

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
 Data File : BG043473.D
 Acq On : 1 Nov 2019 19:53
 Operator : JU
 Sample : K5620-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-26A-D

Manual Integrations
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mohammad
 11/4/2019 11:49:53 AM

Quant Time: Nov 02 00:08:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	46303	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	166425	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	123391	20.00	ng	-0.01
64) Phenanthrene-d10	17.39	188	290320	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	313546	20.00	ng	-0.01
87) Perylene-d12	24.84	264	377266	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	249995	98.94	ng	0.00
7) Phenol-d6	7.19	99	356893	98.17	ng	0.00
23) Nitrobenzene-d5	9.17	82	208744	64.66	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	194063	82.65	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	558386	62.53	ng	-0.01
79) Terphenyl-d14	20.00	244	1051268	62.90	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.09	163	100952	10.563	ng	Qvalue 97
71) Phenanthrene	17.43	178	104085	7.001	ng	98
75) Fluoranthene	19.44	202	248307	12.812	ng	97
78) Pyrene	19.80	202	190777	9.830	ng	97
81) Benzo(a)anthracene	21.63	228	123471	6.287	ng	97
83) Chrysene	21.70	228	118241	6.059	ng	99
86) Indeno(1,2,3-cd)pyrene	28.46	276	91787	3.747	ng	99
88) Benzo(b)fluoranthene	23.83	252	157334	7.363	ng	96
89) Benzo(k)fluoranthene	23.89	252	61185m	2.844	ng	
90) Benzo(a)pyrene	24.69	252	118267	5.796	ng	# 98
92) Benzo(g,h,i)perylene	29.59	276	98015	4.761	ng	97

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

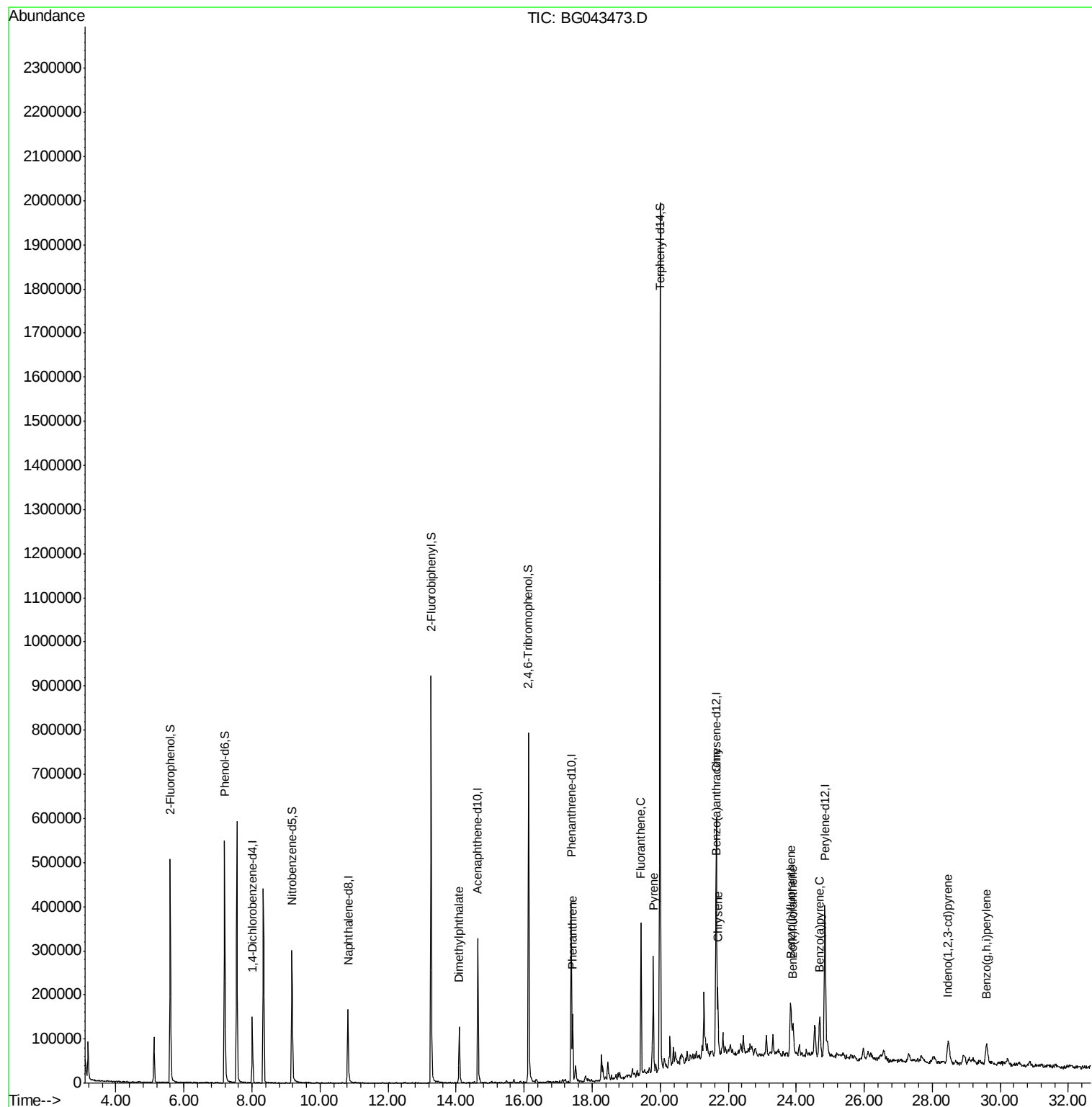
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
Data File : BG043473.D
Acq On : 1 Nov 2019 19:53
Operator : JU
Sample : K5620-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-26A-D

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Quant Time: Nov 02 00:08:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration





#1

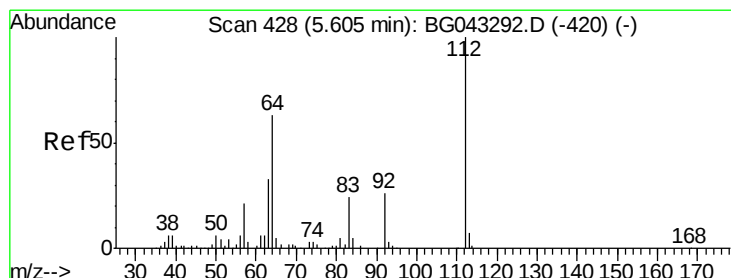
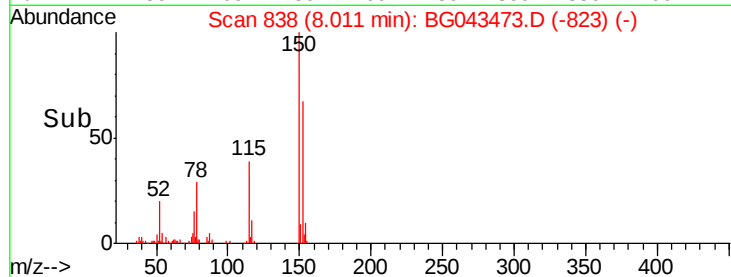
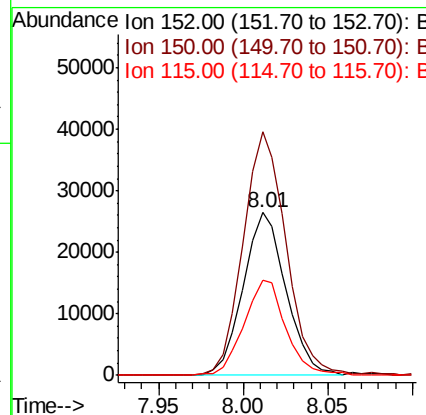
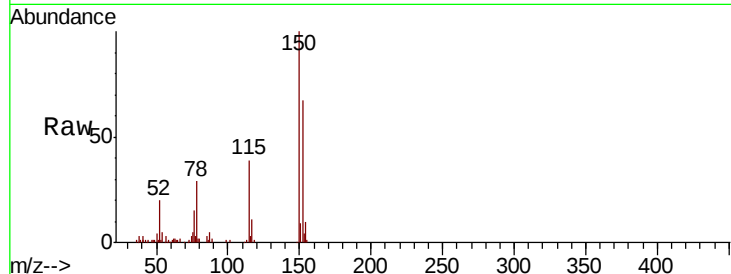
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.01 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Instrument :
BNA_G
ClientSampled :
TP-26A-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	113.6	170.4
115	58.2	45.9	68.9

