

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044794.D
 Acq On : 14 Mar 2020 11:47
 Operator : CG/JU
 Sample : L1826-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MC5B40

Manual Integrations
 APPROVED

mohammad
 3/18/2020 8:43:37 AM

Quant Time: Mar 16 02:58:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	227089	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	935922	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	613131	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	1216099	20.00	ng	0.00
76) Chrysene-d12	21.70	240	1045179	20.00	ng	-0.01
87) Perylene-d12	24.92	264	1189125	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	834411	57.20	ng	0.00
7) Phenol-d6	7.21	99	1067582	50.37	ng	0.00
23) Nitrobenzene-d5	9.21	82	931161	43.66	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	524101	65.28	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1841035	43.00	ng	0.00
79) Terphenyl-d14	20.05	244	2423000	43.36	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	183796	3.764	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	29134m	2.277	ng	
70) Pentachlorophenol	17.08	266	555264	61.186	ng	99

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

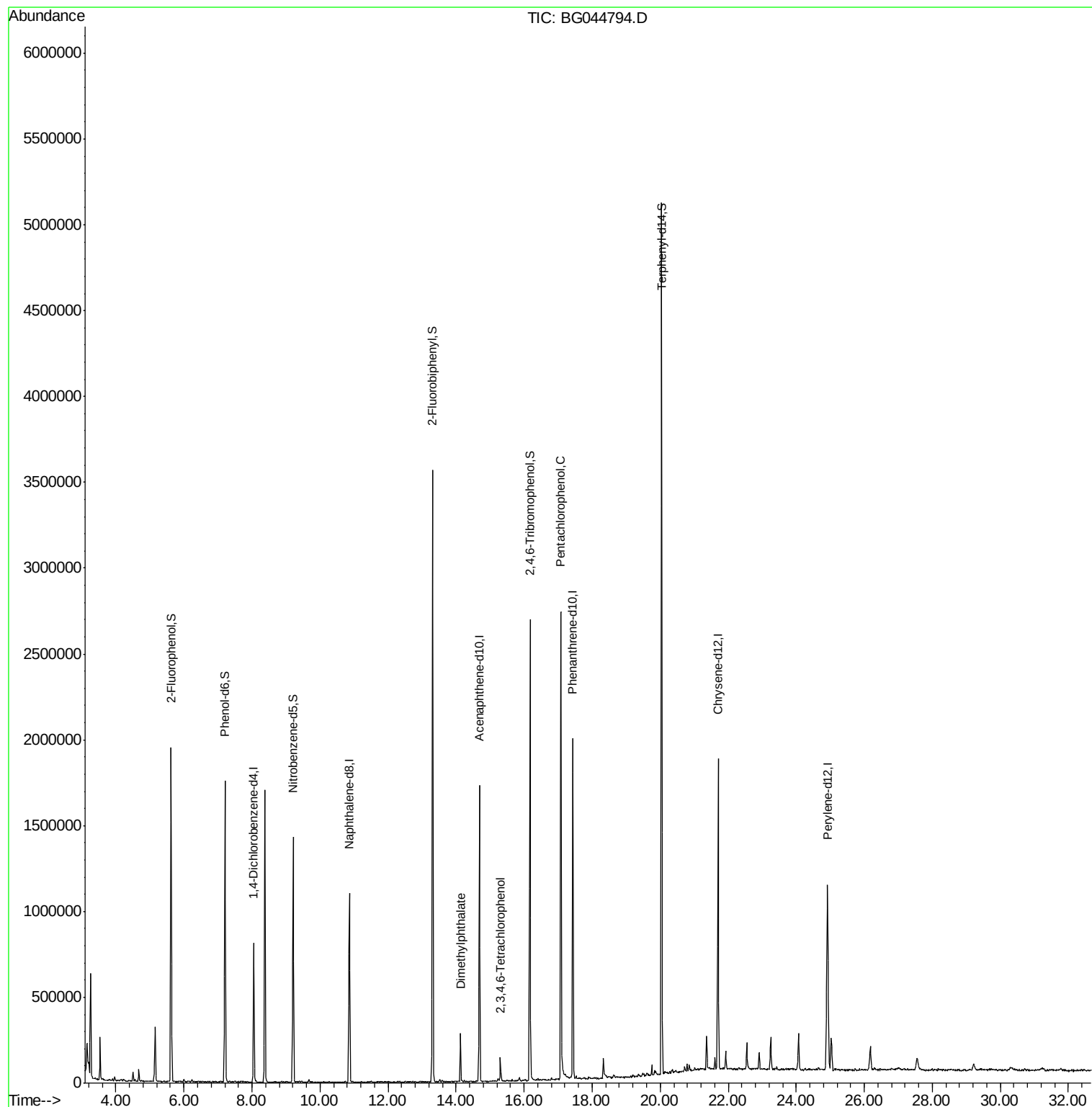
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044794.D
Acq On : 14 Mar 2020 11:47
Operator : CG/JU
Sample : L1826-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

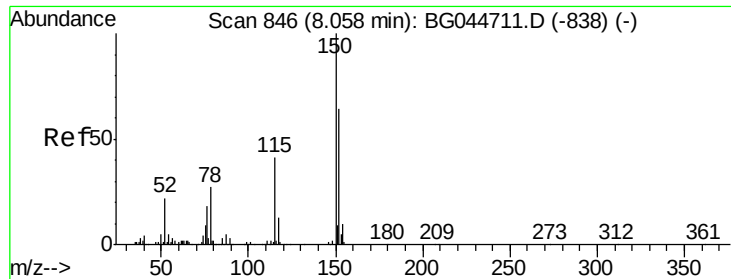
Instrument :
BNA_G
ClientSampleId :
MC5B40

