

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045027.D
 Acq On : 17 Apr 2020 11:10
 Operator : CG/JU
 Sample : PB128274TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128274TB

Quant Time: Apr 17 12:29:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	65867	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	284251	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	220890	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	535099	20.00	ng	0.00
76) Chrysene-d12	21.66	240	499711	20.00	ng	0.00
87) Perylene-d12	24.84	264	518294	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	533618	133.75	ng	0.00
7) Phenol-d6	7.18	99	800450	135.04	ng	0.00
23) Nitrobenzene-d5	9.18	82	605522	97.20	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	500665	146.72	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1504354	99.86	ng	0.00
79) Terphenyl-d14	20.01	244	2450471	106.88	ng	0.00

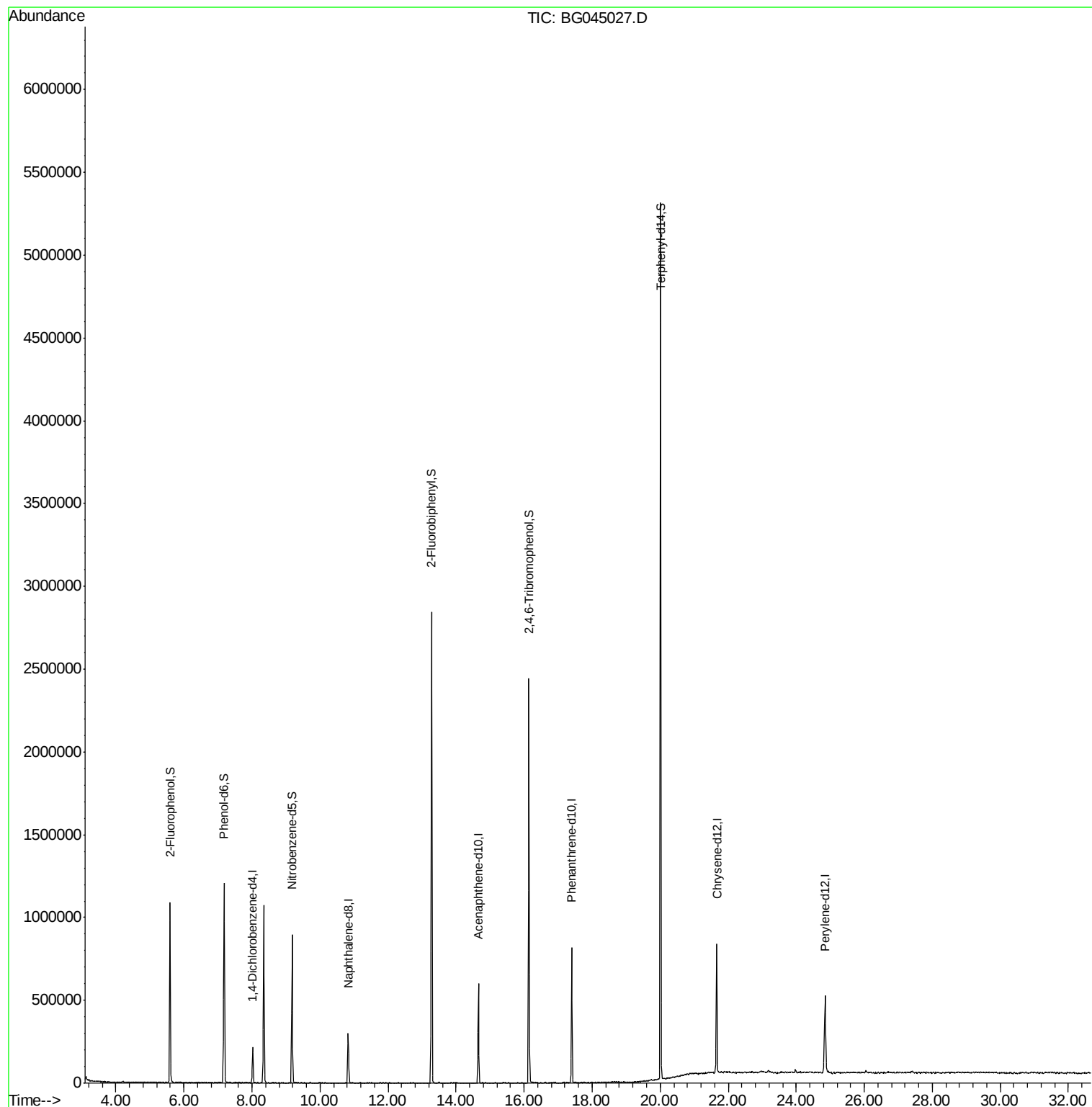
Target Compounds Qvalue

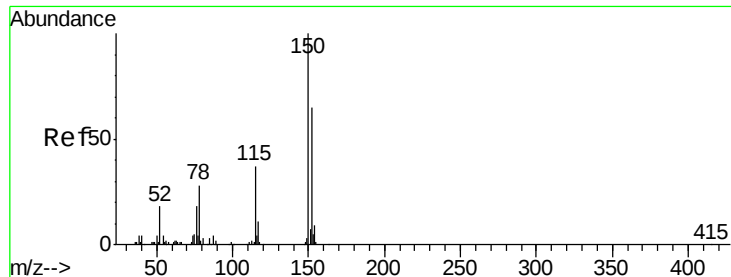
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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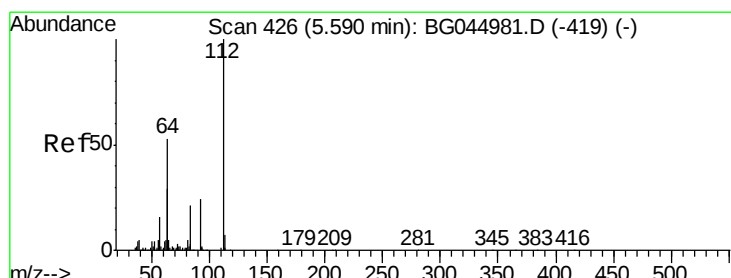
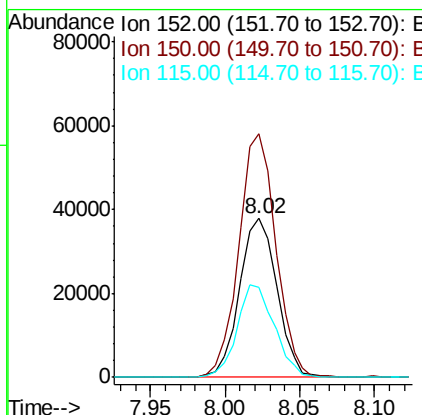
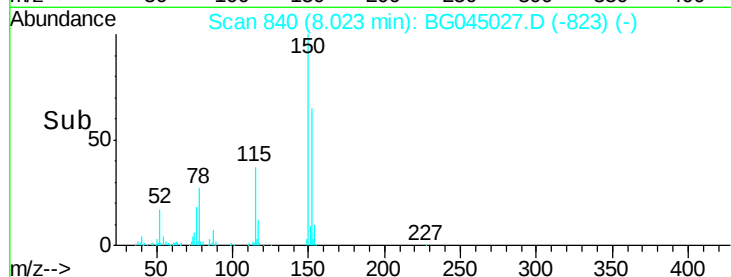
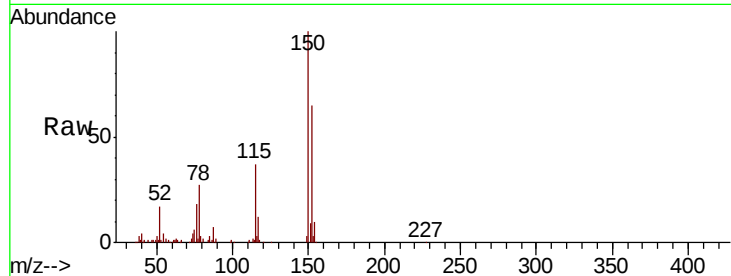




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045027.D
 Acq: 17 Apr 2020 11:10

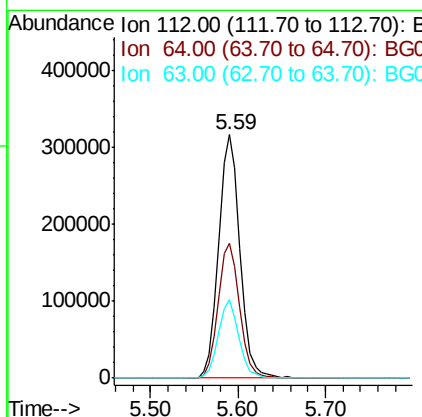
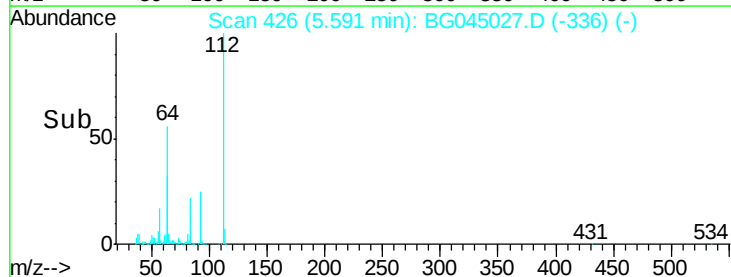
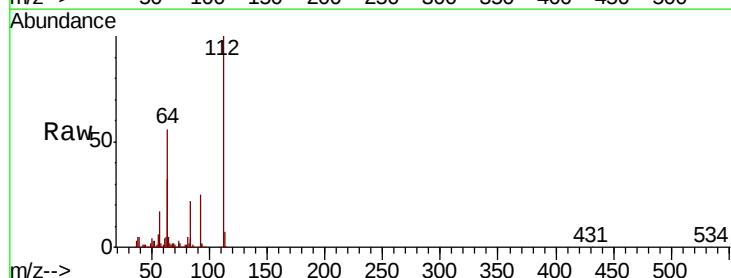
Instrument :
 BNA_G
 ClientSampleId :
 PB128274TB

