

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
 Data File : BG045093.D
 Acq On : 20 Apr 2020 13:06
 Operator : CG/JU
 Sample : L2323-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-19-COMP

Manual Integrations
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 4/21/2020 2:53:53 PM

Quant Time: Apr 20 14:00:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 11:57:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	72072	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	317043	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	234648	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	516153	20.00	ng	0.00
76) Chrysene-d12	21.67	240	465175	20.00	ng	0.00
87) Perylene-d12	24.86	264	510011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	466311	106.82	ng	0.00
7) Phenol-d6	7.19	99	769073	118.57	ng	0.00
23) Nitrobenzene-d5	9.18	82	568710	81.85	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	445939	123.02	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1416344	88.51	ng	0.00
79) Terphenyl-d14	20.02	244	2051195	96.11	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	339612	17.775	ng	99
71) Phenanthrene	17.45	178	61589	2.322	ng	98
78) Pyrene	19.81	202	80245	2.502	ng	96
81) Benzo(a)anthracene	21.65	228	62710	2.080	ng	96
83) Chrysene	21.71	228	66442	2.294	ng	98
86) Indeno(1,2,3-cd)pyrene	28.48	276	77823	2.023	ng	# 86
88) Benzo(b)fluoranthene	23.85	252	94523m	2.959	ng	
90) Benzo(a)pyrene	24.71	252	77862	2.581	ng	100
92) Benzo(g,h,i)perylene	29.60	276	86512	2.839	ng	# 92

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

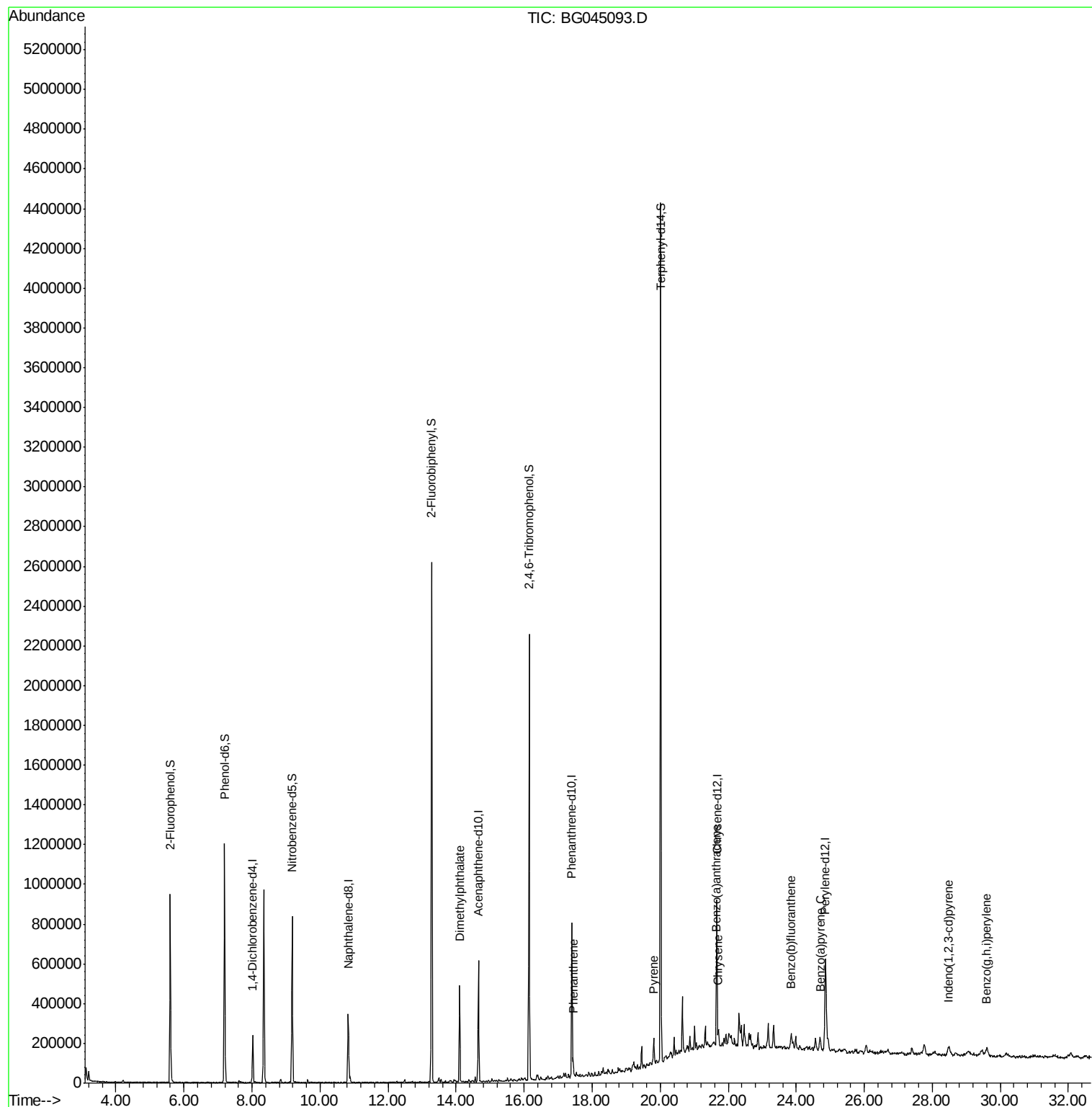
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045093.D
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Operator : CG/JU
Sample : L2323-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

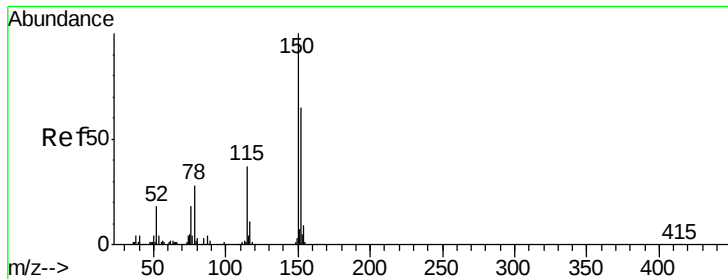
Instrument :
BNA_G
ClientSampleId :
TP-19-COMP

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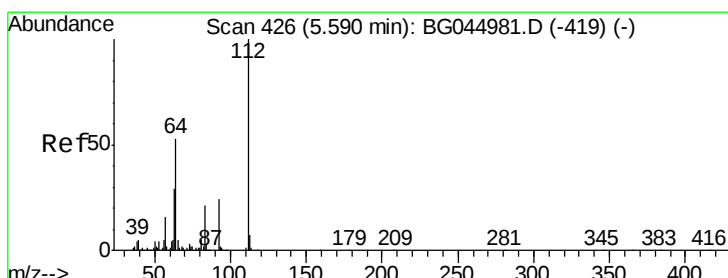
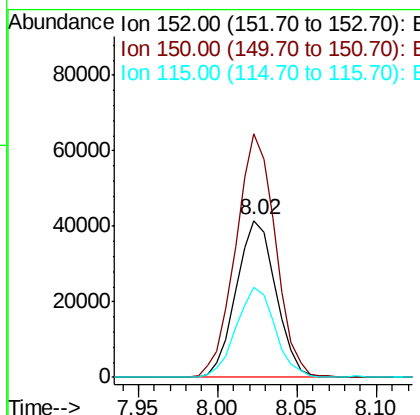
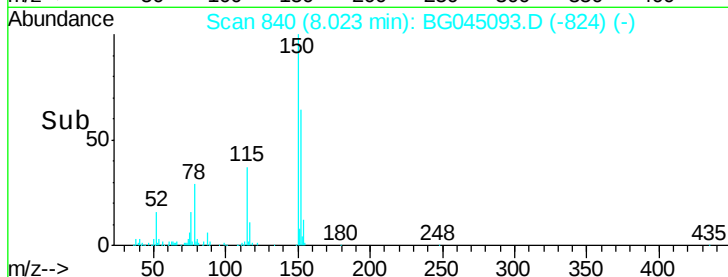
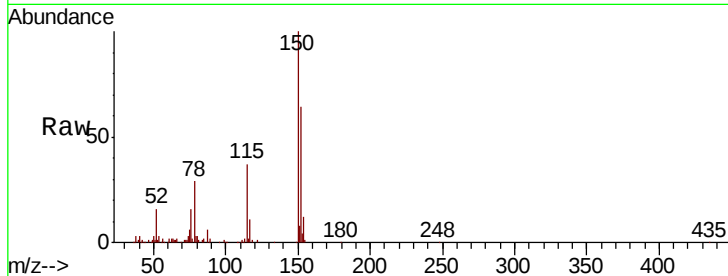
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BG045093.D
 Acq: 20 Apr 2020 13:06