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Quant Time: Mar 16 02:58:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

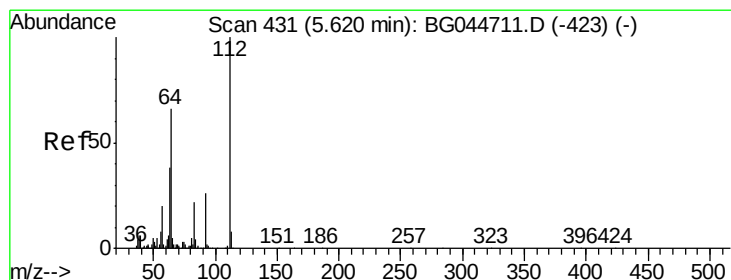
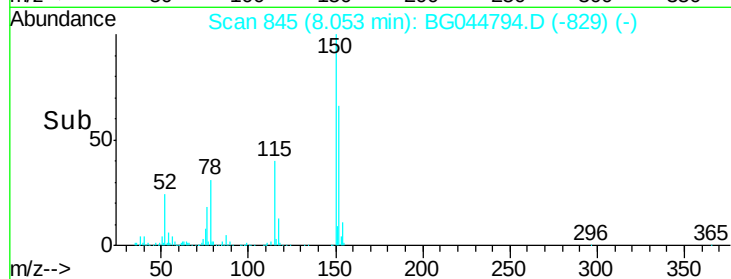
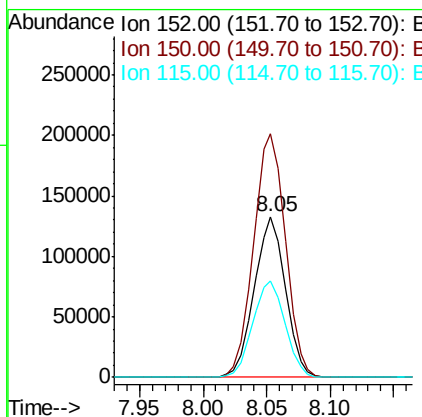
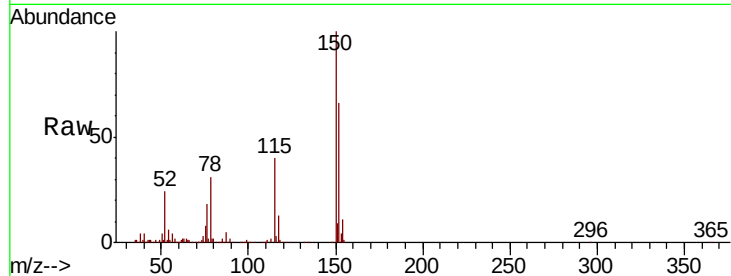
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Instrument :
BNA_G
ClientSampled :
MC5B40

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	125.3	187.9
115	60.0	51.7	77.5

Manual Integrations
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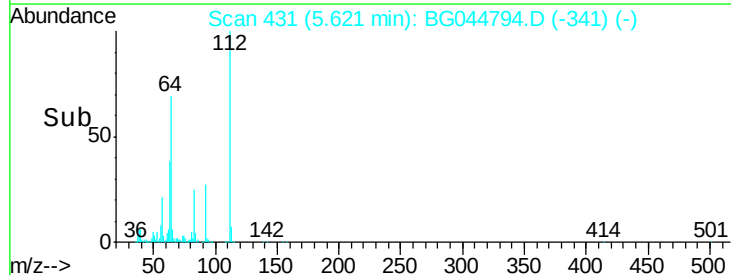
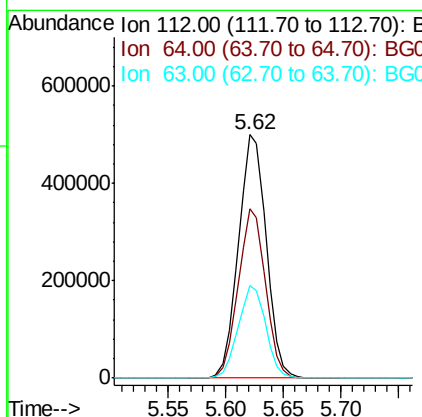
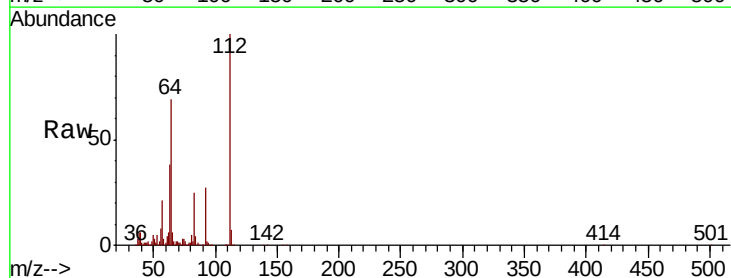
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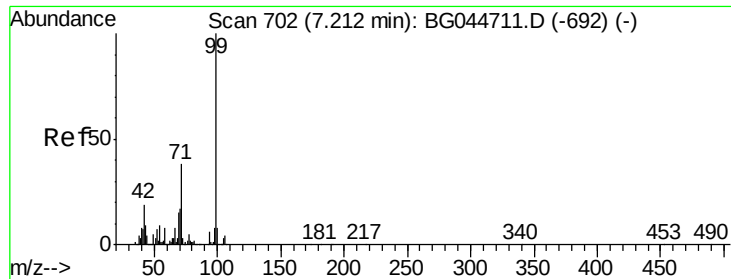