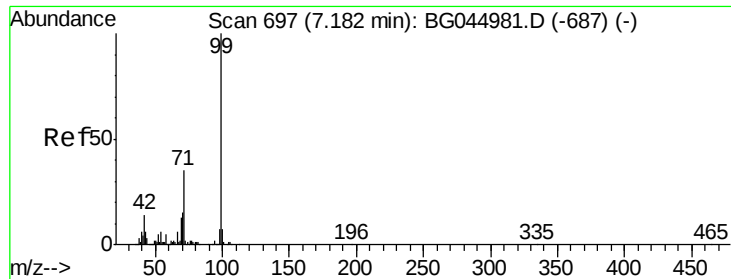
Tot Ion:	152	Resp:	65867
Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.6	185.4
115	57.0	49.1	73.7



#5
 2-Fluorophenol
 Concen: 133.751 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BG045027.D
 Acq: 17 Apr 2020 11:10

Tgt Ion:	112	Resp:	533618
Ion	Ratio	Lower	Upper
112	100		
64	55.5	42.4	63.6
63	32.2	23.1	34.7





#7

Phenol-d6

Concen: 135.037 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045027.D

Acq: 17 Apr 2020 11:10

Instrument :

BNA_G

ClientSampleId :

PB128274TB

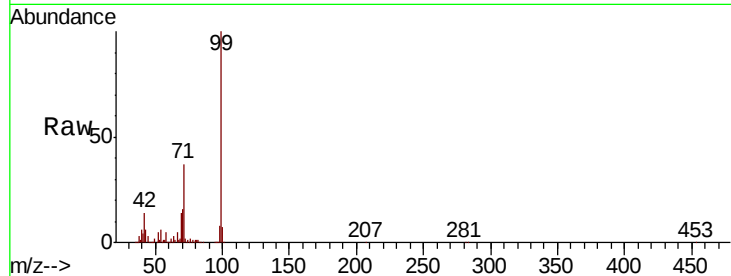
Tot Ion: 99 Resp: 800450

Ion Ratio Lower Upper

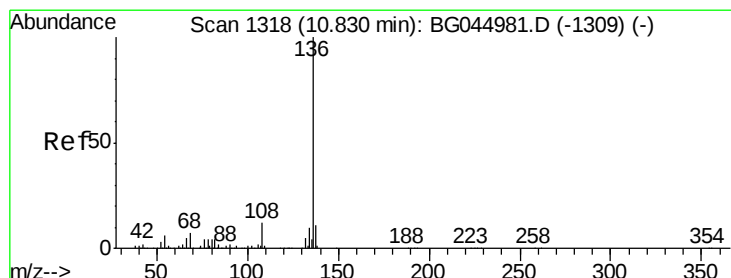
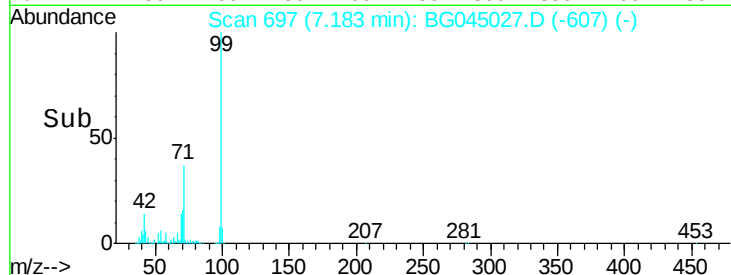
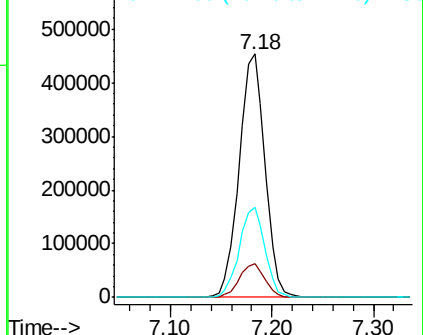
99 100

