

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043676.D
 Acq On : 18 Nov 2019 16:56
 Operator : JU
 Sample : K5804-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GE-MW-58-1S

Manual Integrations
 APPROVED

mohammad
 11/19/2019 2:37:04 PM

Quant Time: Nov 19 01:51:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27319	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	97789	20.00	ng	-0.01
39) Acenaphthene-d10	14.62	164	73431	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	179400	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	198686	20.00	ng	-0.02
87) Perylene-d12	24.81	264	229046	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	95394	63.99	ng	0.00
7) Phenol-d6	7.19	99	93038	43.37	ng	0.00
23) Nitrobenzene-d5	9.16	82	168745	88.96	ng	-0.01
42) 2,4,6-Tribromophenol	16.11	330	131169	93.87	ng	-0.02
45) 2-Fluorobiphenyl	13.25	172	506341	95.28	ng	-0.02
79) Terphenyl-d14	19.98	244	1026428	96.92	ng	-0.02
Target Compounds						
31) Naphthalene	10.86	128	1814753	365.604	ng	97
37) 2-Methylnaphthalene	12.45	142	349605	91.794	ng	99
38) 1-Methylnaphthalene	12.67	142	197432m	54.483	ng	
50) Dimethylphthalate	14.07	163	31942	5.616	ng	97

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

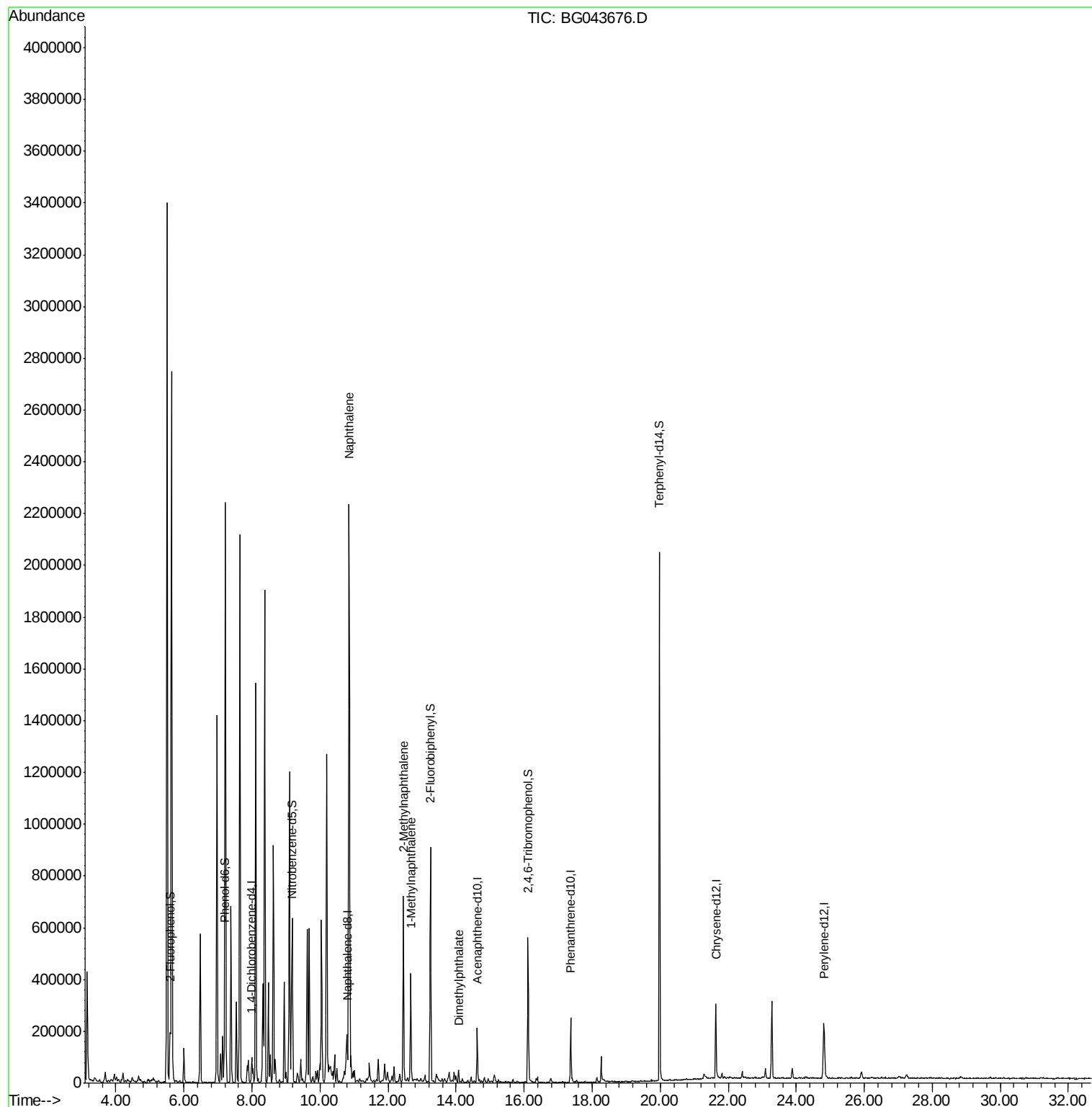
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
Data File : BG043676.D
Acq On : 18 Nov 2019 16:56
Operator : JU
Sample : K5804-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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Quant Time: Nov 19 01:51:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration





