

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\
 Data File : BG041843.D
 Acq On : 31 Jul 2019 21:24
 Operator : HP/JU
 Sample : K4021-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Manual Integrations
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 8/1/2019 5:10:18 PM

Quant Time: Aug 01 03:25:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	19809	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	90792	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	90997	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	416707	20.00	ng	0.00
76) Chrysene-d12	21.73	240	708140	20.00	ng	0.00
87) Perylene-d12	25.01	264	738397	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	169724	166.70	ng	0.00
7) Phenol-d6	7.19	99	239122	174.21	ng	0.00
23) Nitrobenzene-d5	9.21	82	150839	114.33	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	317369	307.05	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	483429	93.70	ng	0.00
79) Terphenyl-d14	20.06	244	2763380	89.29	ng	0.00

Target Compounds Qvalue

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

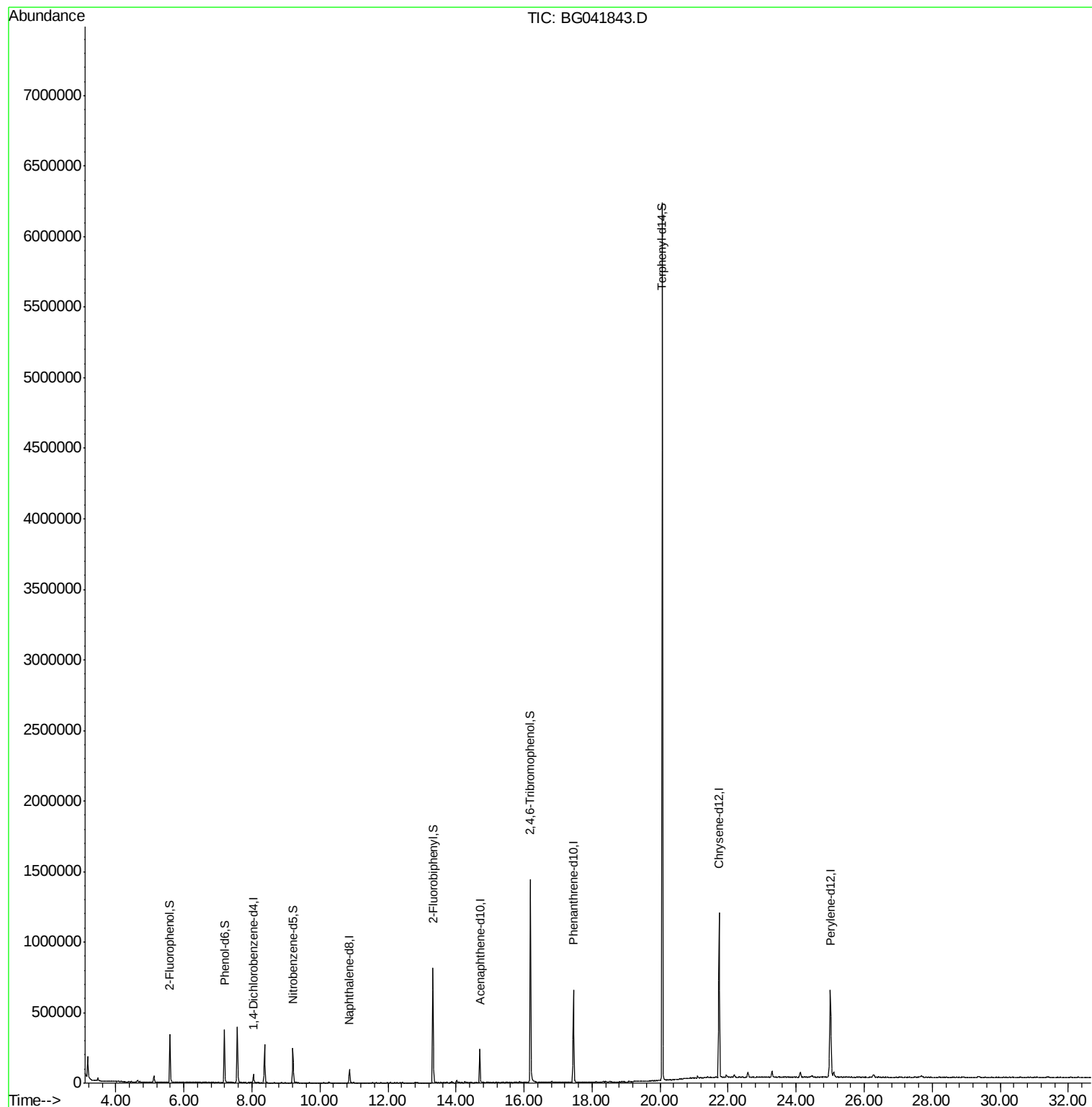
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\
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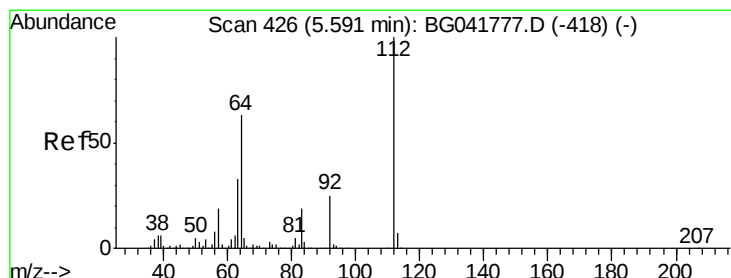
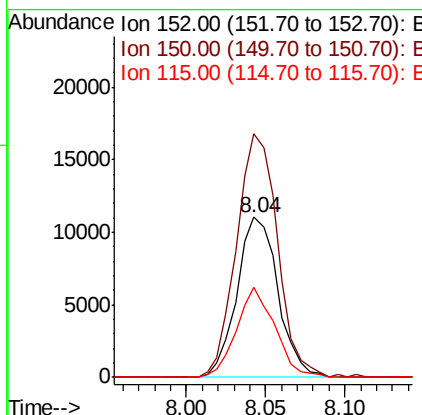
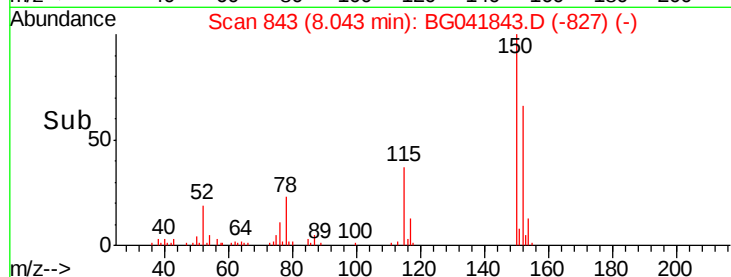
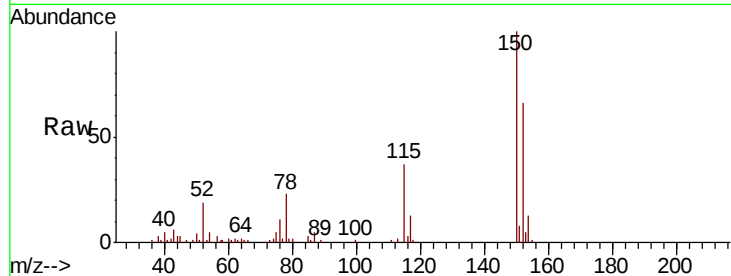
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG041843.D
 Acq: 31 Jul 2019 21:24