42 13.6 11.3 16.9

71 37.1 28.3 42.5



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: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG045027.D

Acq: 17 Apr 2020 11:10

Tgt Ion: 136 Resp: 284251

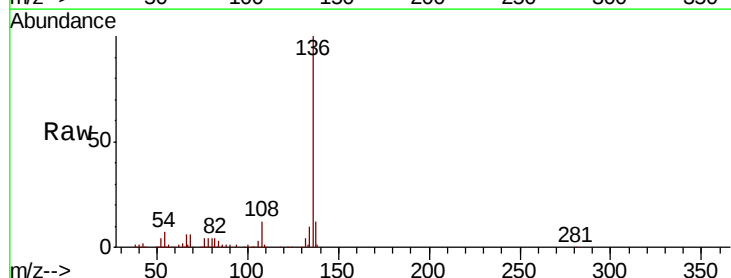
Ion Ratio Lower Upper

136 100

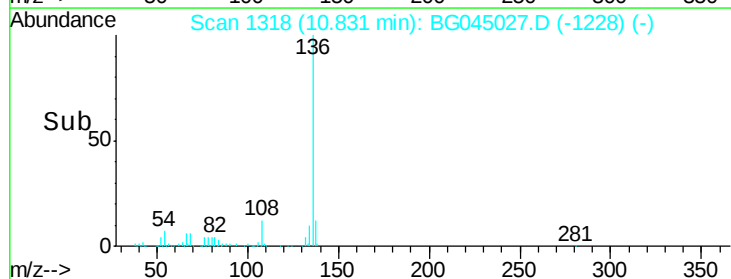
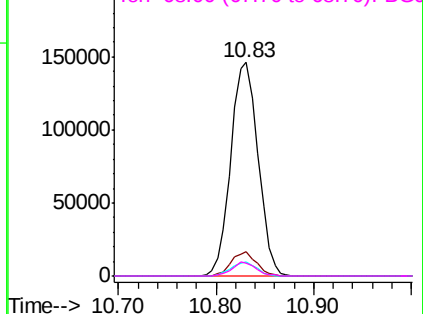
137 11.5 8.6 13.0

54 6.7 4.8 7.2

68 5.7 5.2 7.8



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

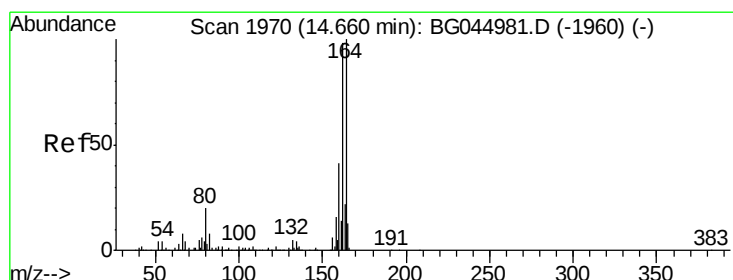
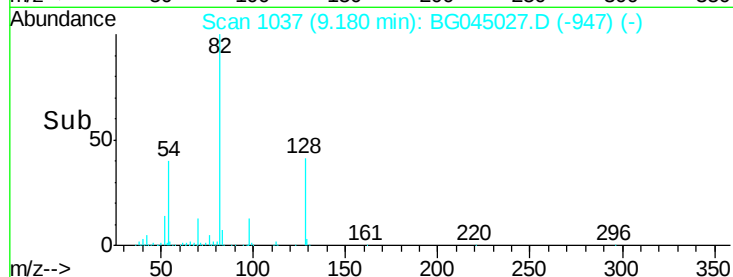
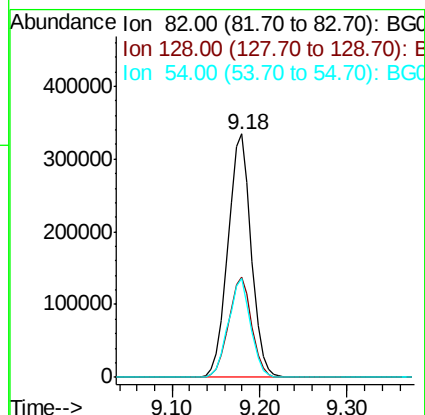
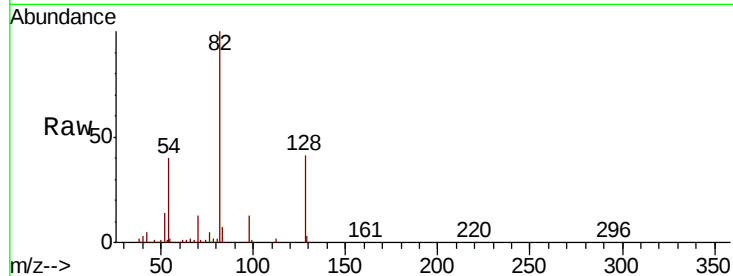




