

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043583.D
 Acq On : 8 Nov 2019 23:50
 Operator : JU
 Sample : K5742-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-35-(6-8)

Manual Integrations
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 11/11/2019 4:52:08 PM

Quant Time: Nov 11 10:14:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29976	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	108157	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	81775	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	192029	20.00	ng	0.00
76) Chrysene-d12	21.64	240	206741	20.00	ng	-0.01
87) Perylene-d12	24.83	264	238486	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	211381	129.22	ng	0.01
7) Phenol-d6	7.20	99	288297	122.49	ng	0.00
23) Nitrobenzene-d5	9.17	82	172710	82.32	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	184326	118.45	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	467818	79.05	ng	0.00
79) Terphenyl-d14	19.99	244	947346	85.97	ng	0.00
Target Compounds						
10) Phenol	7.23	94	9356	4.350	ng	84
37) 2-Methylnaphthalene	12.47	142	19426m	4.612	ng	
38) 1-Methylnaphthalene	12.68	142	87365	21.798	ng	# 98
50) Dimethylphthalate	14.08	163	38044	6.006	ng	# 89
58) Fluorene	15.68	166	23839	3.901	ng	# 76
71) Phenanthrene	17.43	178	62197	6.325	ng	# 92

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

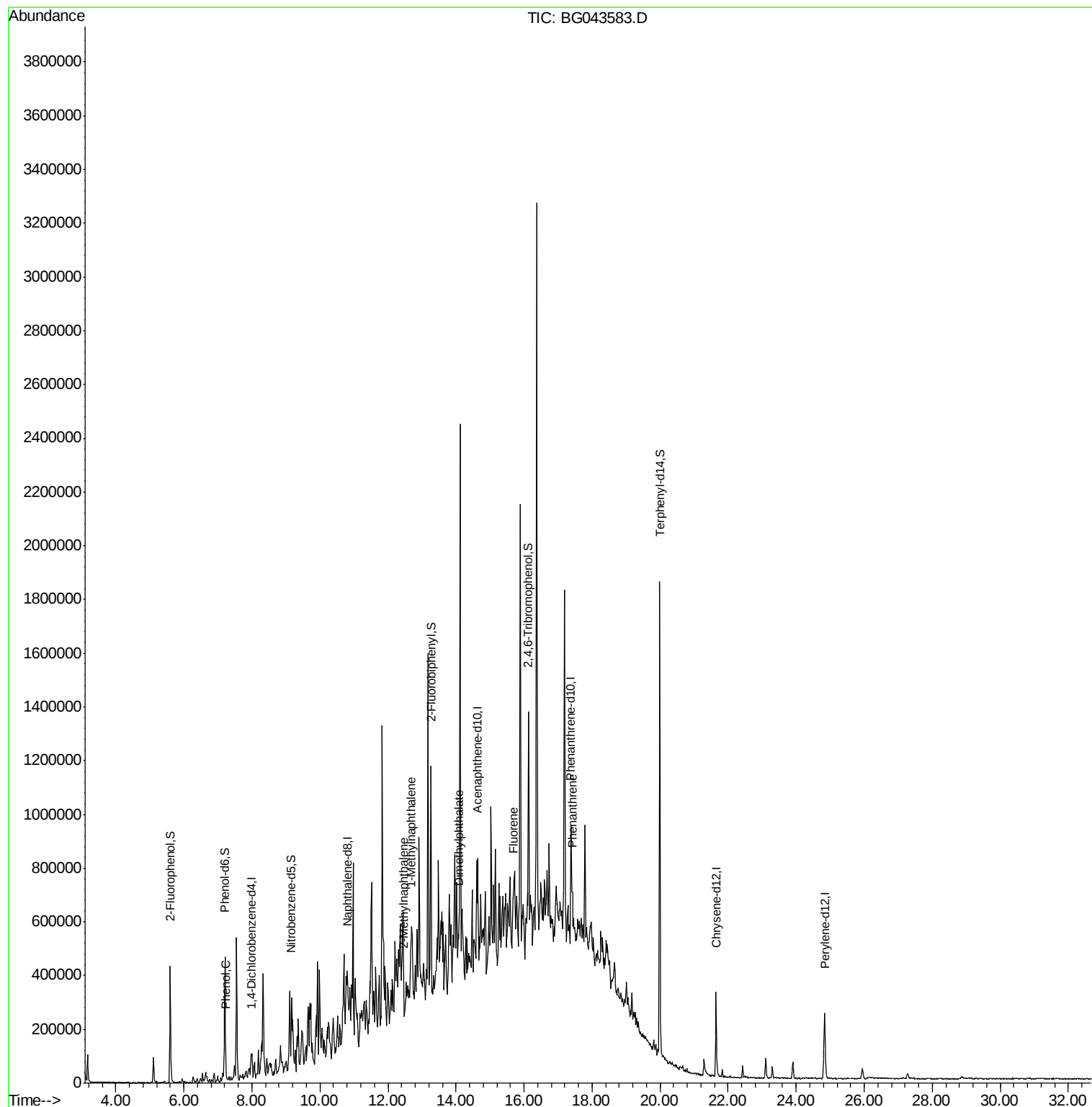
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043583.D
Acq On : 8 Nov 2019 23:50
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

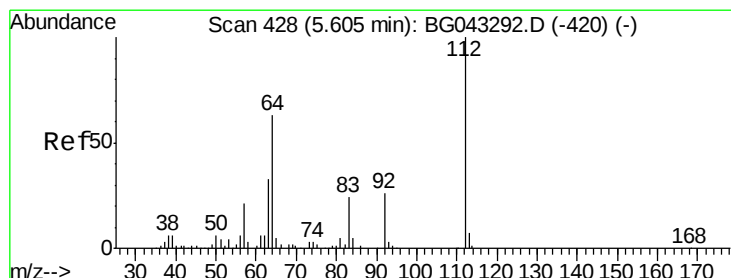
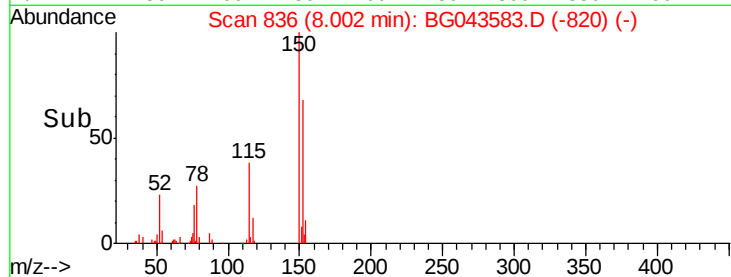
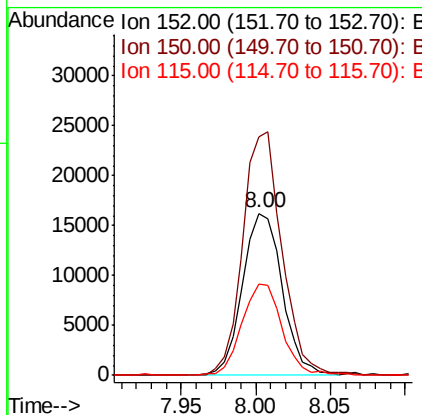
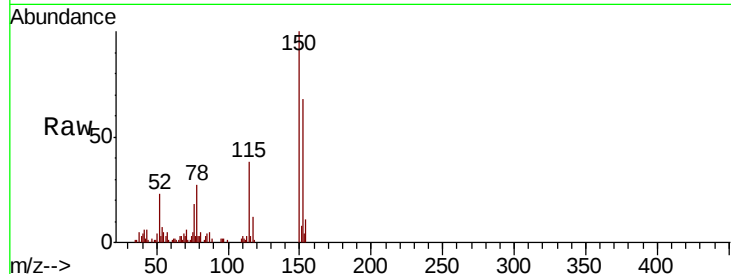
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043583.D
Acq: 8 Nov 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SB-35-(6-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.4	129.4	194.0
115	56.7	48.8	73.2