Instrument :
 BNA_G
 ClientSampled :
 TP-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	126.9	190.3
115	56.4	45.0	67.6

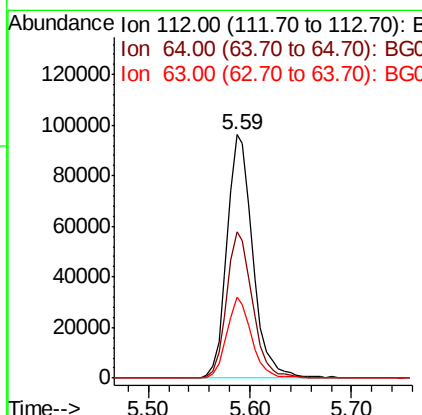
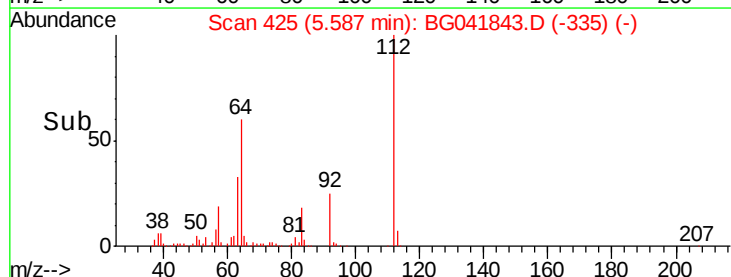
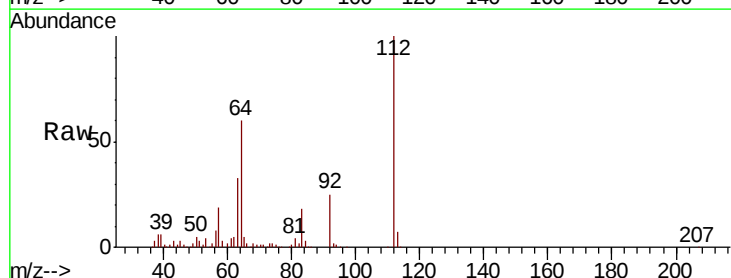
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#5
 2-Fluorophenol
 Concen: 166.701 ng
 RT: 5.59 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BG041843.D
 Acq: 31 Jul 2019 21:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	55.4	83.2
63	33.5	29.1	43.7





