

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044807.D
 Acq On : 14 Mar 2020 22:59
 Operator : CG/JU
 Sample : L1873-02
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Mar 16 04:39:54 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

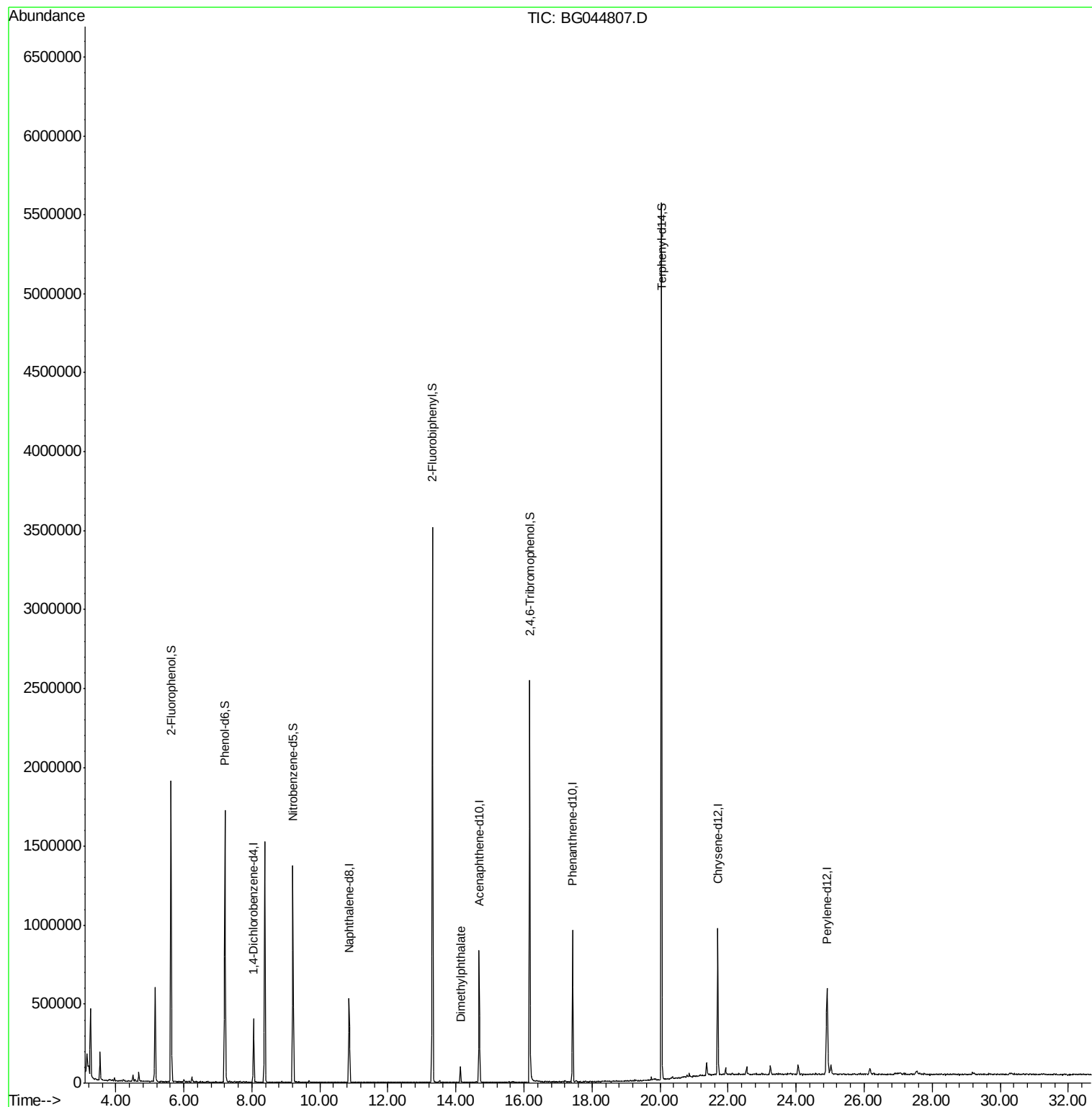
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	110992	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	447086	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	296102	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	613500	20.00	ng	0.00
76) Chrysene-d12	21.70	240	537005	20.00	ng	-0.01
87) Perylene-d12	24.91	264	599578	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	799547	112.14	ng	0.00
7) Phenol-d6	7.21	99	1047551	101.12	ng	0.00
23) Nitrobenzene-d5	9.21	82	881922	86.56	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	500172	129.01	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1778566	86.02	ng	0.00
79) Terphenyl-d14	20.04	244	2509104	87.40	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	68702	2.913	ng	Qvalue # 95