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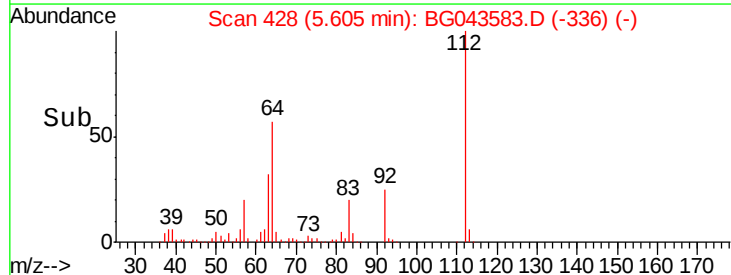
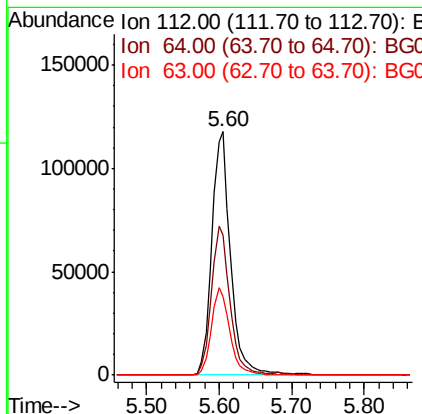
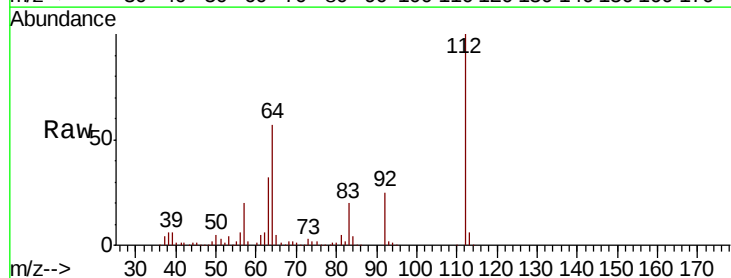
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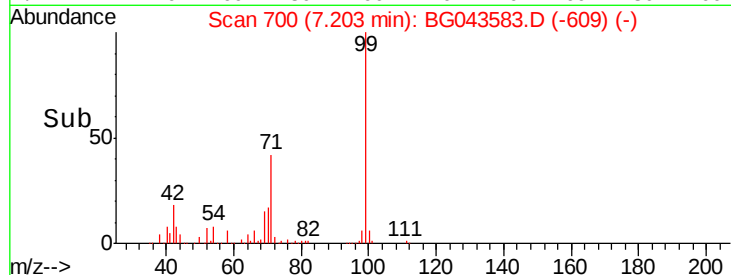
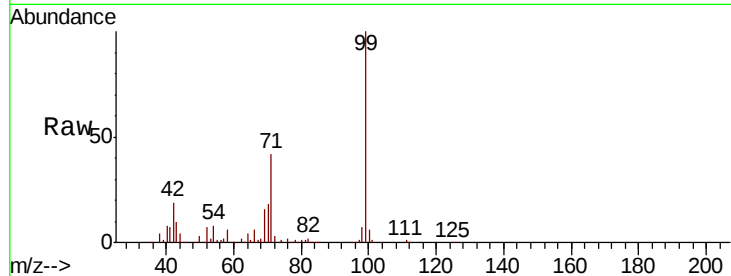


#5

2-Fluorophenol
Concen: 129.218 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043583.D
Acq: 8 Nov 2019 23:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	50.0	75.0
63	32.5	26.6	40.0





#7

Phenol-d6

Concen: 122.492 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043583.D

Acq: 8 Nov 2019 23:50

Tot Ion:	99	Resp:	288297
Ion Ratio	Lower	Upper	
99	100		
42	18.9	14.6	21.8
71	42.3	32.5	48.7

Instrument :

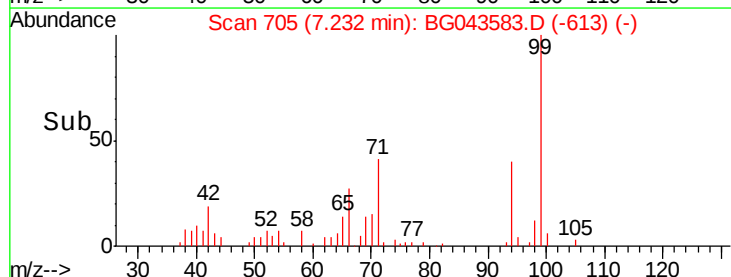
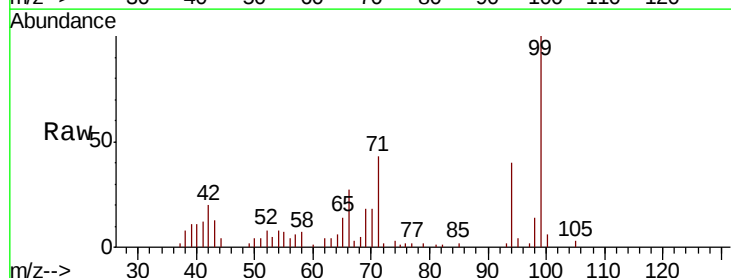
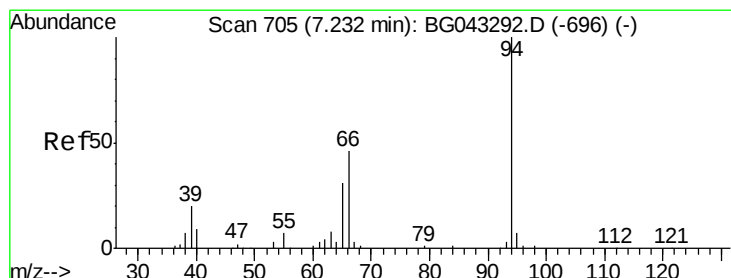
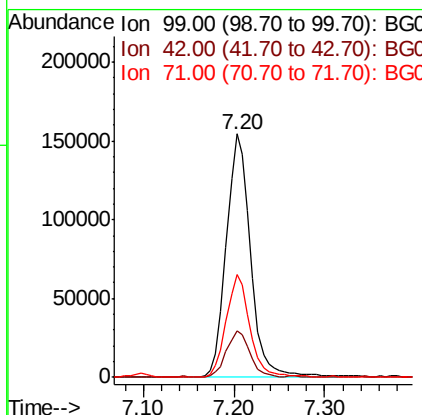
BNA_G

