

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
 Data File : BG046679.D
 Acq On : 18 Sep 2020 21:27
 Operator : CG/JU
 Sample : L4038-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-091620-DP

Quant Time: Sep 19 00:52:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 14:27:03 2020
 Response via : Initial Calibration

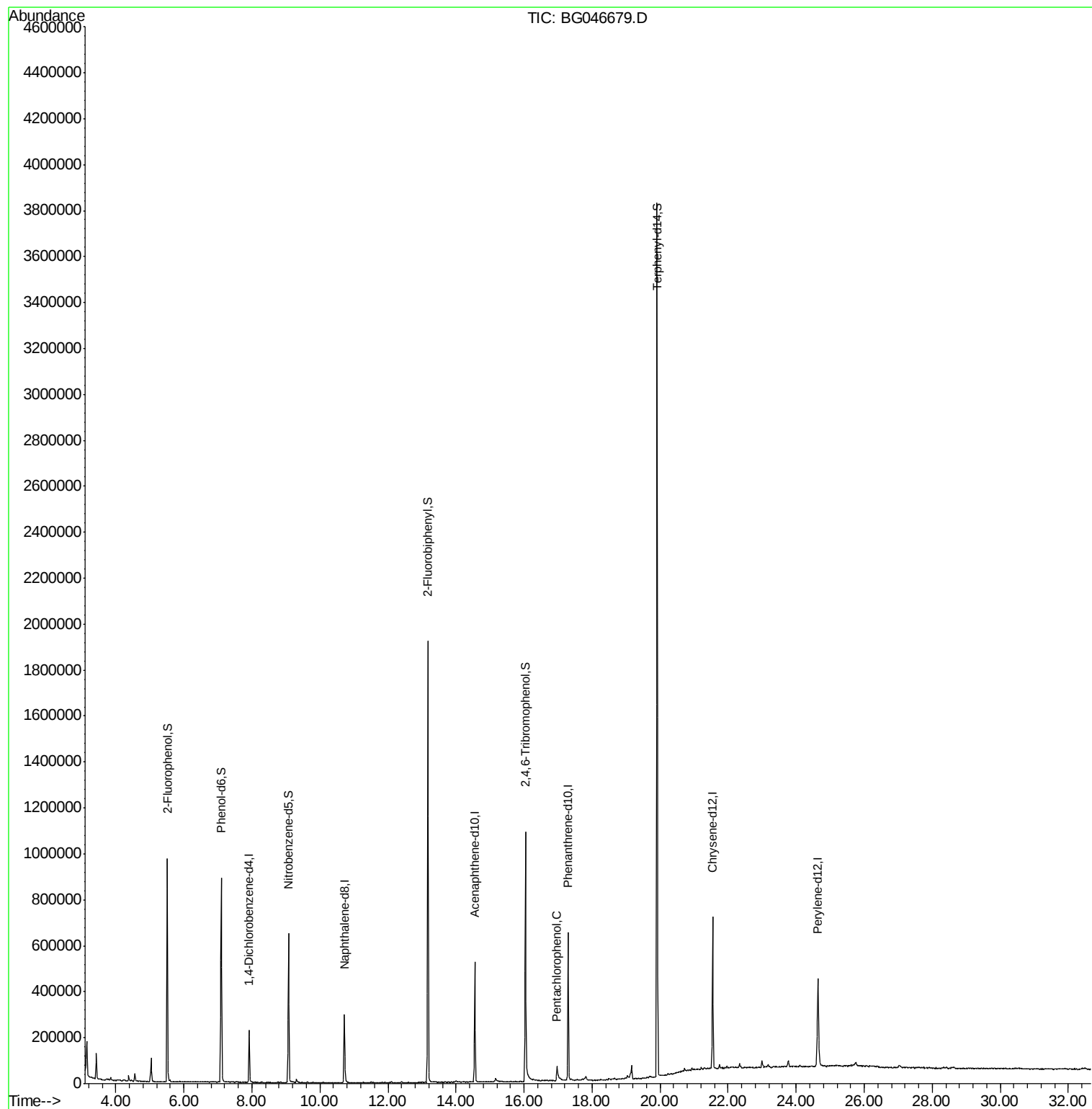
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	71864	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	286048	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	197538	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	436414	20.00	ng	0.00
76) Chrysene-d12	21.54	240	431633	20.00	ng	0.00
86) Perylene-d12	24.64	264	414774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	448901	110.64	ng	0.00
7) Phenol-d6	7.10	99	567937	98.74	ng	0.00
23) Nitrobenzene-d5	9.08	82	422125	84.34	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	251663	94.03	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1076403	83.18	ng	0.00
79) Terphenyl-d14	19.91	244	1679934	82.83	ng	0.00
Target Compounds						Qvalue
70) Pentachlorophenol	16.97	266	27477	9.326	ng	95