Instrument :
 BNA_G
 ClientSampleId :
 TP-19-COMP

Tot Ion:	152	Resp:	72072
Ion Ratio	Lower	Upper	
152	100		
150	155.4	123.6	185.4
115	57.5	49.1	73.7

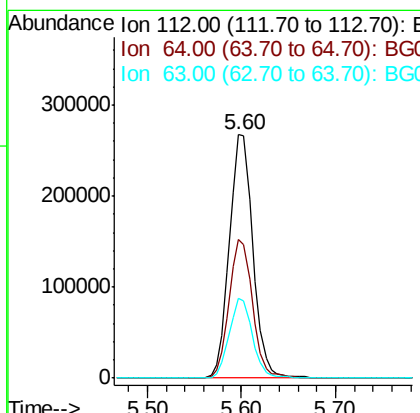
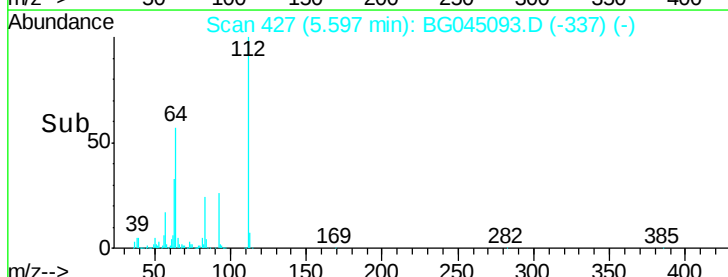
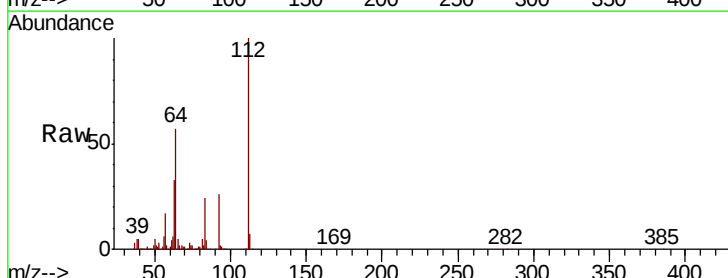
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#5
 2-Fluorophenol
 Concen: 106.817 ng
 RT: 5.60 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BG045093.D
 Acq: 20 Apr 2020 13:06

Tgt Ion:	112	Resp:	466311
Ion Ratio	Lower	Upper	
112	100		
64	57.1	42.4	63.6
63	32.9	23.1	34.7





#7

Phenol-d6

Concen: 118.574 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG045093.D

Acq: 20 Apr 2020 13:06

Instrument :

BNA_G

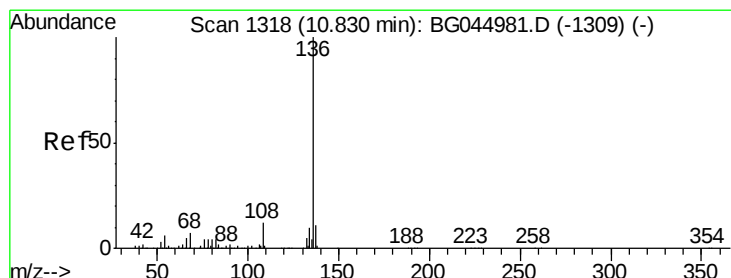
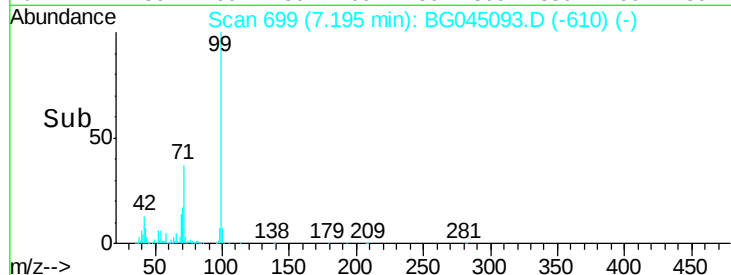
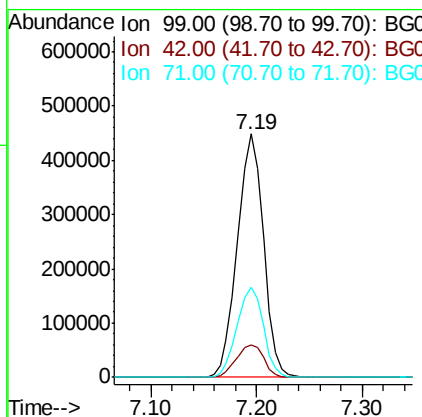
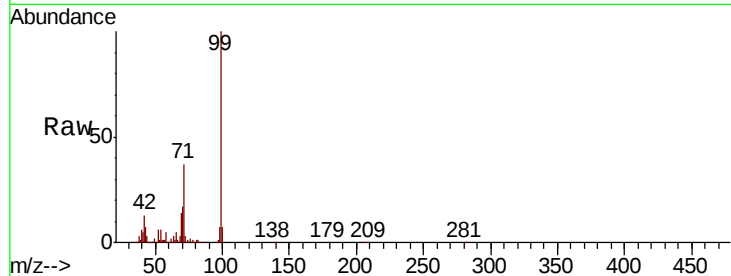
ClientSampleId :

TP-19-COMP

Tot Ion:	99	Resp:	769073
Ion Ratio	Lower	Upper	
99	100		
42	13.4	11.3	16.9
71	37.0	28.3	42.5

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#21

Naphthalene-d8

Concen: 20.000 ng

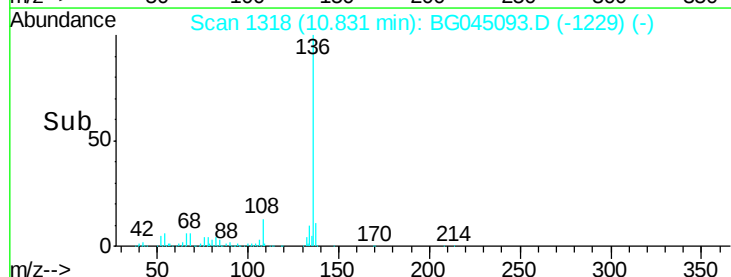
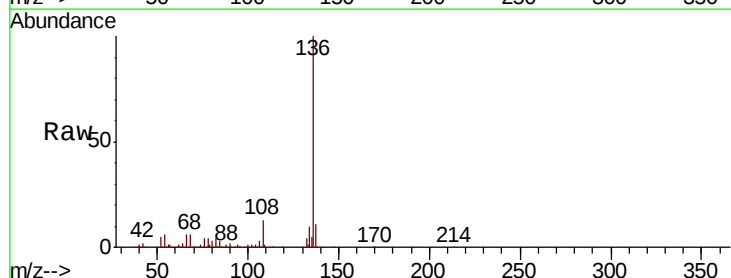
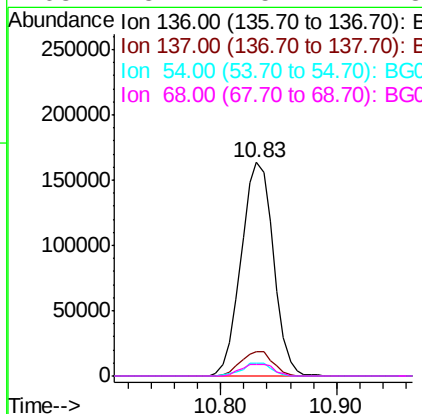
RT: 10.83 min Scan# 1318