ClientSampleId :

SB-35-(6-8)

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#10

Phenol

Concen: 4.350 ng

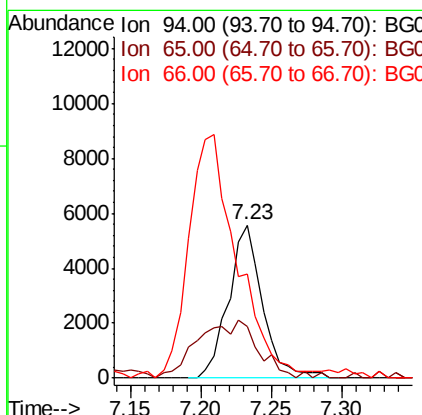
RT: 7.23 min Scan# 705

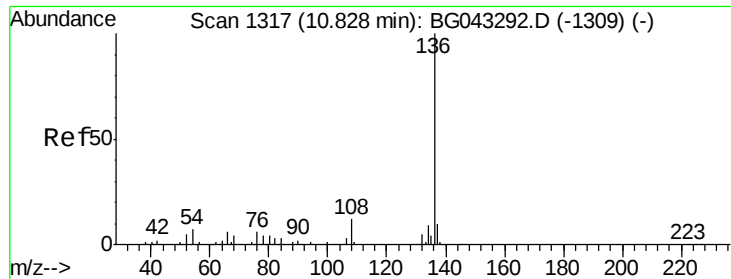
Delta R.T. 0.01 min

Lab File: BG043583.D

Acq: 8 Nov 2019 23:50

Tgt Ion:	94	Resp:	9356
Ion Ratio	Lower	Upper	
94	100		
65	34.1	12.6	52.6
66	68.1	30.7	70.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG043583.D

Acq: 8 Nov 2019 23:50

Instrument :

BNA_G

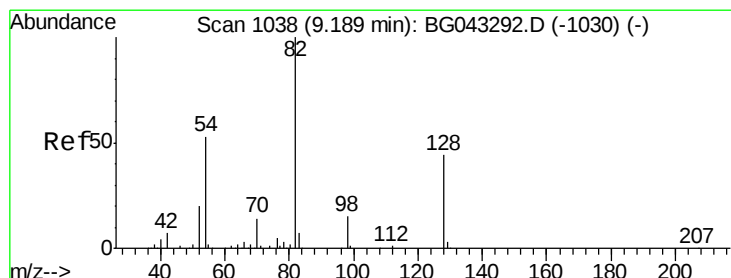
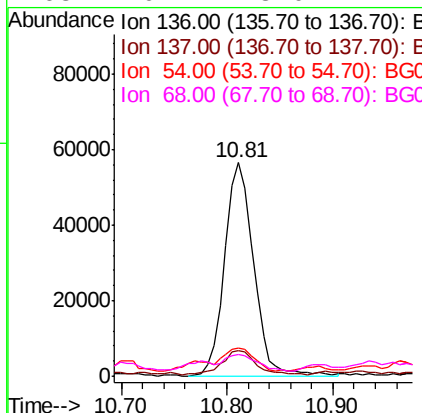
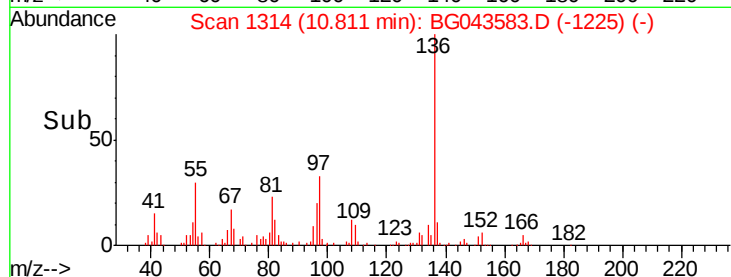
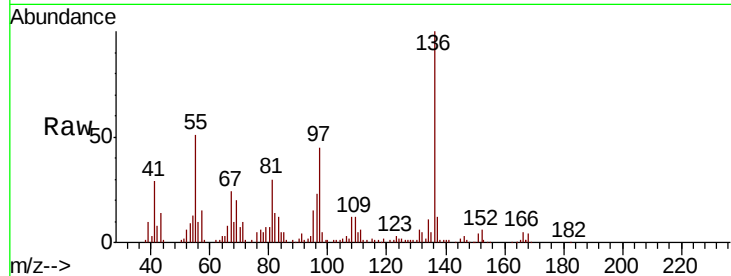
ClientSampleId :

SB-35-(6-8)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.1	8.7	13.1	
54	13.0	5.4	8.2#	
68	10.1	3.0	4.4#	

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#23

Nitrobenzene-d5

Concen: 82.325 ng

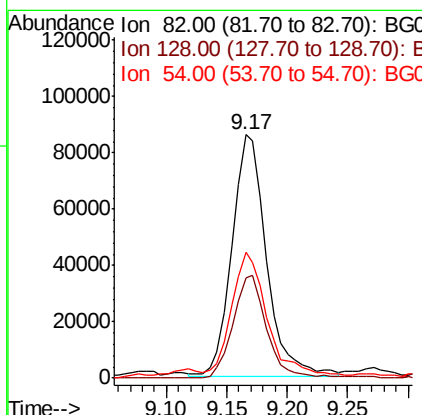
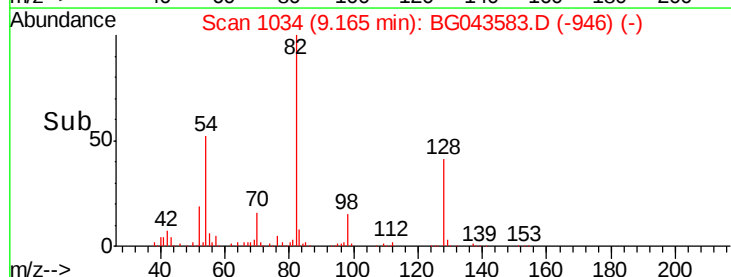
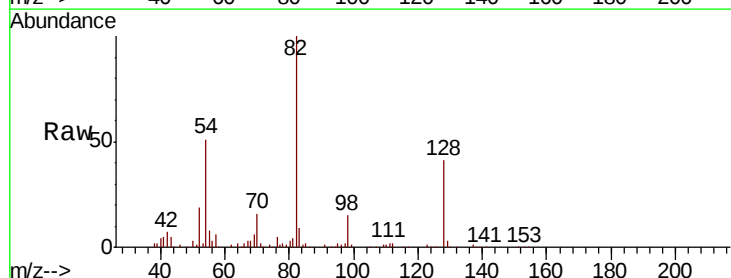
RT: 9.17 min Scan# 1034

