

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
 Data File : BG041524.D
 Acq On : 28 Jun 2019 22:20
 Operator : HP/JU
 Sample : K3546-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-219-CONCRETE

Manual Integrations
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 7/2/2019 9:44:15 AM

Quant Time: Jul 01 02:12:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28296	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	106146	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	77167	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	209197	20.00	ng	0.00
76) Chrysene-d12	21.69	240	218335	20.00	ng	0.00
87) Perylene-d12	24.98	264	238562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	161272	101.61	ng	0.00
7) Phenol-d6	7.19	99	235358	105.34	ng	0.00
23) Nitrobenzene-d5	9.21	82	169258	66.51	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	120435	91.41	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	424455	70.59	ng	0.00
79) Terphenyl-d14	20.02	244	801865	78.05	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	71292	10.152	ng	Qvalue # 96
71) Phenanthrene	17.47	178	60562	5.254	ng	97
75) Fluoranthene	19.47	202	130871	8.516	ng	99
78) Pyrene	19.84	202	144459	9.692	ng	99
81) Benzo(a)anthracene	21.67	228	69580	4.584	ng	99
83) Chrysene	21.74	228	65062	4.428	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	35812m	2.013	ng	
88) Benzo(b)fluoranthene	23.92	252	74857	4.920	ng	99
90) Benzo(a)pyrene	24.82	252	53302	3.688	ng	99
92) Benzo(g,h,i)perylene	29.92	276	37631	2.614	ng	# 98

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

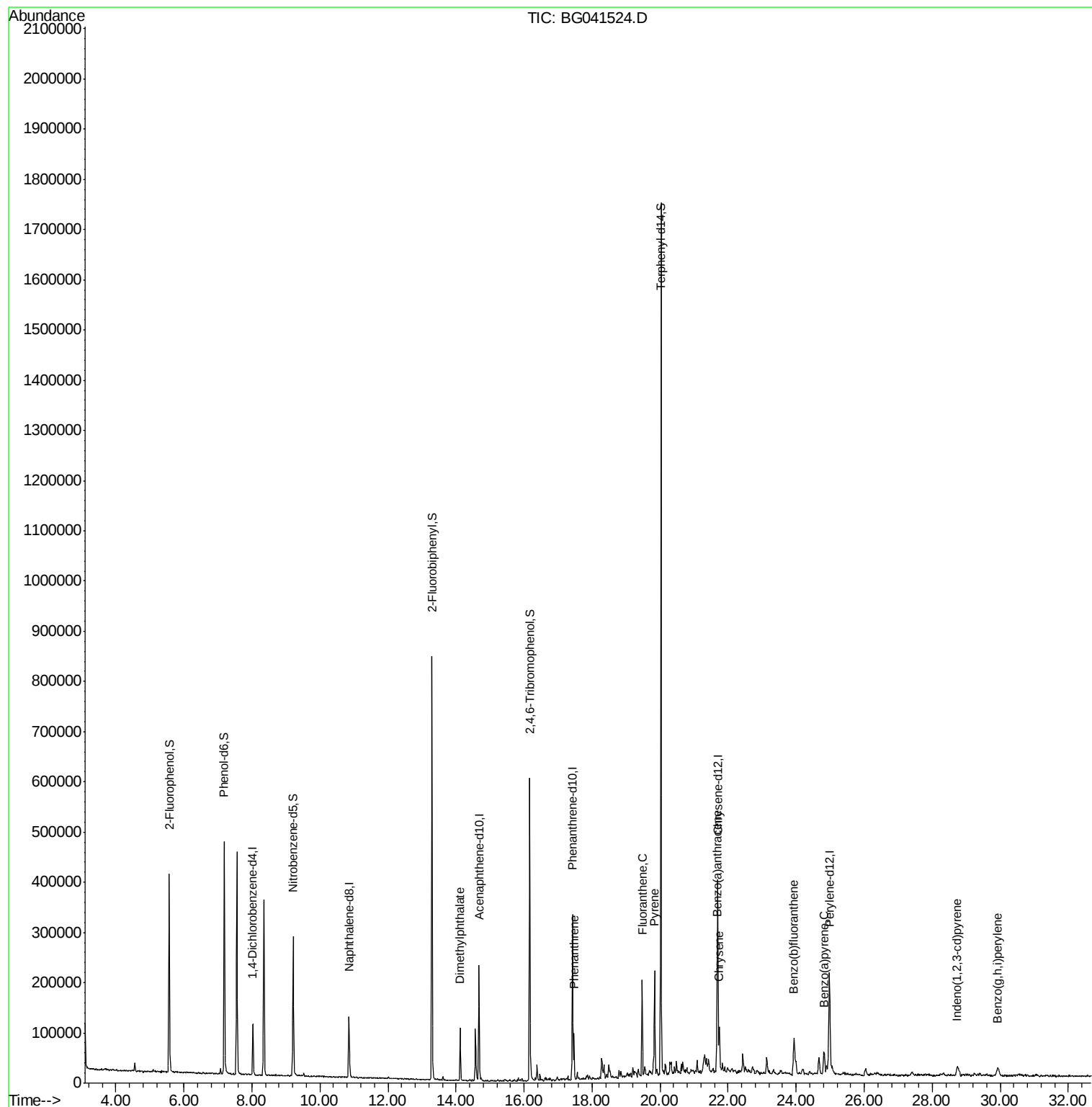
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
Data File : BG041524.D
Acq On : 28 Jun 2019 22:20
Operator : HP/JU
Sample : K3546-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