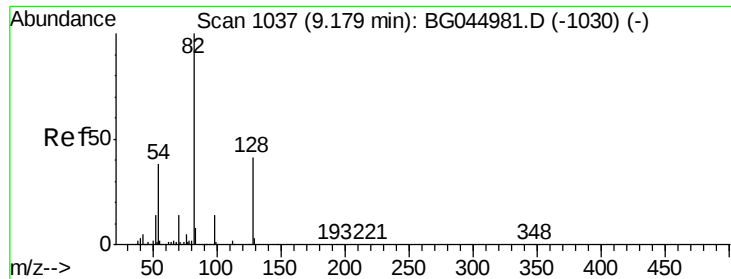
Delta R.T. -0.01 min

Lab File: BG045093.D

Acq: 20 Apr 2020 13:06

Tgt Ion:	136	Resp:	317043
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	6.0	4.8	7.2
68	5.7	5.2	7.8





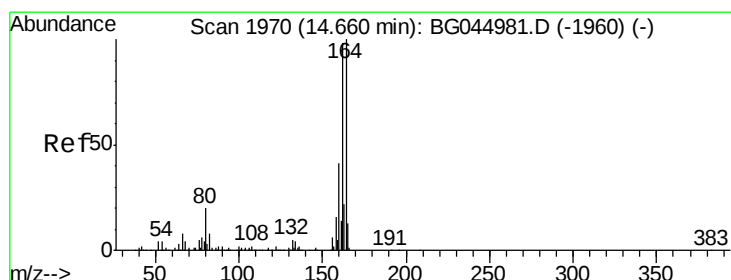
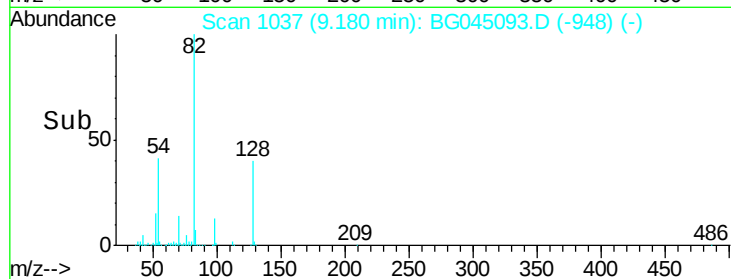
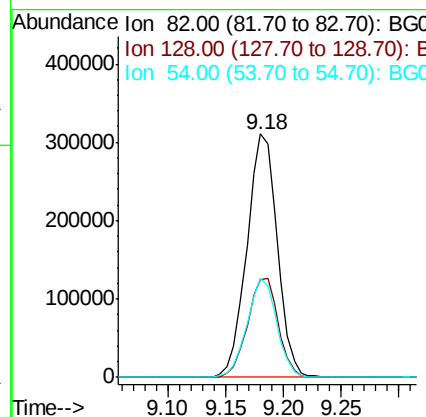
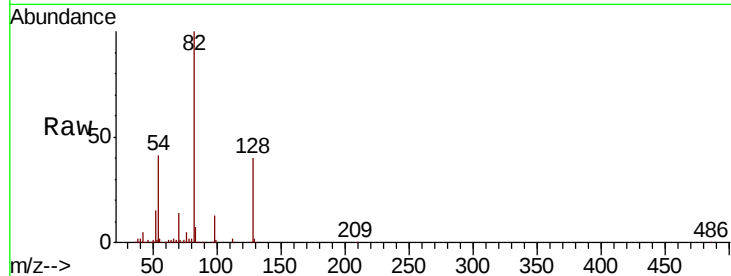
#23
Nitrobenzene-d5
Concen: 81.849 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG045093.D
Acq: 20 Apr 2020 13:06

Instrument :
BNA_G
ClientSampleId :
TP-19-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	33.0	49.4
54	40.8	30.4	45.6

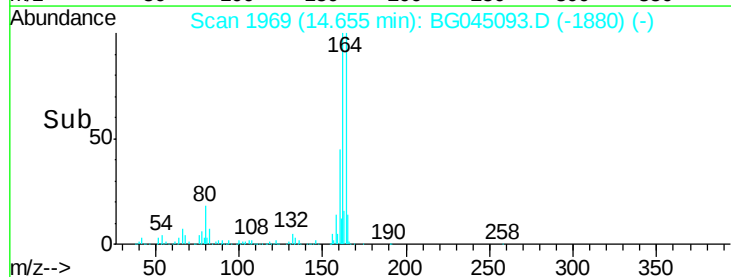
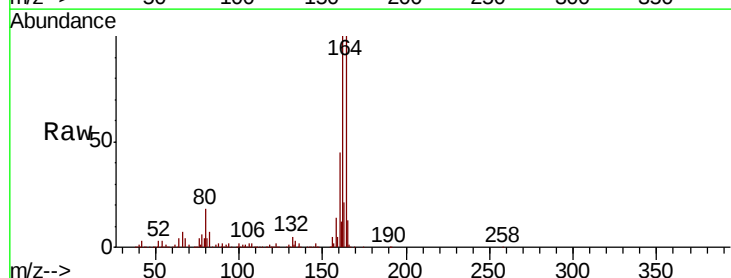
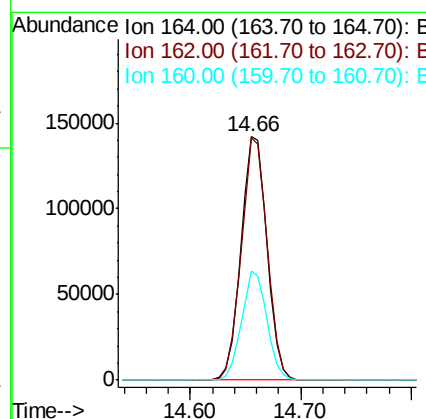
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG045093.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	78.7	118.1
160	44.8	32.8	49.2





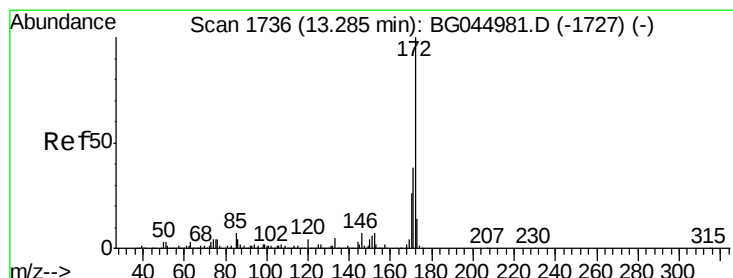
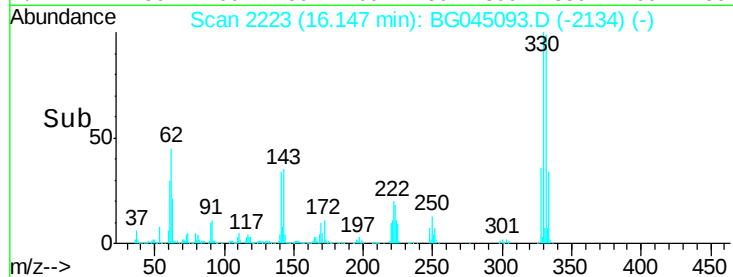
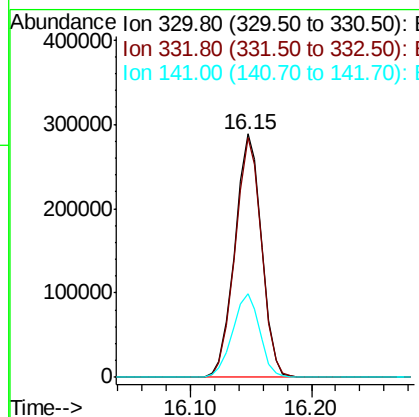
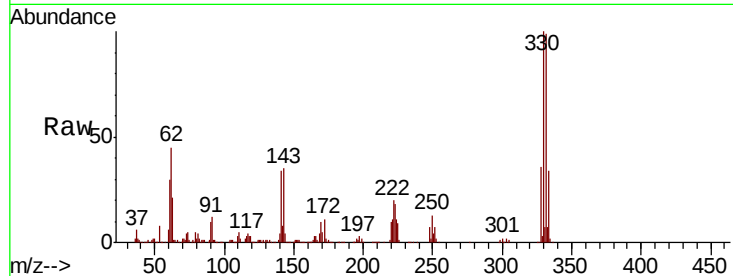
#42
 2,4,6-Tribromophenol
 Concen: 123.018 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG045093.D
 Acq: 20 Apr 2020 13:06