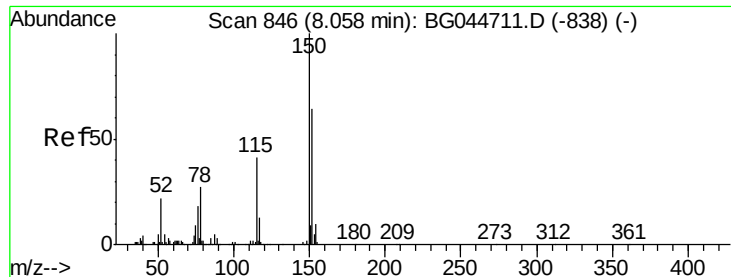
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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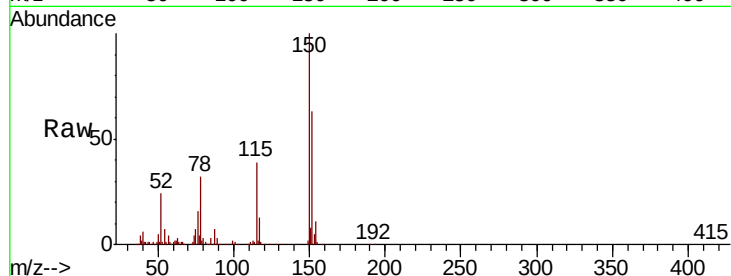


#1

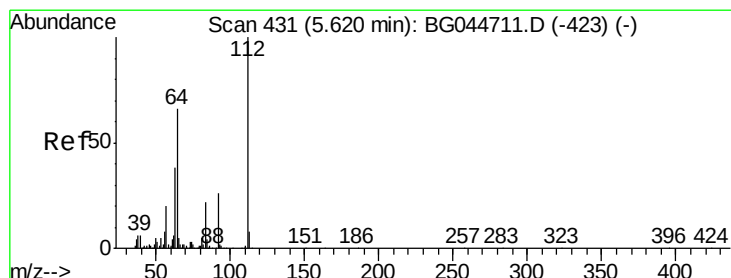
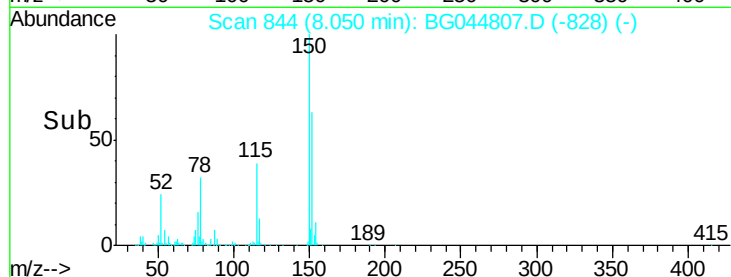
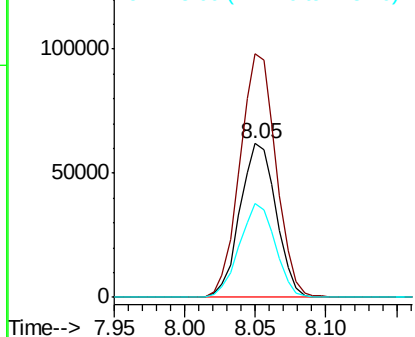
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	125.3	187.9
115	61.3	51.7	77.5



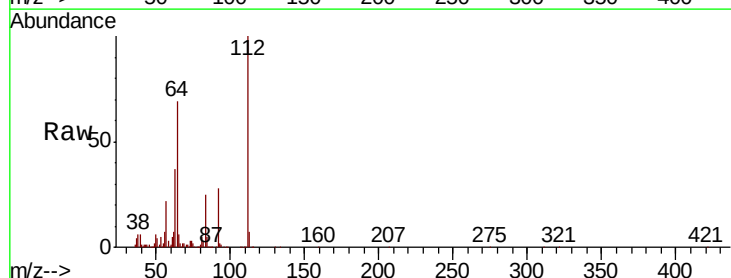
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



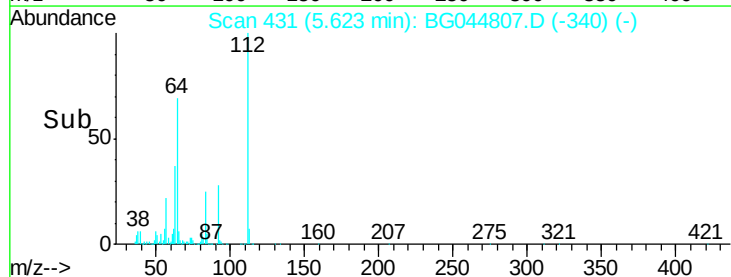
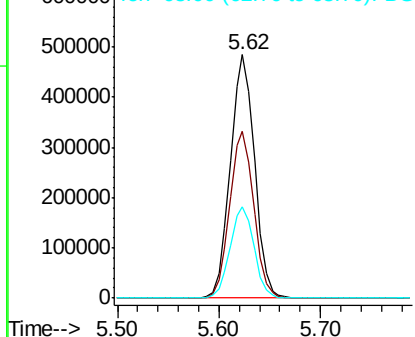
#5