#1

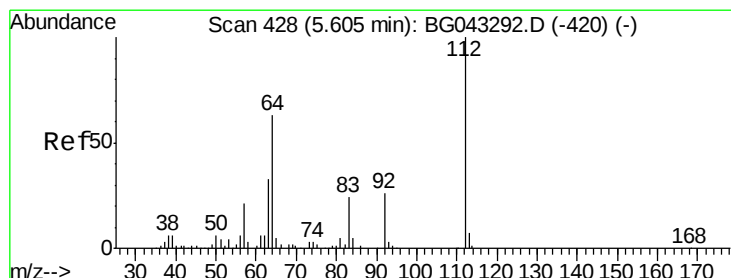
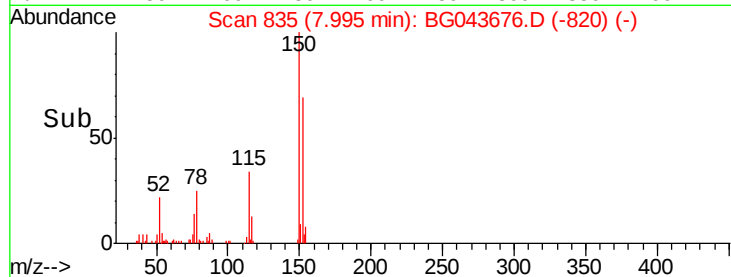
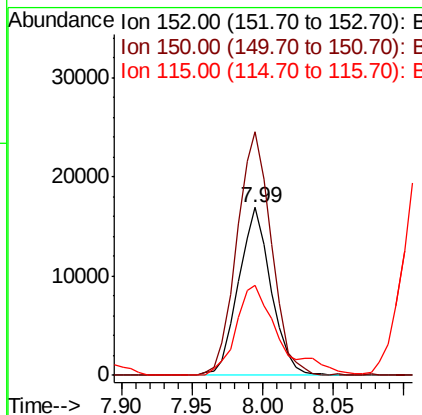
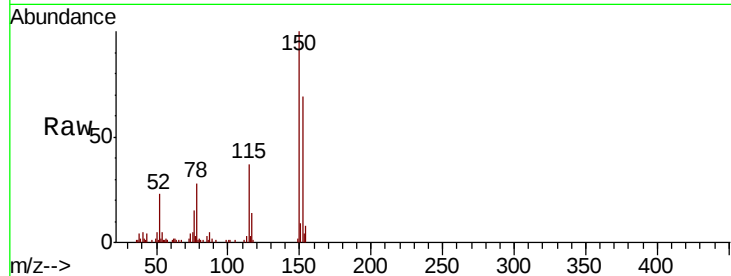
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1S

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.3	129.4	194.0
115	54.0	48.8	73.2

Manual Integrations
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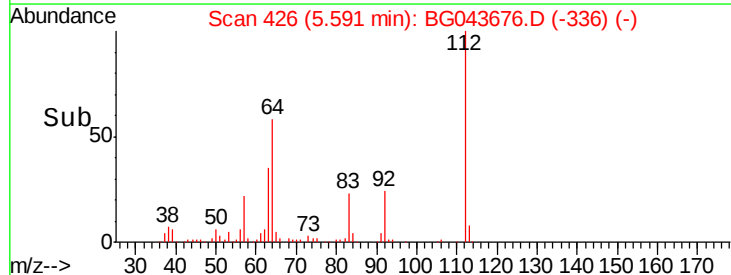
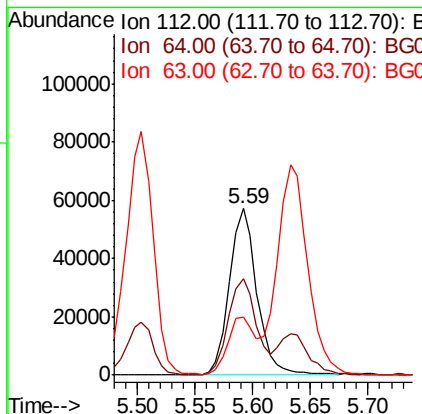
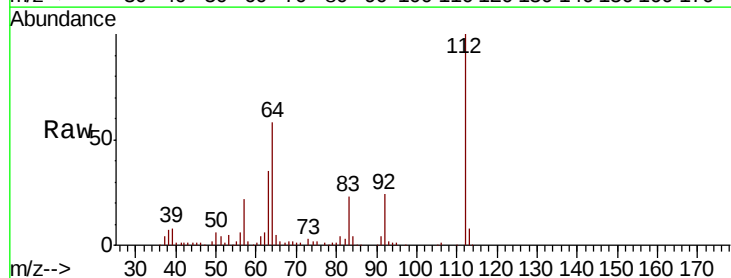
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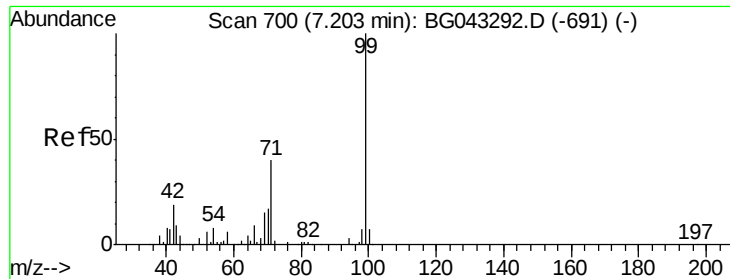


#5

2-Fluorophenol
Concen: 63.986 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	50.0	75.0
63	34.6	26.6	40.0





#7

Phenol-d6

Concen: 43.375 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043676.D

Acq: 18 Nov 2019 16:56

Instrument :