#5

2-Fluorophenol
Concen: 57.199 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	52.6	78.8
63	38.0	30.2	45.4





#7

Phenol-d6

Concen: 50.369 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044794.D

Acq: 14 Mar 2020 11:47

Instrument :

BNA_G

ClientSampleId :

MC5B40

Tot Ion: 99 Resp: 1067582

Ion Ratio Lower Upper

99 100

42 17.5 15.4 23.0

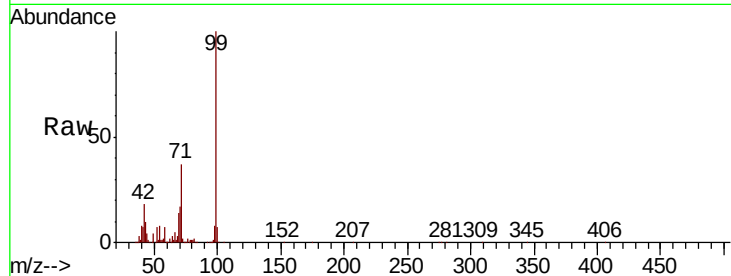
71 36.8 30.2 45.4

Manual Integrations

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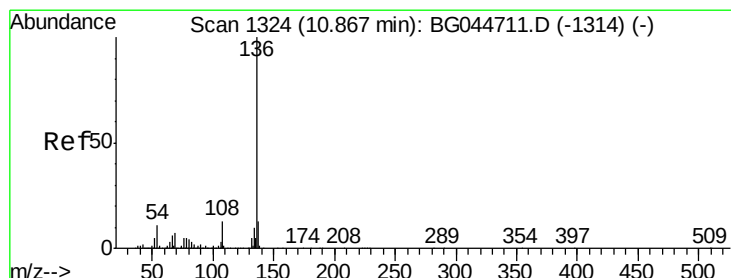
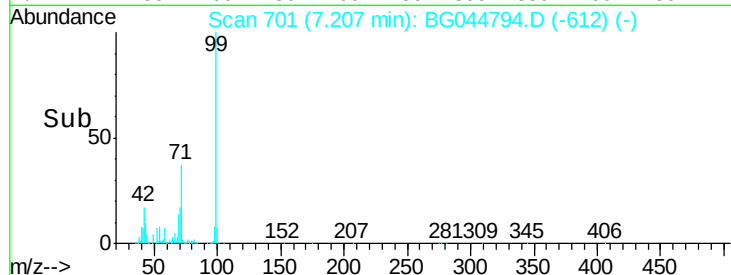
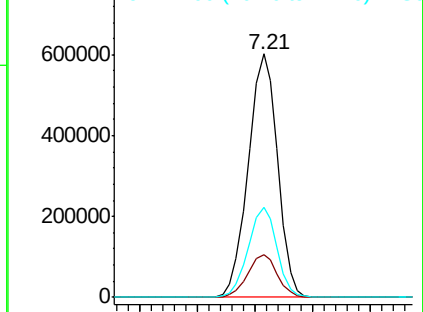


Abundance

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: 10.86 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BG044794.D

Acq: 14 Mar 2020 11:47

Tgt Ion: 136 Resp: 935922

Ion Ratio Lower Upper

136 100

137 11.2 10.7 16.1

54 9.1 9.0 13.4

68 7.2 5.9 8.9

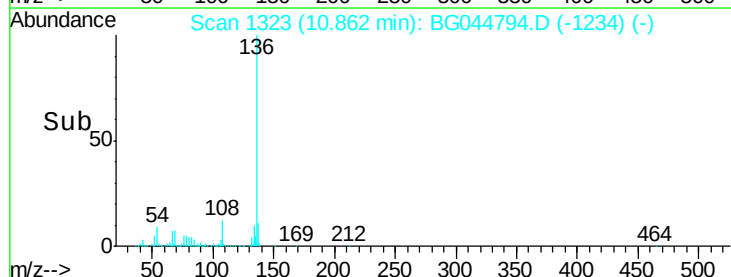
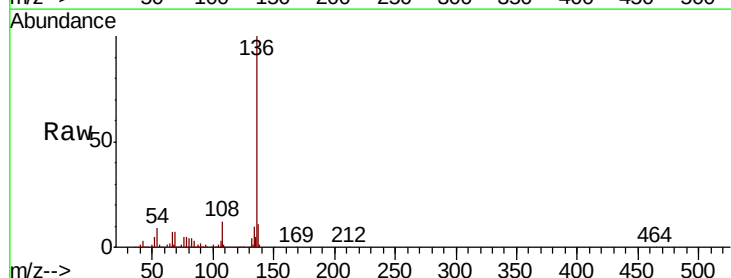
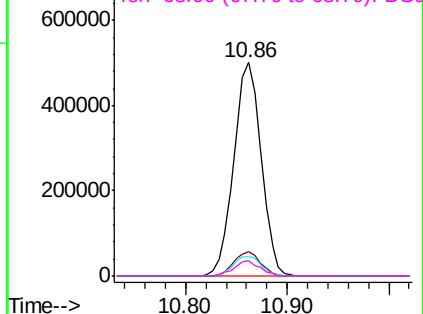
Abundance