#7

Phenol-d6

Concen: 174.210 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041843.D

Acq: 31 Jul 2019 21:24

Instrument :

BNA_G

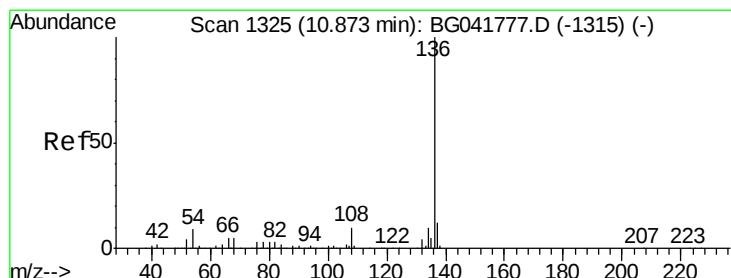
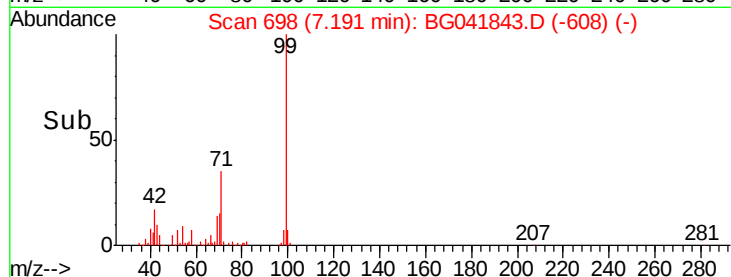
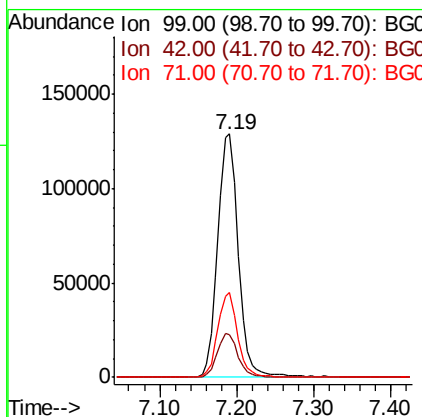
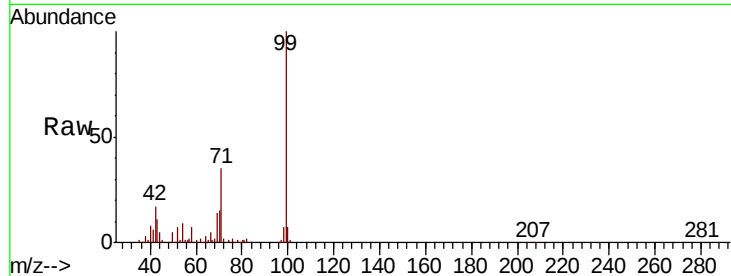
ClientSampleId :

TP-7

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		239122		
42	17.3	17.6	26.4#		
71	35.1	27.8	41.6		

