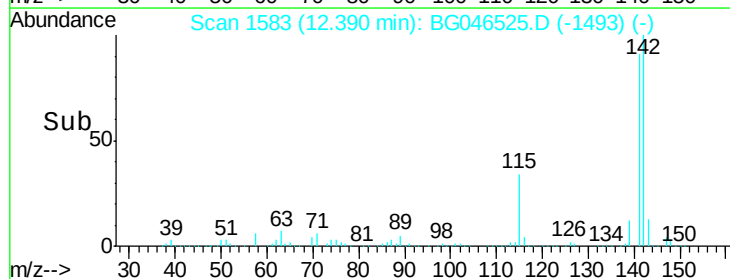
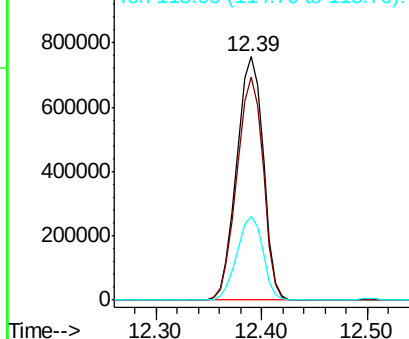


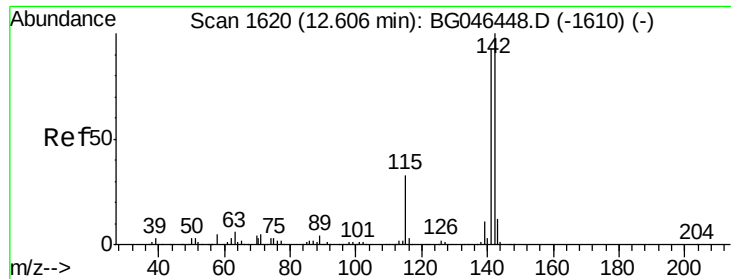
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





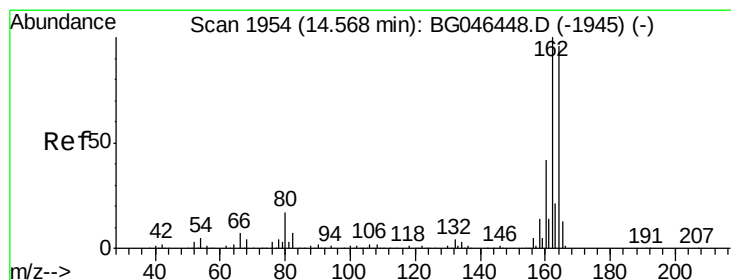
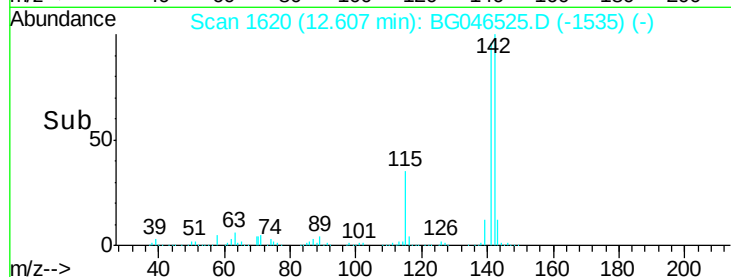
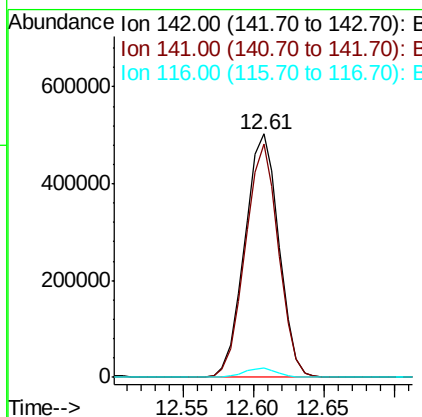
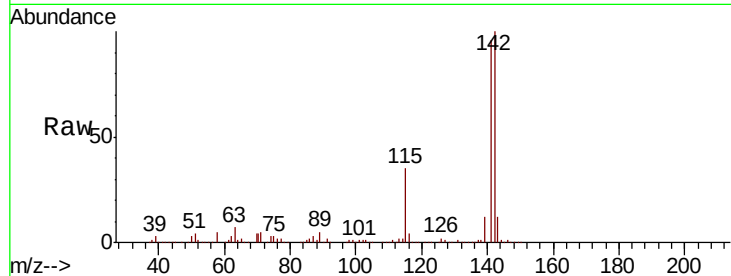
#38
1-Methylnaphthalene
Concen: 71.858 ng m
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Instrument :
BNA_G
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.7	74.7	112.1
116	4.0	2.6	4.0#