BNA_G

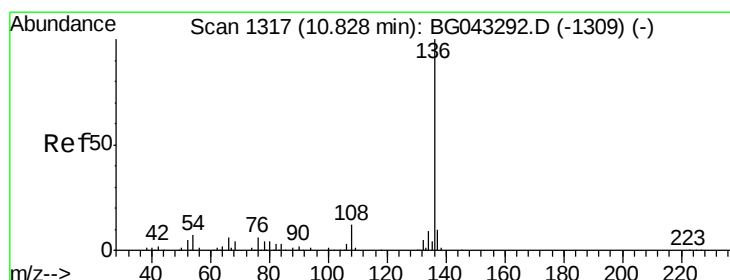
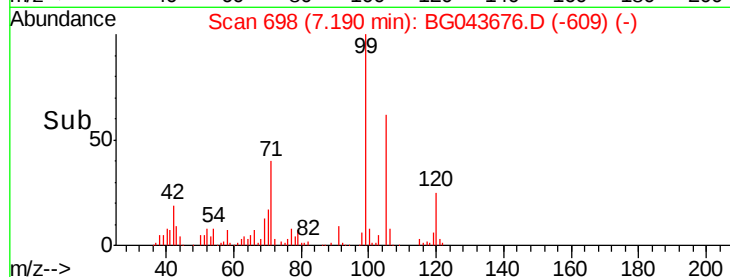
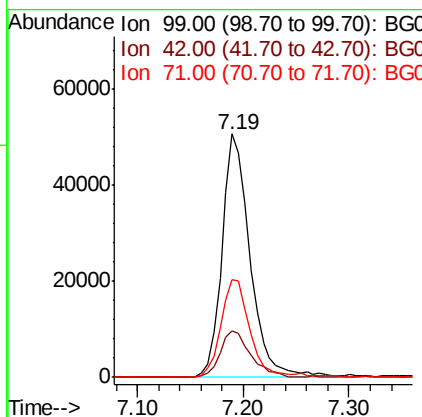
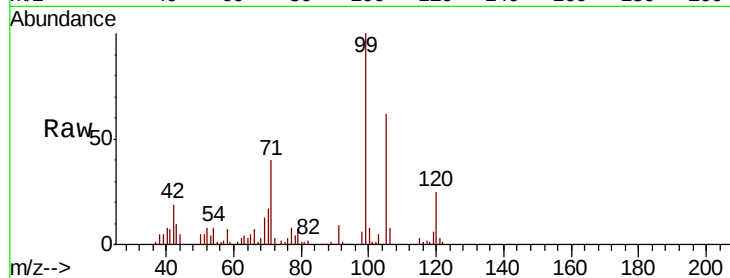
ClientSampleId :

GE-MW-58-1S

Tot Ion:	99	Resp:	93038
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.6	21.8
71	40.3	32.5	48.7

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#21

Naphthalene-d8

Concen: 20.000 ng

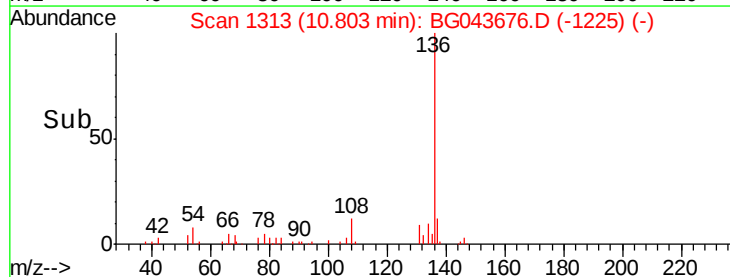
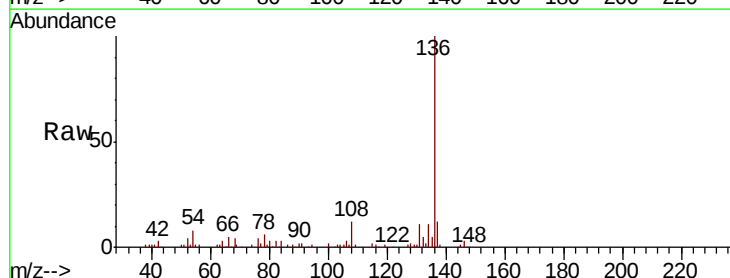
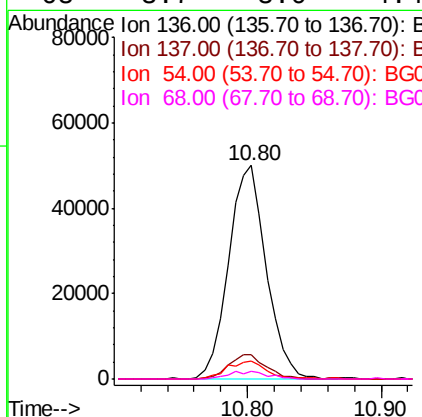
RT: 10.80 min Scan# 1313

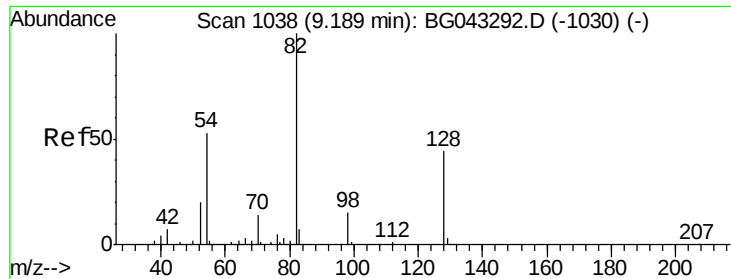
Delta R.T. -0.01 min

Lab File: BG043676.D

Acq: 18 Nov 2019 16:56

Tgt Ion:	136	Resp:	97789
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	8.2	5.4	8.2#
68	3.7	3.0	4.4