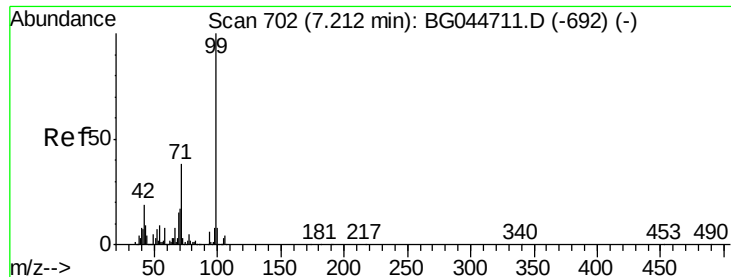
2-Fluorophenol
Concen: 112.139 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	52.6	78.8
63	37.4	30.2	45.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 101.121 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044807.D

Acq: 14 Mar 2020 22:59

Instrument :

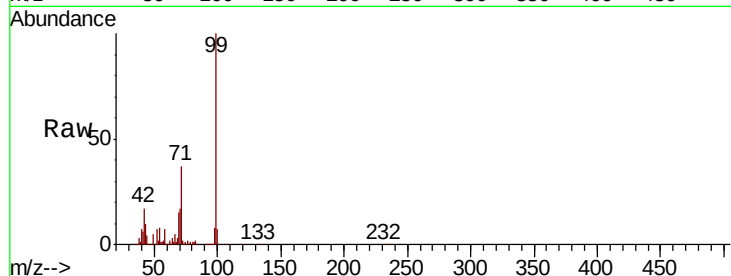
BNA_G

ClientSampleId :

TP-1

Tot Ion: 99 Resp: 1047551

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.4	23.0
71	37.2	30.2	45.4

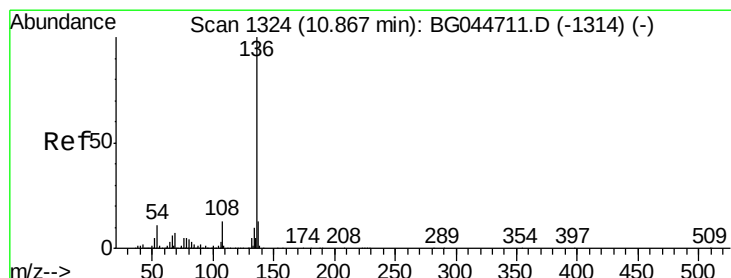
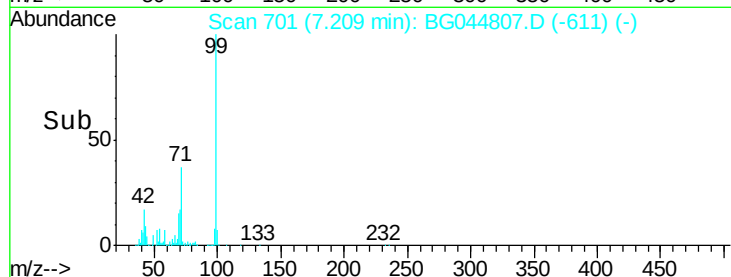
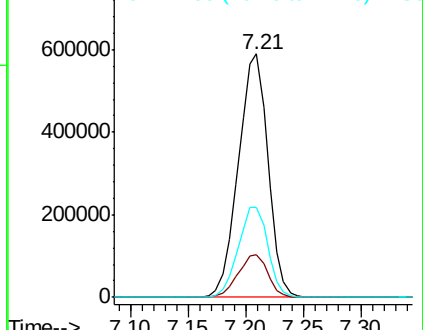


Abundance

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# 1322

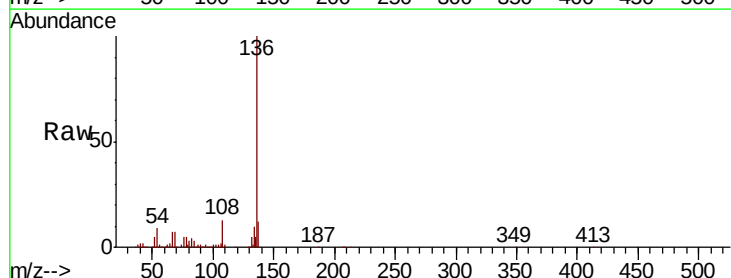
Delta R.T. -0.01 min

Lab File: BG044807.D

Acq: 14 Mar 2020 22:59

Tgt Ion: 136 Resp: 447086

Ion	Ratio	Lower	Upper
136	100		
137	11.9	10.7	16.1
54	9.4	9.0	13.4
68	7.1	5.9	8.9



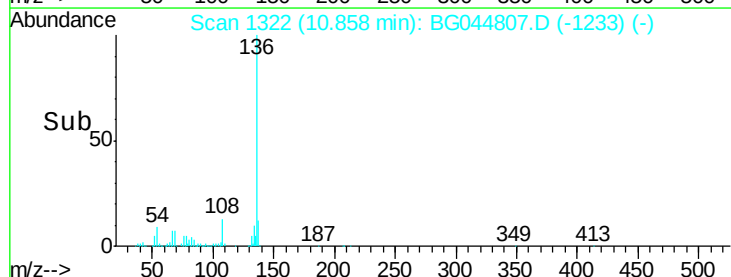
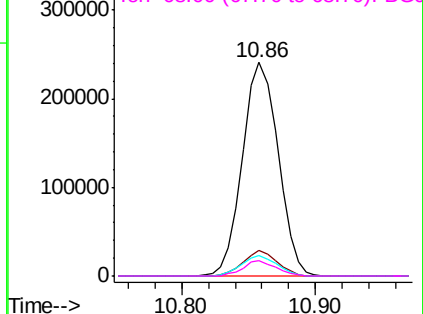
Abundance