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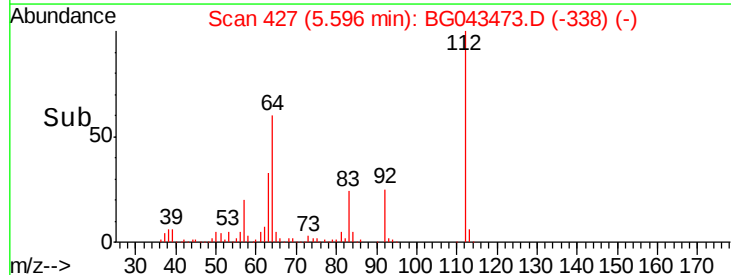
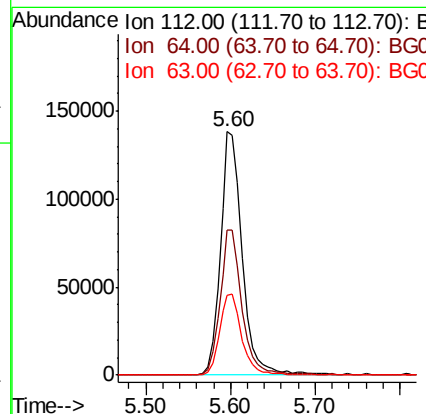
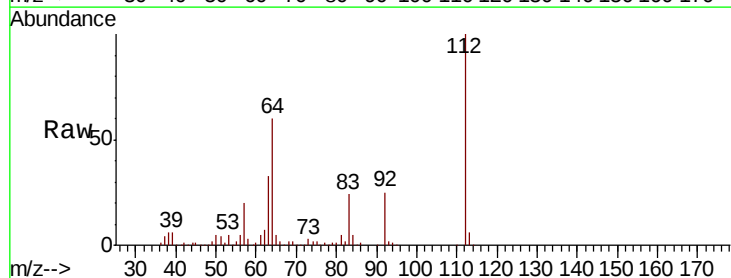
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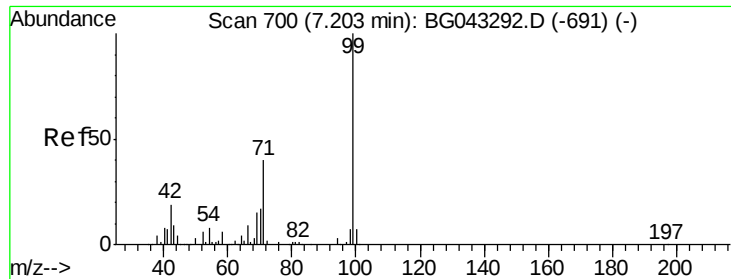


#5

2-Fluorophenol
Concen: 98.936 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.01 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	50.2	75.2
63	32.8	26.7	40.1





#7

Phenol-d6

Concen: 98.168 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG043473.D

Acq: 1 Nov 2019 19:53

Instrument :

BNA_G

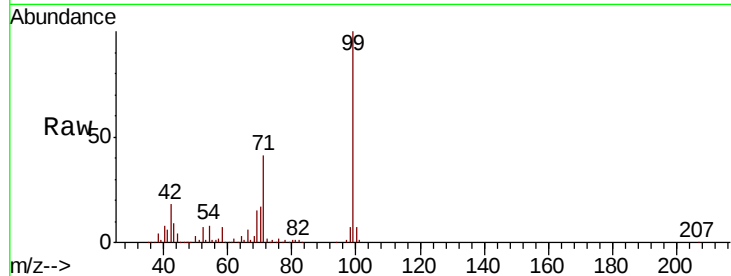
ClientSampleId :

TP-26A-D

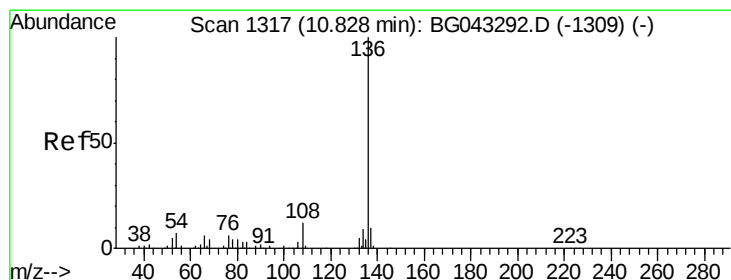
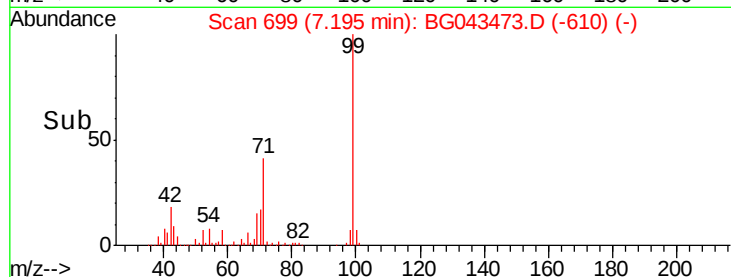
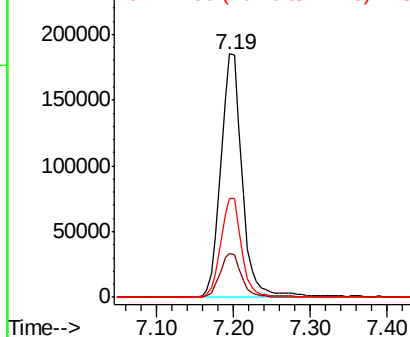
Tot Ion:	99	Resp:	356893
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.9	22.3
71	40.6	32.2	48.2

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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: 10.82 min Scan# 1316

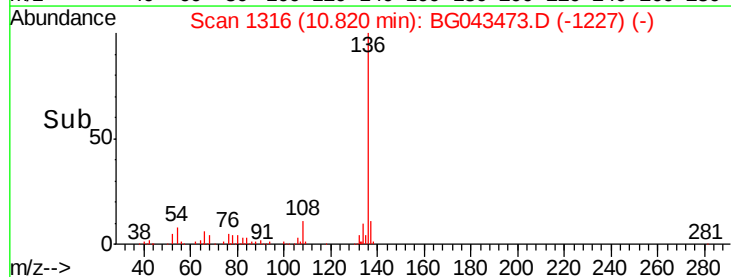
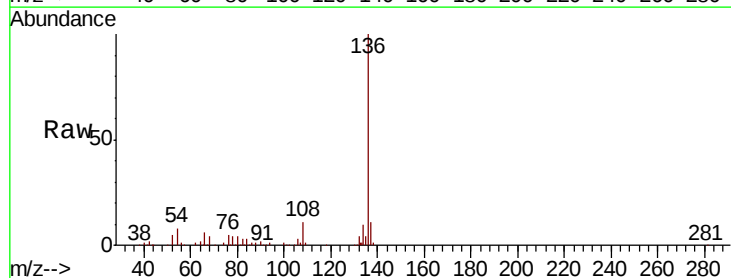
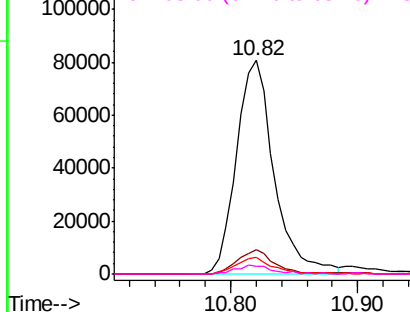
Delta R.T. -0.01 min

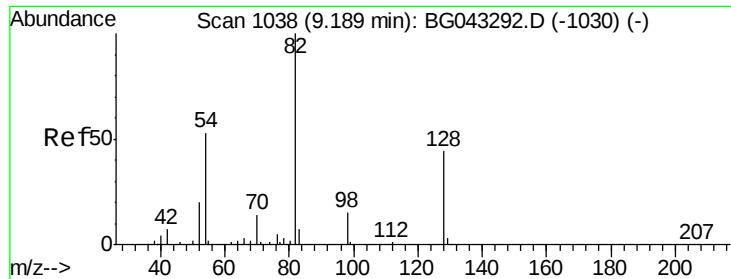
Lab File: BG043473.D

Acq: 1 Nov 2019 19:53

Tgt Ion:	136	Resp:	166425
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.2	12.2
54	7.6	5.4	8.2
68	3.6	3.3	4.9