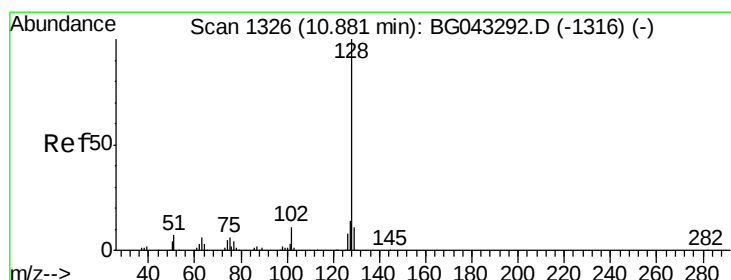
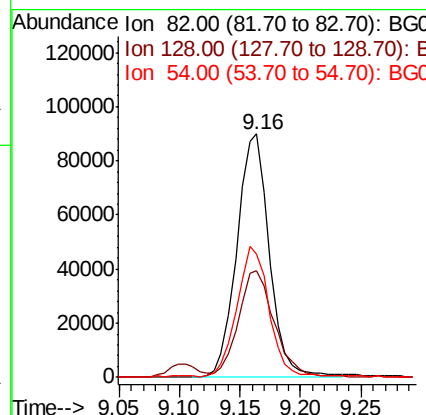
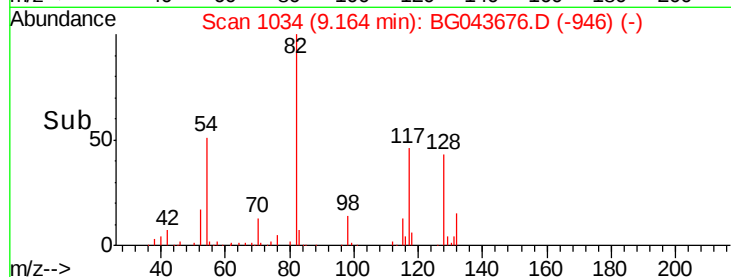
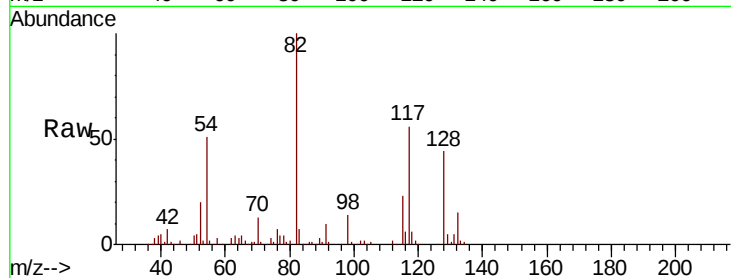
#23
Nitrobenzene-d5
Concen: 88.963 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1S

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.0	52.6
54	50.7	40.2	60.2

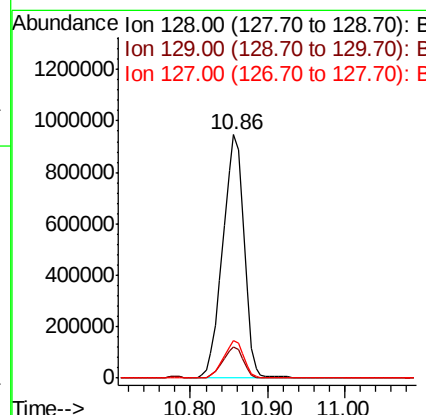
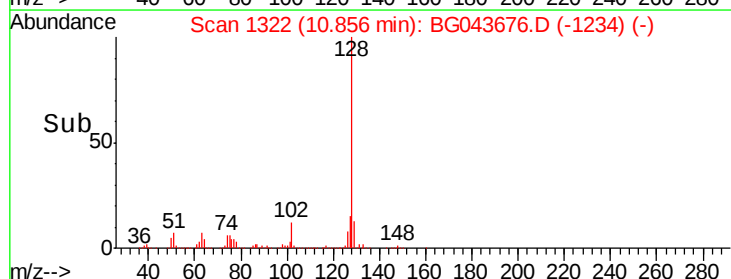
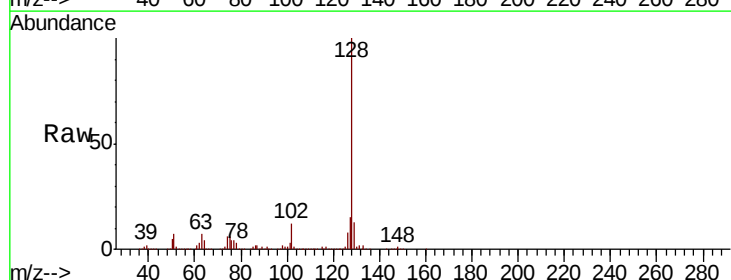
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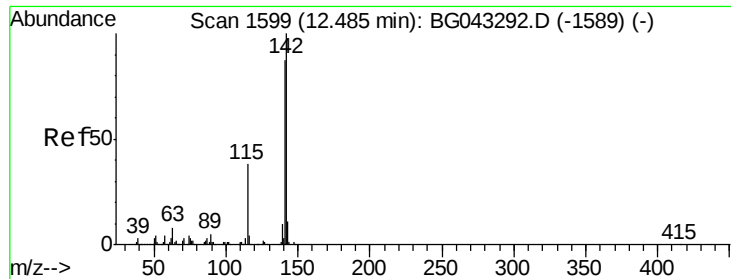
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#31
Naphthalene
Concen: 365.604 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.4	14.0
127	15.4	11.1	16.7





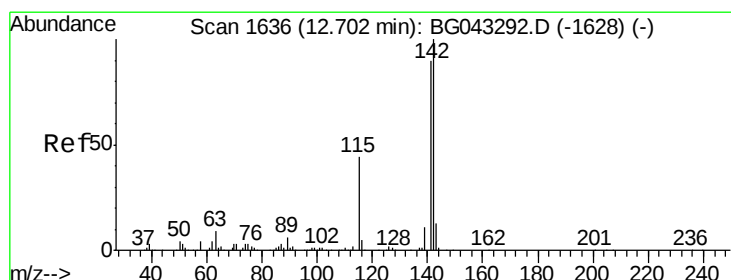
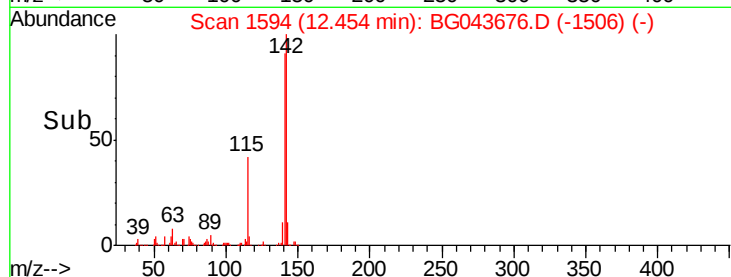
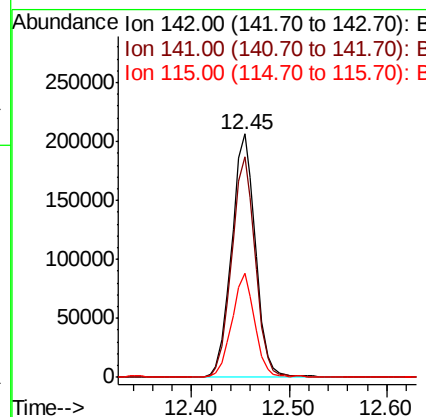
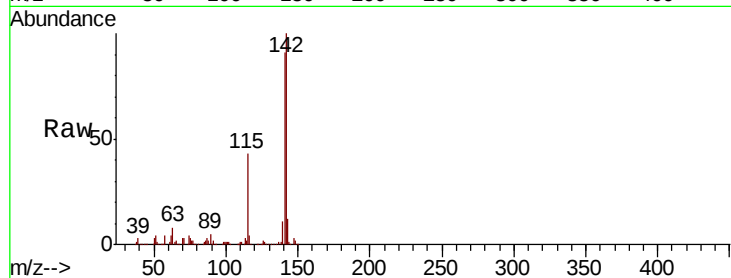
#37
2-Methylnaphthalene
Concen: 91.794 ng
RT: 12.45 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1S