#23
 Nitrobenzene-d5
 Concen: 97.200 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045027.D
 Acq: 17 Apr 2020 11:10

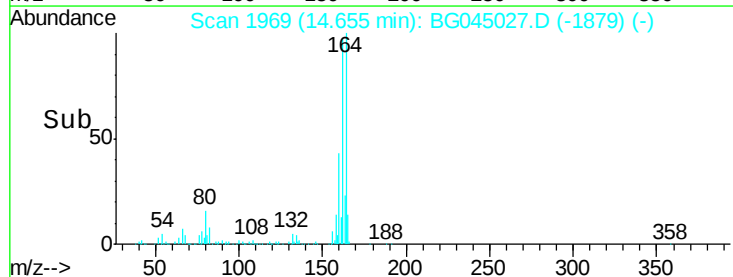
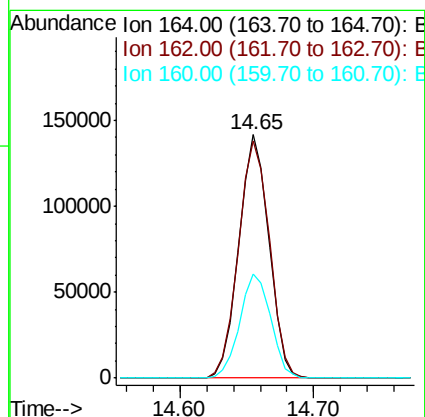
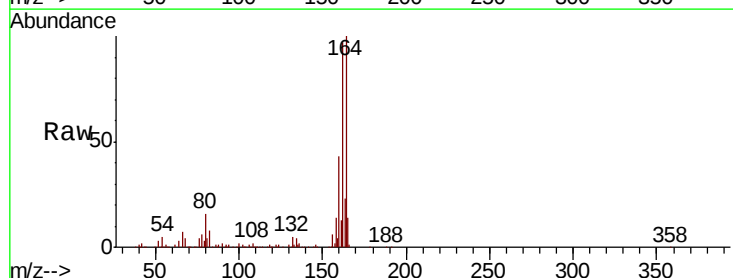
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Tot Ion	82	Resp	605522
Ion Ratio	Lower	Upper	
82	100		
128	41.0	33.0	49.4
54	40.4	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045027.D
 Acq: 17 Apr 2020 11:10

Tgt Ion	164	Resp	220890
Ion Ratio	Lower	Upper	
164	100		
162	97.4	78.7	118.1
160	42.7	32.8	49.2

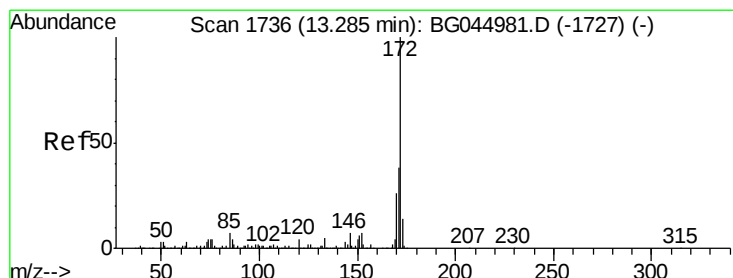
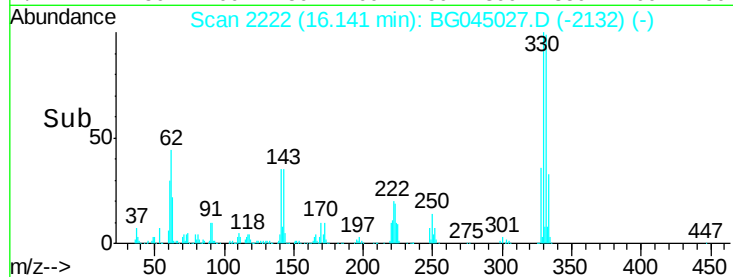
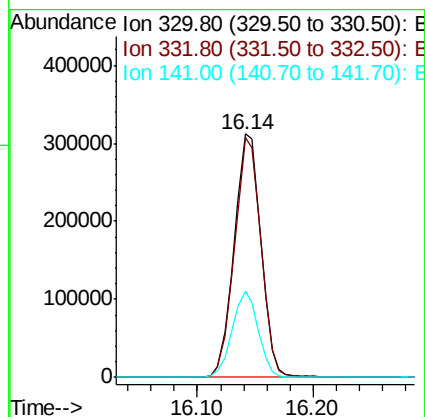
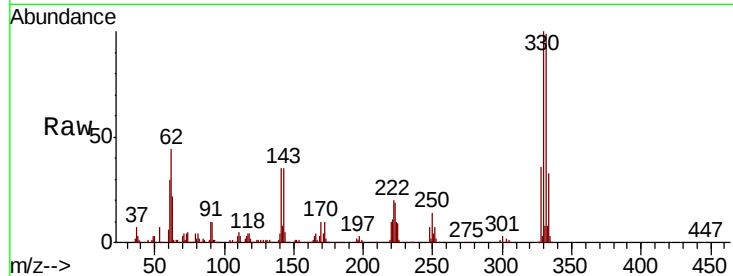