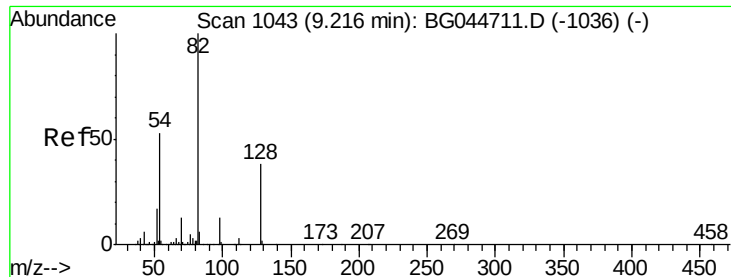
Ion 136.00 (135.70 to 136.70): BGC

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

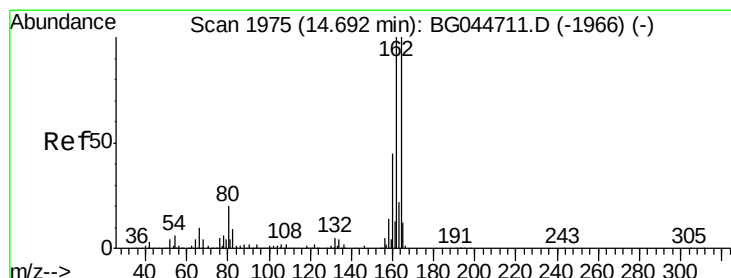
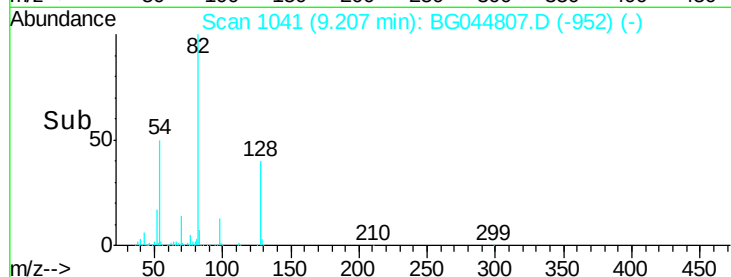
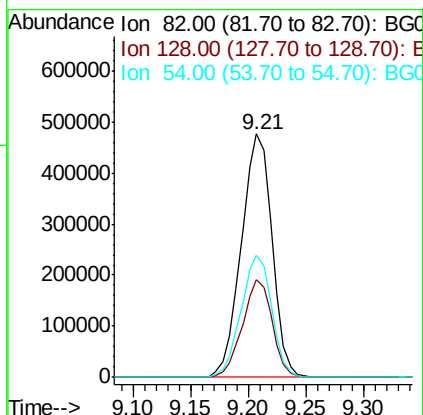
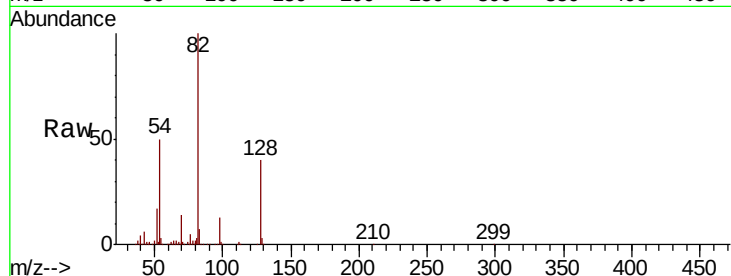




#23
 Nitrobenzene-d5
 Concen: 86.560 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG044807.D
 Acq: 14 Mar 2020 22:59