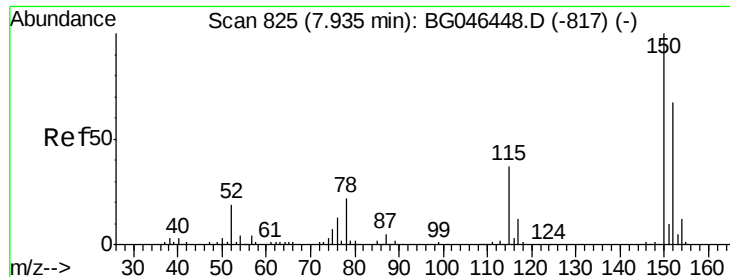
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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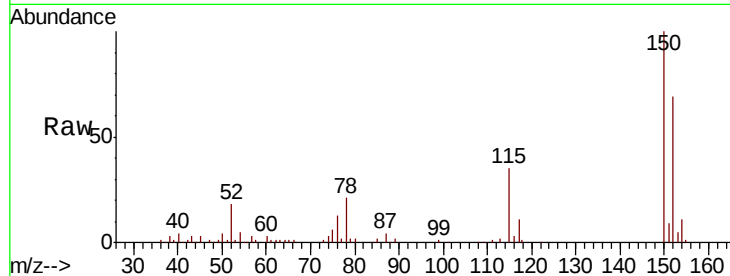


#1

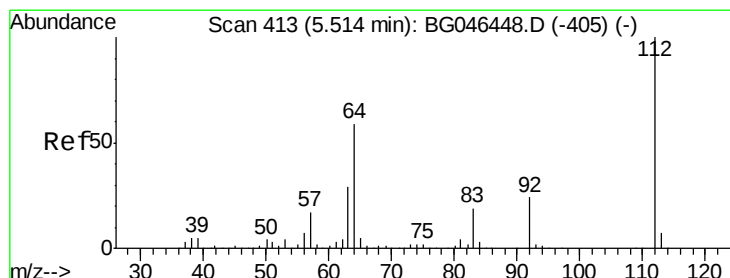
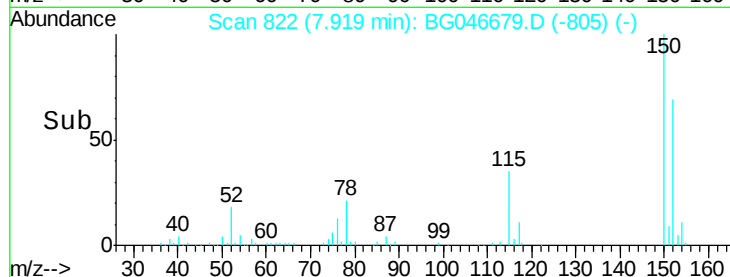
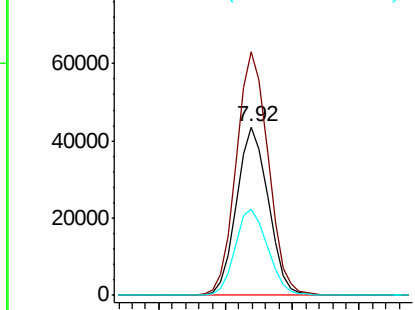
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG046679.D
Acq: 18 Sep 2020 21:27

Instrument :
BNA_G
ClientSampleId :
PAV-091620-DP

Tot Ion:152 Resp: 71864
Ion Ratio Lower Upper
152 100
150 144.4 125.0 187.6
115 51.3 41.8 62.6



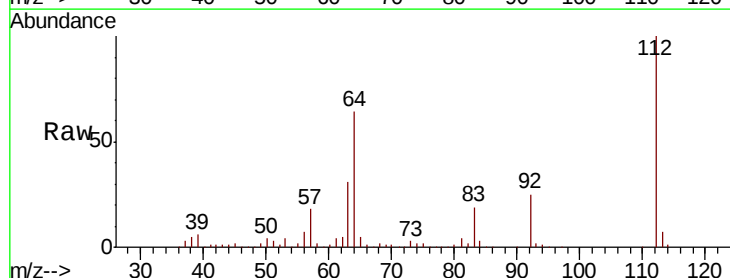
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



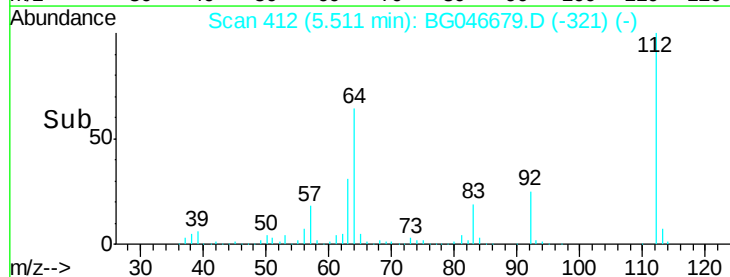
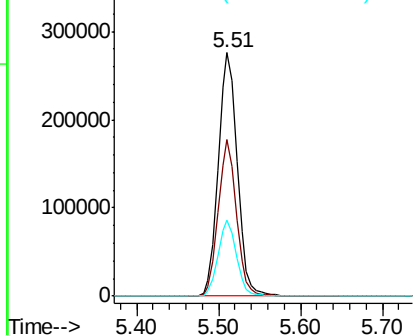
#5