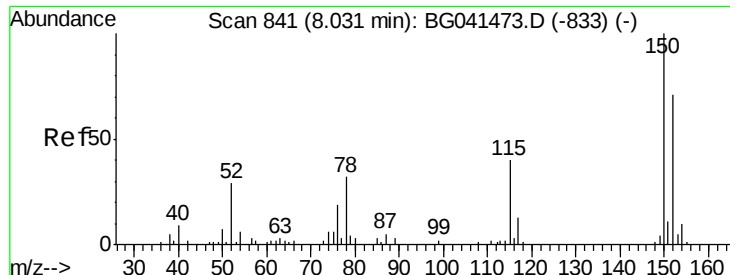
Instrument :
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ClientSampleId :
VNJ-219-CONCRETE

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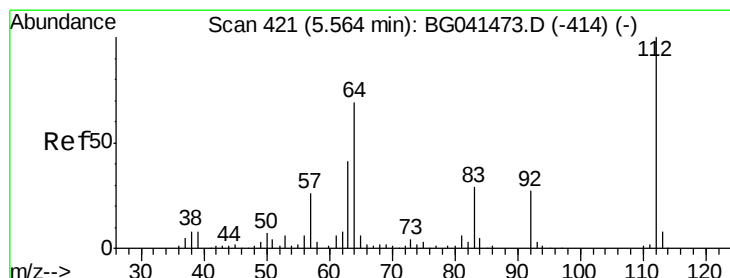
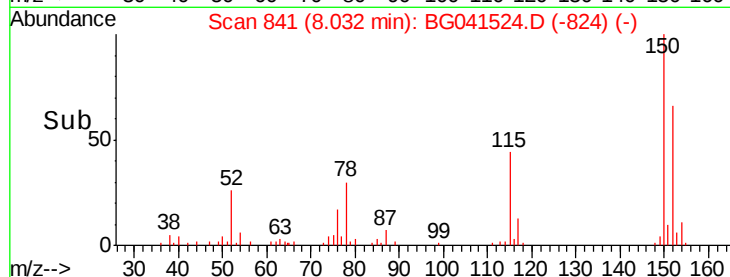
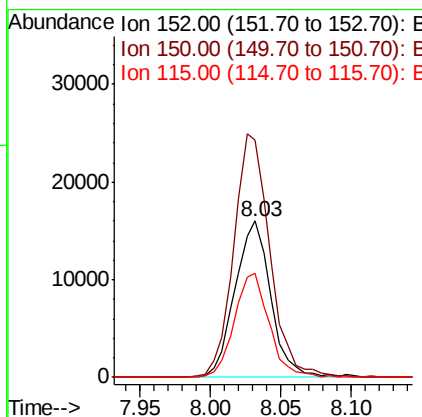
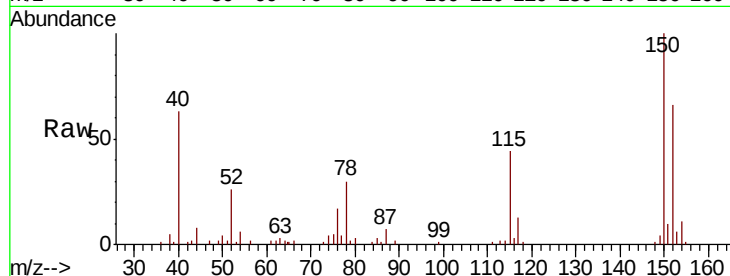
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BG041524.D
 Acq: 28 Jun 2019 22:20