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#21

Naphthalene-d8

Concen: 20.000 ng

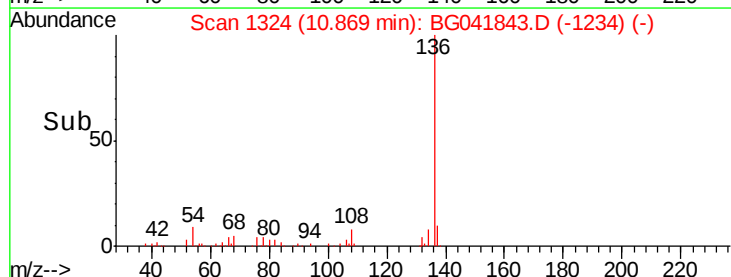
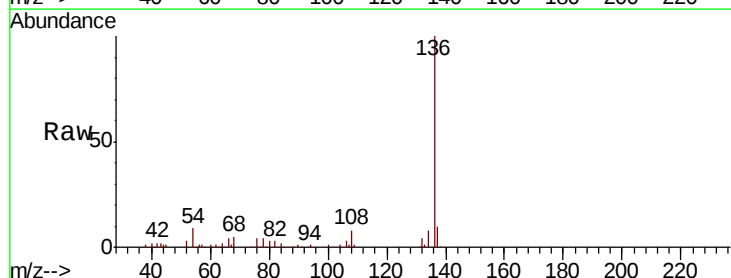
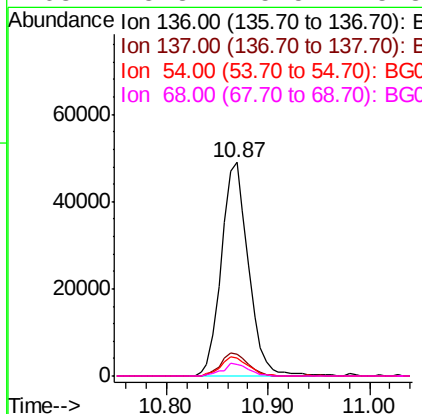
RT: 10.87 min Scan# 1324

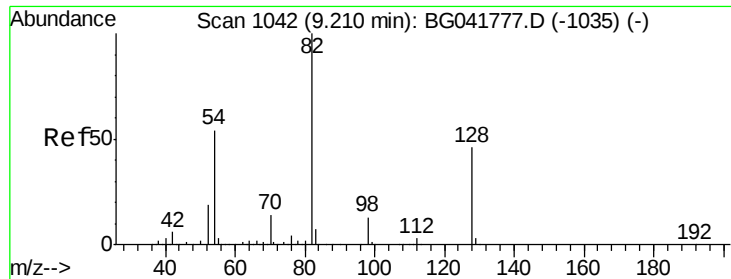
Delta R.T. -0.00 min

Lab File: BG041843.D

Acq: 31 Jul 2019 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		90792		
137	10.2	9.2	13.8		
54	8.6	8.7	13.1#		
68	5.3	5.5	8.3#		





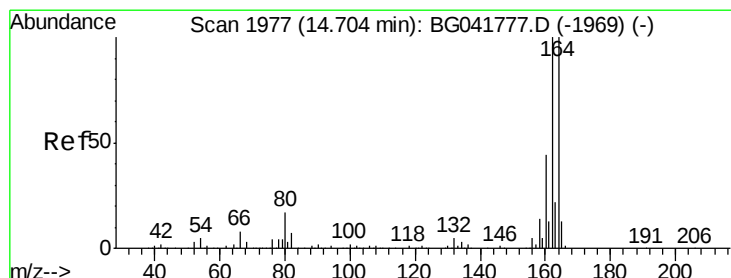
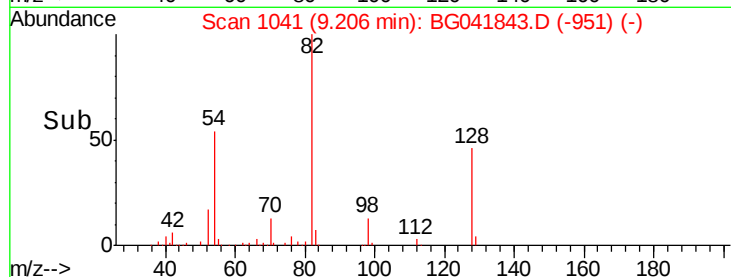
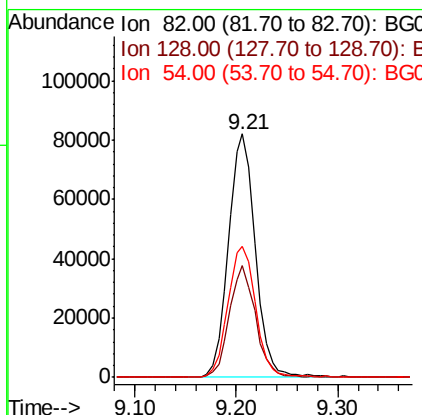
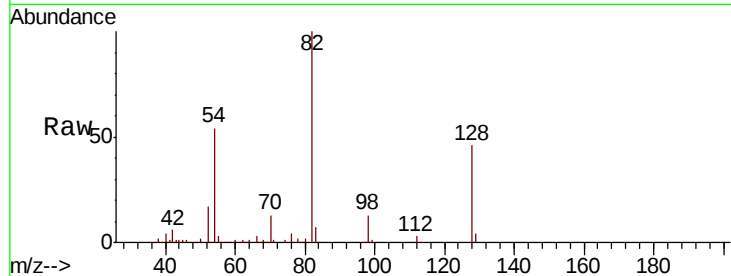
#23
Nitrobenzene-d5
Concen: 114.329 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041843.D
Acq: 31 Jul 2019 21:24