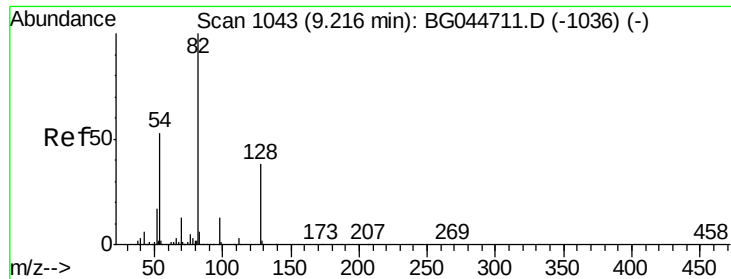
Ion 136.00 (135.70 to 136.70): BGC

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





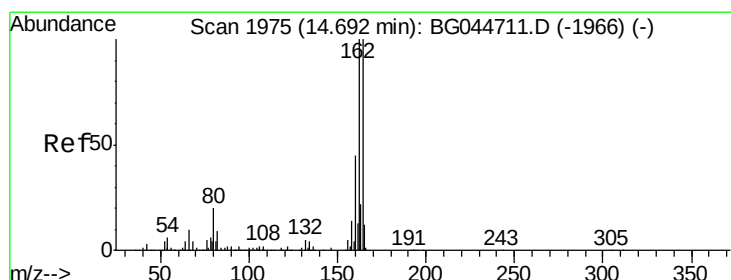
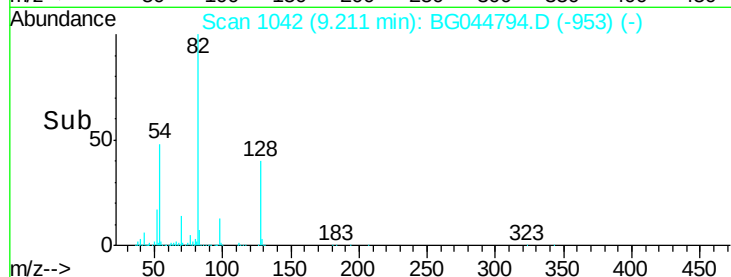
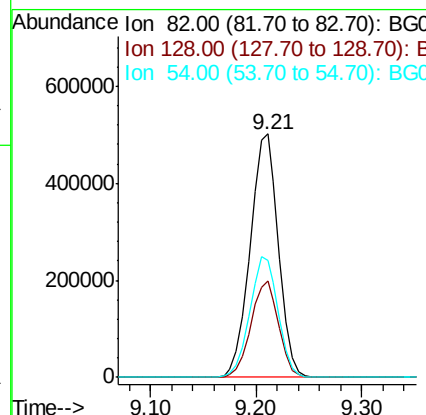
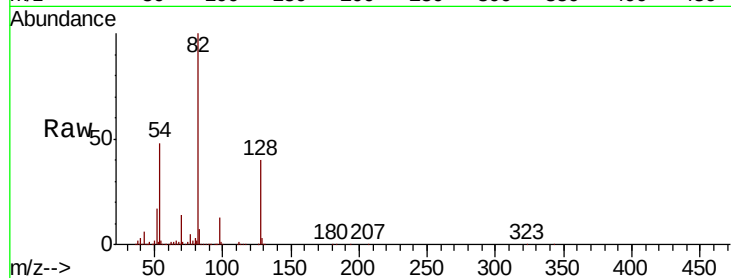
#23
 Nitrobenzene-d5
 Concen: 43.658 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG044794.D
 Acq: 14 Mar 2020 11:47

Instrument :
 BNA_G
 ClientSampleId :
 MC5B40

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	30.2	45.2
54	48.0	41.8	62.8

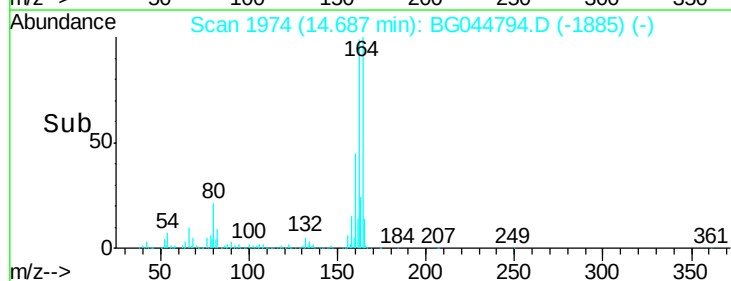
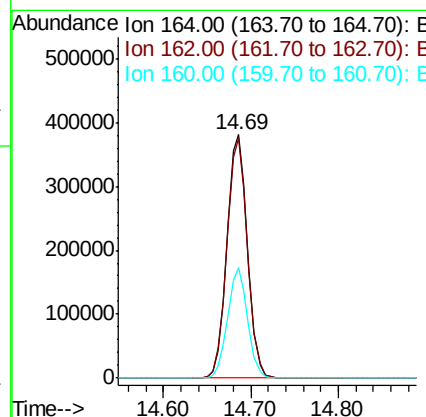
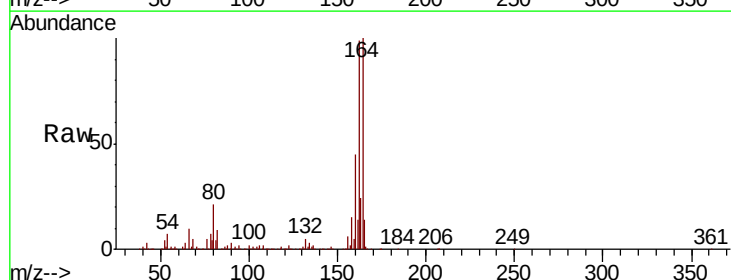
Manual Integrations
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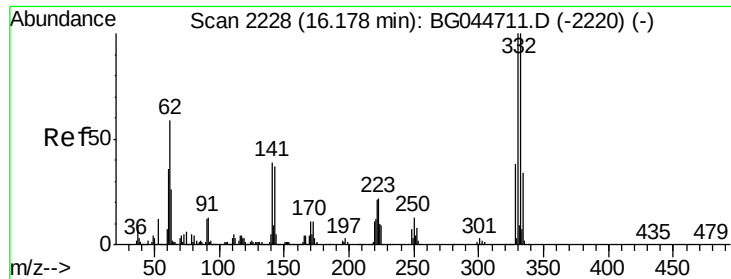
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG044794.D
 Acq: 14 Mar 2020 11:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.2	120.4
160	45.4	36.2	54.2