#42
 2,4,6-Tribromophenol
 Concen: 146.717 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG045027.D
 Acq: 17 Apr 2020 11:10

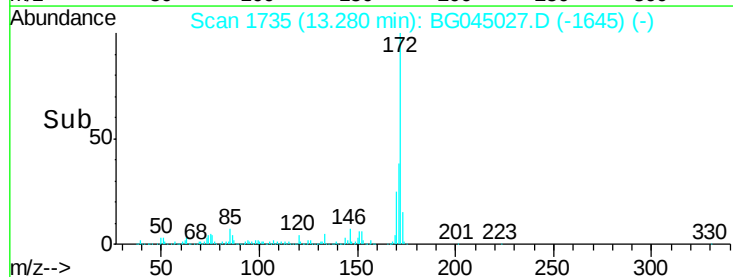
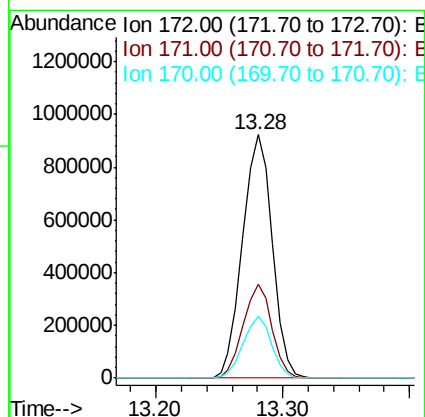
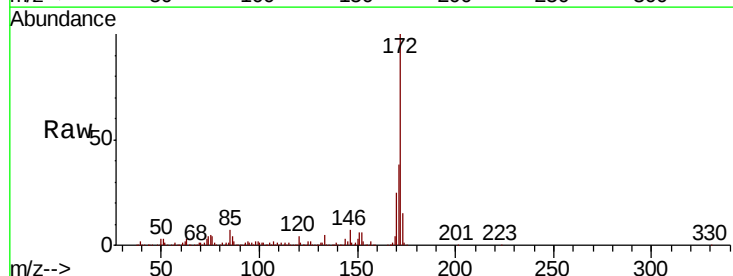
Instrument :
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 ClientSampleId :
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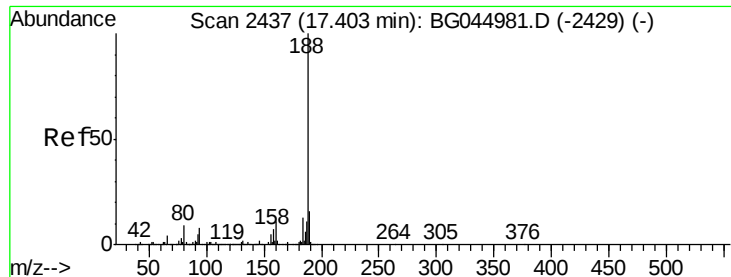
Tot Ion:	330	Resp:	500665
Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.1	118.7
141	34.3	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 99.862 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045027.D
 Acq: 17 Apr 2020 11:10

Tgt Ion:	172	Resp:	1504354
Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.6	46.0
170	25.4	20.5	30.7