Instrument :
BNA_G
ClientSampled :
TP-7

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.1	52.7
54	53.8	48.7	73.1

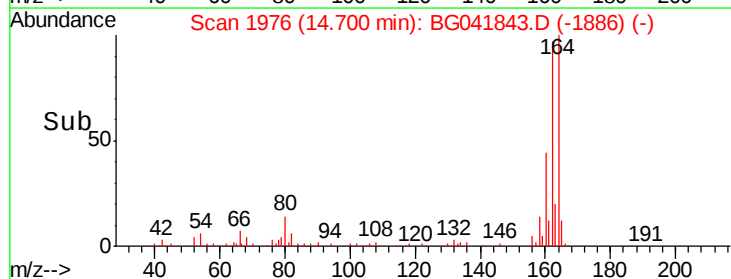
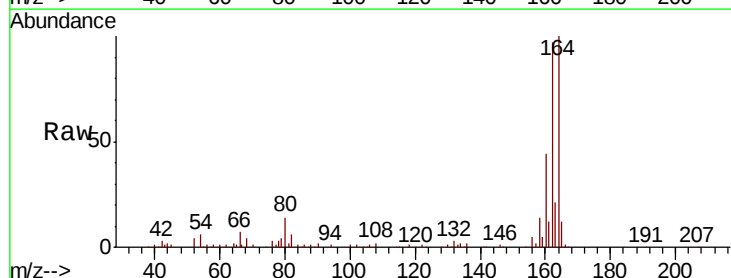
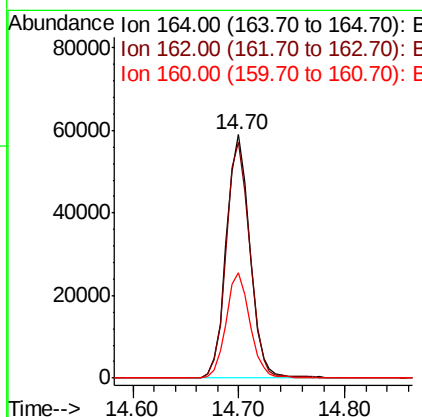
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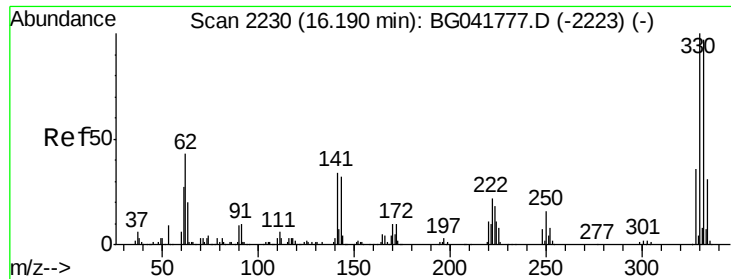
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG041843.D
Acq: 31 Jul 2019 21:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.0	79.6	119.4
160	43.5	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 307.052 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG041843.D

Acq: 31 Jul 2019 21:24

Instrument :

BNA_G

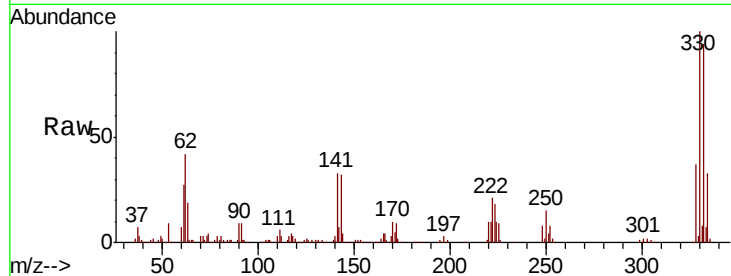
ClientSampled :

TP-7

Tot Ion	Ratio	Resp	Lower	Upper
330	100	317369		
332	95.3	77.4	116.0	
141	32.9	31.9	47.9	