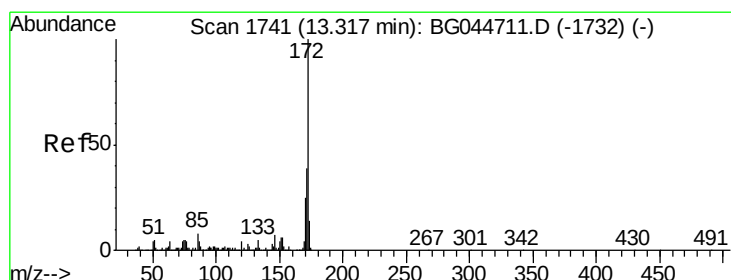
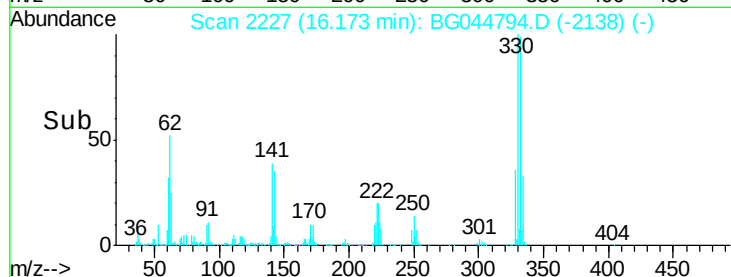
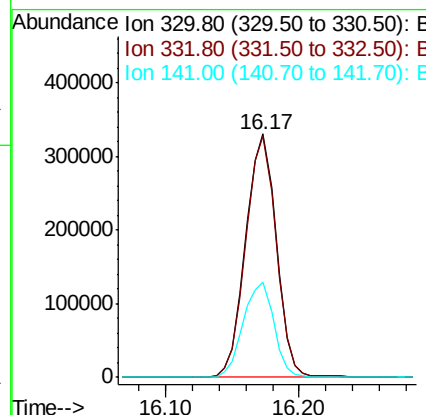
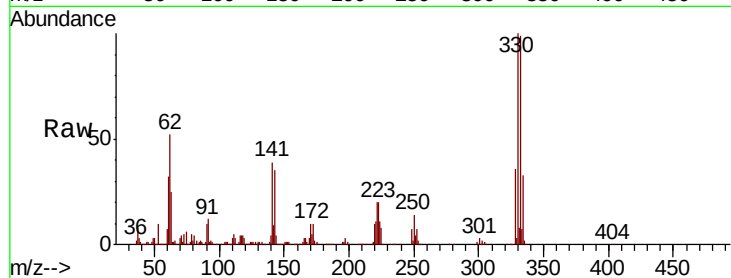
#42
2,4,6-Tribromophenol
Concen: 65.284 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Instrument :
BNA_G
ClientSampleId :
MC5B40

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.5	116.3
141	39.2	31.7	47.5

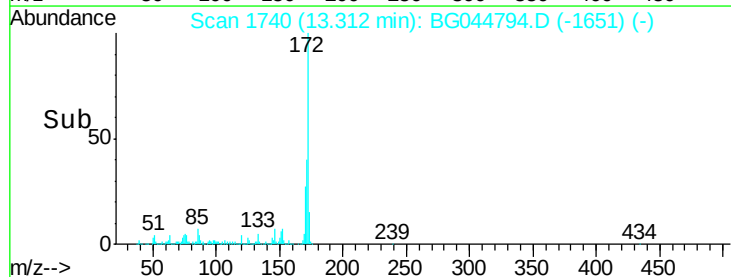
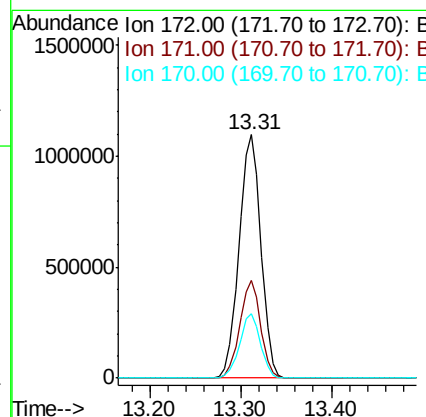
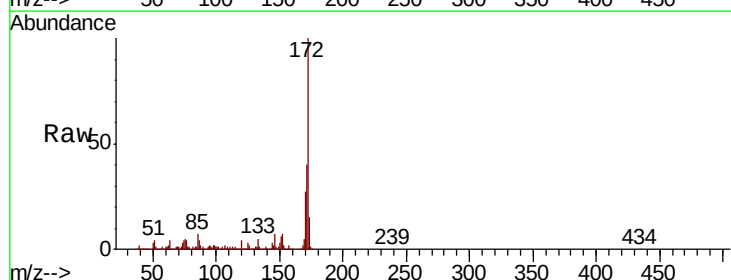
Manual Integrations
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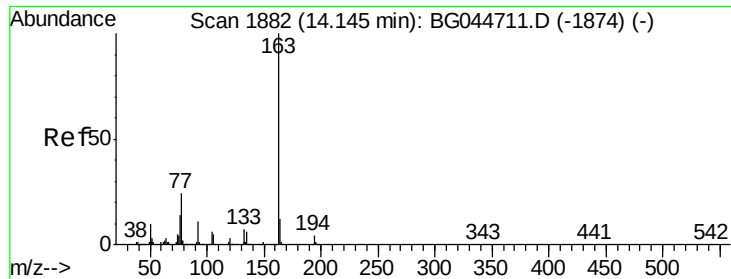
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#45
2-Fluorobiphenyl
Concen: 42.999 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.3	30.8	46.2
170	26.6	20.0	30.0