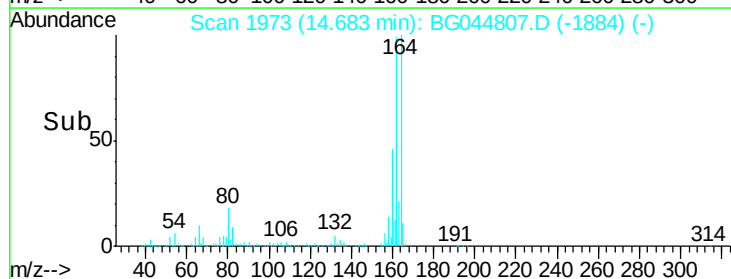
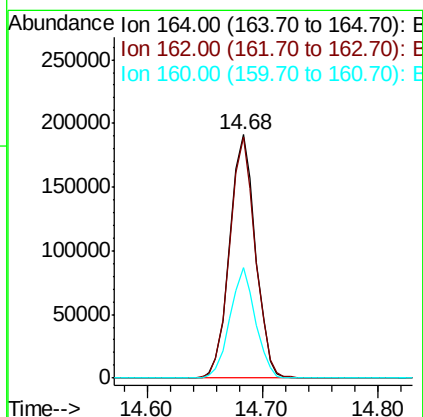
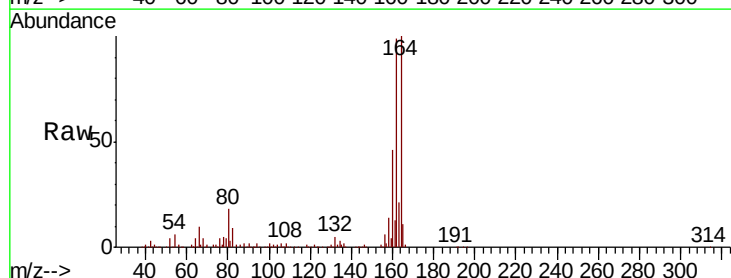
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

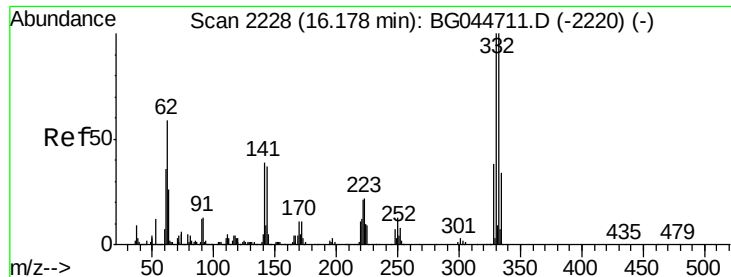
Tot Ion	82	Resp	881922
Ion Ratio	Lower	Upper	
82	100		
128	40.0	30.2	45.2
54	50.1	41.8	62.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG044807.D
 Acq: 14 Mar 2020 22:59

Tgt Ion	164	Resp	296102
Ion Ratio	Lower	Upper	
164	100		
162	98.9	80.2	120.4
160	45.6	36.2	54.2

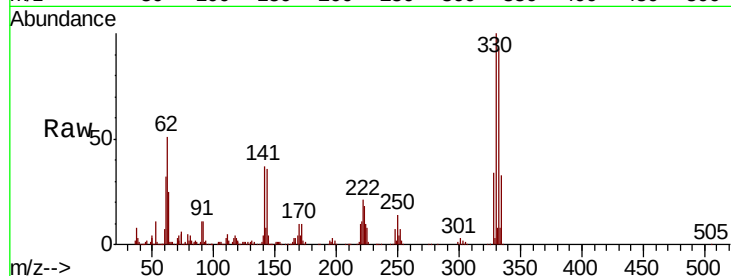




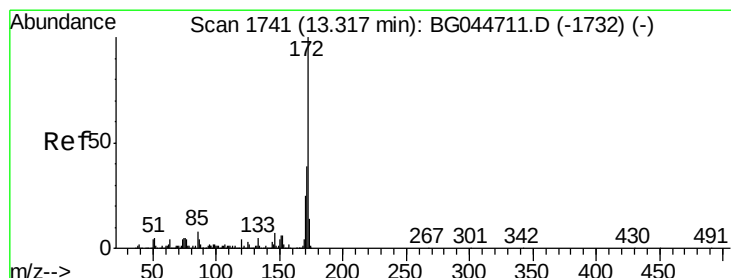
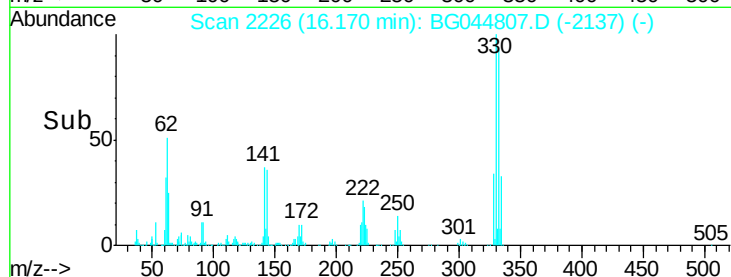
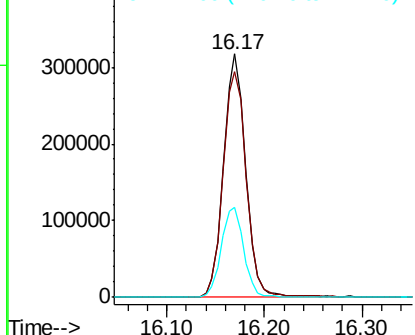
#42
 2,4,6-Tribromophenol
 Concen: 129.010 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BG044807.D
 Acq: 14 Mar 2020 22:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.5	116.3
141	37.6	31.7	47.5