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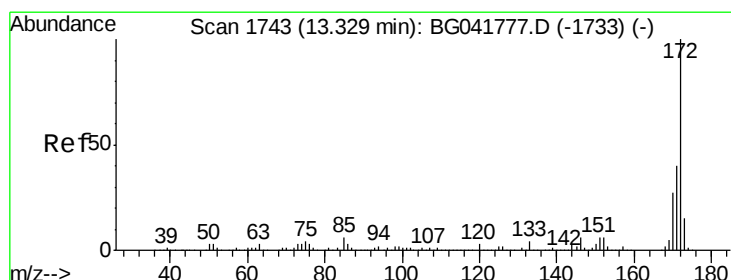
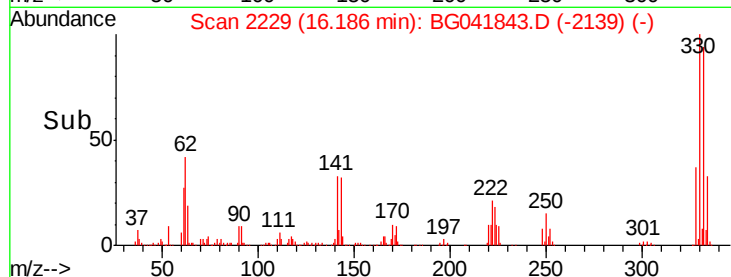
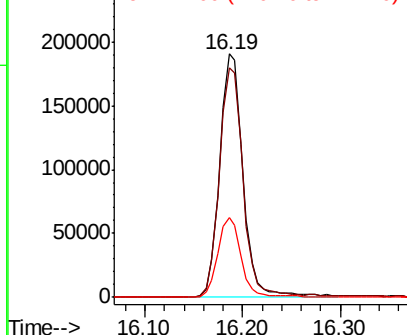


Abundance

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: 93.699 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BG041843.D

Acq: 31 Jul 2019 21:24

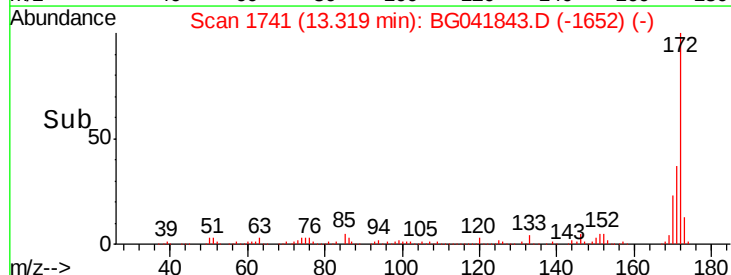
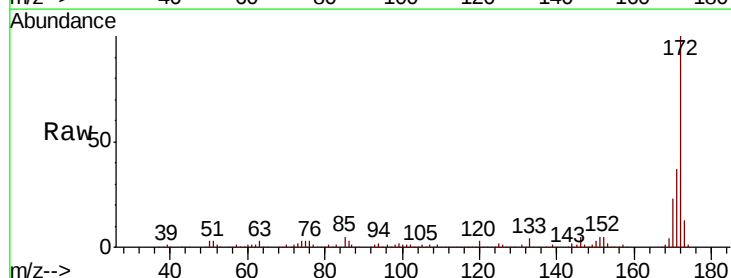
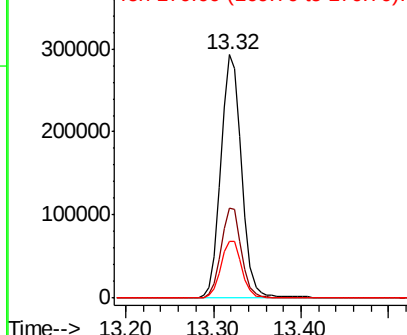
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	483429		
171	36.8	35.0	52.4	
170	23.2	23.5	35.3	

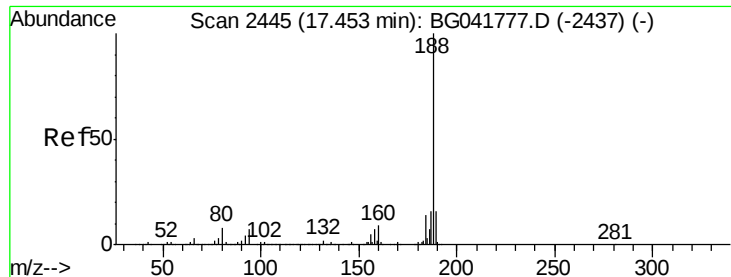
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG041843.D

Acq: 31 Jul 2019 21:24

Instrument :