Instrument :
 BNA_G
 ClientSampleId :
 TP-19-COMP

Tot Ion:	330	Resp:	445939
Ion Ratio	Lower	Upper	
330	100		
332	97.3	79.1	118.7
141	34.7	27.1	40.7

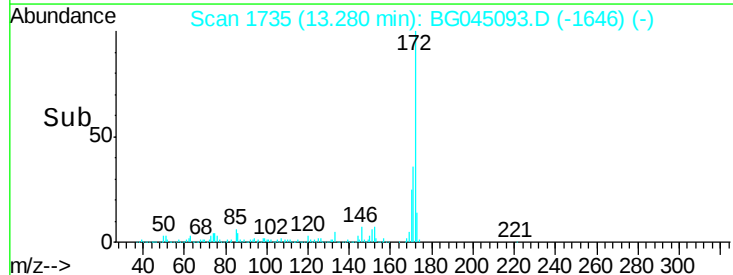
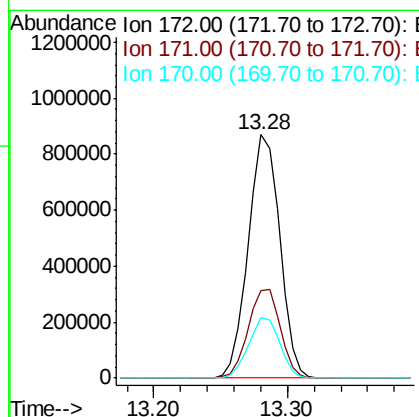
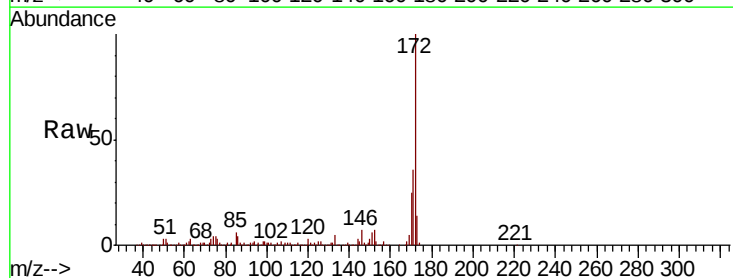
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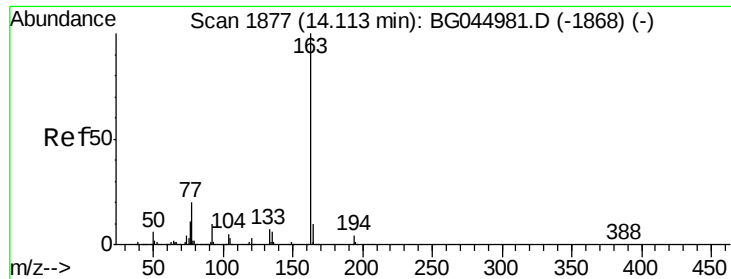
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#45
 2-Fluorobiphenyl
 Concen: 88.508 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG045093.D
 Acq: 20 Apr 2020 13:06

Tgt Ion:	172	Resp:	1416344
Ion Ratio	Lower	Upper	
172	100		
171	36.1	30.6	46.0
170	24.6	20.5	30.7





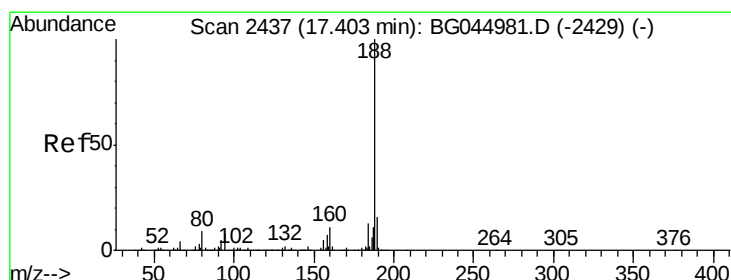
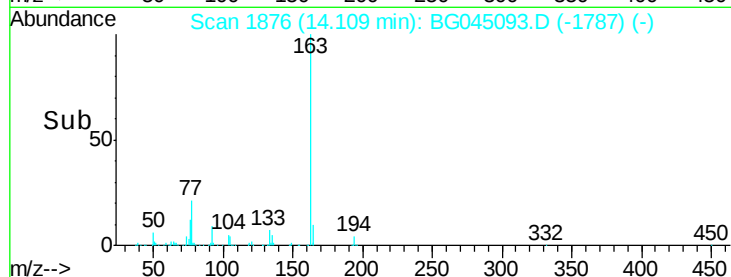
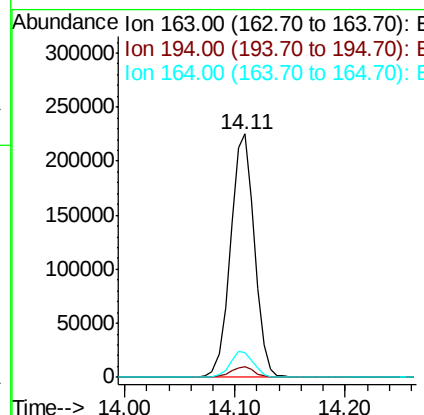
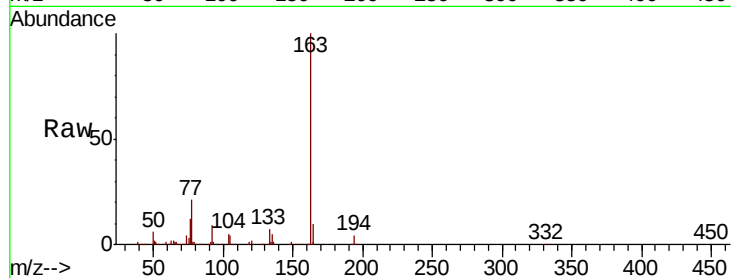
#50
Dimethylphthalate
Concen: 17.775 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG045093.D
Acq: 20 Apr 2020 13:06

Instrument :
BNA_G
ClientSampleId :
TP-19-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	339612		
194	4.3		3.5	5.3
164	10.0		8.2	12.4