2-Fluorophenol
Concen: 110.638 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.01 min
Lab File: BG046679.D
Acq: 18 Sep 2020 21:27

Tgt Ion:112 Resp: 448901
Ion Ratio Lower Upper
112 100
64 64.1 46.7 70.1
63 31.0 22.8 34.2



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: 98.741 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG046679.D

Acq: 18 Sep 2020 21:27

Instrument :

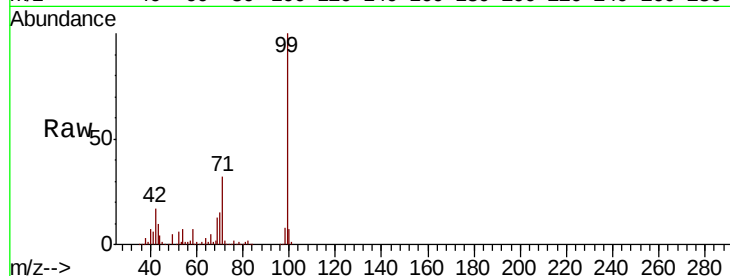
BNA_G

ClientSampleId :

PAV-091620-DP

Tot Ion: 99 Resp: 567937

Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.8	19.2
71	32.1	24.6	36.8

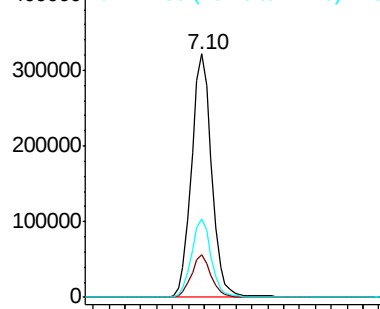


Abundance

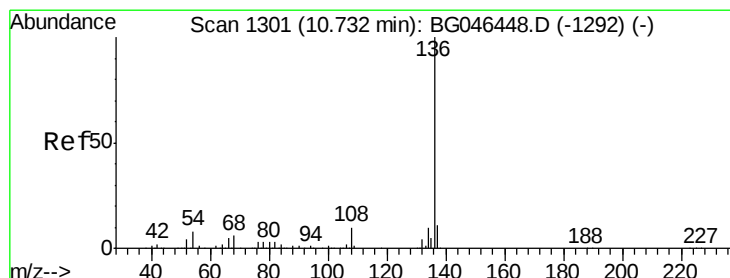
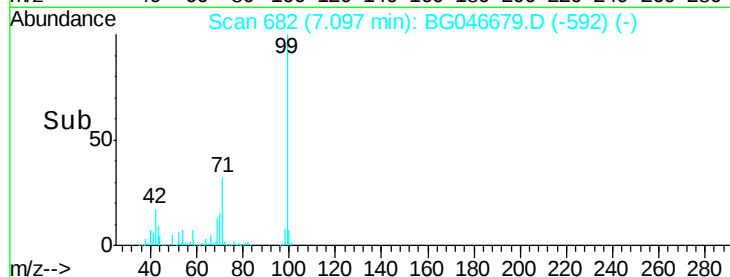
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1298