BNA_G

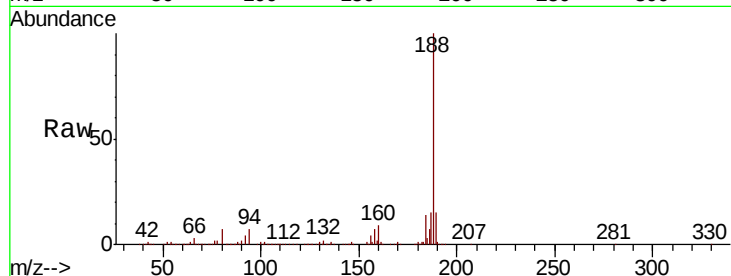
ClientSampleId :

TP-7

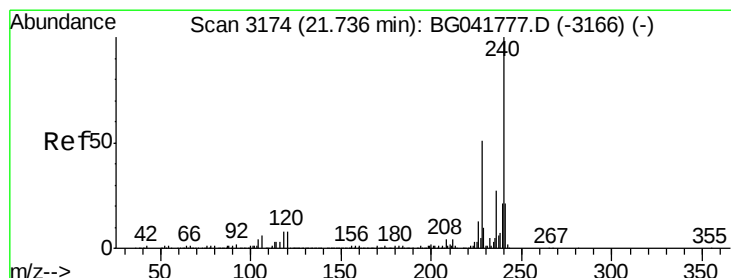
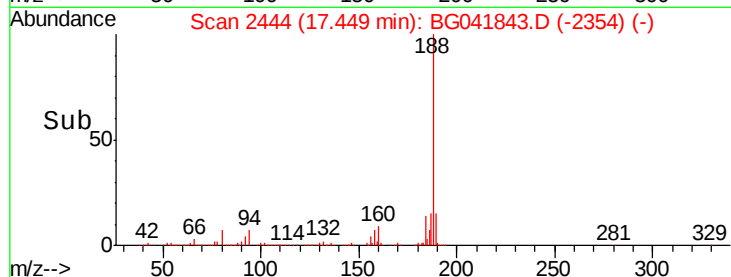
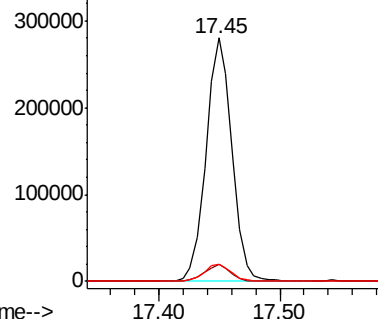
Tot Ion:	188	Resp:	416707
Ion Ratio	Lower	Upper	
188	100		
94	6.8	6.9	10.3#
80	7.0	8.0	12.0#

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

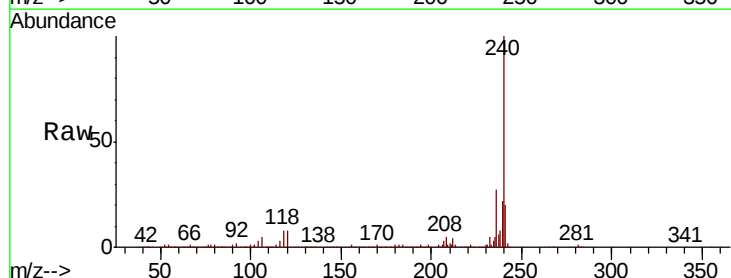
RT: 21.73 min Scan# 3173

Delta R.T. -0.00 min

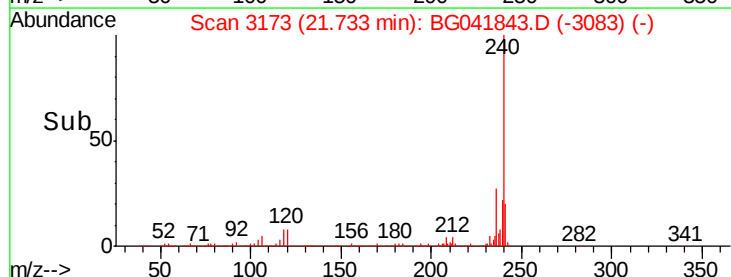
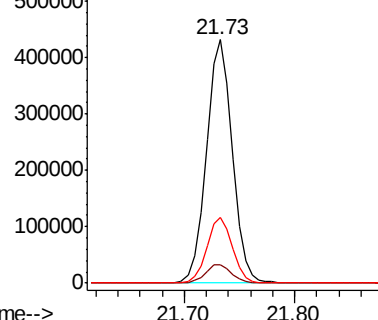
Lab File: BG041843.D