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





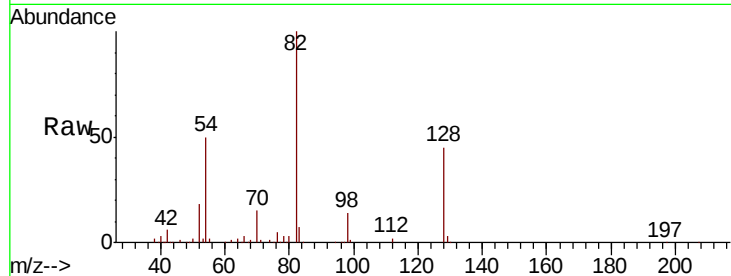
#23
Nitrobenzene-d5
Concen: 64.664 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Instrument :
BNA_G
ClientSampled :
TP-26A-D

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.3	52.9
54	49.6	42.3	63.5

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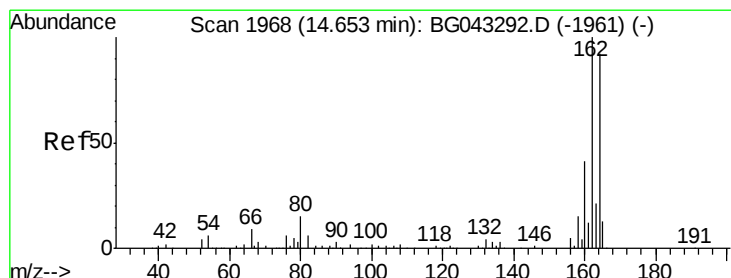
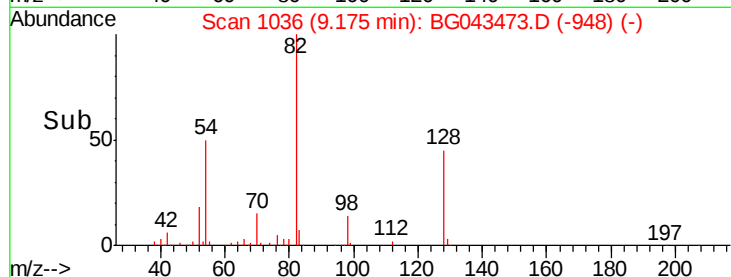
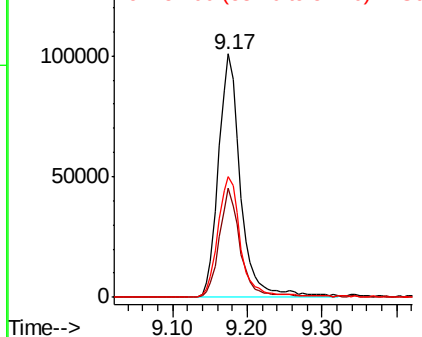


Abundance

Ion 82.00 (81.70 to 82.70): BG043473.D (-948) (-)

Ion 128.00 (127.70 to 128.70): BG043473.D (-948) (-)

Ion 54.00 (53.70 to 54.70): BG043473.D (-948) (-)



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

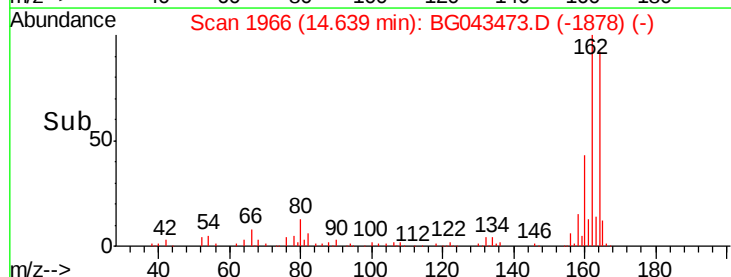
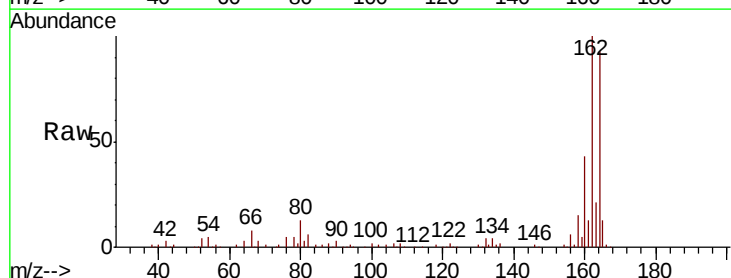
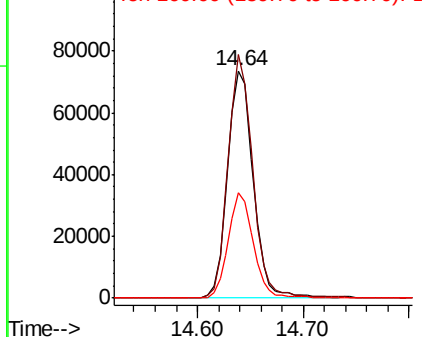
Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	87.0	130.4
160	46.6	35.5	53.3

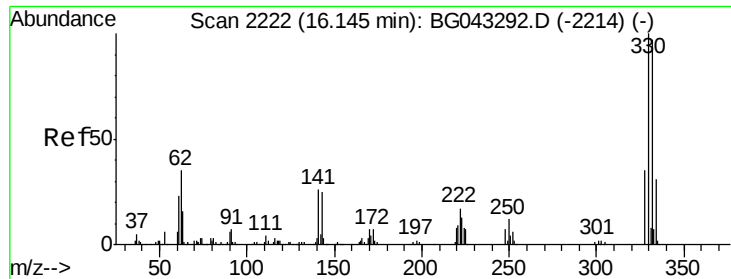
Abundance

Ion 164.00 (163.70 to 164.70): BG043473.D (-1878) (-)

Ion 162.00 (161.70 to 162.70): BG043473.D (-1878) (-)

Ion 160.00 (159.70 to 160.70): BG043473.D (-1878) (-)





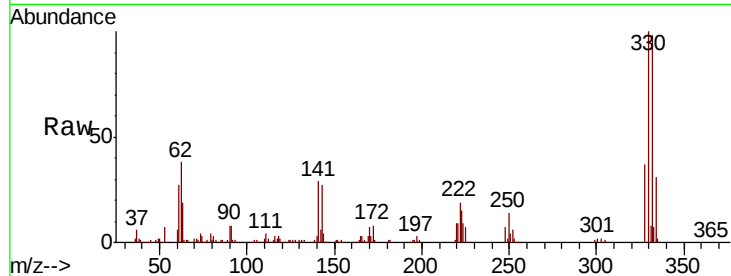
#42
 2,4,6-Tribromophenol
 Concen: 82.646 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG043473.D
 Acq: 1 Nov 2019 19:53

Instrument :
 BNA_G
 ClientSampleId :
 TP-26A-D

Tot Ion	Ratio	Resp	Lower	Upper
330	100	194063		
332	98.3	76.4	114.6	
141	27.8	21.4	32.0	

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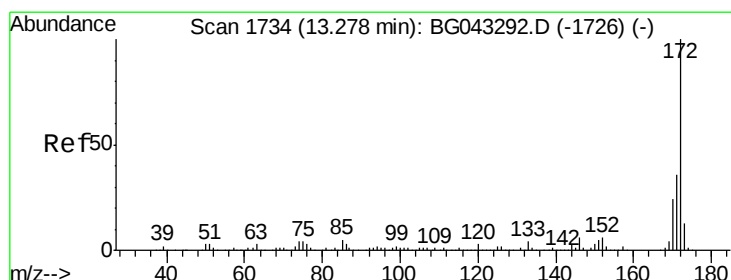
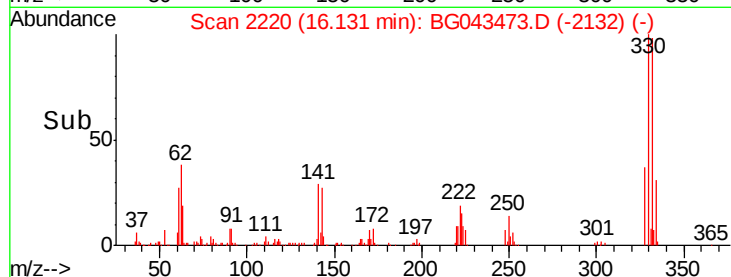
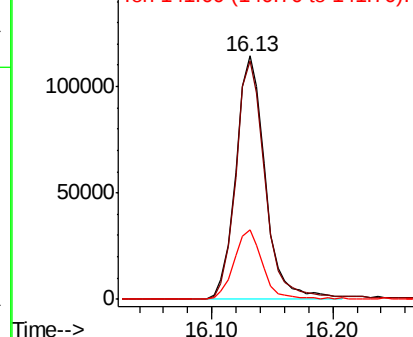