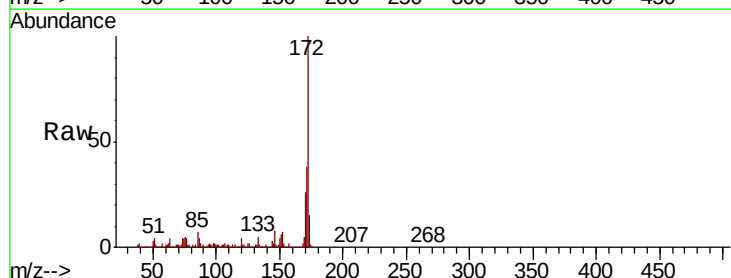


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

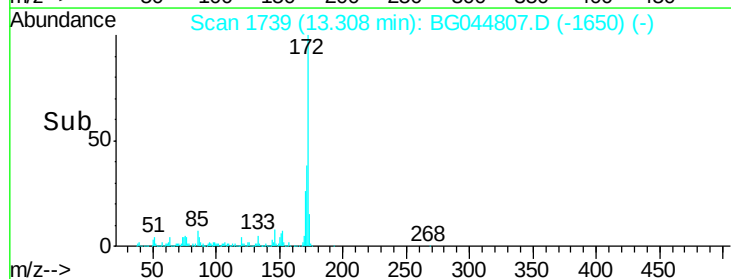
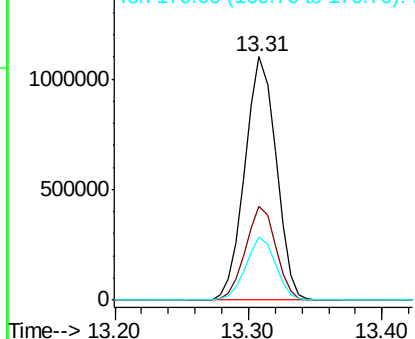


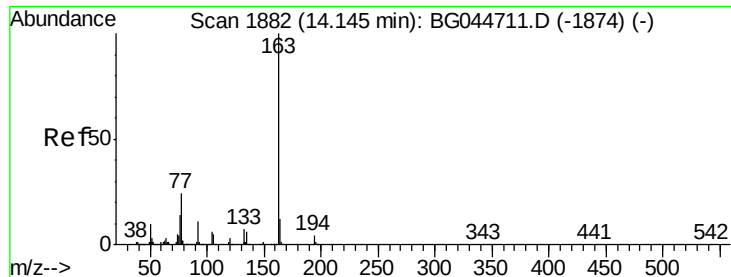
#45
 2-Fluorobiphenyl
 Concen: 86.016 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG044807.D
 Acq: 14 Mar 2020 22:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.8	46.2
170	25.8	20.0	30.0



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: 2.913 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG044807.D

Acq: 14 Mar 2020 22:59

Instrument :

BNA_G

ClientSampleId :

TP-1

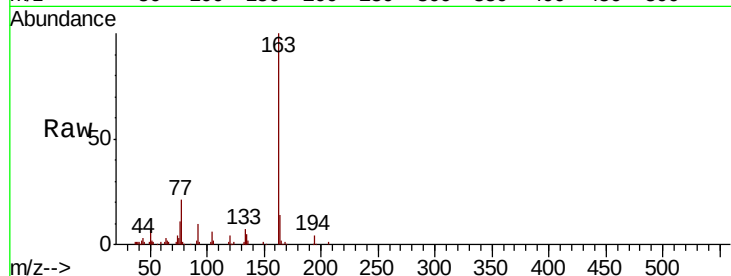
Tot Ion:163 Resp: 68702

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

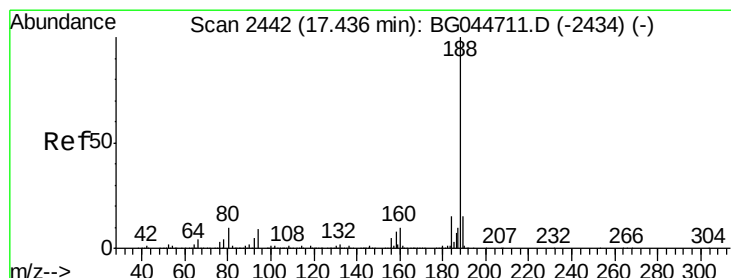
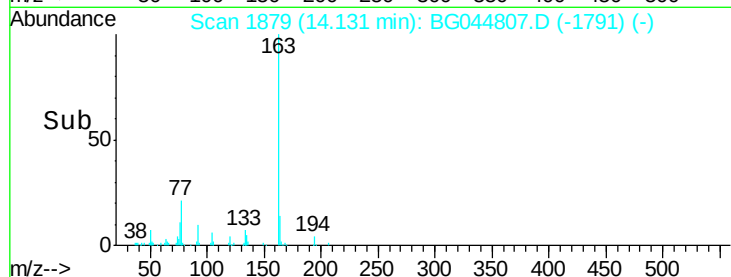
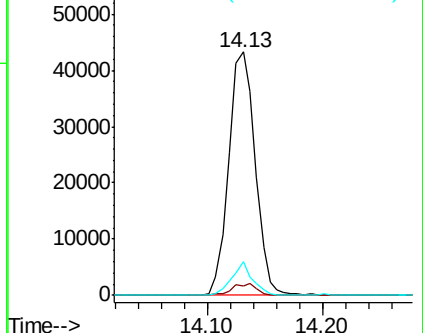
164 13.8 9.2 13.8#