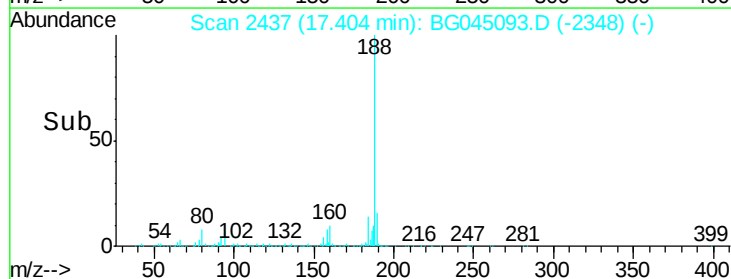
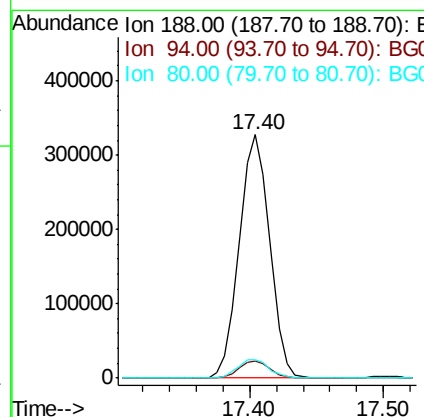
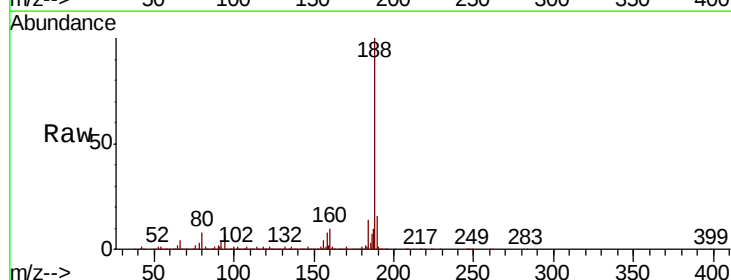
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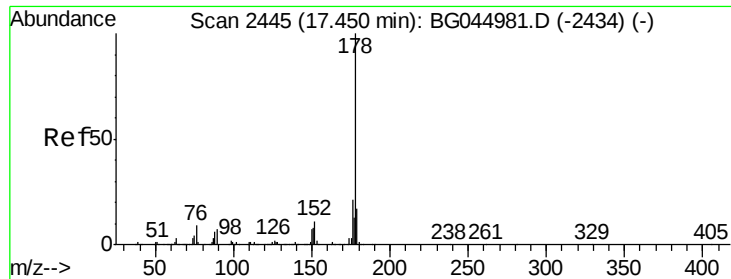
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG045093.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	516153		
94	7.1		6.2	9.4
80	7.7		7.0	10.6





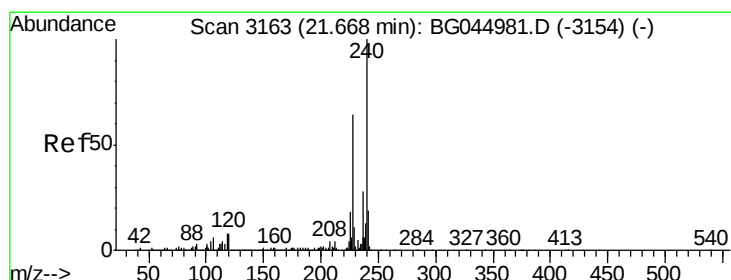
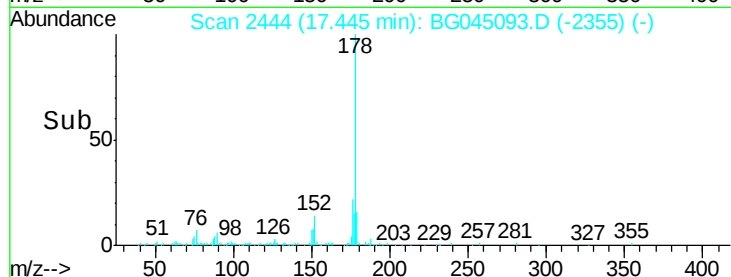
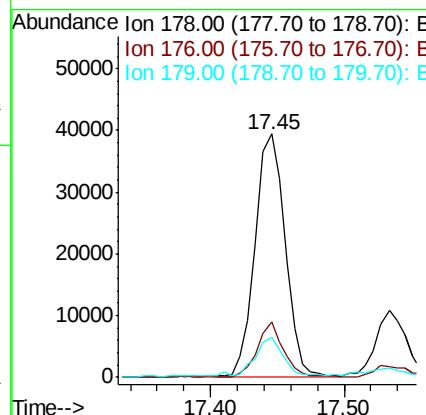
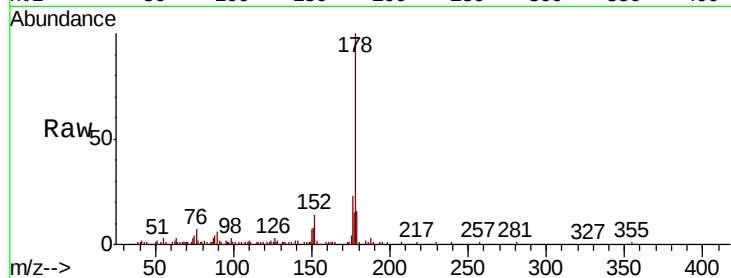
#71
Phenanthrene
Concen: 2.322 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG045093.D
Acq: 20 Apr 2020 13:06

Instrument :
BNA_G
ClientSampleId :
TP-19-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.8	16.8	25.2
179	16.3	13.2	19.8

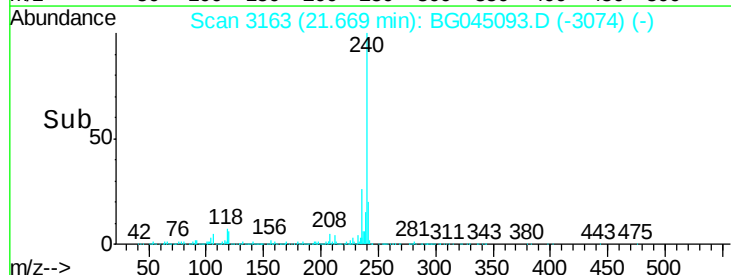
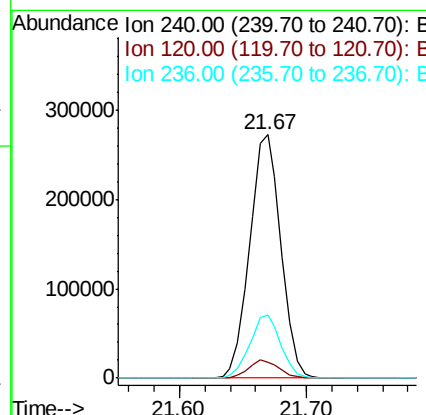
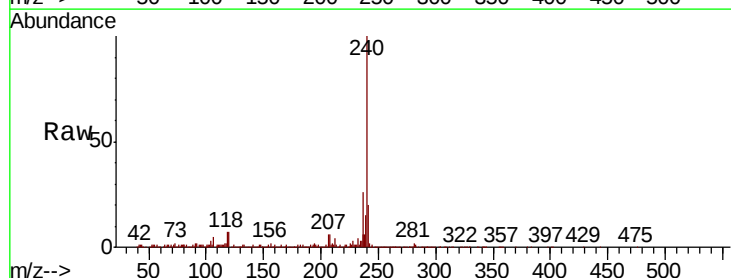
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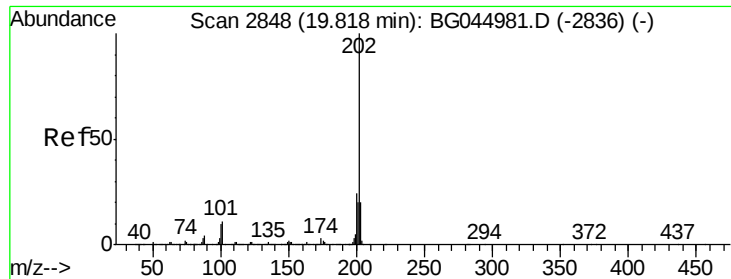
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG045093.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.6	10.0#
236	25.9	22.2	33.2