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-219-CONCRETE

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.6	112.4	168.6
115	66.5	44.6	66.8

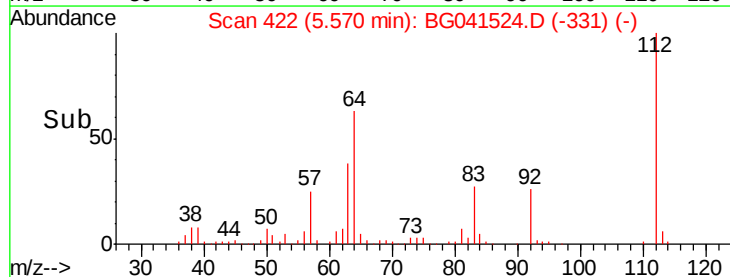
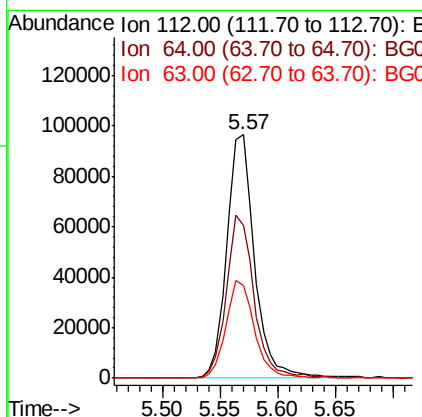
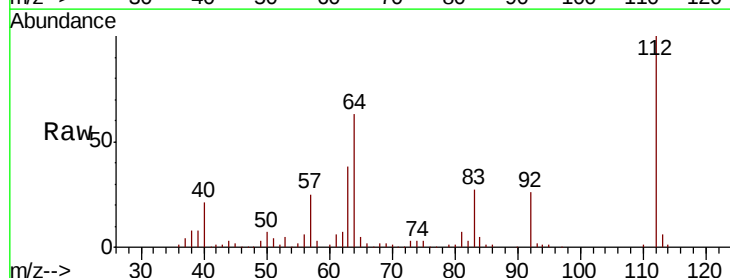
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#5
 2-Fluorophenol
 Concen: 101.613 ng
 RT: 5.57 min Scan# 422
 Delta R.T. 0.01 min
 Lab File: BG041524.D
 Acq: 28 Jun 2019 22:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	55.1	82.7
63	38.1	32.4	48.6





#7

Phenol-d6

Concen: 105.341 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG041524.D

Acq: 28 Jun 2019 22:20

Instrument :

BNA_G

ClientSampleId :

VNJ-219-CONCRETE

Tgt Ion: 99 Resp: 235358
Ion Ratio Lower Upper

99 100

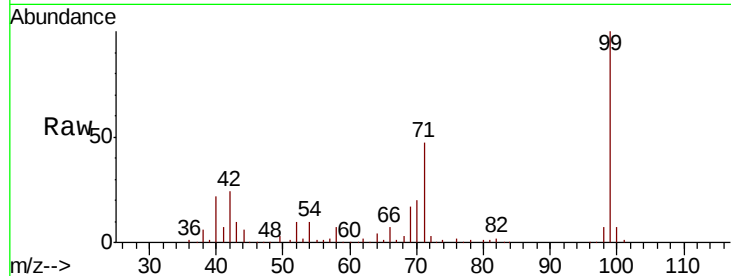
42 24.0 19.0 28.6

71 46.7 37.4 56.2

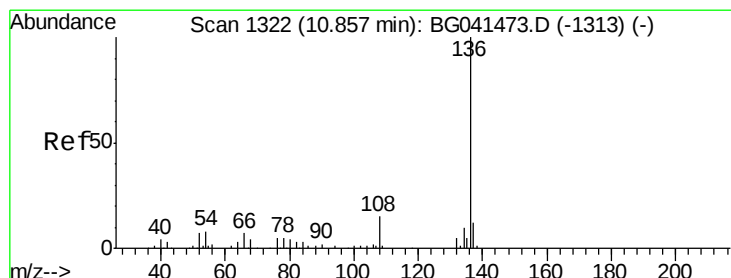
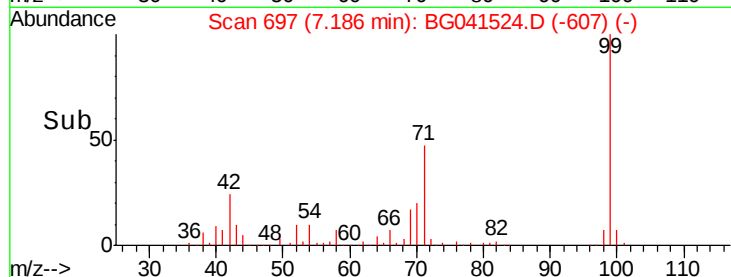
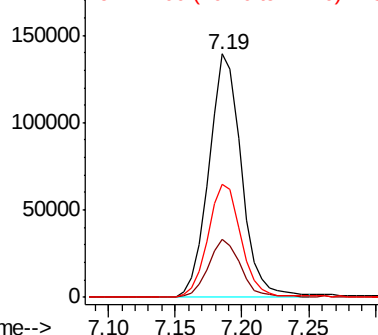
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041524.D