Abundance

Ion 329.80 (329.50 to 330.50): E

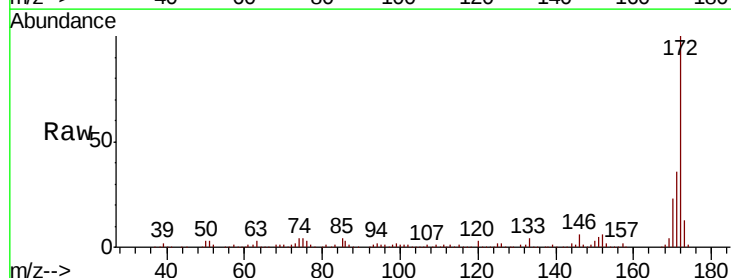
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 62.531 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG043473.D
 Acq: 1 Nov 2019 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	558386		
171	36.1	28.5	42.7	
170	23.2	18.8	28.2	

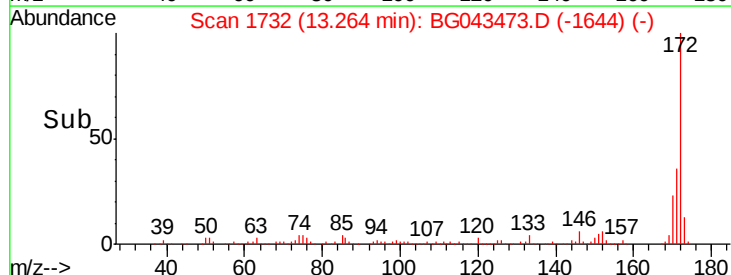
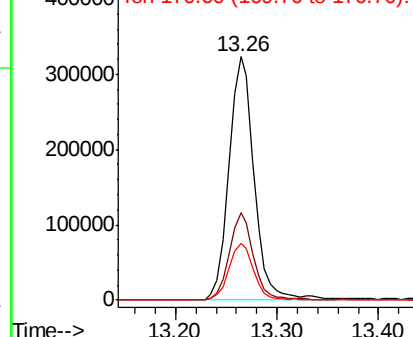


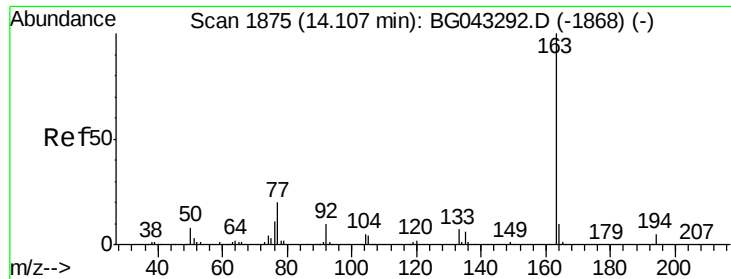
Abundance

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





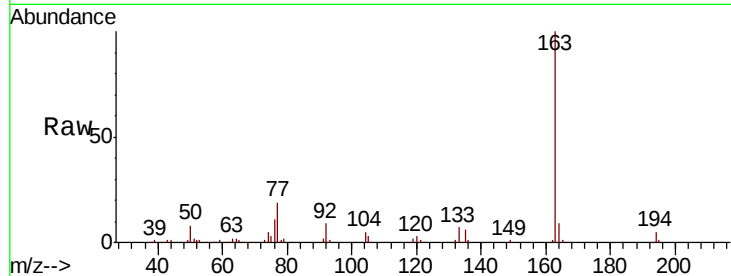
#50
Dimethylphthalate
Concen: 10.563 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Instrument :
BNA_G
ClientSampleId :
TP-26A-D

Tot Ion	Ratio	Resp	Lower	Upper
163	100	100952		
194	4.8		3.7	5.5
164	8.8		8.1	12.1

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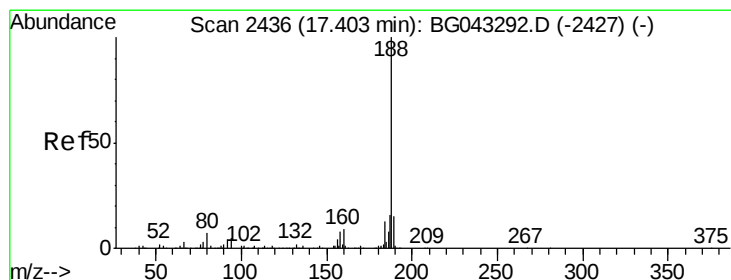
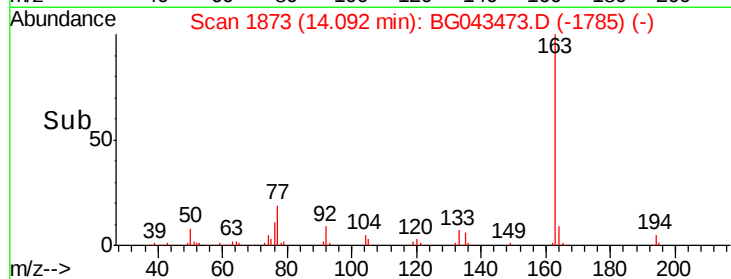
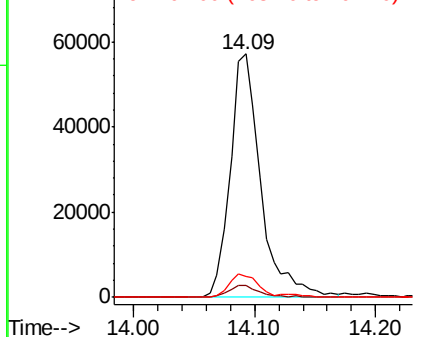


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

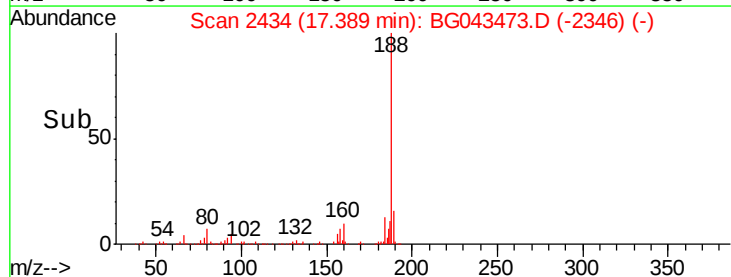
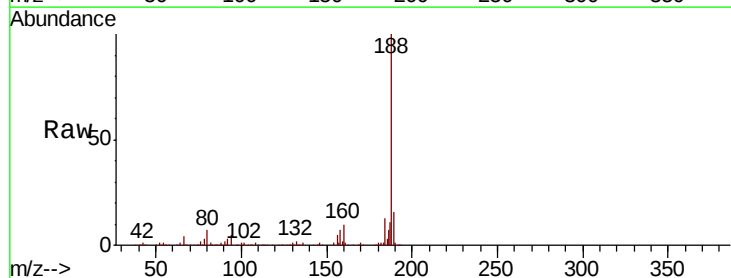
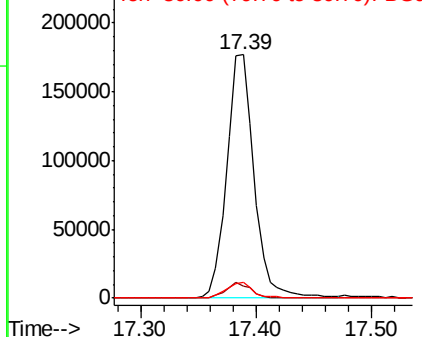
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	290320		
94	5.0		4.2	6.2
80	6.5		5.2	7.8

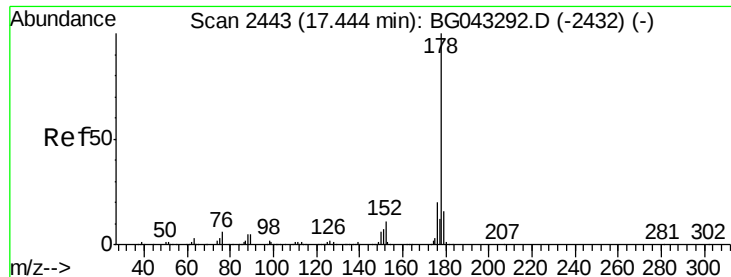
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#71