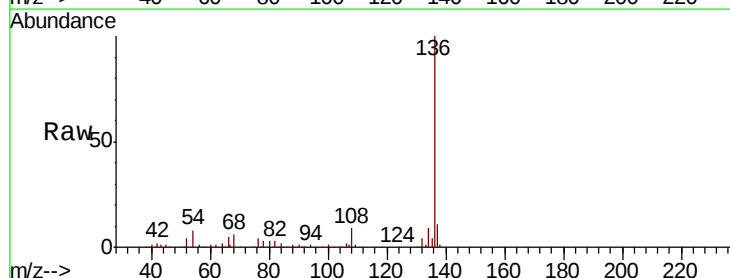
Delta R.T. 0.00 min

Lab File: BG046679.D

Acq: 18 Sep 2020 21:27

Tgt Ion: 136 Resp: 286048

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.3	6.2	9.4
68	6.5	5.0	7.4



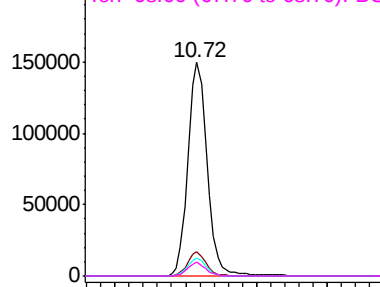
Abundance

Ion 136.00 (135.70 to 136.70): BGC

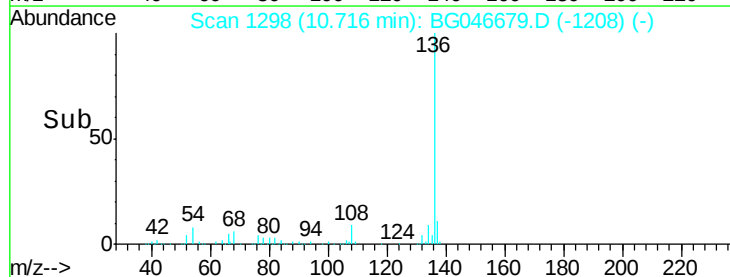
Ion 137.00 (136.70 to 137.70): BGC

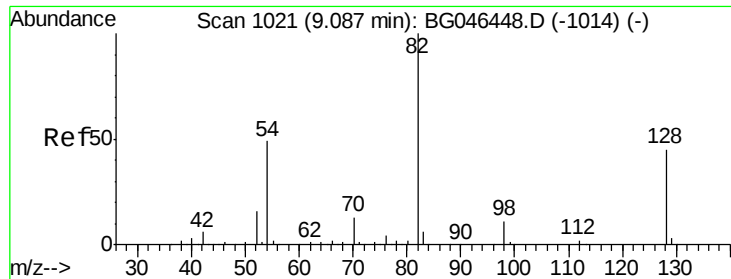
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

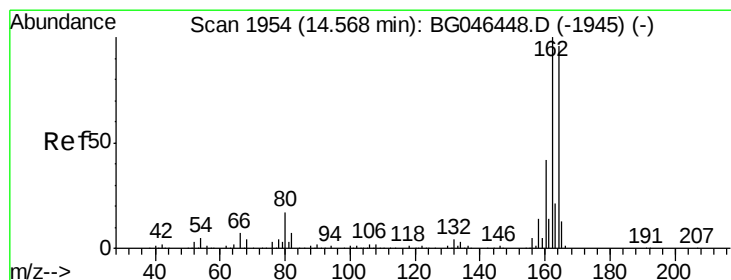
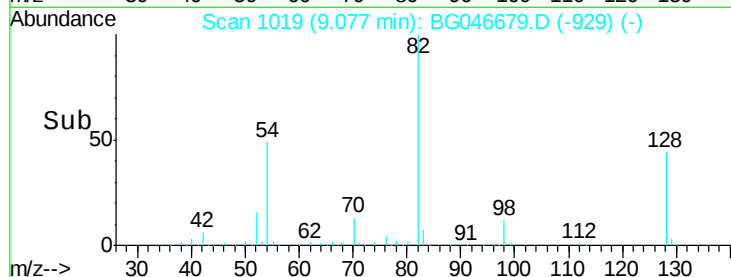
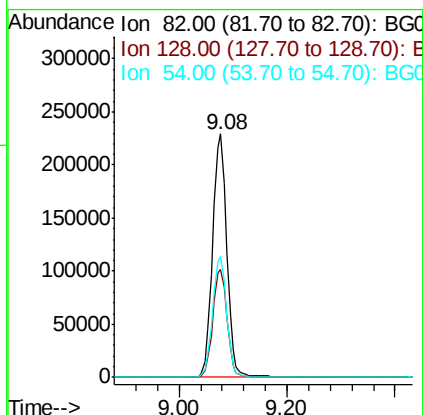
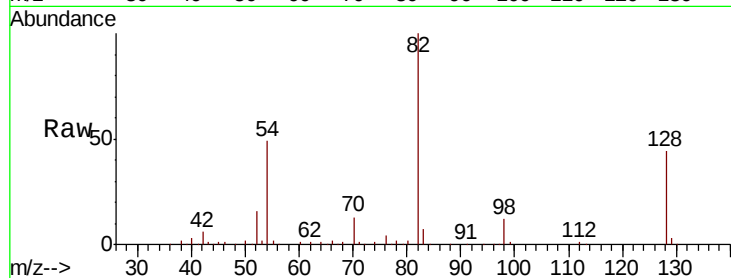




#23
 Nitrobenzene-d5
 Concen: 84.345 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG046679.D
 Acq: 18 Sep 2020 21:27