Acq: 28 Jun 2019 22:20

Tgt Ion: 136 Resp: 106146
Ion Ratio Lower Upper

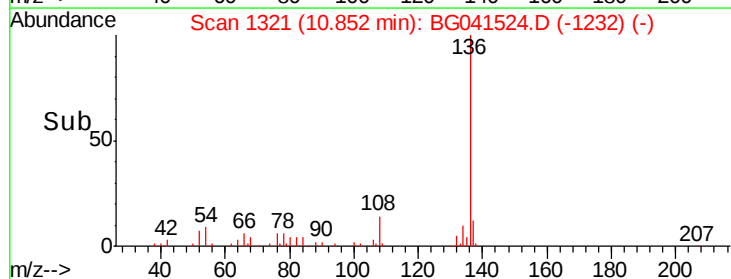
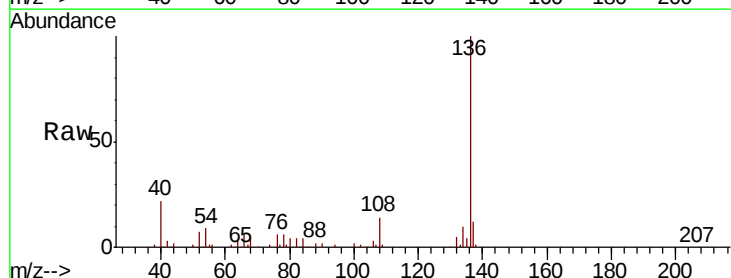
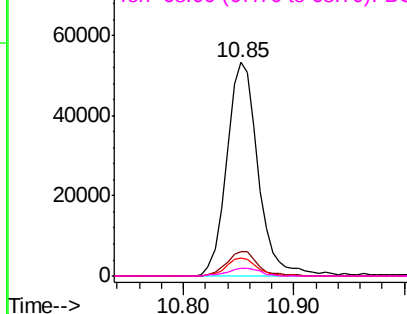
136 100