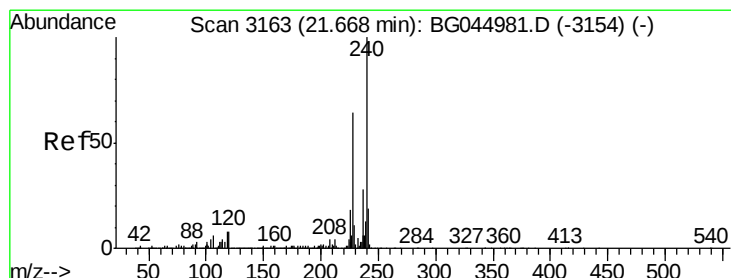
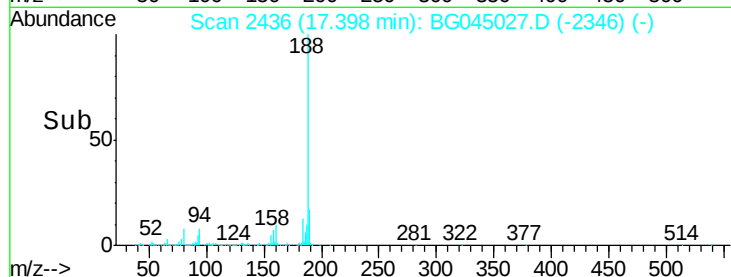
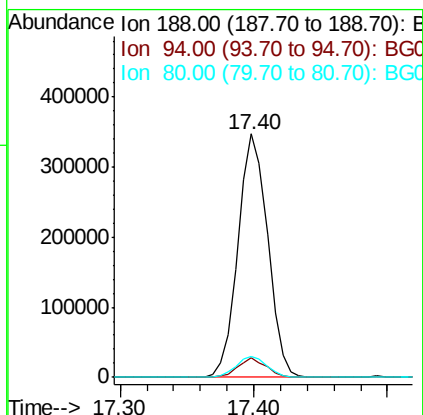
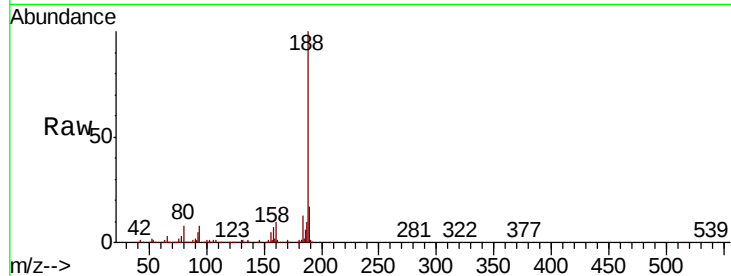




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045027.D
Acq: 17 Apr 2020 11:10

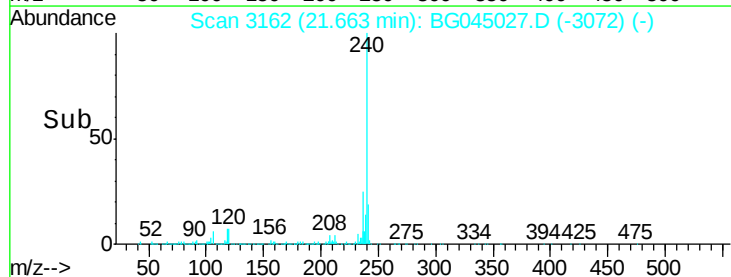
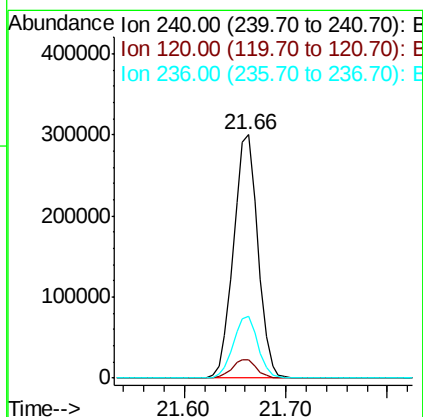
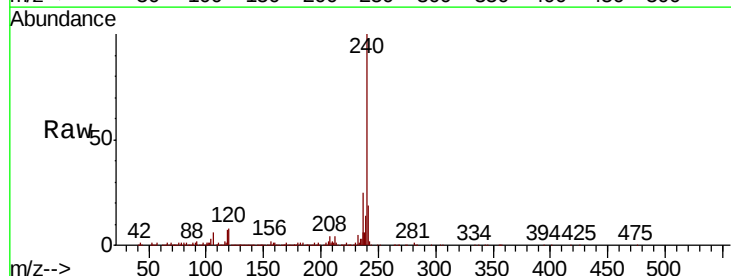
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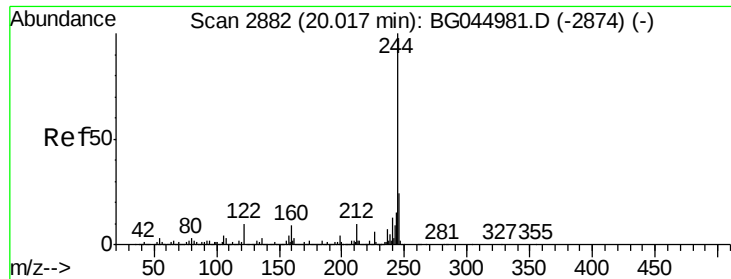
Tot Ion:188 Resp: 535099
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.4
80 8.4 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG045027.D
Acq: 17 Apr 2020 11:10