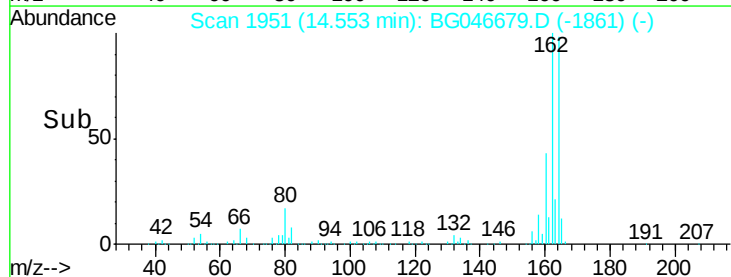
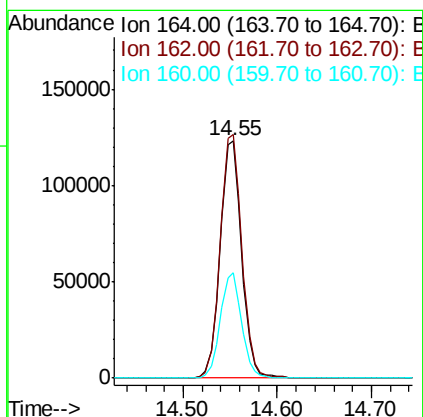
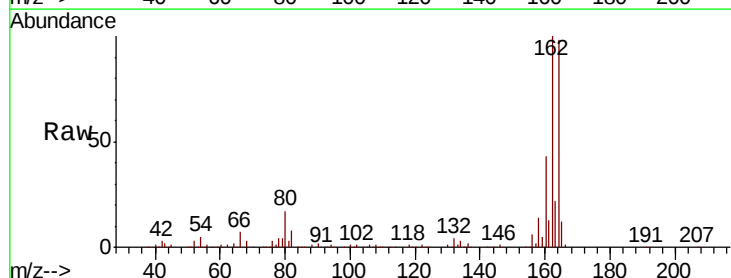
Instrument :
 BNA_G
 ClientSampleId :
 PAV-091620-DP

Tot Ion	82	Resp	422125
Ion Ratio	Lower	Upper	
82	100		
128	44.1	37.0	55.6
54	49.4	39.0	58.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG046679.D
 Acq: 18 Sep 2020 21:27

Tgt Ion	164	Resp	197538
Ion Ratio	Lower	Upper	
164	100		
162	102.5	82.3	123.5
160	44.4	35.3	52.9

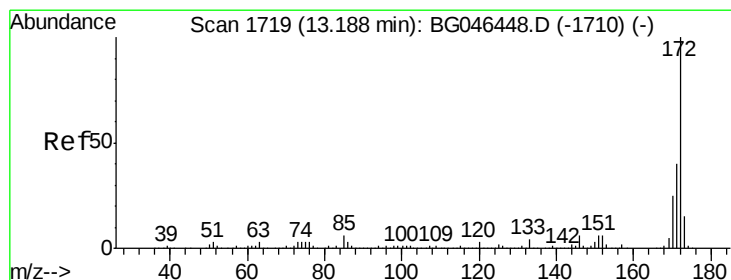
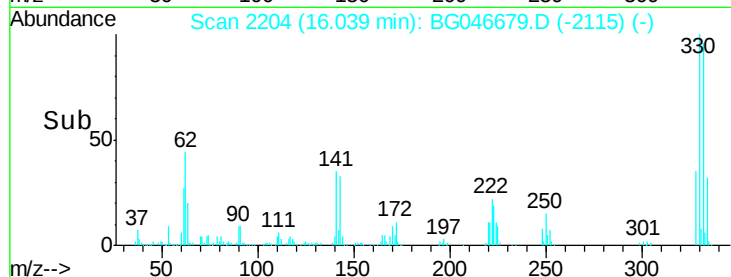
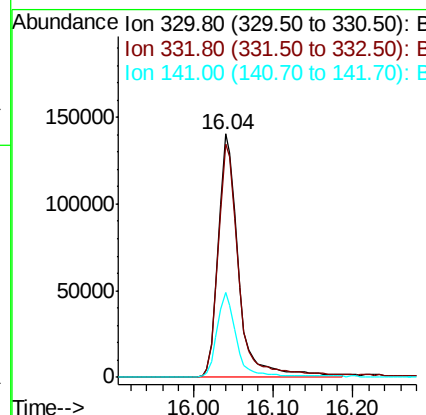
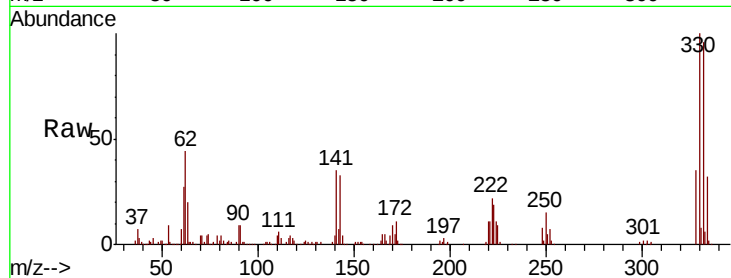




#42
 2,4,6-Tribromophenol
 Concen: 94.027 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG046679.D
 Acq: 18 Sep 2020 21:27