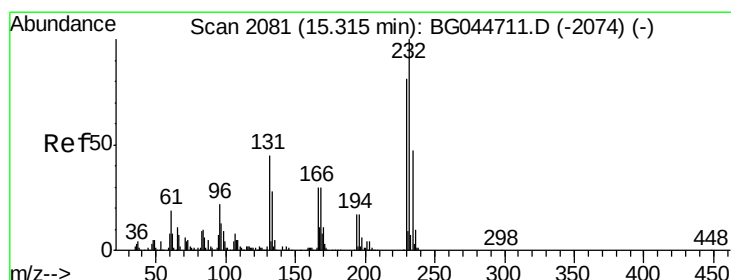
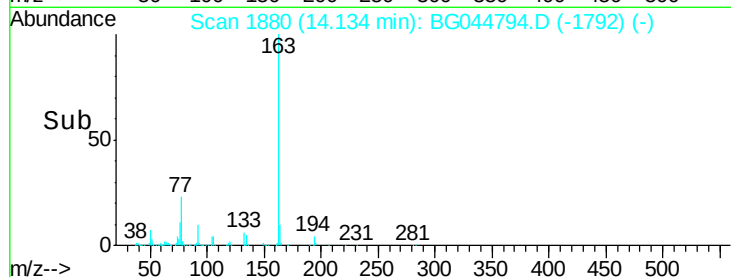
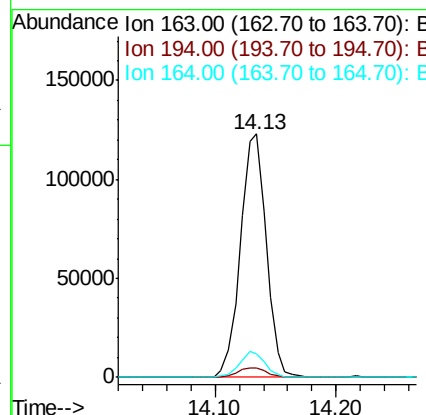
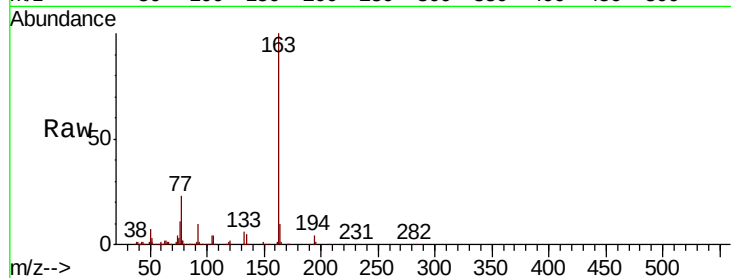
#50
Dimethylphthalate
Concen: 3.764 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Instrument :
BNA_G
ClientSampleId :
MC5B40

Tot Ion	Ratio	Resp	Lower	Upper
163	100	183796		
194	4.1		3.5	5.3
164	9.6		9.2	13.8

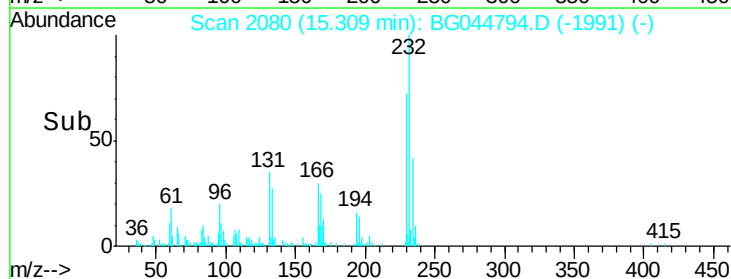
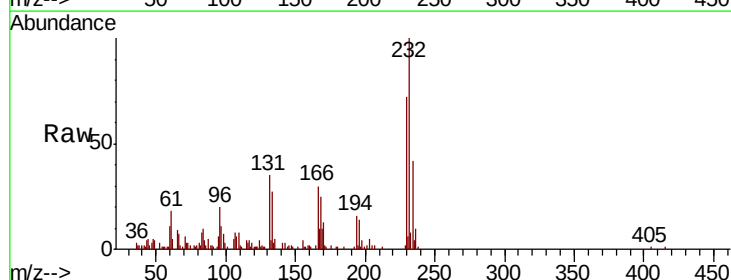
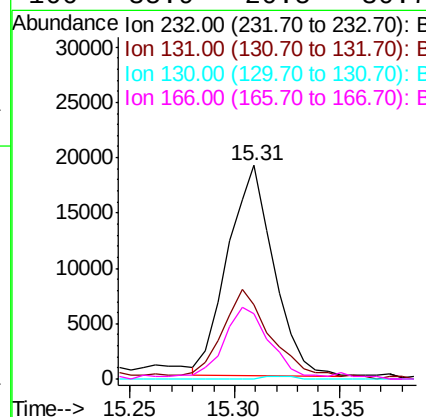
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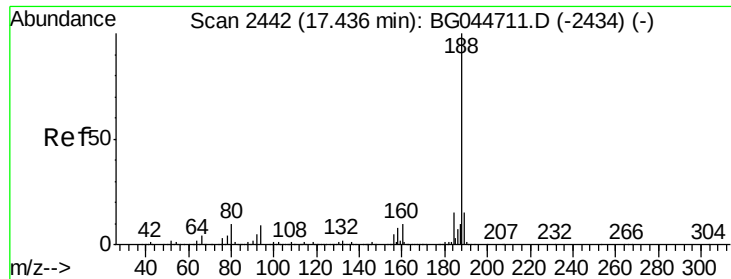
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#59
2,3,4,6-Tetrachlorophenol
Concen: 2.277 ng m
RT: 15.31 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	29134		
131	46.3		32.4	48.6
130	0.8		2.0	3.0#
166	35.9		20.5	30.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG044794.D