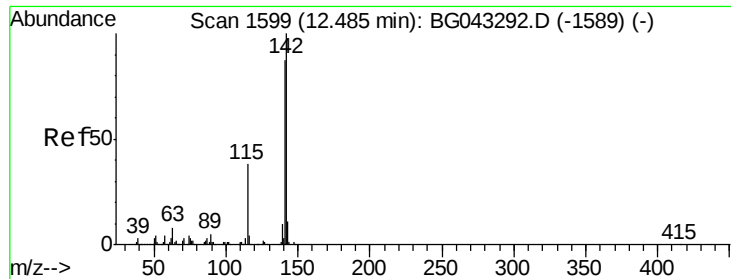
Delta R.T. -0.01 min

Lab File: BG043583.D

Acq: 8 Nov 2019 23:50

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.2	35.0	52.6	
54	51.5	40.2	60.2	





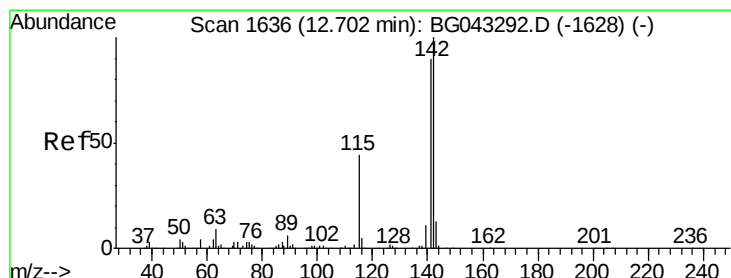
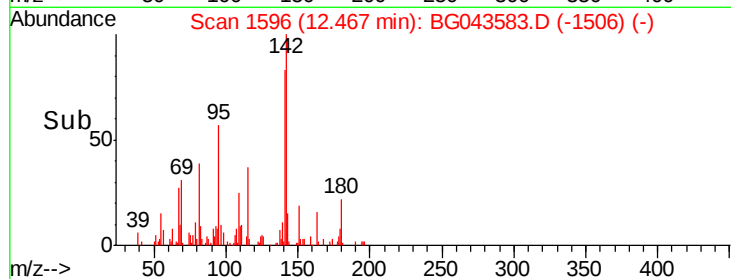
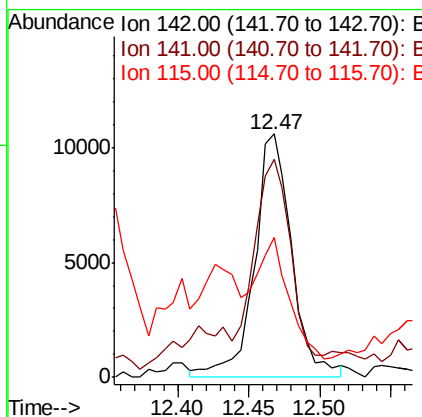
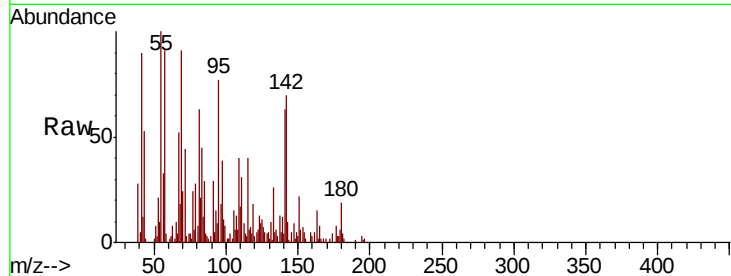
#37
2-Methylnaphthalene
Concen: 4.612 ng m
RT: 12.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BG043583.D
Acq: 8 Nov 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SB-35-(6-8)

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.2	108.2
115	57.5	33.2	49.8

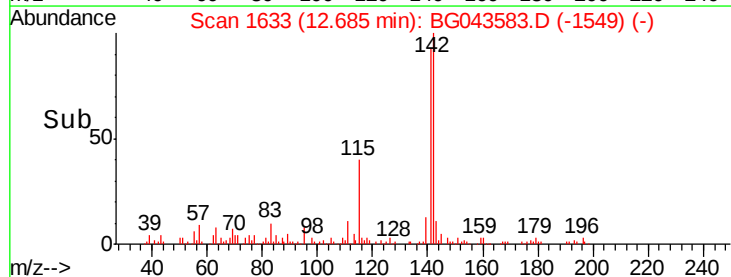
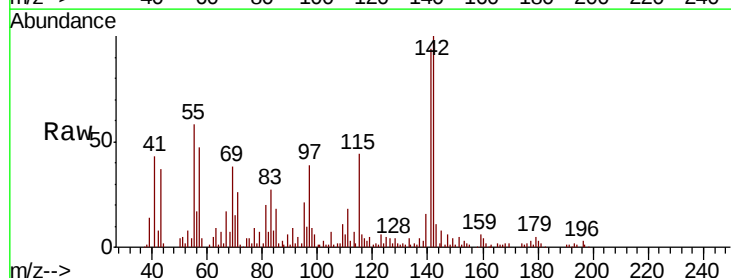
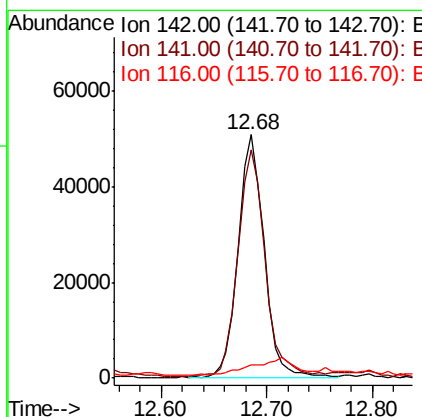
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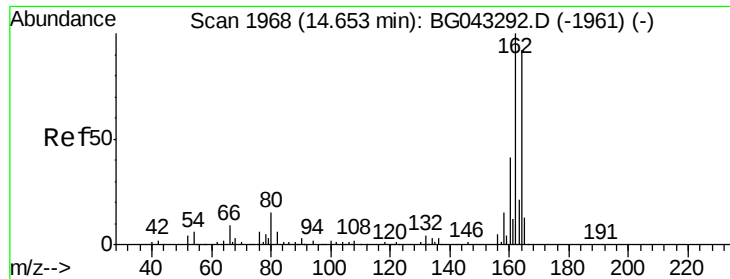
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#38
1-Methylnaphthalene
Concen: 21.798 ng
RT: 12.68 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BG043583.D
Acq: 8 Nov 2019 23:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.2	109.8
116	5.6	3.6	5.4