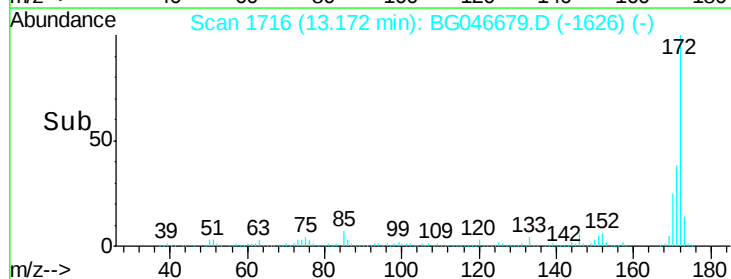
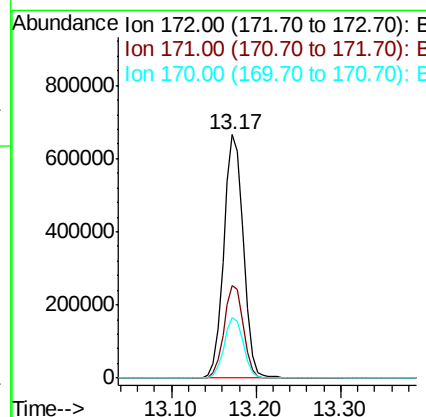
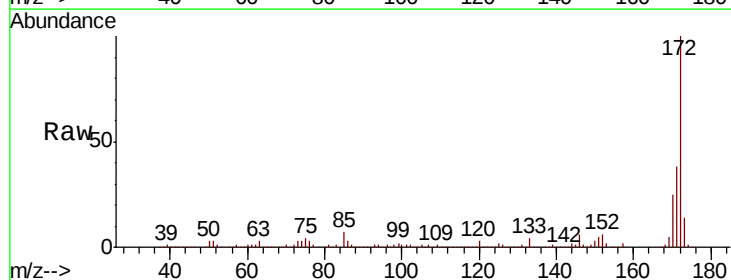
Instrument :
 BNA_G
 ClientSampleId :
 PAV-091620-DP

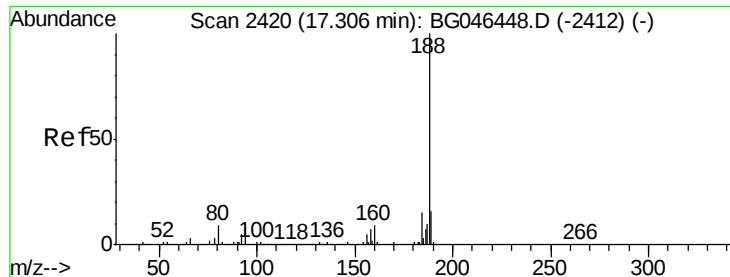
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.5	114.7
141	33.9	26.0	39.0



#45
 2-Fluorobiphenyl
 Concen: 83.184 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG046679.D
 Acq: 18 Sep 2020 21:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.0	20.8	31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG046679.D

Acq: 18 Sep 2020 21:27

Instrument :

BNA_G

ClientSampleId :

PAV-091620-DP

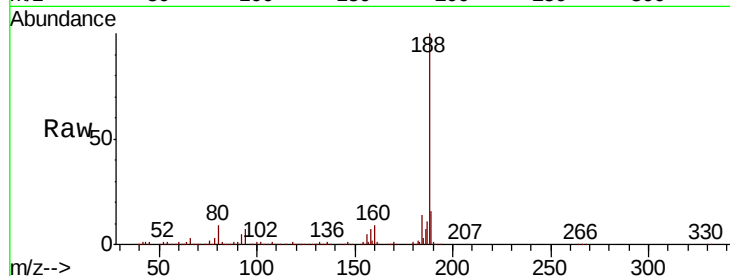
Tot Ion:188 Resp: 436414

Ion Ratio Lower Upper

188 100

94 7.3 6.3 9.5

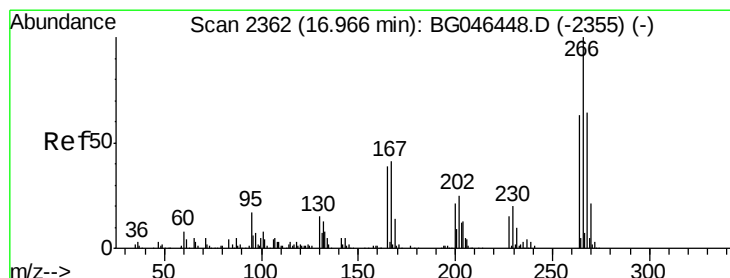
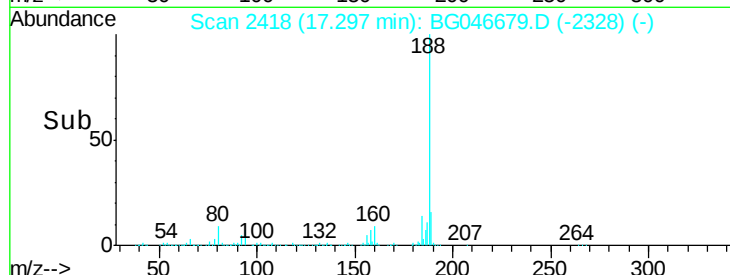
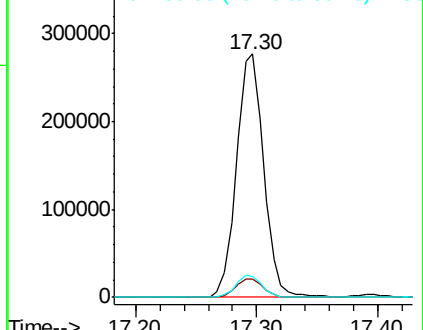
80 8.8 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#70