#78

Pvrene

Concen: 2.502 ng

RT: 19.81 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG045093.D

Acq: 20 Apr 2020 13:06

Instrument :

BNA_G

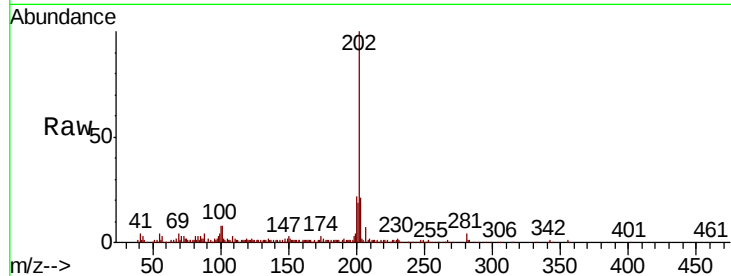
ClientSampleId :

TP-19-COMP

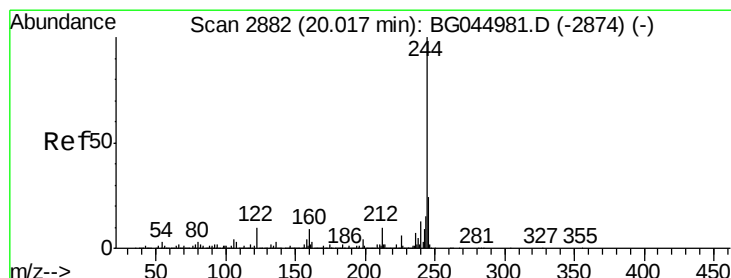
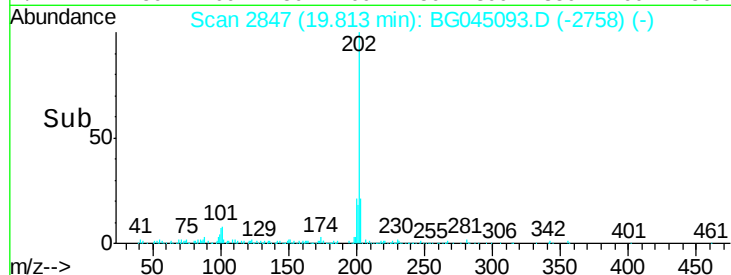
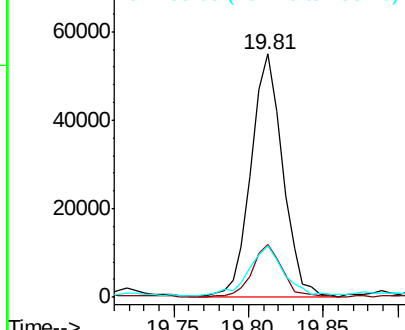
Tot Ion:	202	Resp:	80245
Ion Ratio	Lower	Upper	
202	100		
200	21.6	19.0	28.6
203	21.3	16.1	24.1

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 96.108 ng

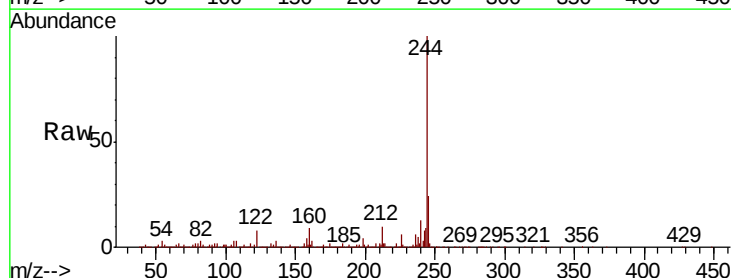
RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

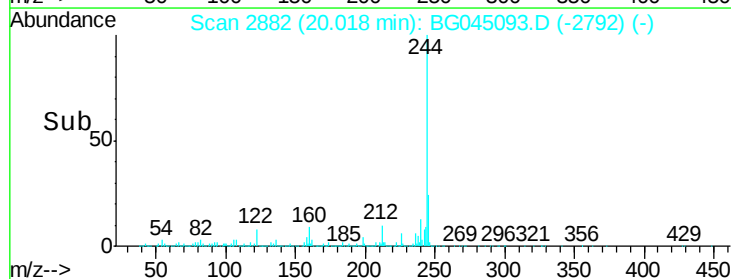
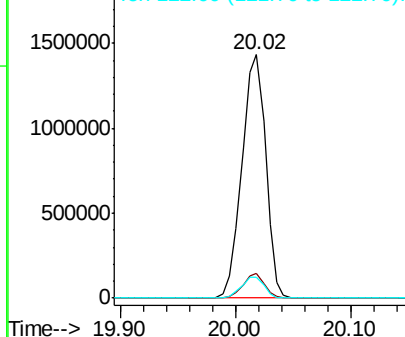
Lab File: BG045093.D

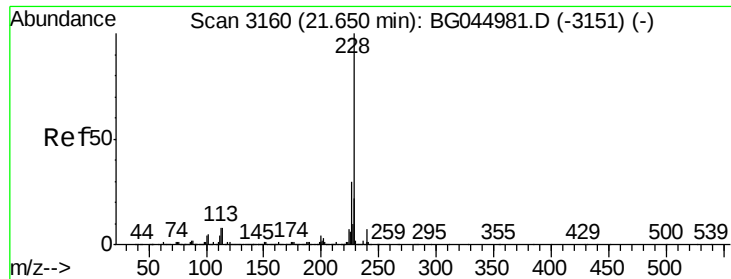
Acq: 20 Apr 2020 13:06

Tgt Ion:	244	Resp:	2051195
Ion Ratio	Lower	Upper	
244	100		
212	10.0	7.9	11.9
122	8.5	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





#81

Benzo(a)anthracene

Concen: 2.080 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG045093.D

Acq: 20 Apr 2020 13:06

Instrument :

BNA_G

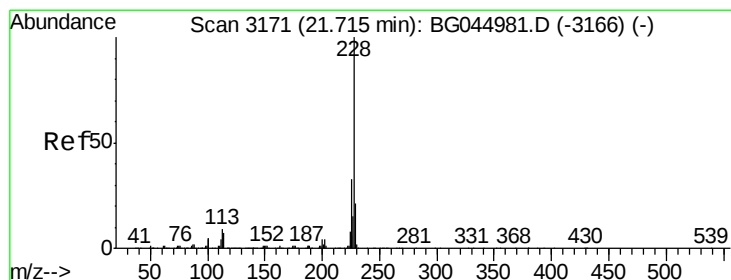
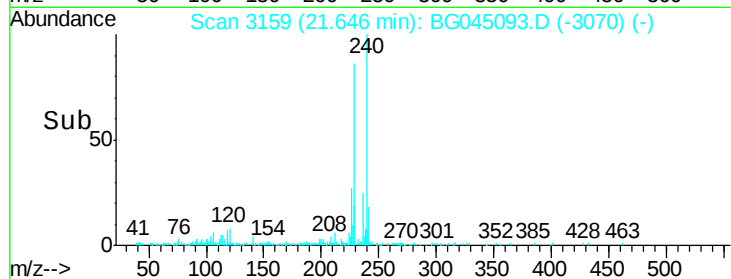
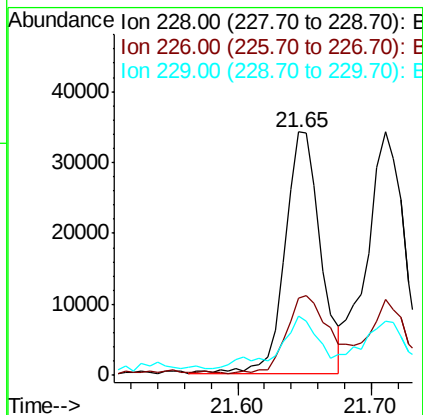
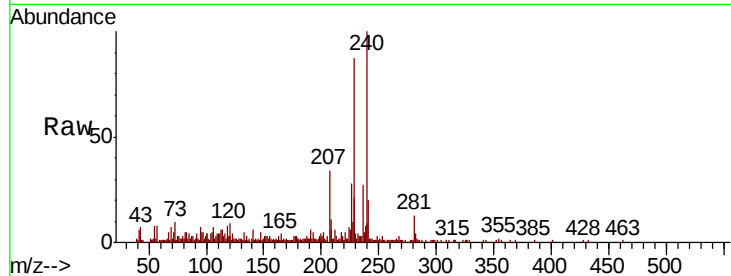
ClientSampleId :