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: 17.43 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG044807.D

Acq: 14 Mar 2020 22:59

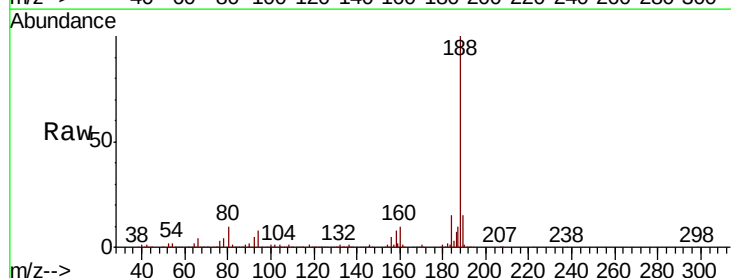
Tgt Ion:188 Resp: 613500

Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.6

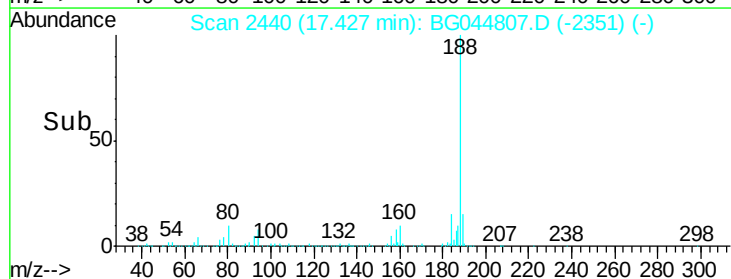
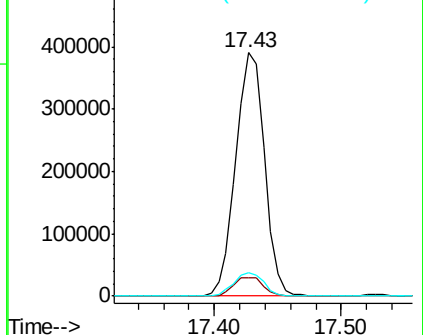
80 9.6 8.4 12.6

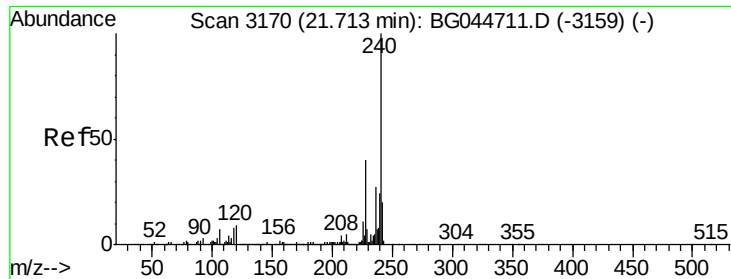


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

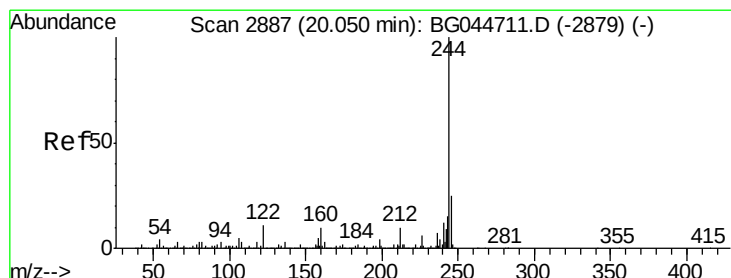
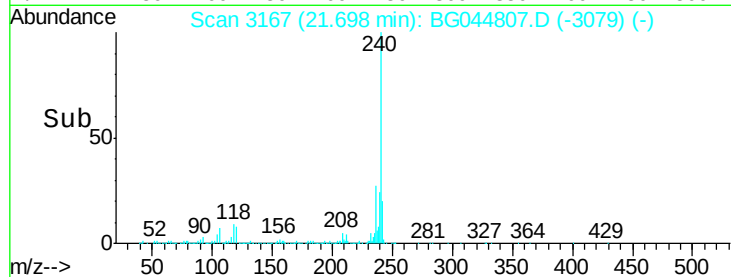
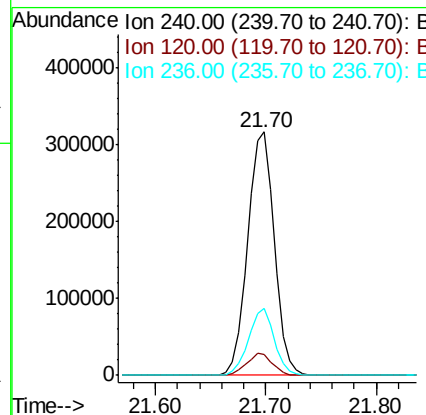
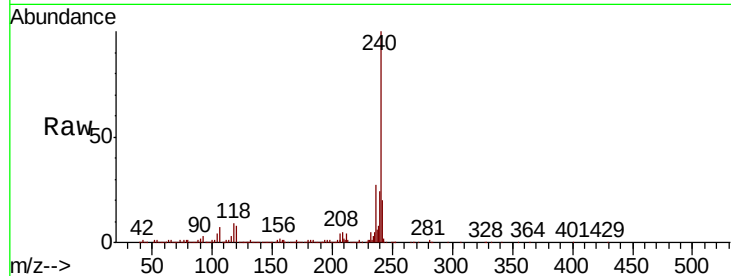