Pentachlorophenol

Concen: 9.326 ng

RT: 16.97 min Scan# 2362

Delta R.T. 0.01 min

Lab File: BG046679.D

Acq: 18 Sep 2020 21:27

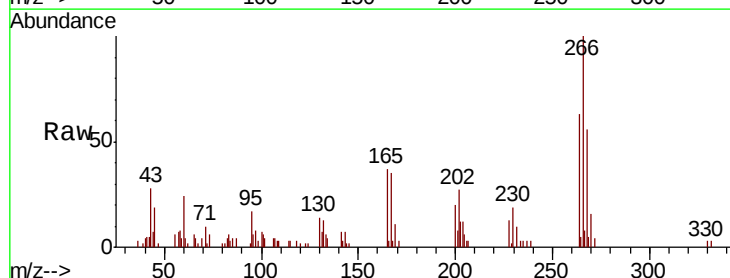
Tgt Ion:266 Resp: 27477

Ion Ratio Lower Upper

266 100

268 55.7 49.8 74.6

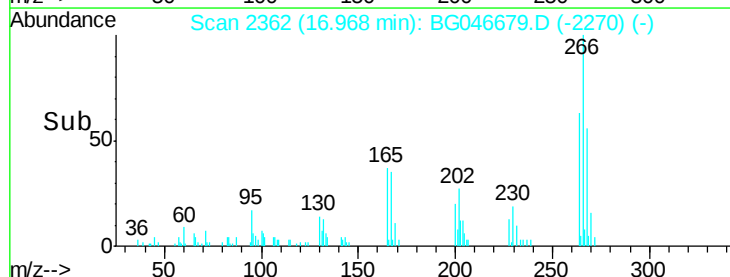
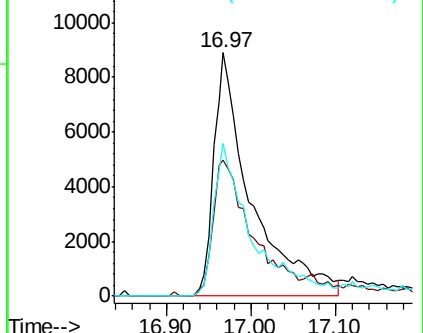
264 62.7 49.3 73.9