Phenanthrene

Concen: 7.001 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG043473.D

Acq: 1 Nov 2019 19:53

Instrument :

BNA_G

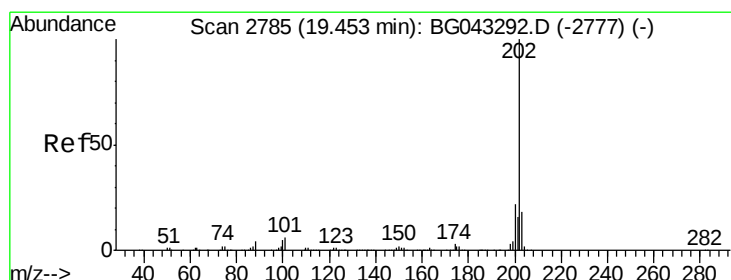
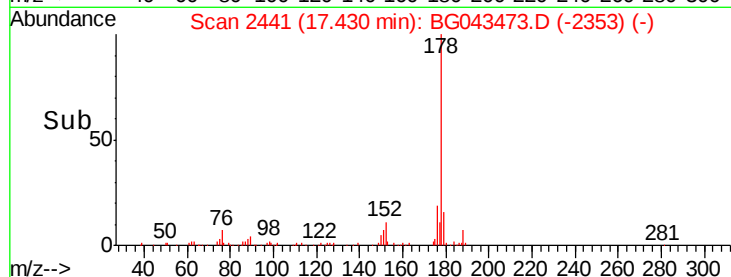
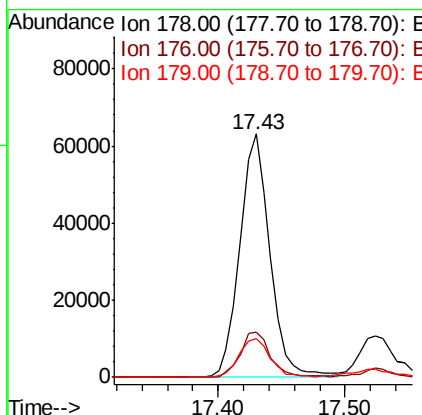
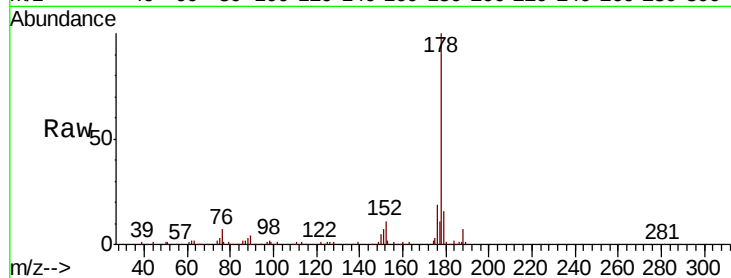
ClientSampleId :

TP-26A-D

Tot Ion:178	Resp:	104085
Ion Ratio	Lower	Upper
178	100	
176	18.7	15.8 23.8
179	15.9	13.1 19.7

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#75

Fluoranthene

Concen: 12.812 ng

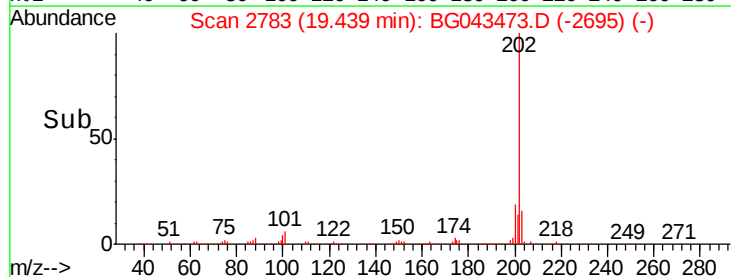
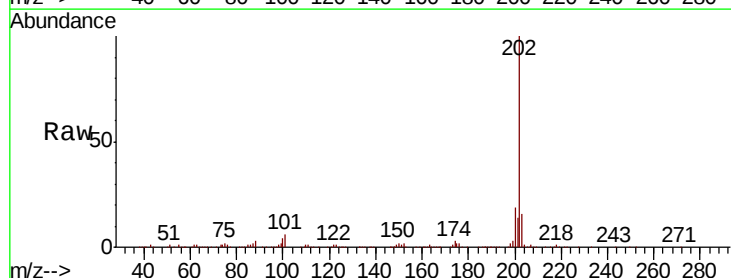
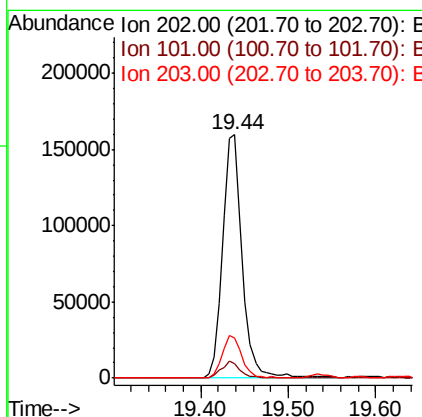
RT: 19.44 min Scan# 2783

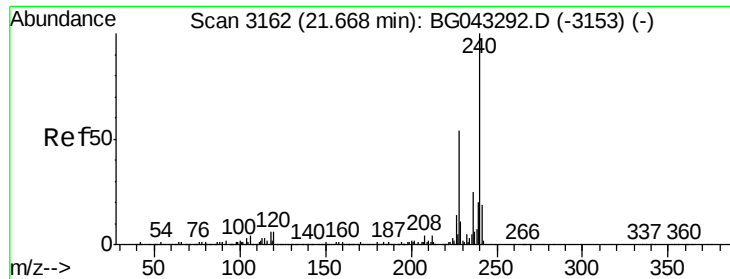
Delta R.T. -0.01 min

Lab File: BG043473.D

Acq: 1 Nov 2019 19:53

Tgt Ion:202	Resp:	248307
Ion Ratio	Lower	Upper
202	100	
101	6.0	0.0 26.0
203	16.4	0.0 38.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG043473.D

Acq: 1 Nov 2019 19:53

Instrument :

BNA_G

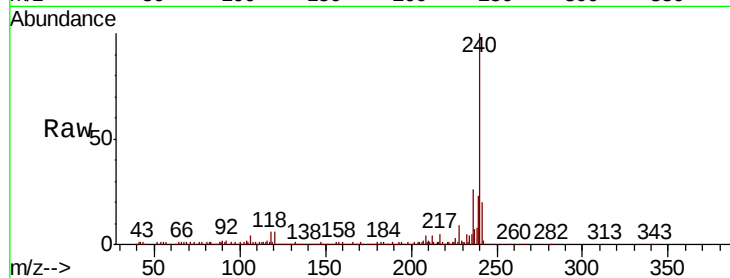
ClientSampleId :

TP-26A-D

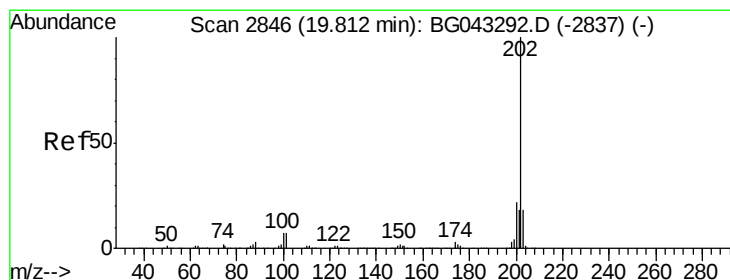
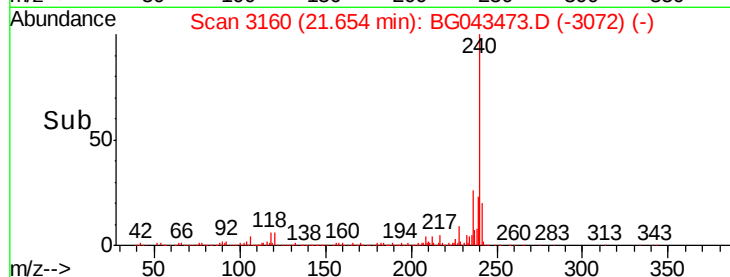
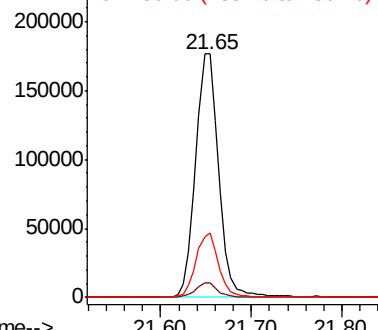
Tot Ion:	240	Resp:	313546
Ion Ratio	Lower	Upper	
240	100		
120	5.9	4.6	7.0
236	26.4	20.2	30.4