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.2	108.2
115	42.7	33.2	49.8

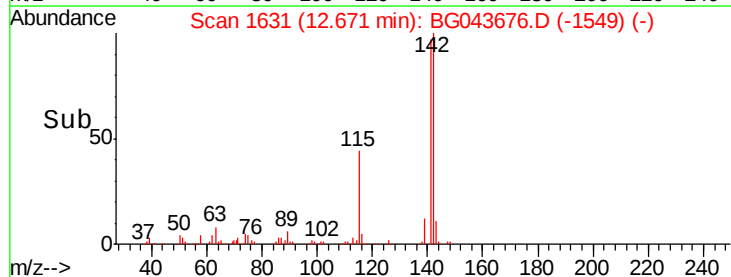
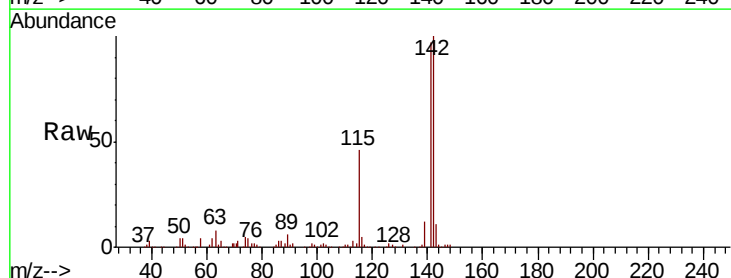
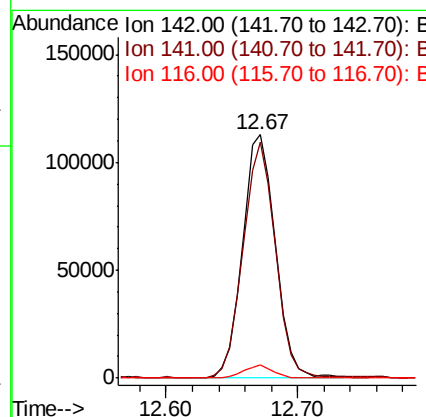
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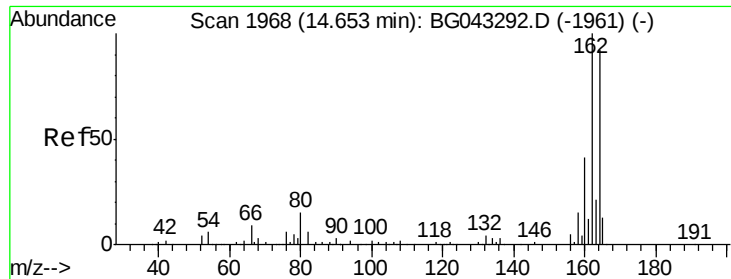
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#38
1-Methylnaphthalene
Concen: 54.483 ng m
RT: 12.67 min Scan# 1631
Delta R.T. -0.02 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.9	73.2	109.8
116	5.5	3.6	5.4#





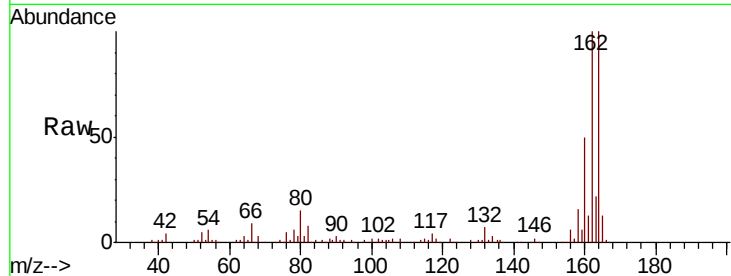
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1S

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	83.5	125.3
160	50.0	36.5	54.7

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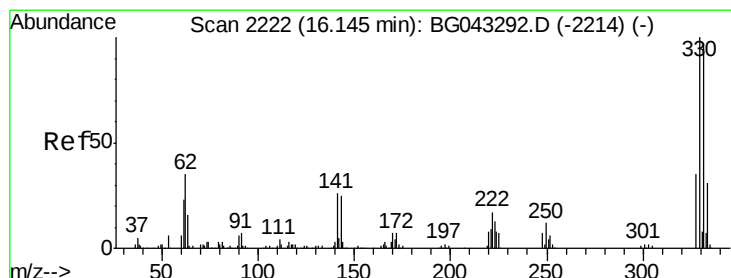
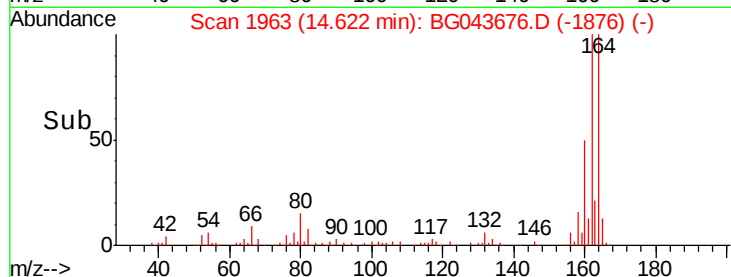
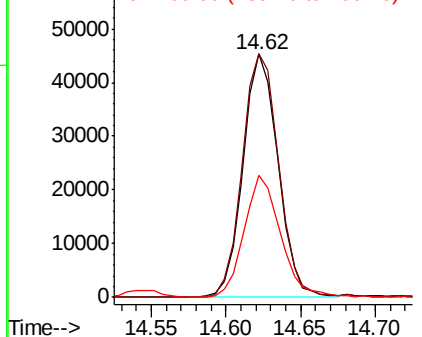