Tgt Ion:240 Resp: 499711
Ion Ratio Lower Upper
240 100
120 7.5 6.6 10.0
236 25.3 22.2 33.2





#79

Terphenyl-d14

Concen: 106.881 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045027.D

Acq: 17 Apr 2020 11:10

Instrument :

BNA_G

ClientSampleId :

PB128274TB

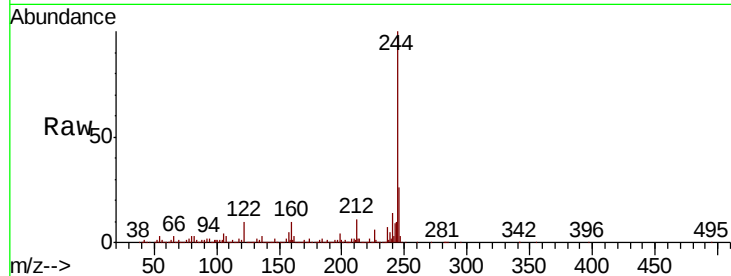
Tot Ion:244 Resp: 2450471

Ion Ratio Lower Upper

244 100

212 10.5 7.9 11.9

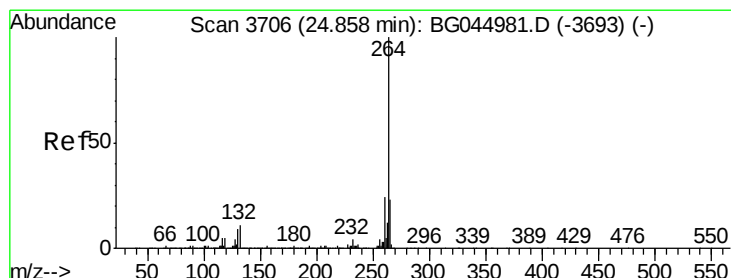
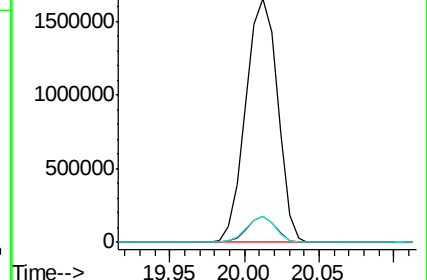
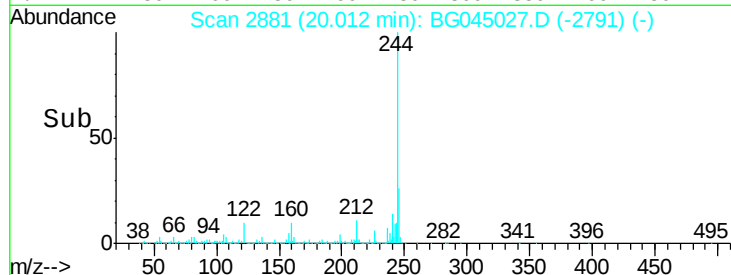
122 10.4 7.7 11.5



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

Perylene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG045027.D

Acq: 17 Apr 2020 11:10

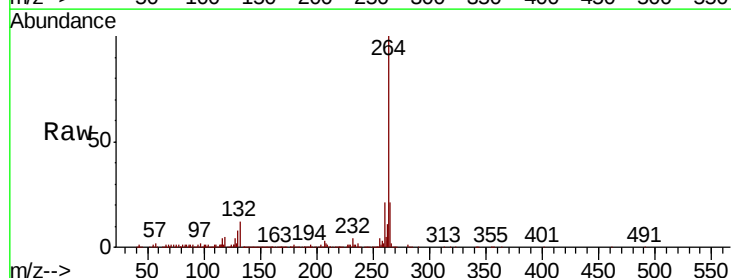
Tgt Ion:264 Resp: 518294

Ion Ratio Lower Upper

264 100

260 21.1 19.2 28.8

265 21.0 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