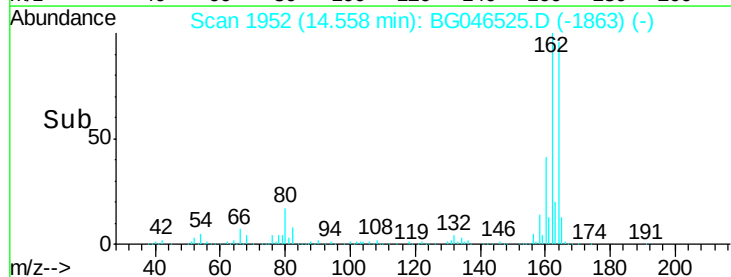
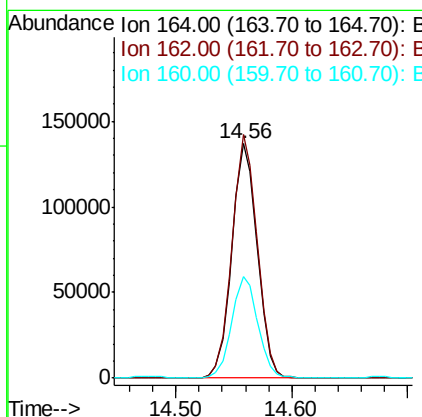
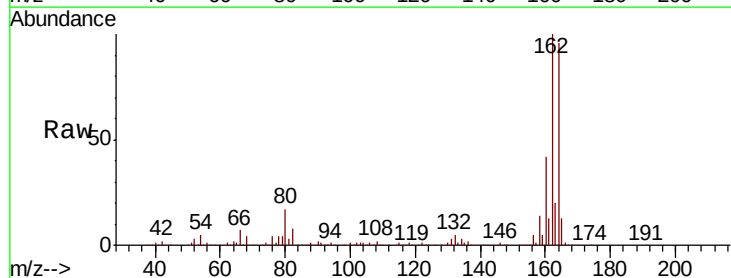
Manual Integrations
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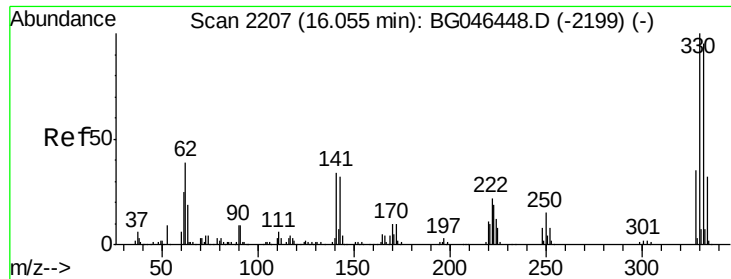
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.3	124.9
160	43.6	35.0	52.6