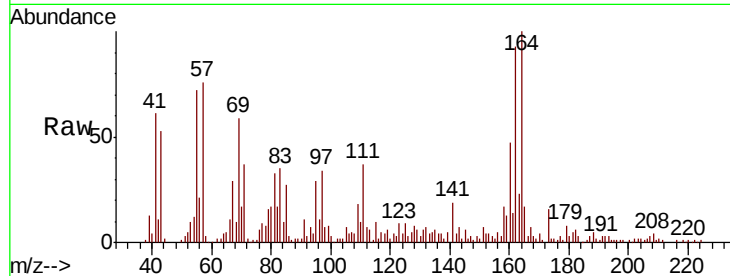
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043583.D
Acq: 8 Nov 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SB-35-(6-8)

Tot Ion	Ratio	Lower	Upper
164	100		
162	93.2	83.5	125.3
160	46.6	36.5	54.7

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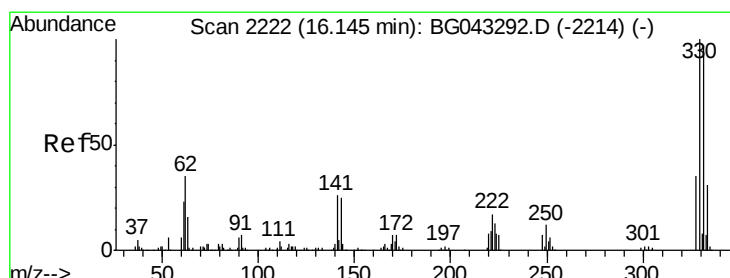
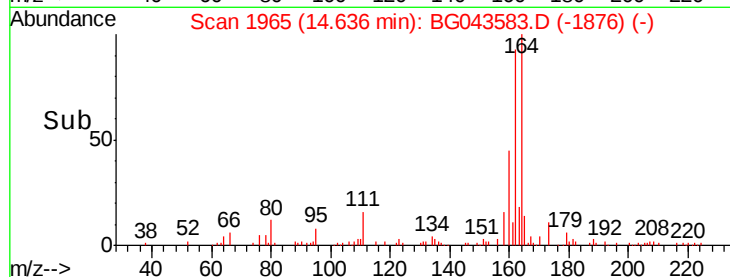
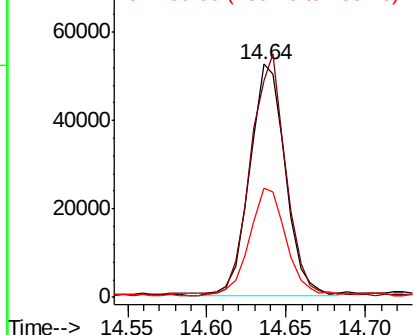


Abundance

Ion 164.00 (163.70 to 164.70): E

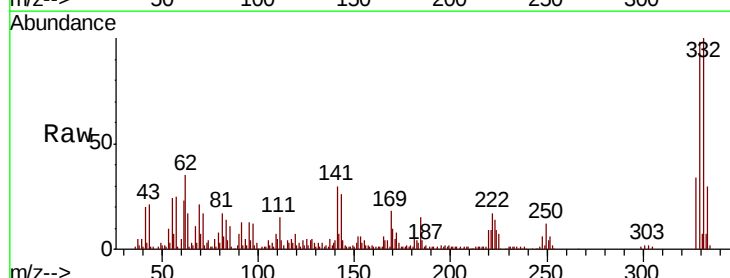
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 118.448 ng
RT: 16.13 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BG043583.D
Acq: 8 Nov 2019 23:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.0
141	27.4	22.8	34.2

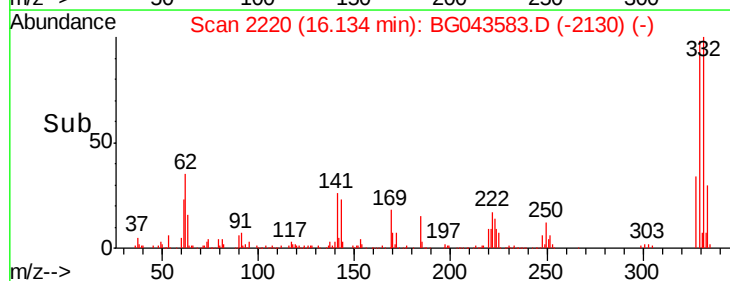
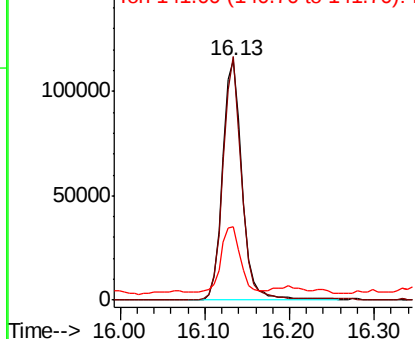