Manual Integrations
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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



#78

Pyrene

Concen: 9.830 ng

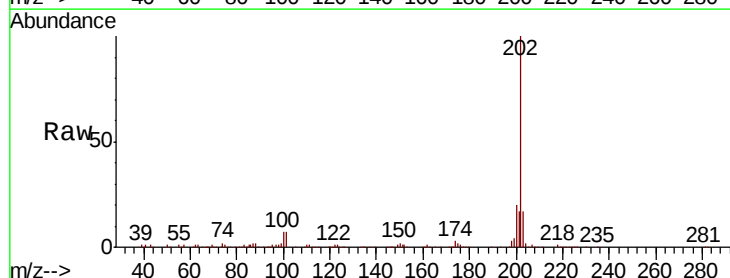
RT: 19.80 min Scan# 2844

Delta R.T. -0.01 min

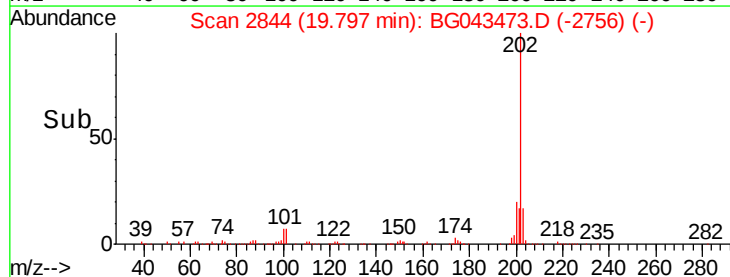
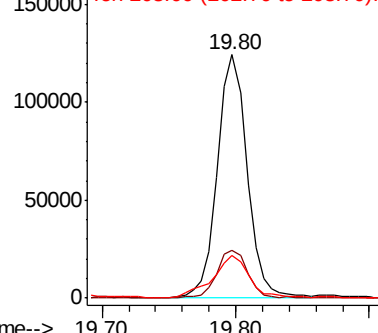
Lab File: BG043473.D

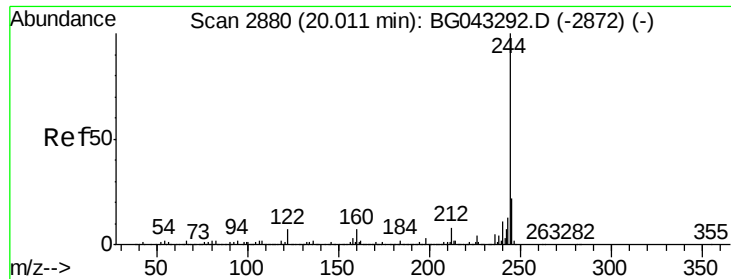
Acq: 1 Nov 2019 19:53

Tgt Ion:	202	Resp:	190777
Ion Ratio	Lower	Upper	
202	100		
200	19.6	17.3	25.9
203	17.5	14.5	21.7



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





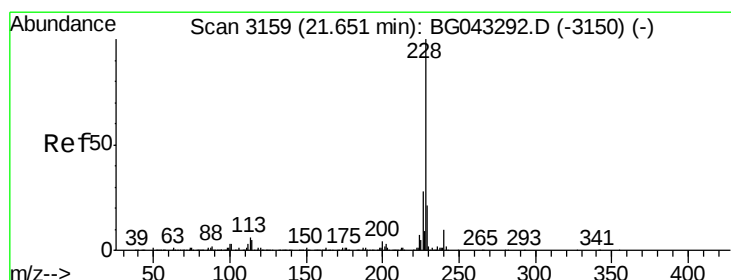
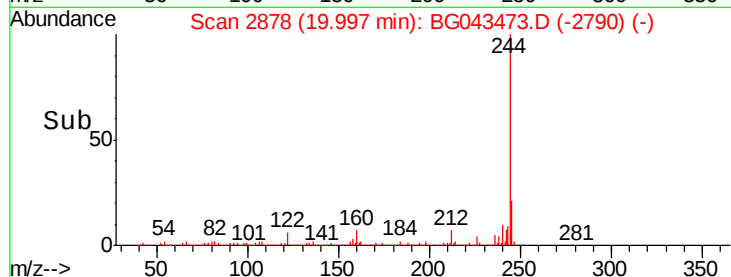
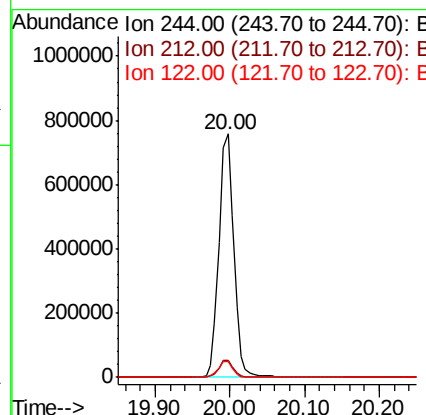
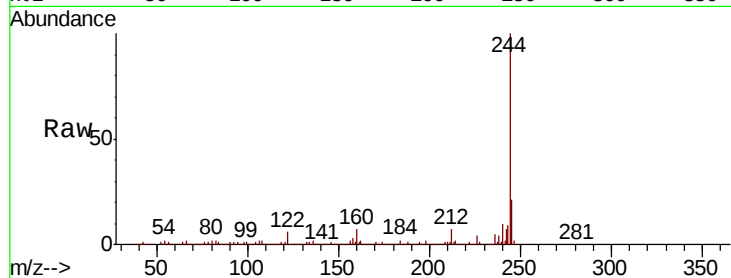
#79
 Terphenyl-d14
 Concen: 62.901 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BG043473.D
 Acq: 1 Nov 2019 19:53

Instrument :
 BNA_G
 ClientSampled :
 TP-26A-D

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	6.5	5.3	7.9

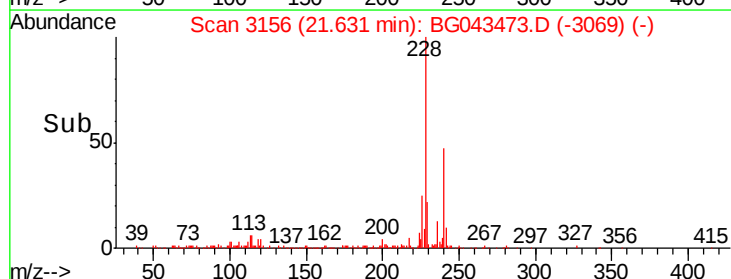
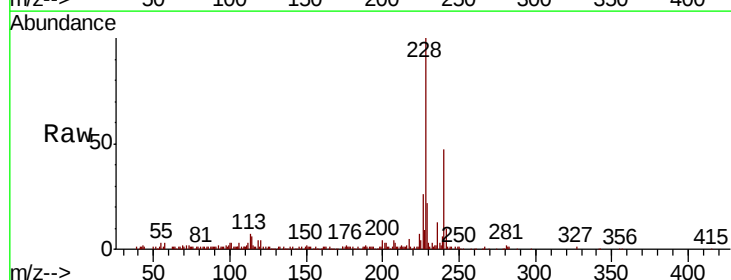
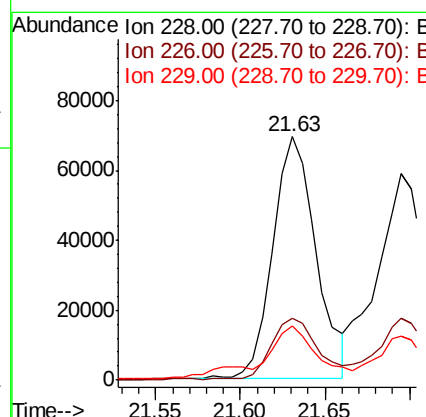
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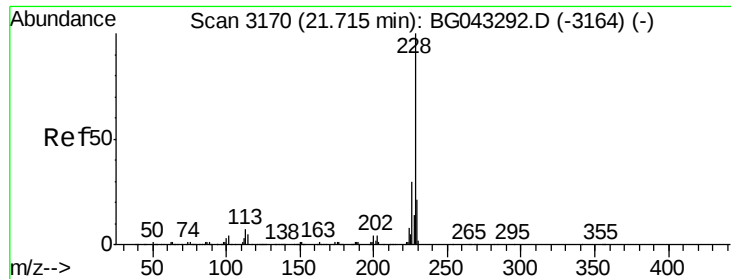
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#81
 Benzo(a)anthracene
 Concen: 6.287 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.02 min
 Lab File: BG043473.D
 Acq: 1 Nov 2019 19:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.6	22.2	33.4
229	22.1	16.9	25.3