Acq: 14 Mar 2020 11:47

Instrument :

BNA_G

ClientSampled :

MC5B40

Tot Ion:188 Resp: 1216099

Ion Ratio Lower Upper

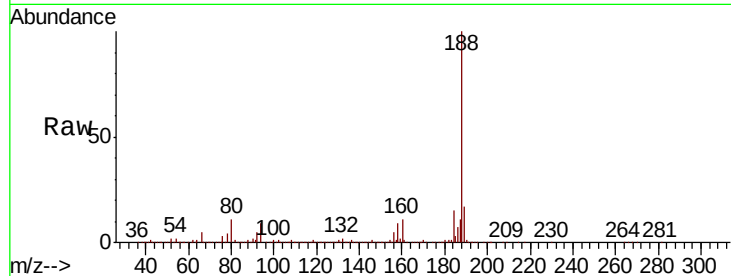
188 100

94 8.8 7.0 10.6

80 11.0 8.4 12.6

Manual Integrations
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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

1000000

800000

600000

400000

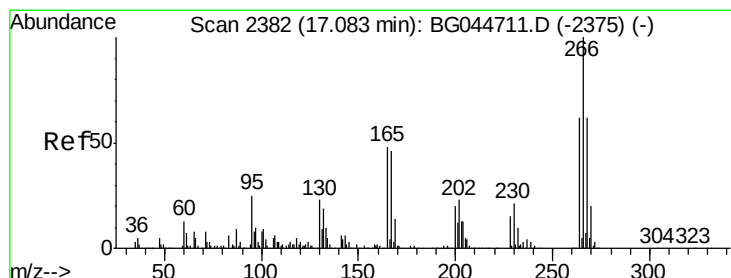
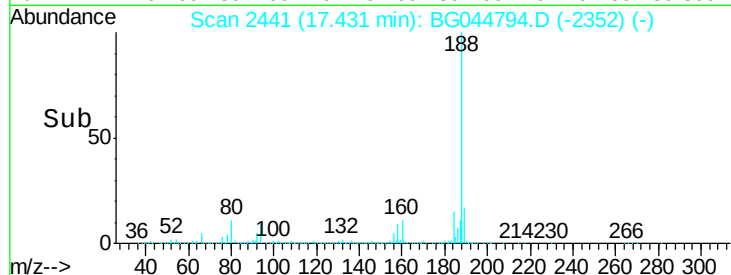
200000

0

17.43

17.40 17.50

Time-->



#70

Pentachlorophenol

Concen: 61.186 ng

RT: 17.08 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BG044794.D

Acq: 14 Mar 2020 11:47

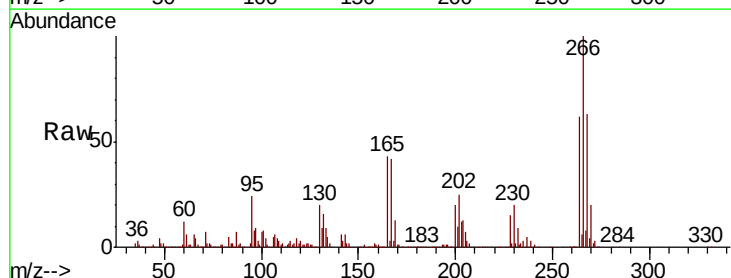
Tgt Ion:266 Resp: 555264

Ion Ratio Lower Upper

266 100

268 63.1 49.9 74.9

264 61.7 49.9 74.9



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

400000

300000

200000

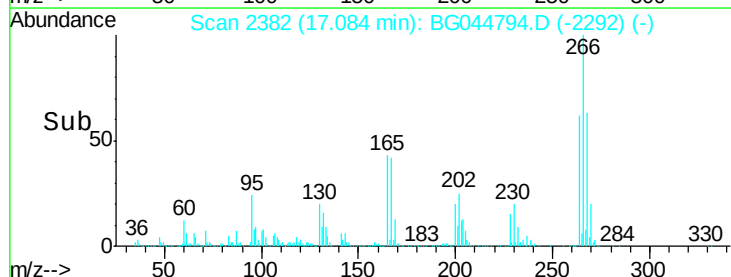
100000

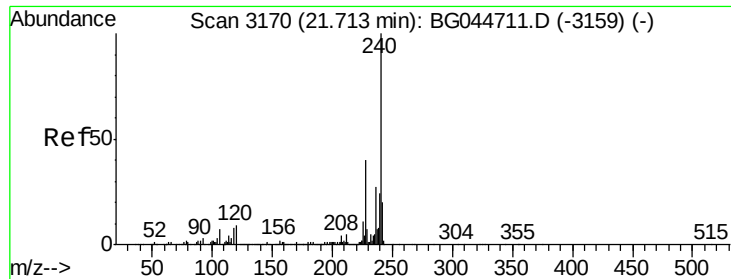
0

17.08

17.00 17.10 17.20

Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044794.D

Acq: 14 Mar 2020 11:47

Instrument :

BNA_G

ClientSampleId :