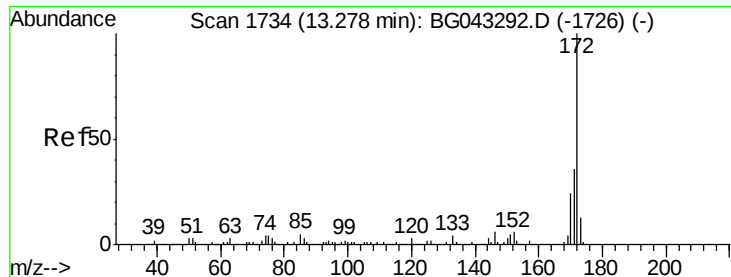
Abundance

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





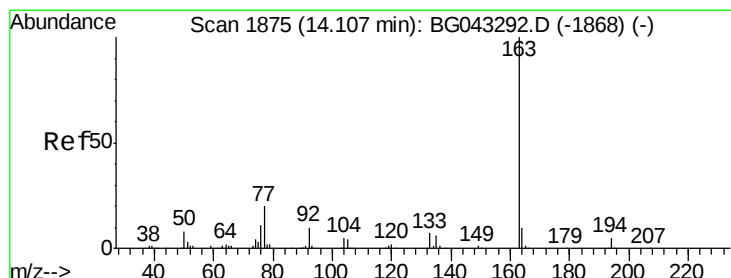
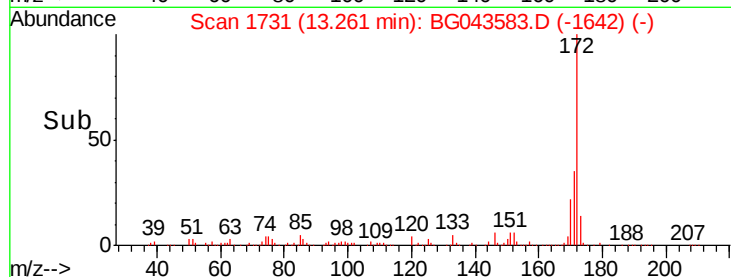
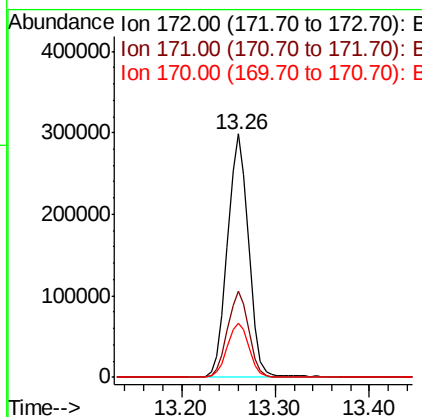
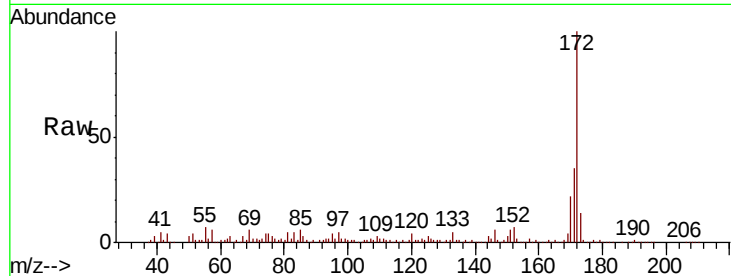
#45
2-Fluorobiphenyl
Concen: 79.050 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043583.D
Acq: 8 Nov 2019 23:50

Instrument :
BNA_G
ClientSampleId :
SB-35-(6-8)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	22.3	18.5	27.7

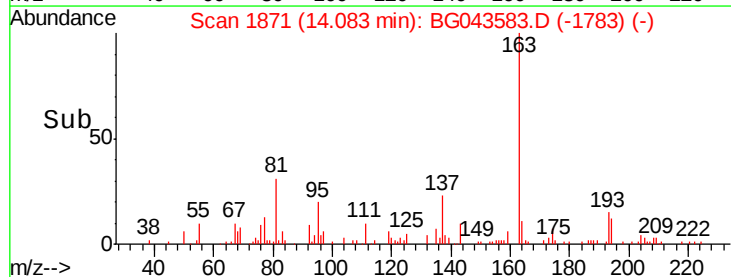
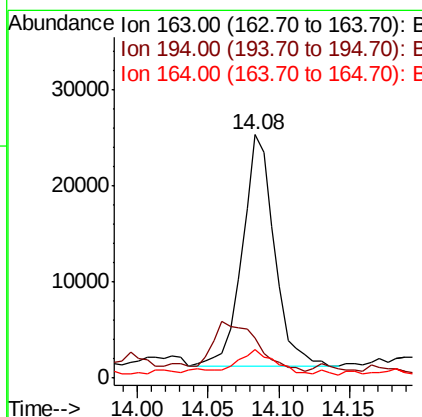
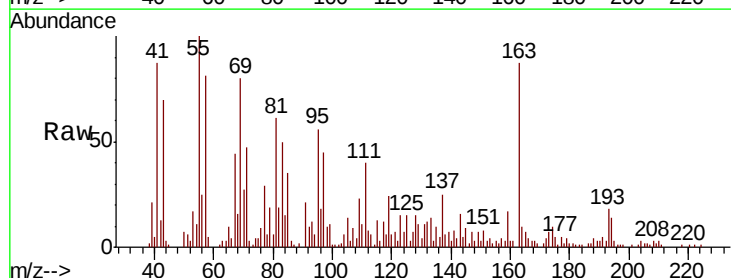
Manual Integrations
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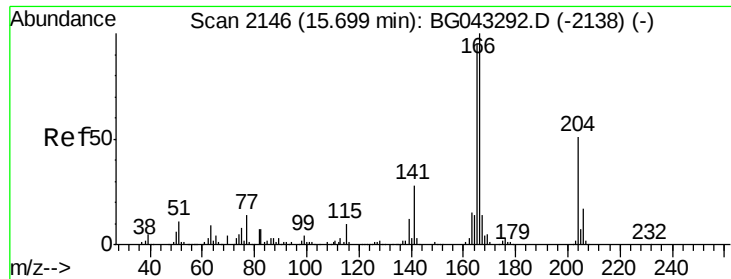
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#50
Dimethylphthalate
Concen: 6.006 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG043583.D
Acq: 8 Nov 2019 23:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	16.3	3.8	5.6#
164	11.6	8.9	13.3