TP-19-COMP

Tot Ion:	228	Resp:	62710
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.0	36.0
229	24.3	17.5	26.3

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#83

Chrysene

Concen: 2.294 ng

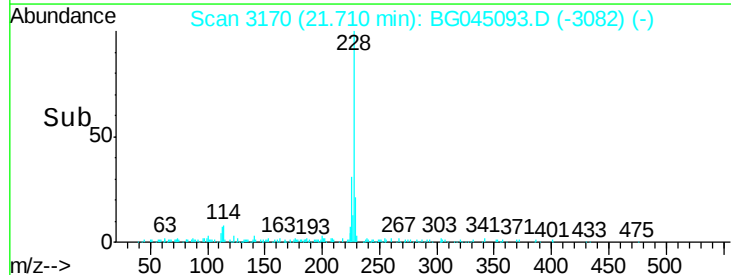
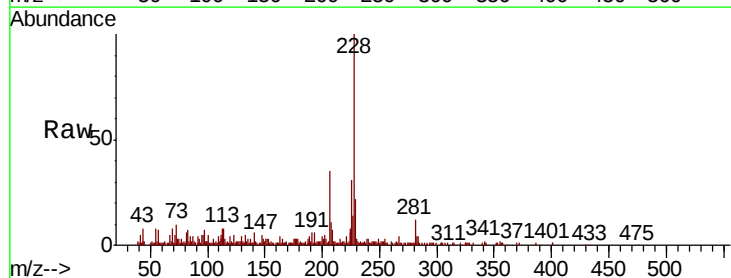
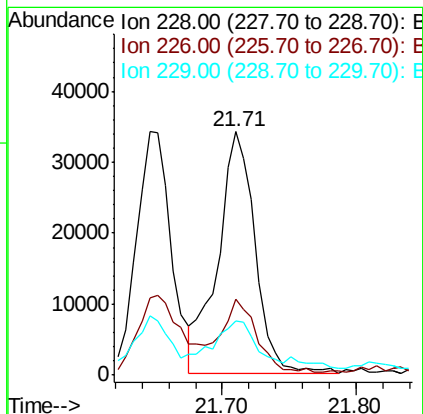
RT: 21.71 min Scan# 3170

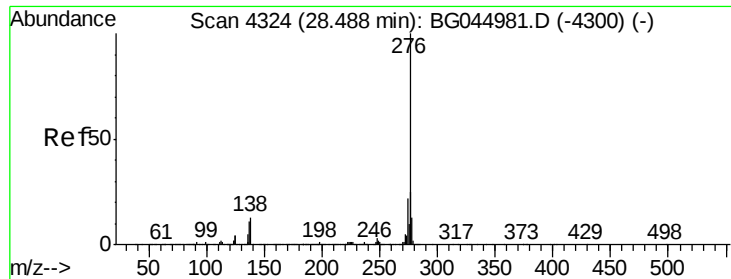
Delta R.T. -0.01 min

Lab File: BG045093.D

Acq: 20 Apr 2020 13:06

Tgt Ion:	228	Resp:	66442
Ion Ratio	Lower	Upper	
228	100		
226	31.2	26.2	39.4
229	22.2	17.0	25.6





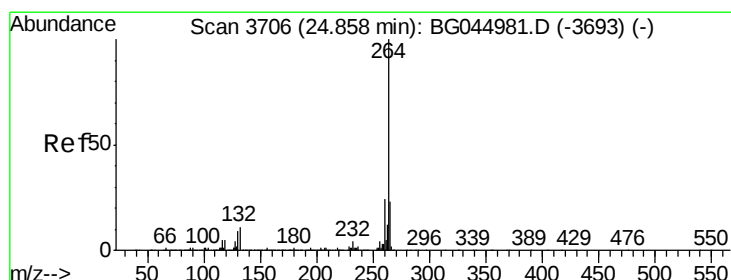
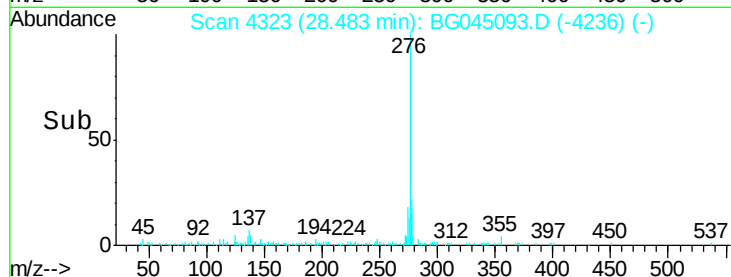
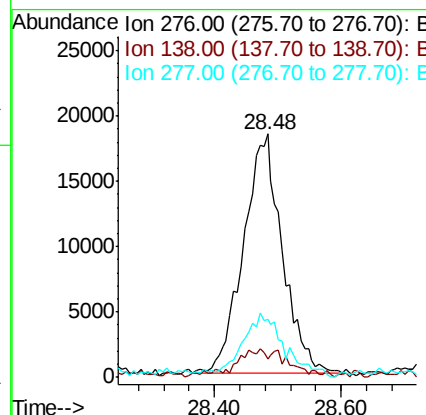
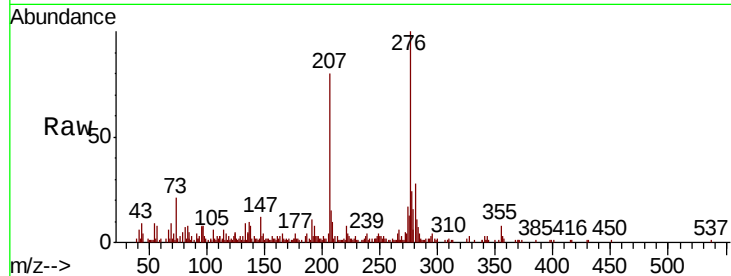
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.023 ng
RT: 28.48 min Scan# 4323
Delta R.T. -0.02 min
Lab File: BG045093.D
Acq: 20 Apr 2020 13:06

Instrument :
BNA_G
ClientSampleId :
TP-19-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	9.6	14.4#
277	28.7	20.6	31.0