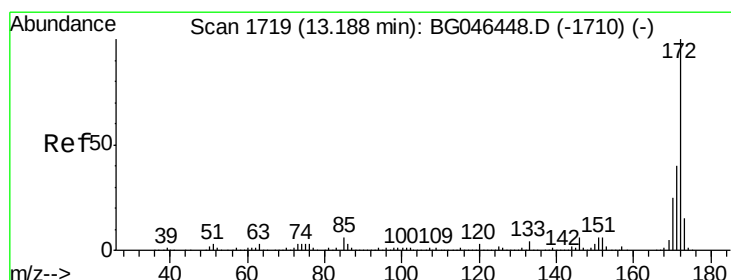
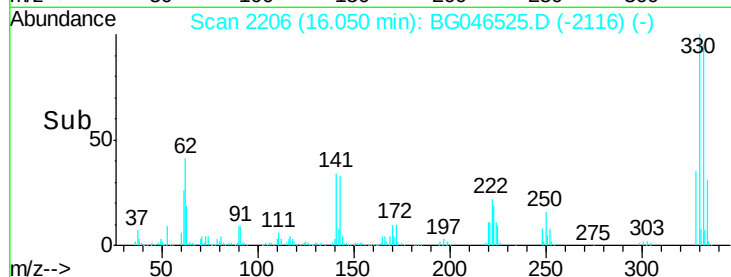
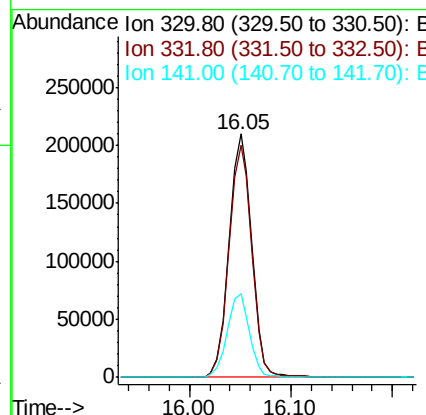
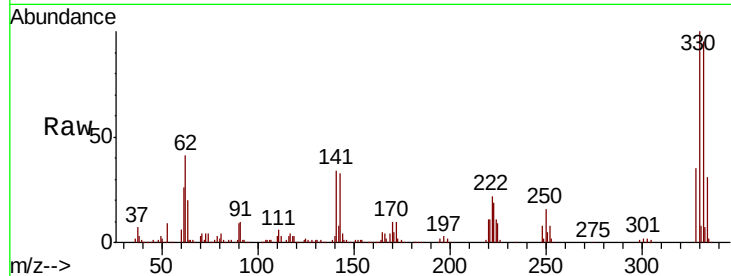
#42
 2,4,6-Tribromophenol
 Concen: 115.417 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BG046525.D
 Acq: 3 Sep 2020 20:51

Instrument :
 BNA_G
 ClientSampled :
 TP-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	325474		
332	95.7		76.1	114.1
141	34.1		26.1	39.1

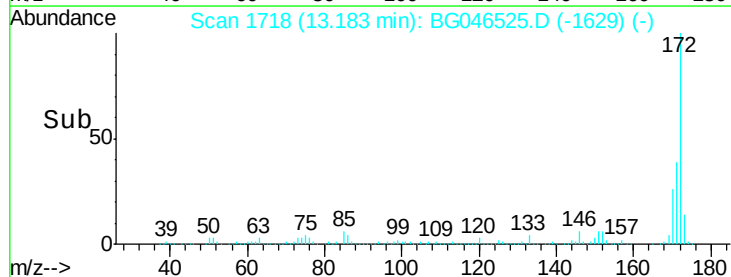
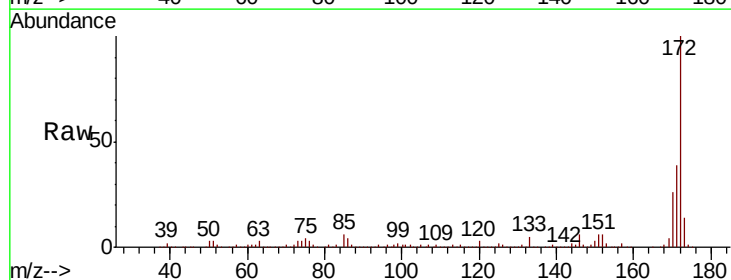
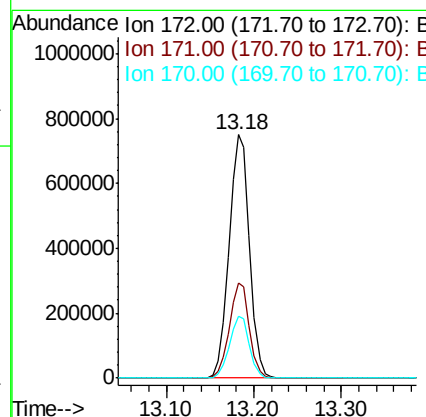
Manual Integrations
 APPROVED