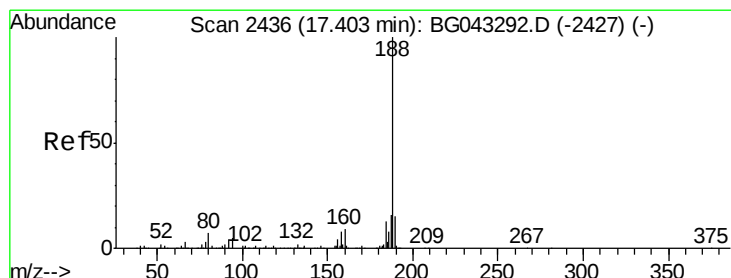
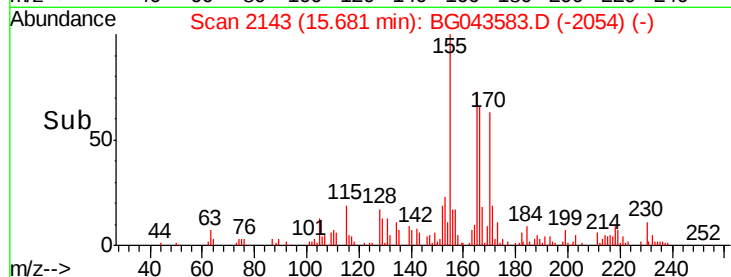
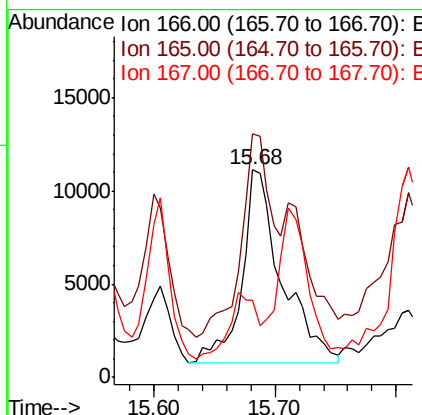
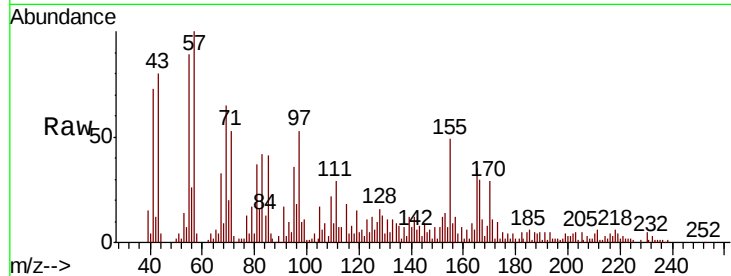
#58
Fluorene
Concen: 3.901 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG043583.D
Acq: 8 Nov 2019 23:50

Instrument :
BNA_G
ClientSampleID :
SB-35-(6-8)

Tot Ion	Ratio	Lower	Upper
166	100		
165	117.4	79.0	118.6
167	37.0	10.5	15.7#

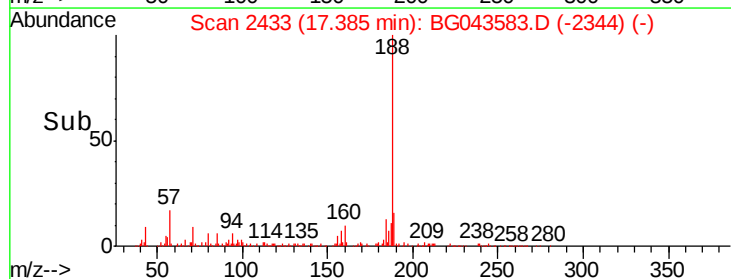
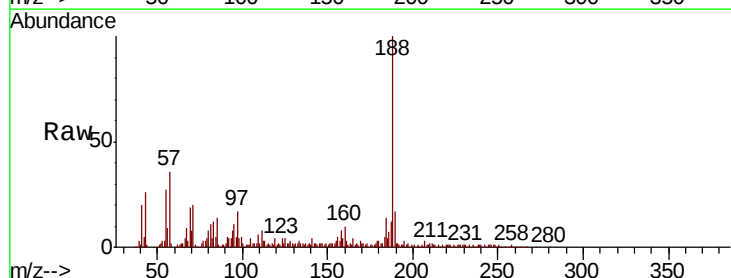
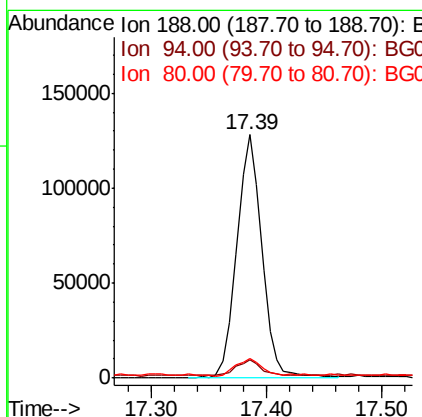
Manual Integrations
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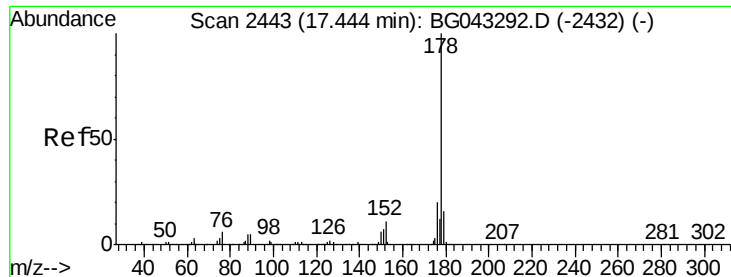
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043583.D
Acq: 8 Nov 2019 23:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	4.2	6.4#
80	7.9	4.5	6.7#





#71

Phenanthrene

Concen: 6.325 ng

RT: 17.43 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043583.D

Acq: 8 Nov 2019 23:50

Instrument :

BNA_G

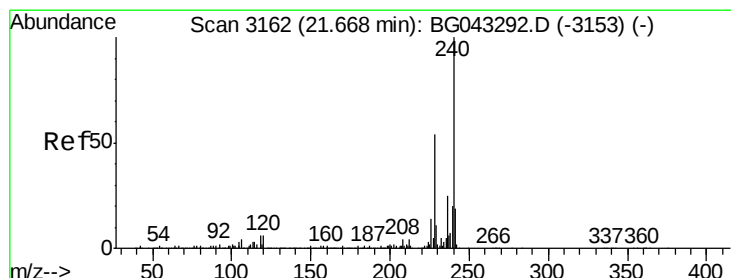
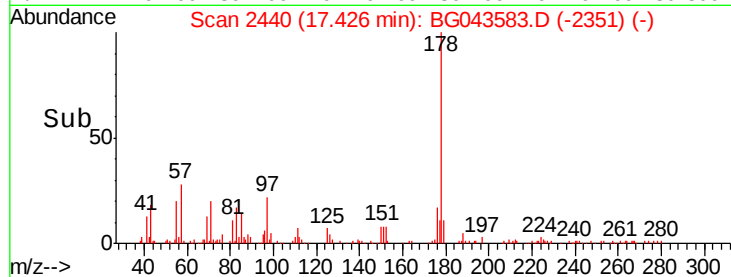
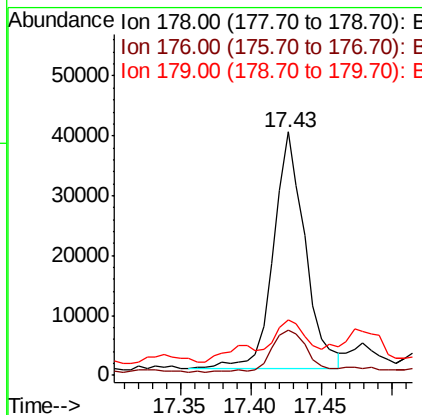
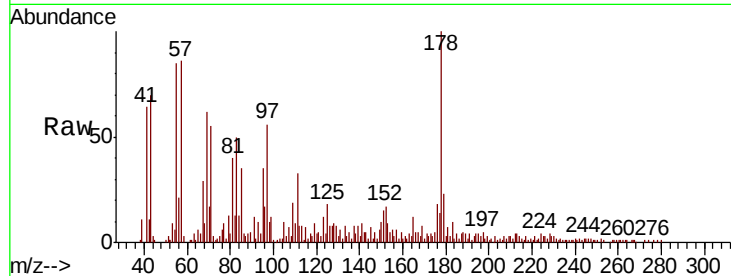
ClientSampled :