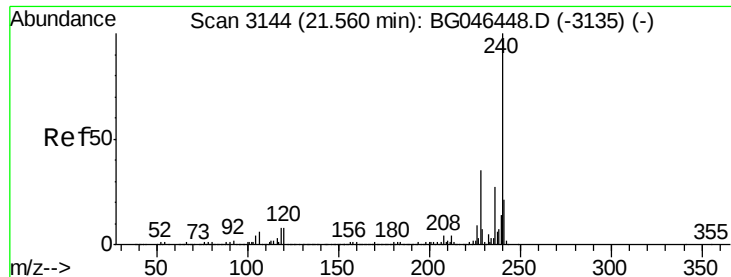


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

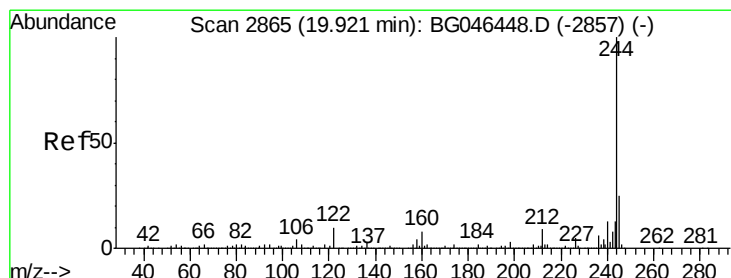
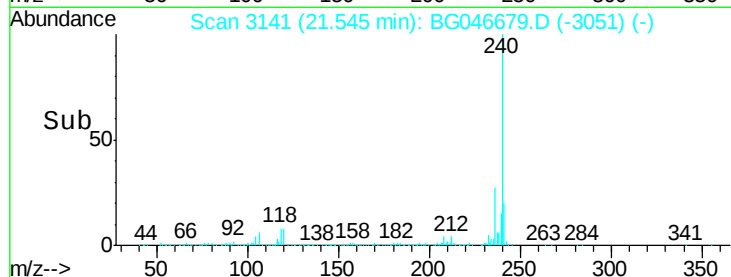
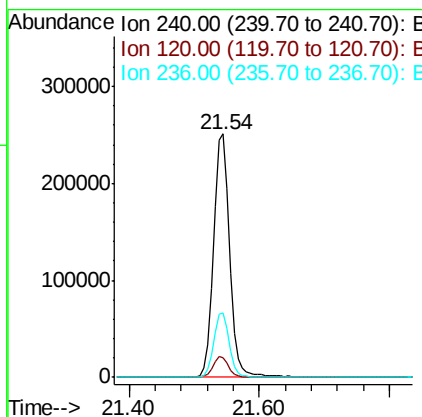
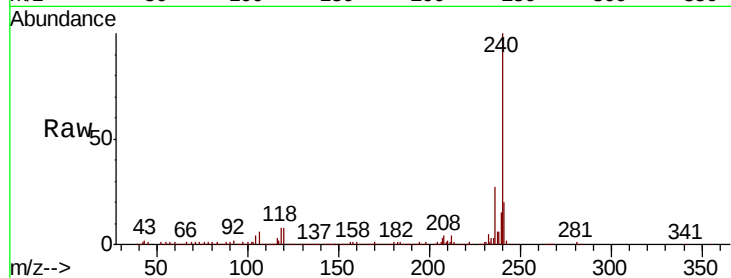




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG046679.D
Acq: 18 Sep 2020 21:27

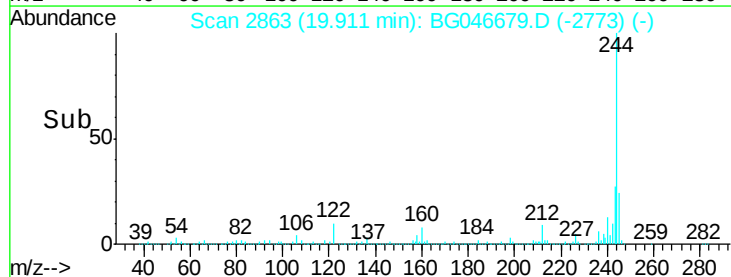
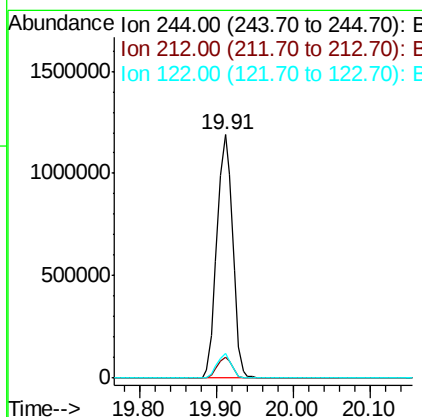
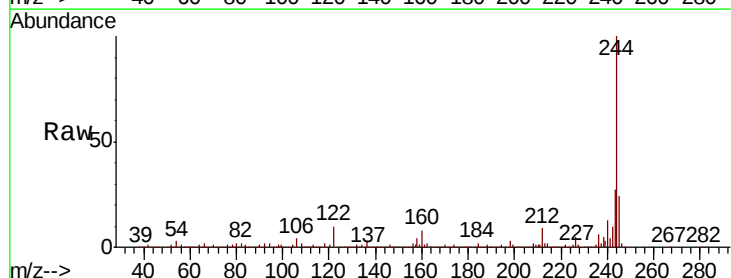
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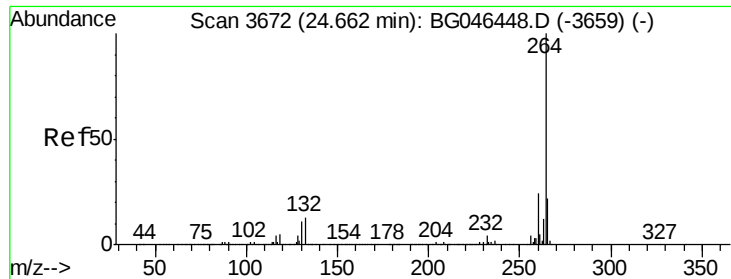
Tot Ion:240 Resp: 431633
Ion Ratio Lower Upper
240 100
120 8.2 6.2 9.4
236 26.5 20.5 30.7



#79
Terphenyl-d14
Concen: 82.830 ng
RT: 19.91 min Scan# 2863
Delta R.T. 0.00 min
Lab File: BG046679.D
Acq: 18 Sep 2020 21:27

Tgt Ion:244 Resp: 1679934
Ion Ratio Lower Upper
244 100
212 8.7 6.7 10.1
122 9.9 7.8 11.6





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. 0.00 min
Lab File: BG046679.D
Acq: 18 Sep 2020 21:27

Instrument :
BNA_G
ClientSampleId :
PAV-091620-DP

Tot Ion: 264 Resp: 414774

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	20.7	17.8	26.8