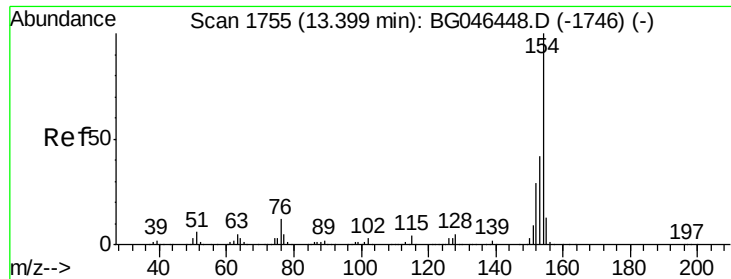
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#45
 2-Fluorobiphenyl
 Concen: 87.852 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046525.D
 Acq: 3 Sep 2020 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1197754		
171	39.2		31.8	47.6
170	25.6		20.3	30.5





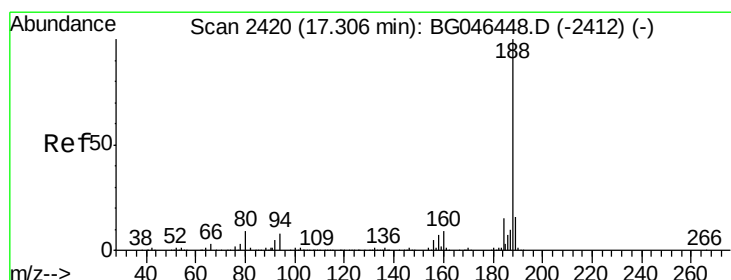
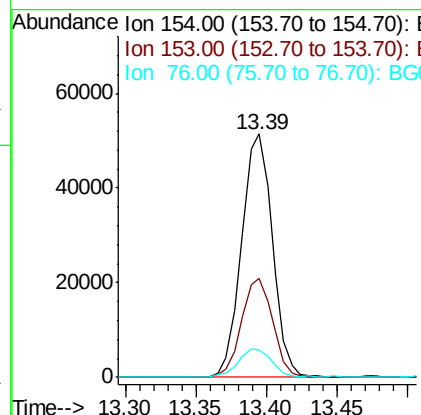
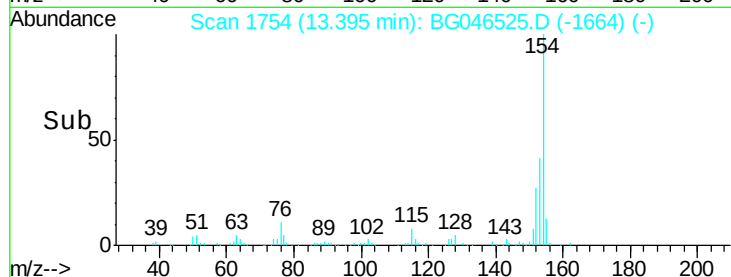
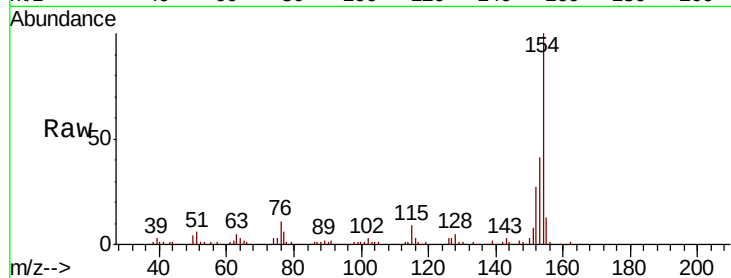
#46
 1,1'-Biphenyl
 Concen: 5.440 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BG046525.D
 Acq: 3 Sep 2020 20:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	22.0	62.0
76	11.3	0.0	32.3