Abundance

Ion 164.00 (163.70 to 164.70): E

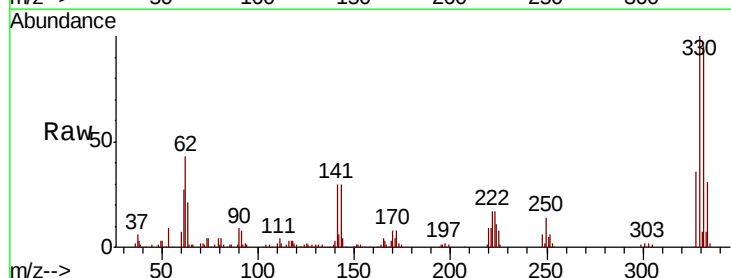
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 93.867 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.0
141	29.3	22.8	34.2

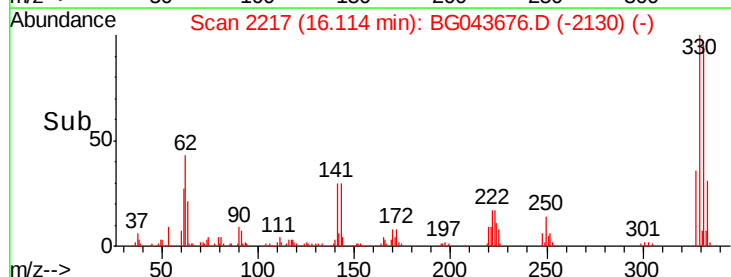
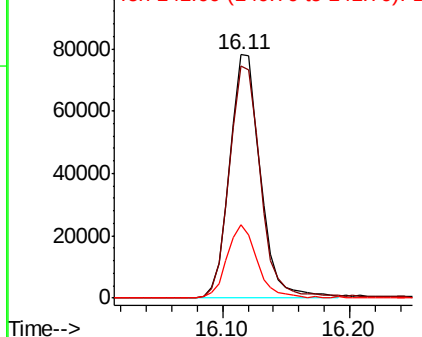


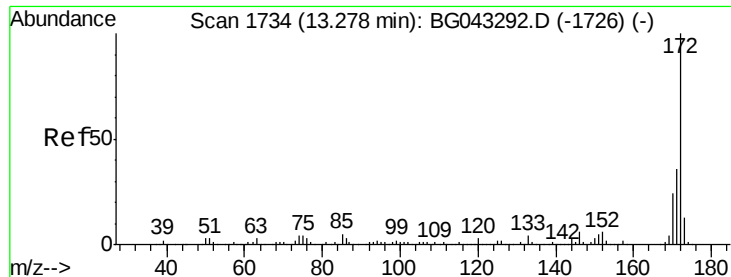
Abundance

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





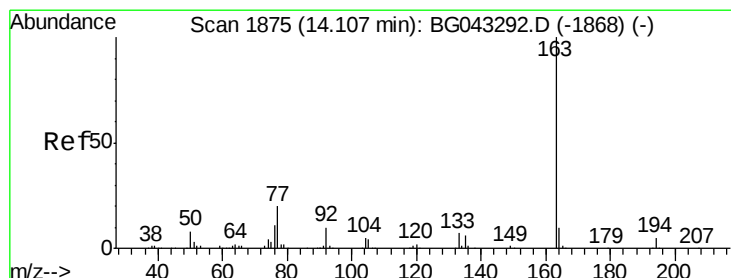
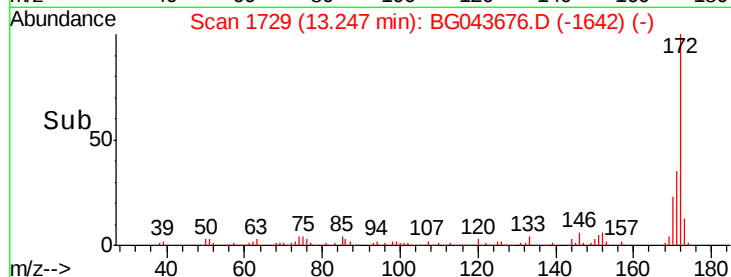
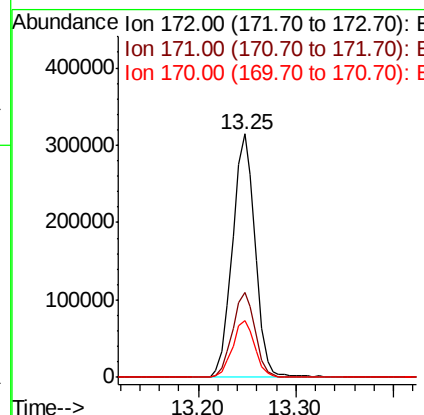
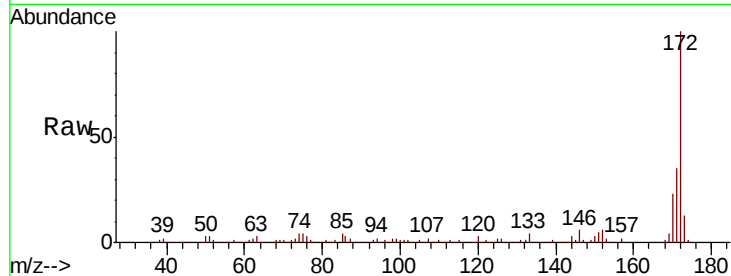
#45
2-Fluorobiphenyl
Concen: 95.282 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1S