MC5B40

Tot Ion:240 Resp: 1045179

Ion Ratio Lower Upper

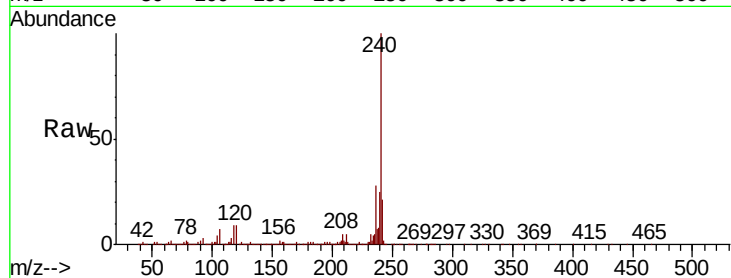
240 100

120 8.7 6.9 10.3

236 28.1 21.9 32.9

Manual Integrations
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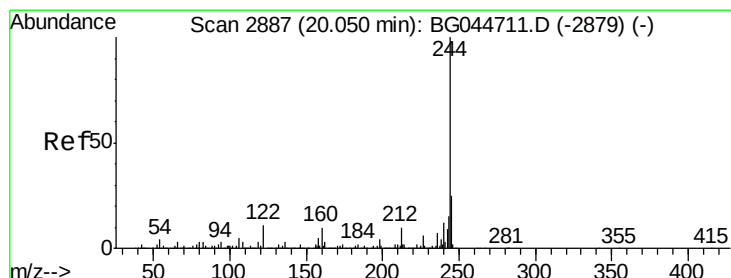
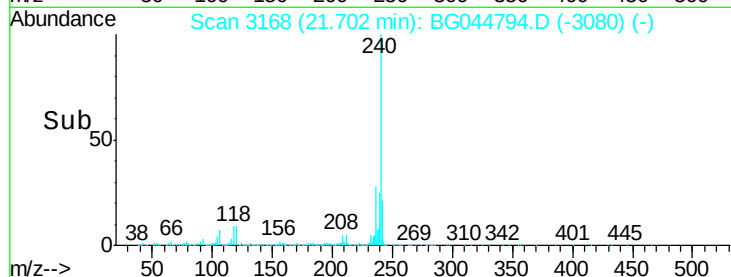
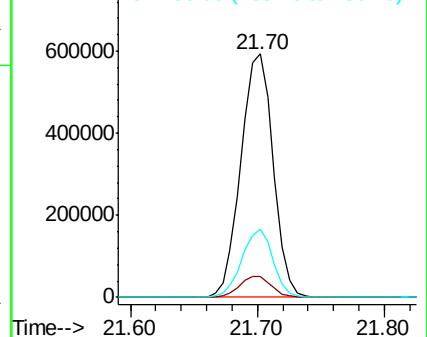
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 43.364 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044794.D

Acq: 14 Mar 2020 11:47

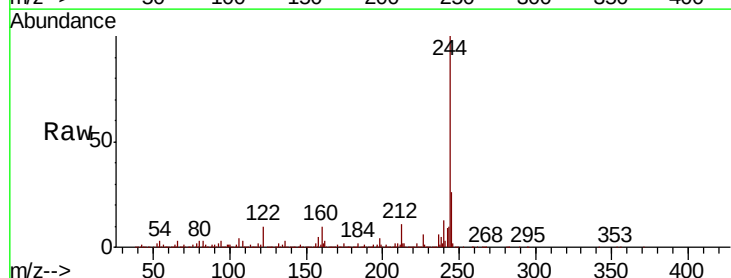
Tgt Ion:244 Resp: 2423000

Ion Ratio Lower Upper

244 100

212 10.7 8.4 12.6

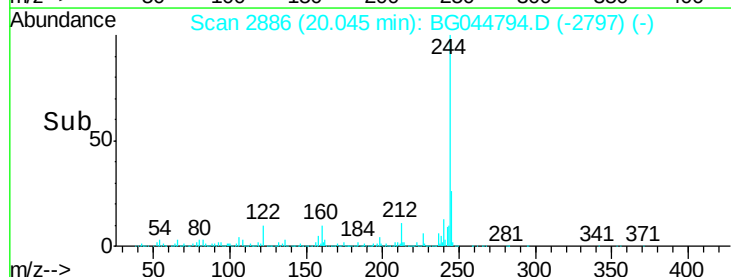
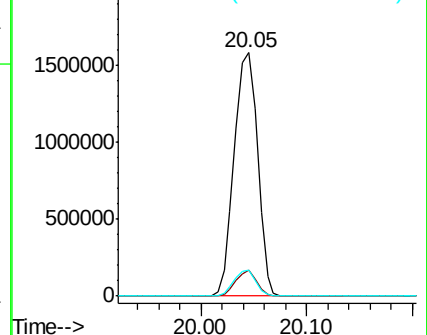
122 10.5 8.7 13.1

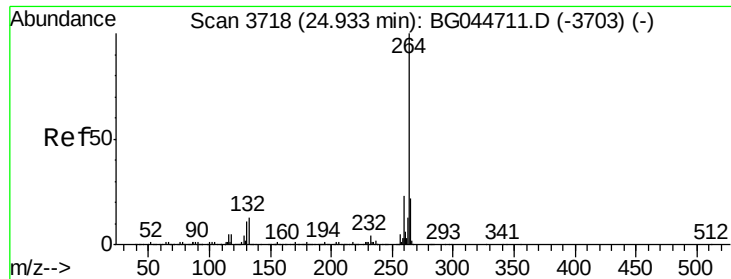


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Instrument :
BNA_G
ClientSampleId :
MC5B40

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	21.8	17.4	26.2

Manual Integrations
APPROVED

mohammad
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