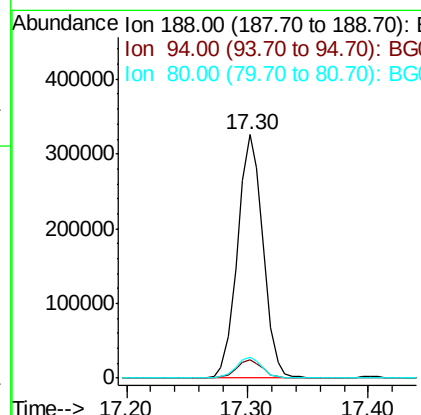
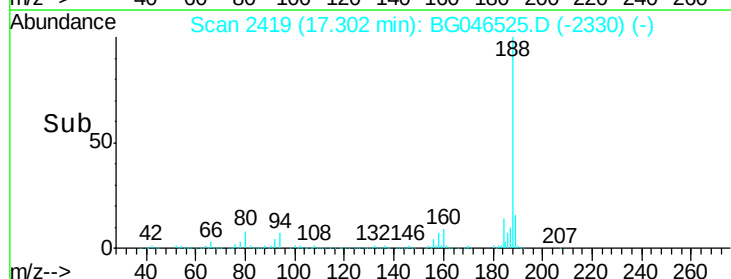
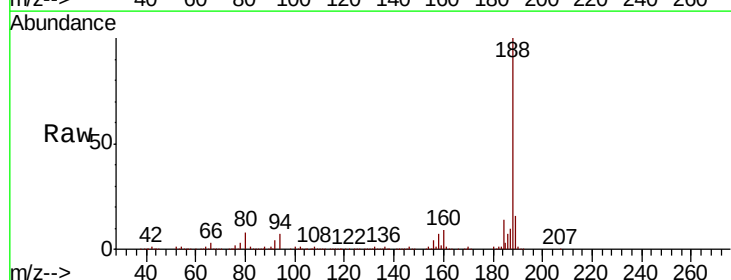
Manual Integrations
 APPROVED

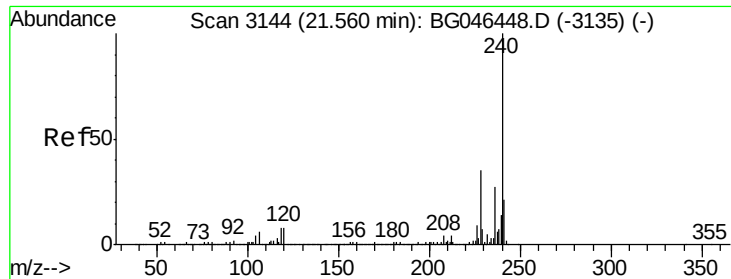
mohammad
 9/4/2020 1:55:03 PM



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BG046525.D
 Acq: 3 Sep 2020 20:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.3	9.5
80	8.3	6.9	10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046525.D

Acq: 3 Sep 2020 20:51

Instrument :

BNA_G

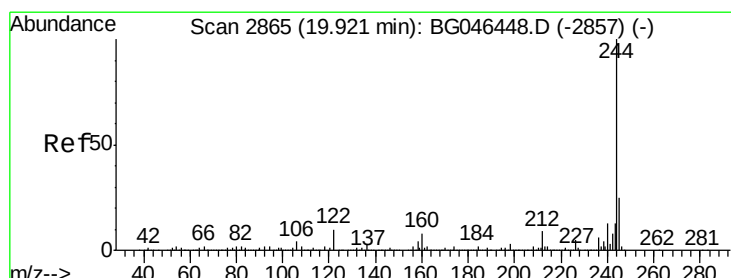
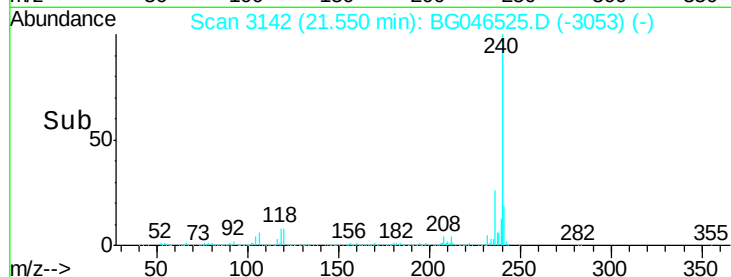
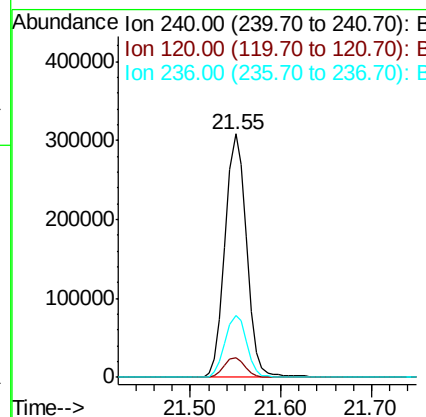
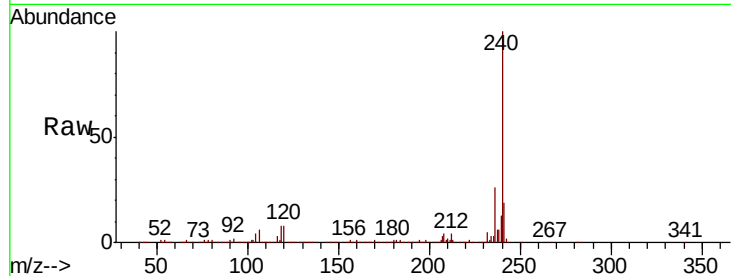
ClientSampleId :