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	35.0	28.9	43.3
170	23.2	18.5	27.7

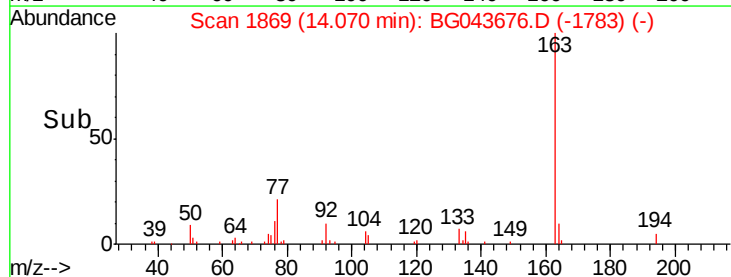
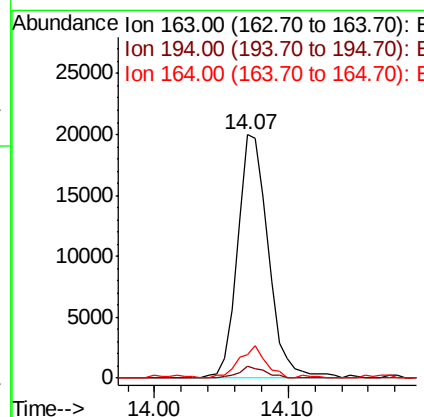
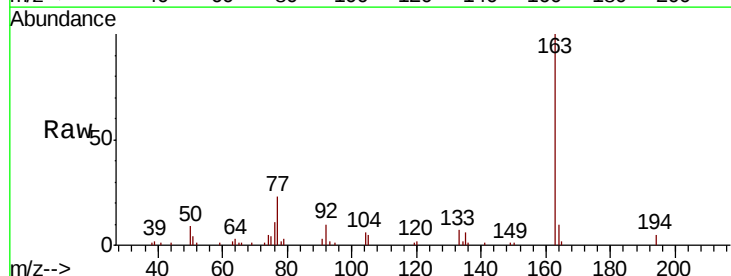
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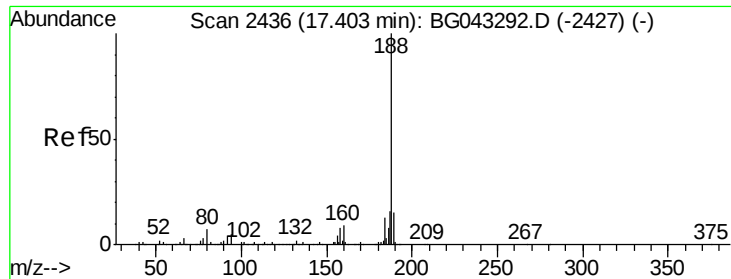
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#50
Dimethylphthalate
Concen: 5.616 ng
RT: 14.07 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	5.1	3.8	5.6
164	9.7	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG043676.D

Acq: 18 Nov 2019 16:56

Instrument :

BNA_G

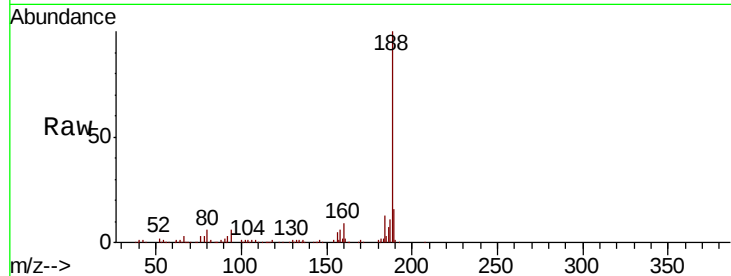
ClientSampleId :

GE-MW-58-1S

Tot Ion	Ratio	Resp	Lower	Upper
188	100	179400		
94	5.9		4.2	6.4
80	5.9		4.5	6.7

Manual Integrations
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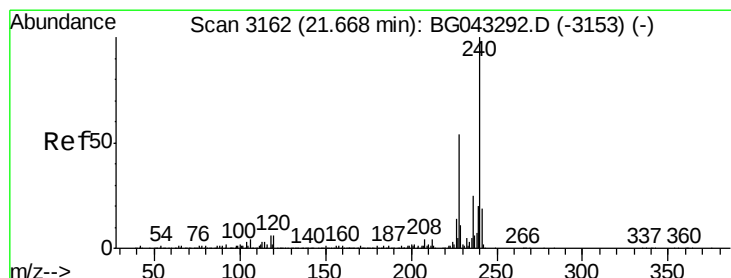
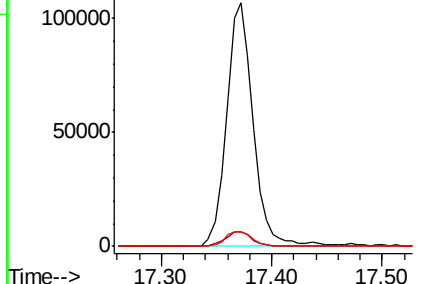
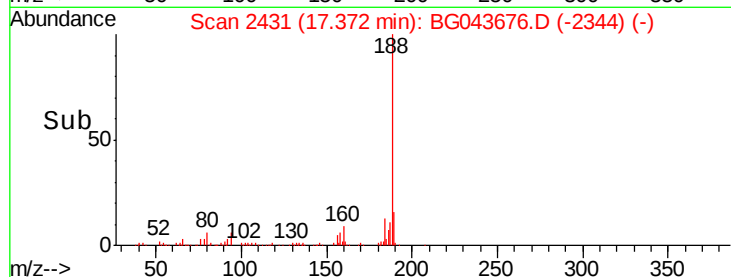
mohammad
11/19/2019 2:37:04 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG043676.D (-2344) (-)