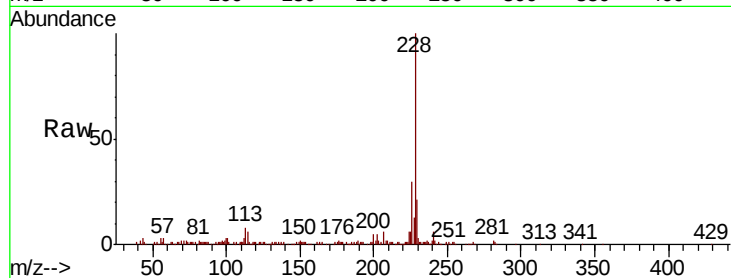
#83
Chrysene
Concen: 6.059 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Instrument :
BNA_G
ClientSampleId :
TP-26A-D

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	21.4	16.3	24.5

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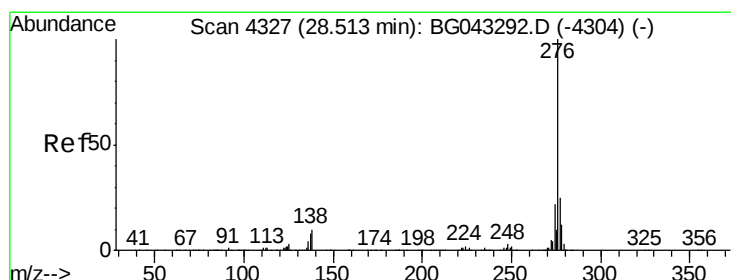
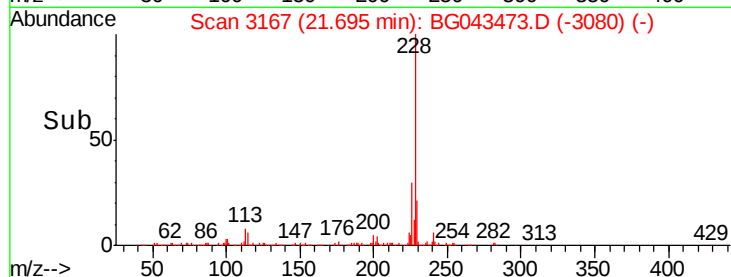
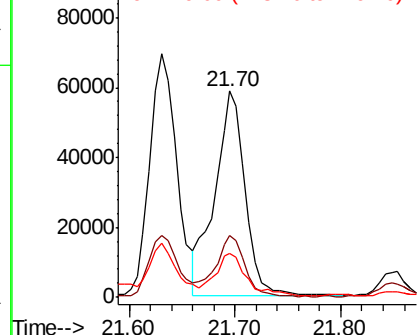


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86
Indeno(1,2,3-cd)pyrene
Concen: 3.747 ng
RT: 28.46 min Scan# 4318
Delta R.T. -0.06 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

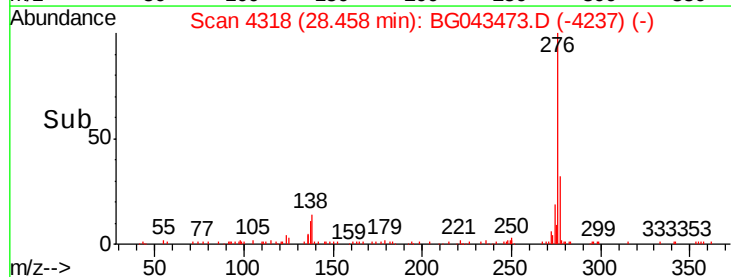
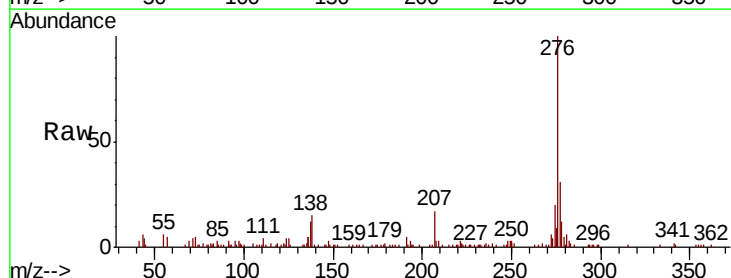
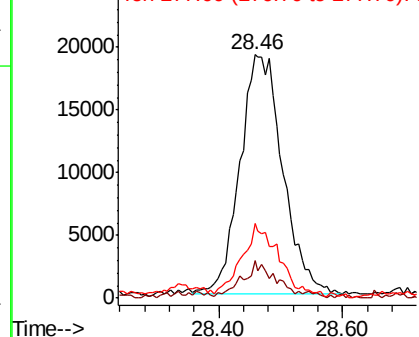
Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.3	7.2	10.8
277	25.9	20.9	31.3

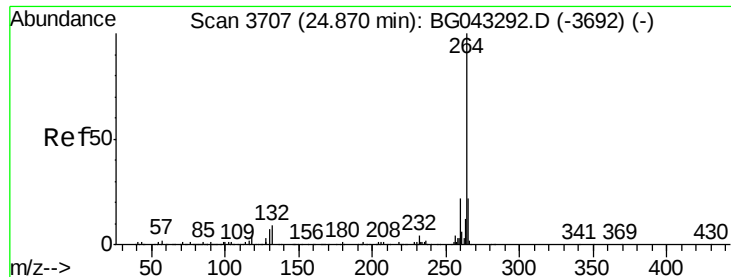
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





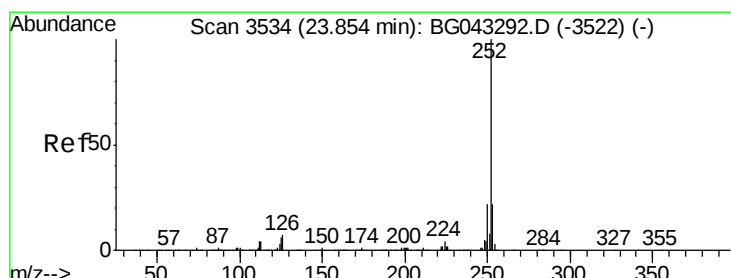
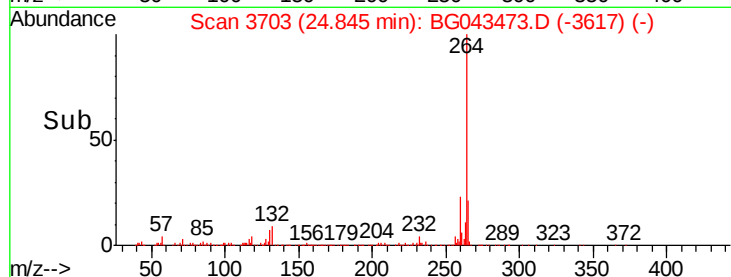
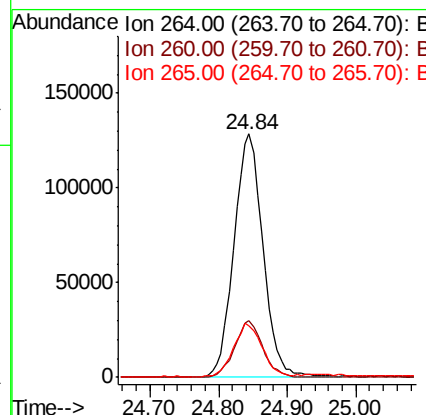
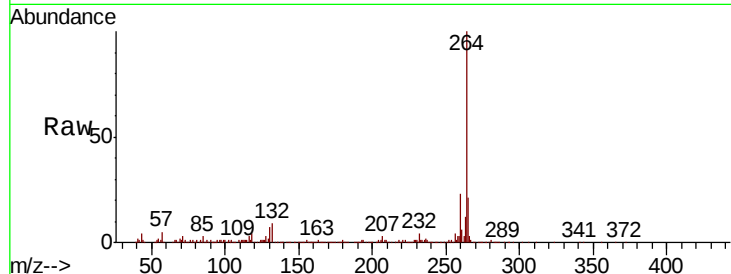
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3703
Delta R.T. -0.03 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Instrument :
BNA_G
ClientSampleId :
TP-26A-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.9	26.9
265	21.4	17.4	26.2