TP-1

Tot Ion:	240	Resp:	507803
Ion Ratio	Lower	Upper	
240	100		
120	8.2	6.6	10.0
236	25.6	21.4	32.2

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#79

Terphenyl-d14

Concen: 77.914 ng

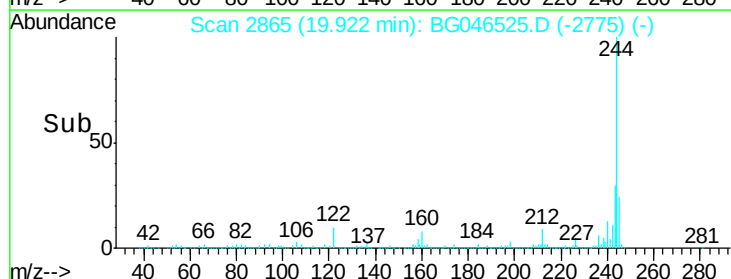
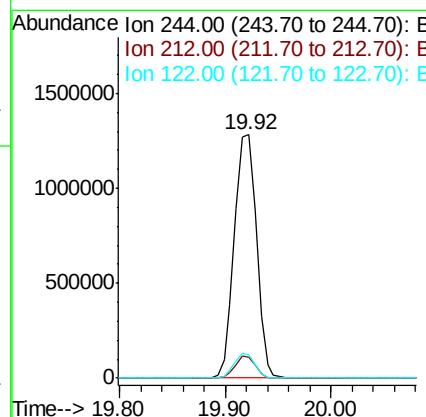
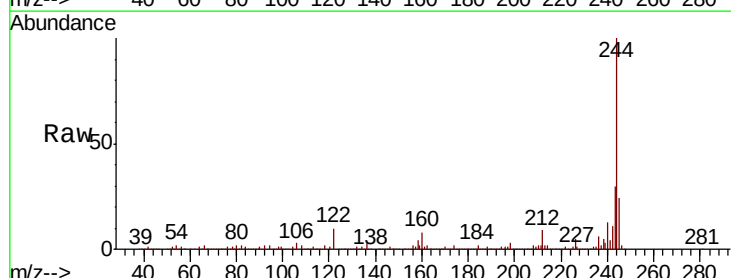
RT: 19.92 min Scan# 2865

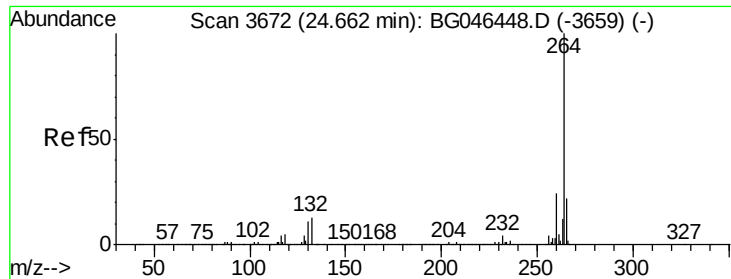
Delta R.T. 0.00 min

Lab File: BG046525.D

Acq: 3 Sep 2020 20:51

Tgt Ion:	244	Resp:	1859103
Ion Ratio	Lower	Upper	
244	100		
212	8.7	6.9	10.3
122	9.8	8.2	12.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.2	17.9	26.9

Manual Integrations
APPROVED

mohammad
9/4/2020 1:55:03 PM