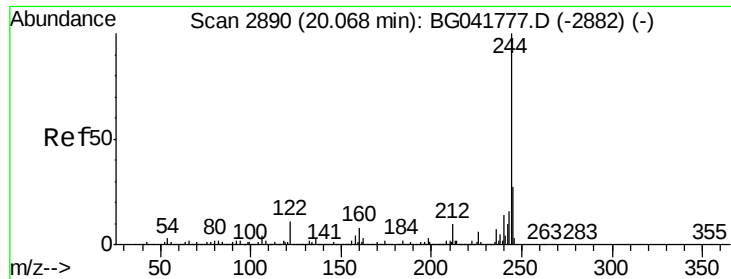
Acq: 31 Jul 2019 21:24

Tgt Ion:	240	Resp:	708140
Ion Ratio	Lower	Upper	
240	100		
120	7.7	8.0	12.0#
236	27.2	22.6	33.8



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: 89.295 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041843.D

Acq: 31 Jul 2019 21:24

Instrument :

BNA_G

ClientSampled :

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Tot Ion:244 Resp: 2763380

Ion Ratio Lower Upper

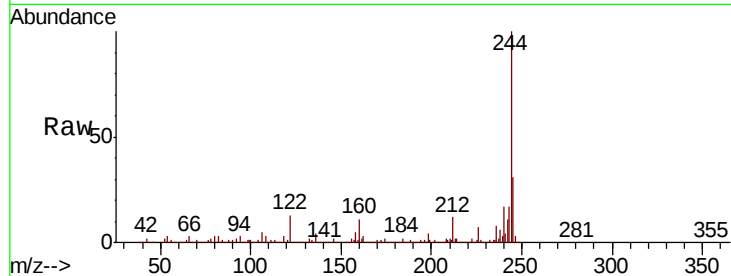
244 100

212 11.7 9.7 14.5

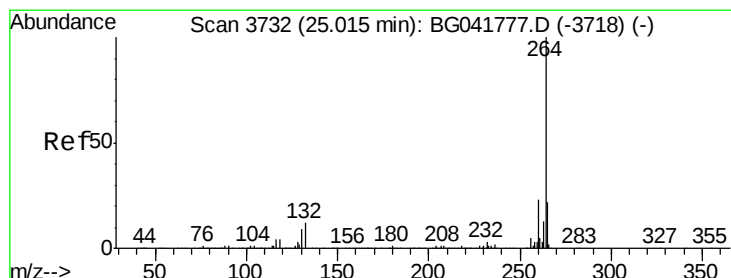
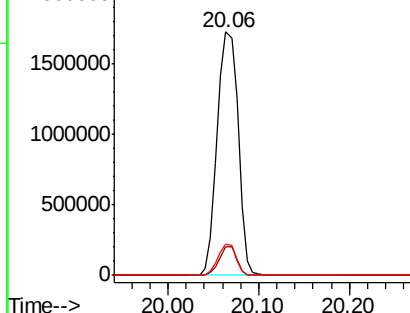
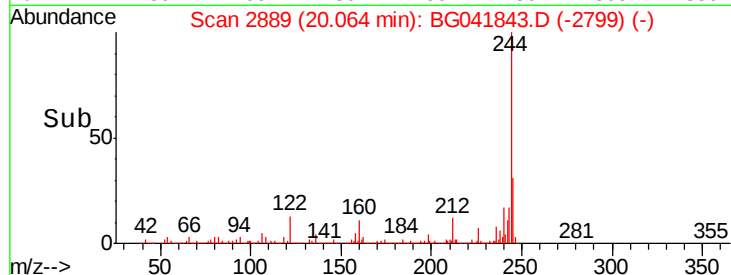
122 13.0 12.5 18.7

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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: 25.01 min Scan# 3730

Delta R.T. -0.01 min

Lab File: BG041843.D

Acq: 31 Jul 2019 21:24

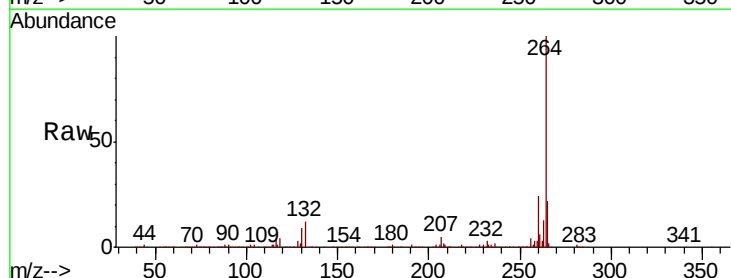
Tgt Ion:264 Resp: 738397

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 22.1 18.0 27.0



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