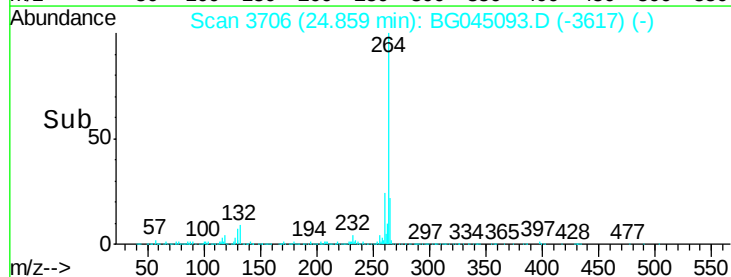
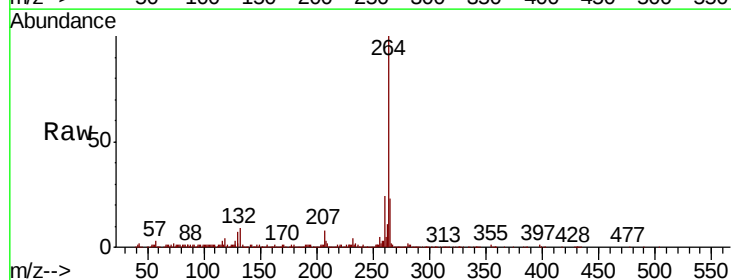
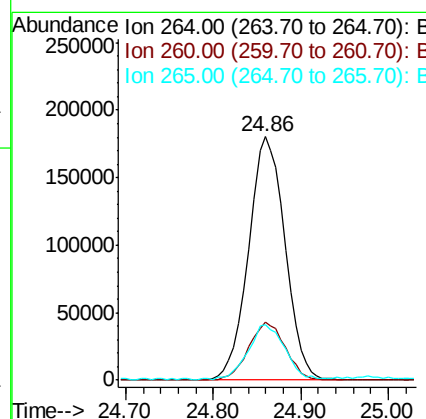
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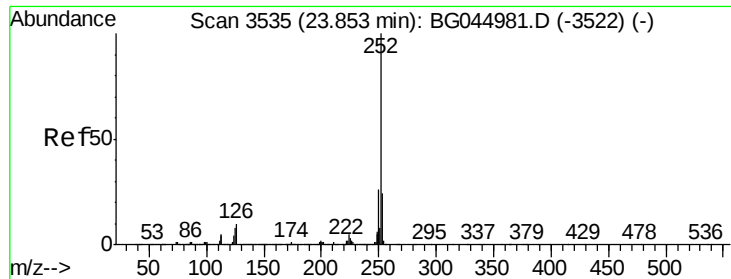
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG045093.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.6	19.0	28.4





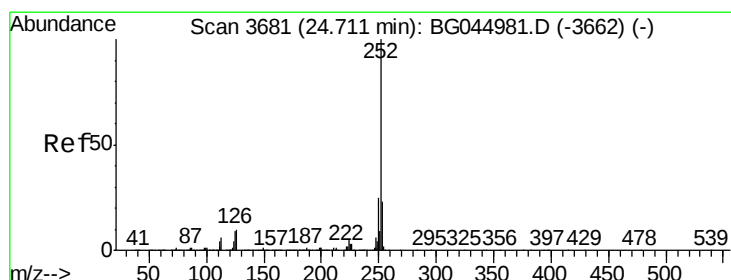
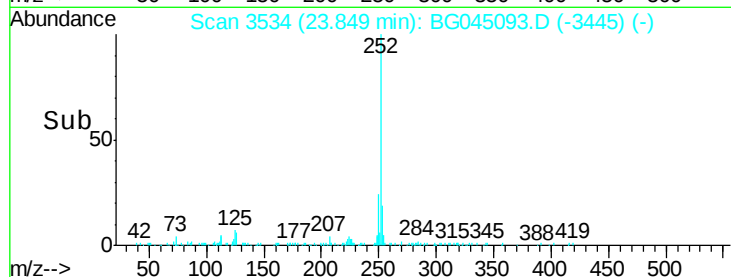
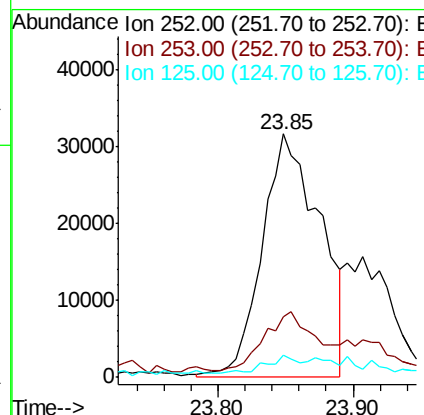
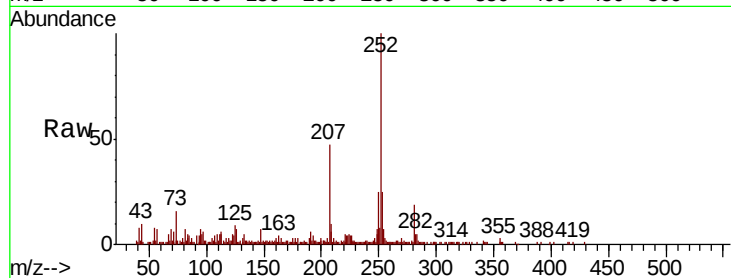
#88
Benzo(b)fluoranthene
Concen: 2.959 ng m
RT: 23.85 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG045093.D
Acq: 20 Apr 2020 13:06

Instrument :
BNA_G
ClientSampleId :
TP-19-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.8	28.2
125	9.0	6.2	9.4

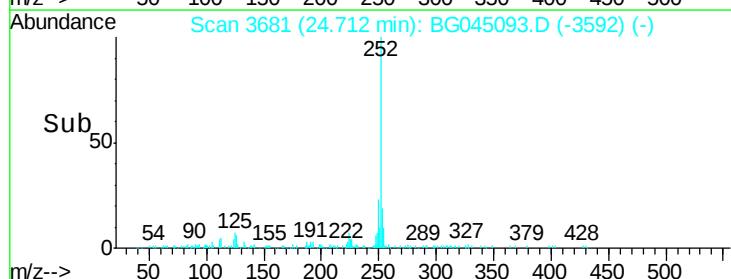
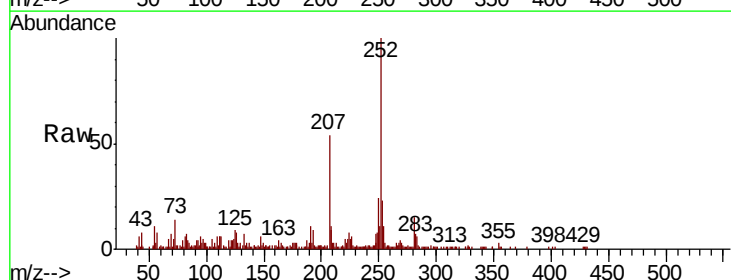
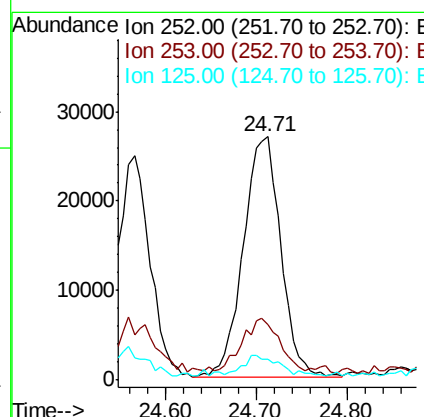
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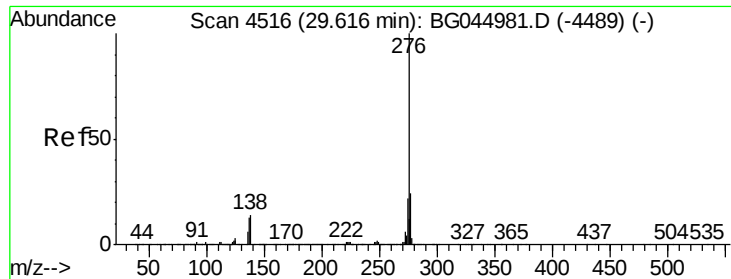
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#90
Benzo(a)pyrene
Concen: 2.581 ng
RT: 24.71 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG045093.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	8.6	7.0	10.6





#92
 Benzo(a,h,i)perylene
 Concen: 2.839 ng
 RT: 29.60 min Scan# 4513
 Delta R.T. -0.04 min
 Lab File: BG045093.D
 Acq: 20 Apr 2020 13:06

Instrument :
 BNA_G
 ClientSampleId :
 TP-19-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.3	19.3	28.9#
138	12.3	11.4	17.2

Manual Integrations
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