Ion 80.00 (79.70 to 80.70): BG043676.D (-2344) (-)



#76

Chrysene-d12

Concen: 20.000 ng

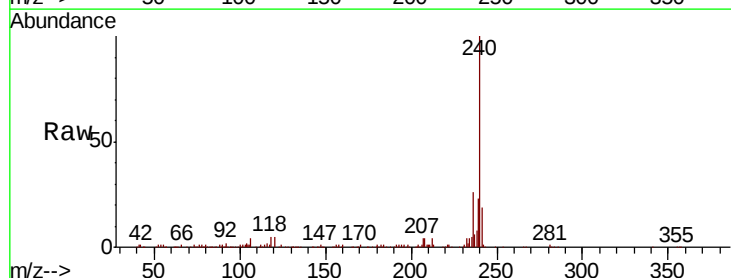
RT: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043676.D

Acq: 18 Nov 2019 16:56

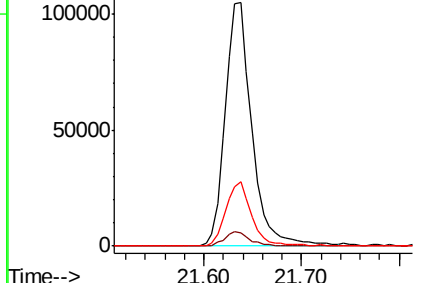
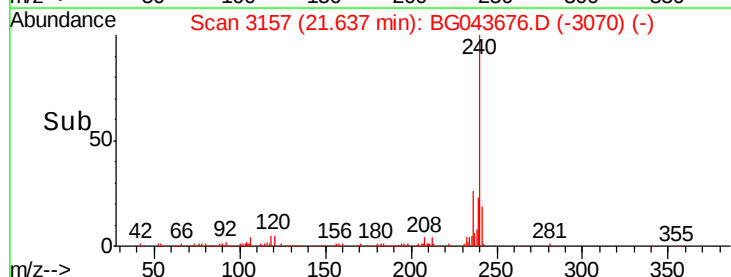
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	198686		
120	5.2		4.6	6.8
236	26.3		19.8	29.8

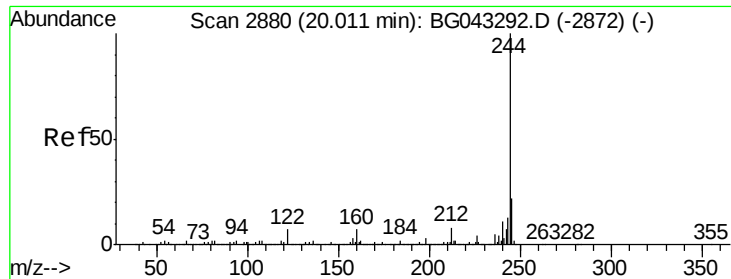


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





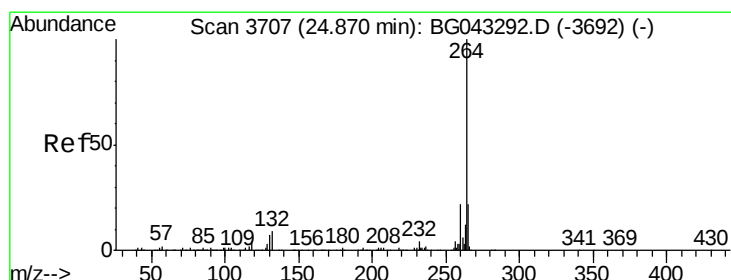
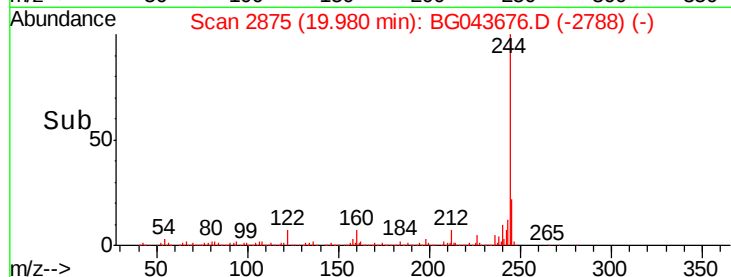
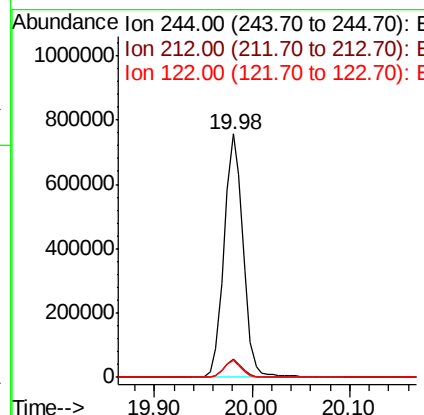
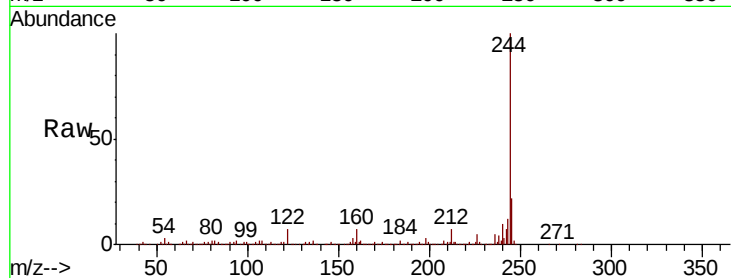
#79
 Terphenyl-d14
 Concen: 96.919 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.02 min
 Lab File: BG043676.D
 Acq: 18 Nov 2019 16:56

Instrument :
 BNA_G
 ClientSampleId :
 GE-MW-58-1S

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	7.1	5.4	8.2

Manual Integrations
 APPROVED

mohammad
 11/19/2019 2:37:04 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.81 min Scan# 3697
 Delta R.T. -0.04 min
 Lab File: BG043676.D
 Acq: 18 Nov 2019 16:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.5	26.3
265	21.4	17.4	26.0