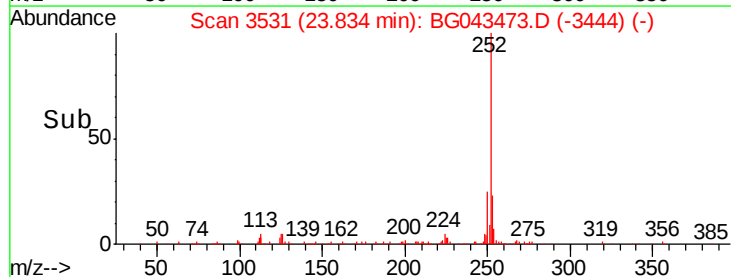
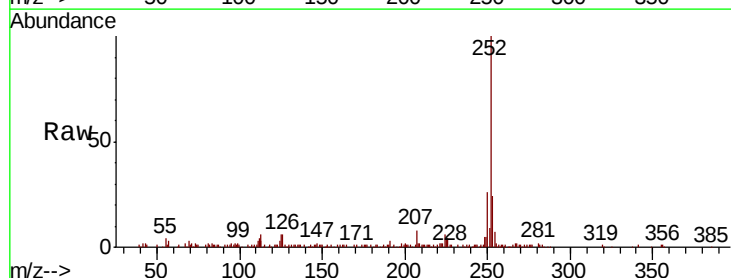
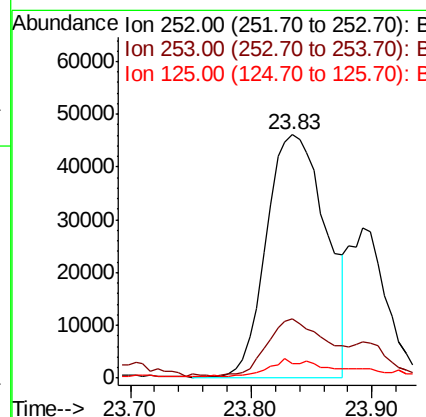
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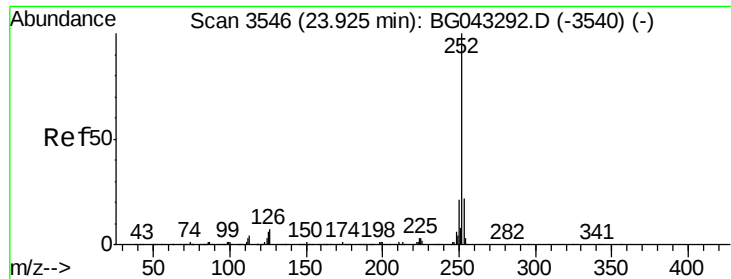
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#88
Benzo(b)fluoranthene
Concen: 7.363 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.02 min
Lab File: BG043473.D
Acq: 1 Nov 2019 19:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.2
125	6.2	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 2.844 ng

RT: 23.89 min Scan# 3541

Delta R.T. -0.03 min

Lab File: BG043473.D

Acq: 1 Nov 2019 19:53

Instrument :

BNA_G

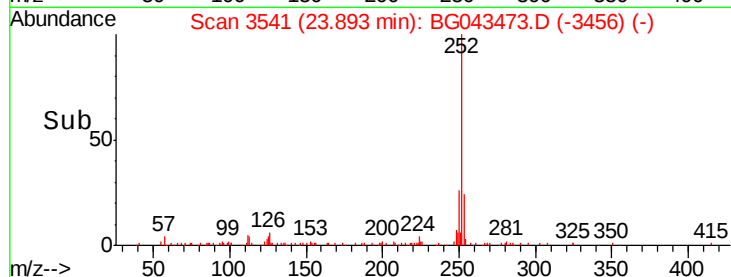
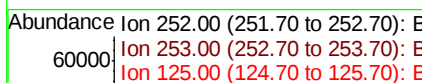
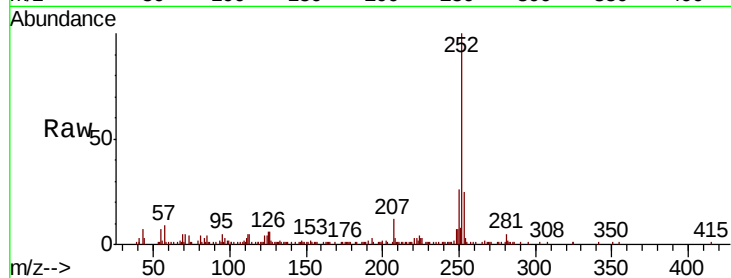
ClientSampleId :

TP-26A-D

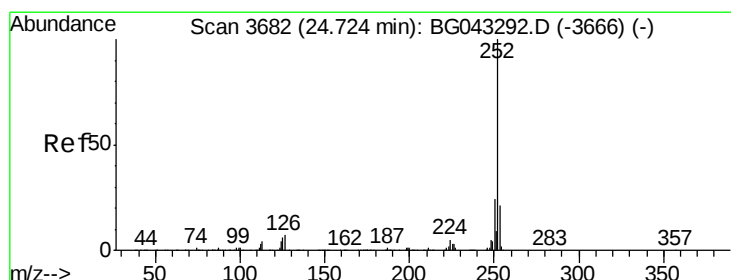
Tot Ion:	252	Resp:	61185
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.6	26.4
125	6.0	4.5	6.7

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Time-->



#90

Benzo(a)pyrene

Concen: 5.796 ng

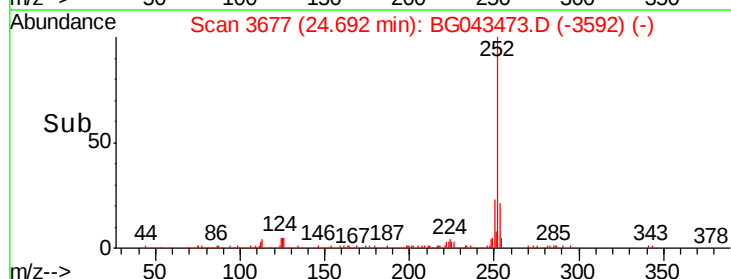
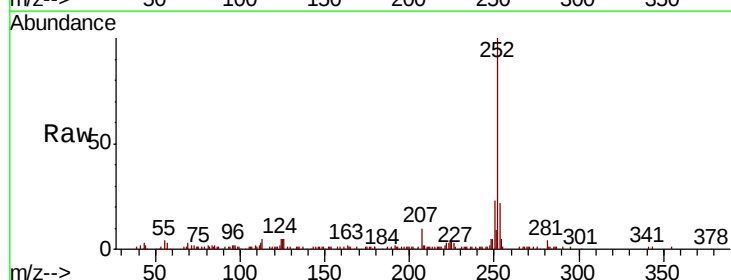
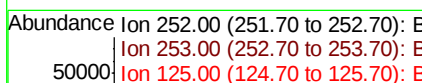
RT: 24.69 min Scan# 3677

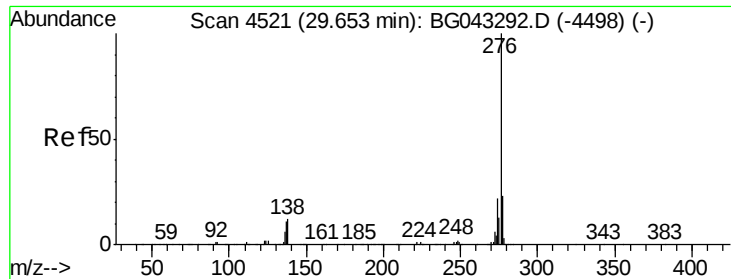
Delta R.T. -0.03 min

Lab File: BG043473.D

Acq: 1 Nov 2019 19:53

Tgt Ion:	252	Resp:	118267
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.2	25.8
125	5.0	5.0	7.6#





#92
 Benzo(a,h,i)perylene
 Concen: 4.761 ng
 RT: 29.59 min Scan# 4511
 Delta R.T. -0.06 min
 Lab File: BG043473.D
 Acq: 1 Nov 2019 19:53

Instrument :
 BNA_G
 ClientSampleId :
 TP-26A-D

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
277	22.3	18.3	27.5		
138	9.4	9.3	13.9		

Manual Integrations
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