SB-35-(6-8)

Tot Ion:	178	Resp:	62197
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.4	23.0
179	22.5	13.0	19.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

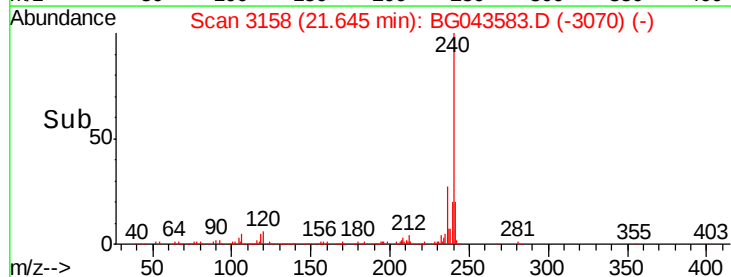
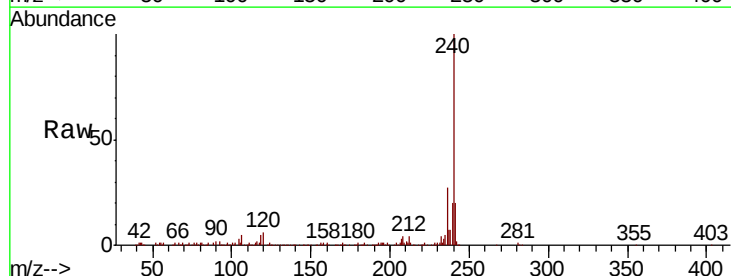
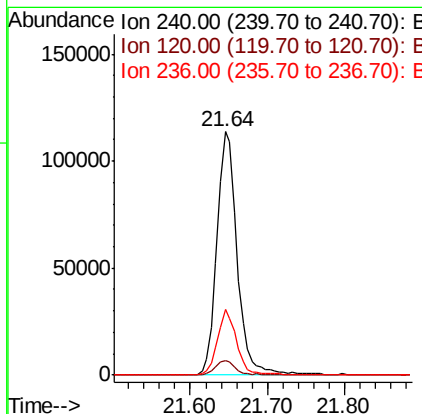
RT: 21.64 min Scan# 3158

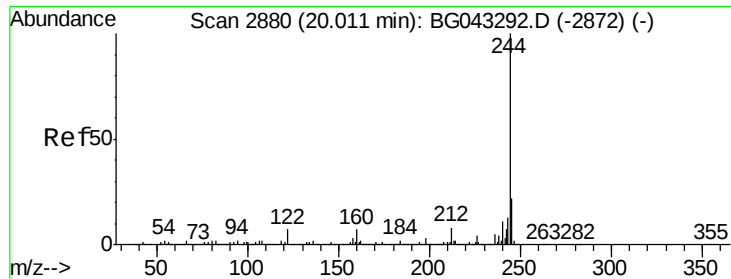
Delta R.T. -0.01 min

Lab File: BG043583.D

Acq: 8 Nov 2019 23:50

Tgt Ion:	240	Resp:	206741
Ion Ratio	Lower	Upper	
240	100		
120	6.1	4.6	6.8
236	27.1	19.8	29.8





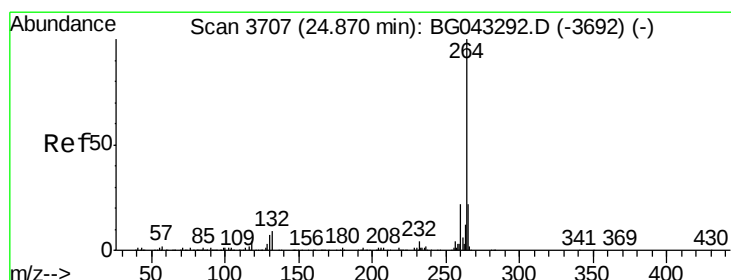
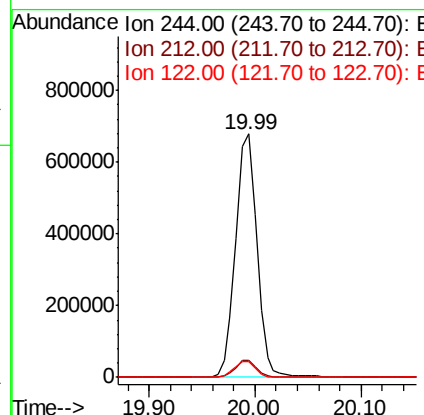
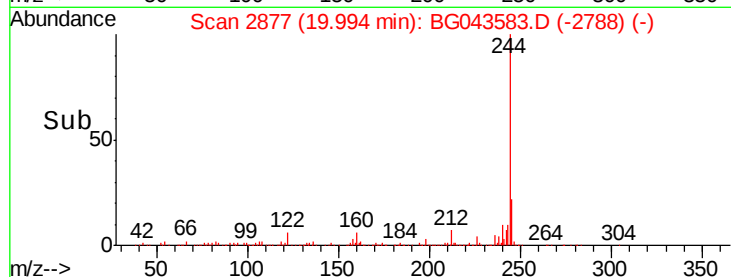
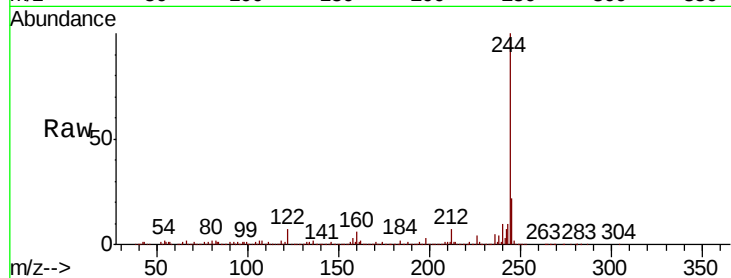
#79
 Terphenyl-d14
 Concen: 85.966 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BG043583.D
 Acq: 8 Nov 2019 23:50

Instrument :
 BNA_G
 ClientSampleId :
 SB-35-(6-8)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	6.5	5.4	8.2

Manual Integrations
 APPROVED

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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3700
 Delta R.T. -0.02 min
 Lab File: BG043583.D
 Acq: 8 Nov 2019 23:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.5	26.3
265	20.8	17.4	26.0