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

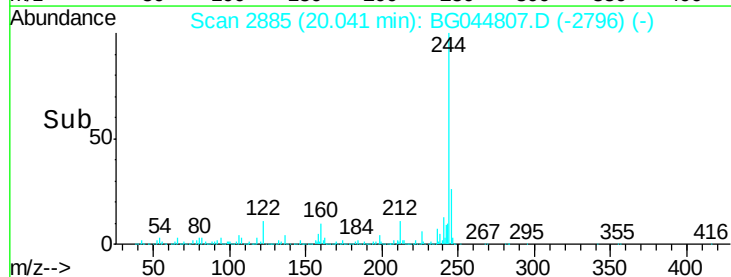
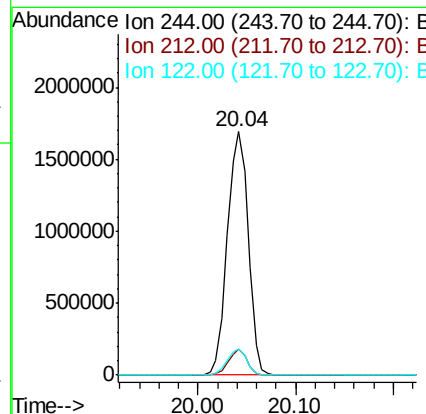
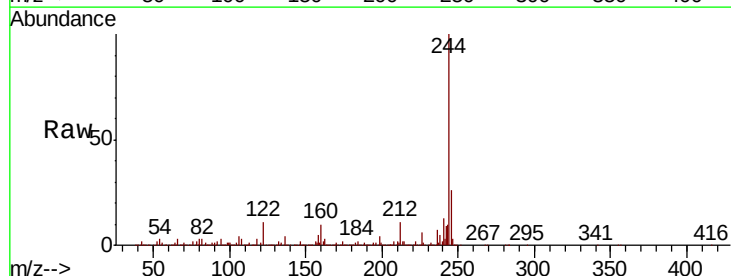
Instrument :
BNA_G
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TP-1

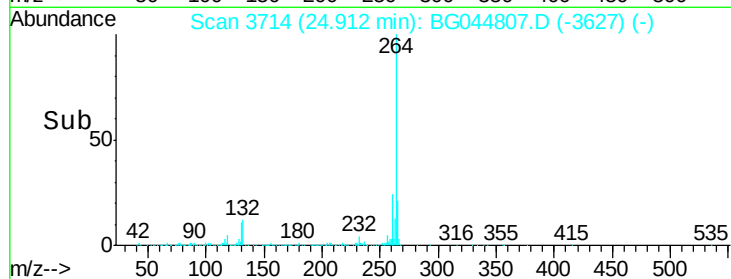
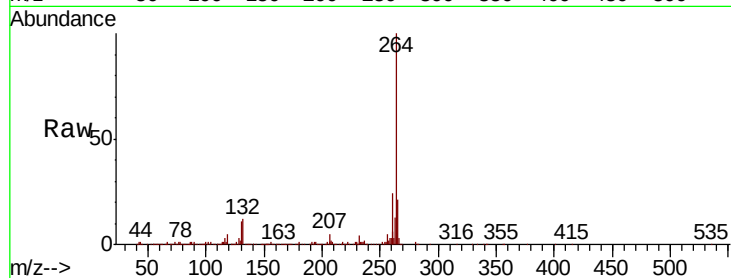
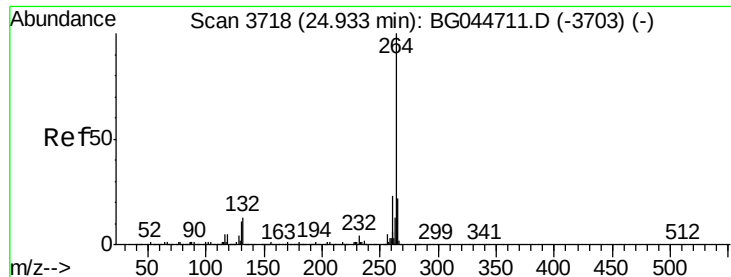
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.9	10.3
236	27.3	21.9	32.9



#79
Terphenyl-d14
Concen: 87.400 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.5	8.4	12.6
122	10.8	8.7	13.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.02 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.2	17.4	26.2