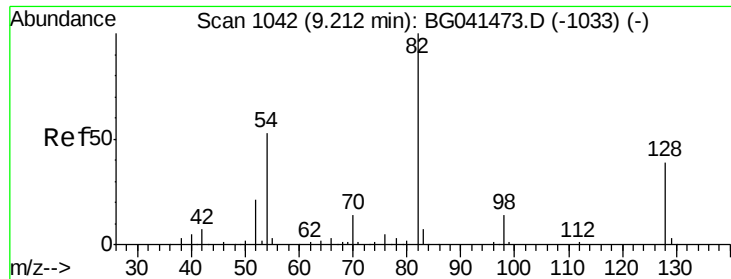
137 11.6 9.3 13.9

54 8.7 7.1 10.7

68 3.7 3.3 4.9

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





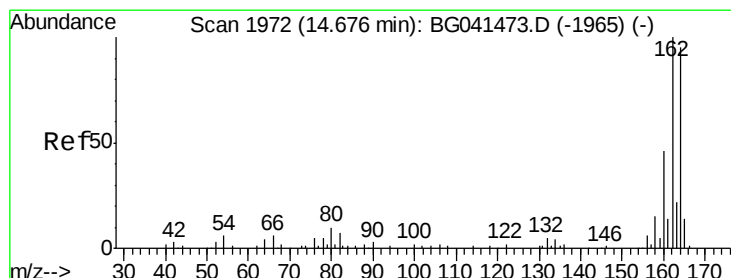
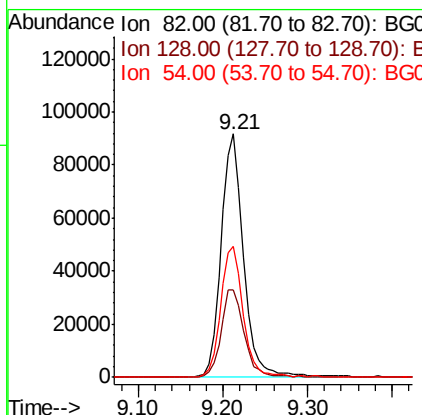
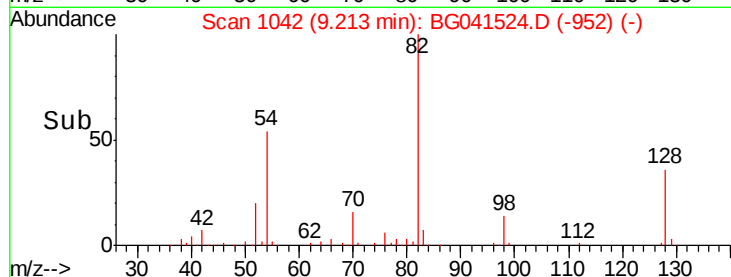
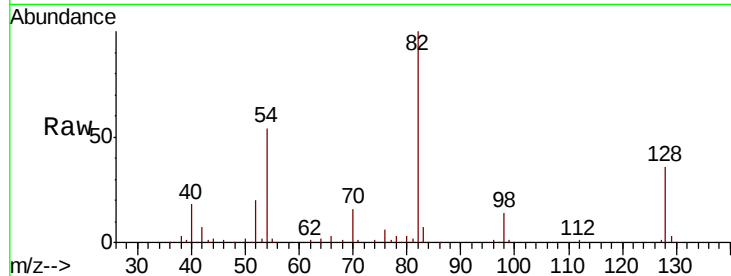
#23
Nitrobenzene-d5
Concen: 66.505 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Instrument :
BNA_G
ClientSampleId :
VNJ-219-CONCRETE

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	169258		
128	36.2	30.9	46.3	
54	53.6	42.2	63.2	

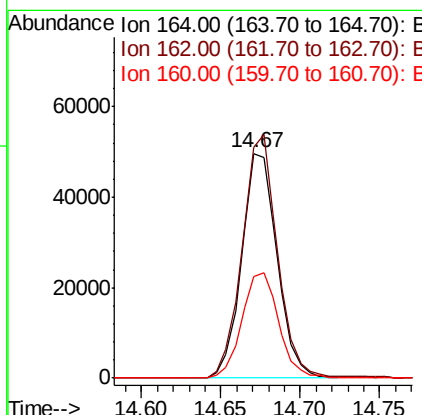
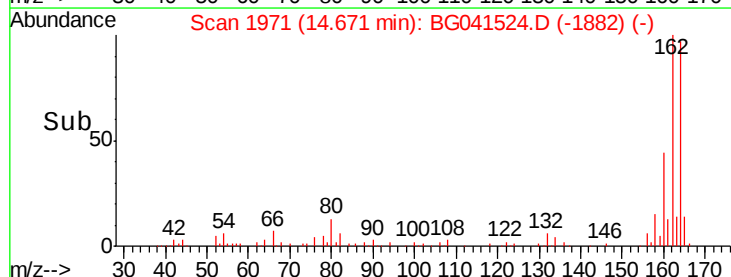
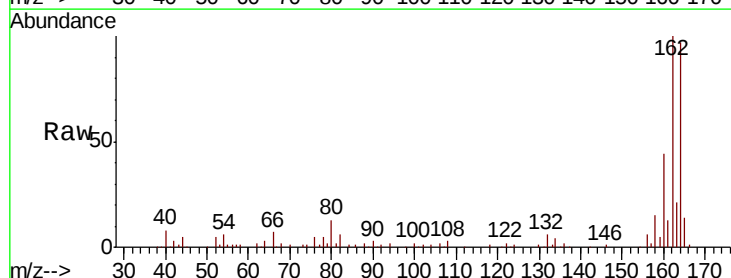
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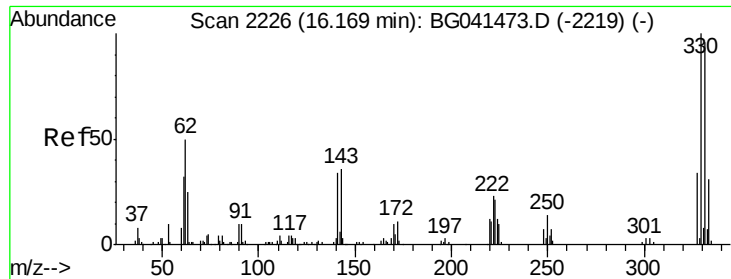
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	77167		
162	102.7	84.4	126.6	
160	45.3	38.8	58.2	





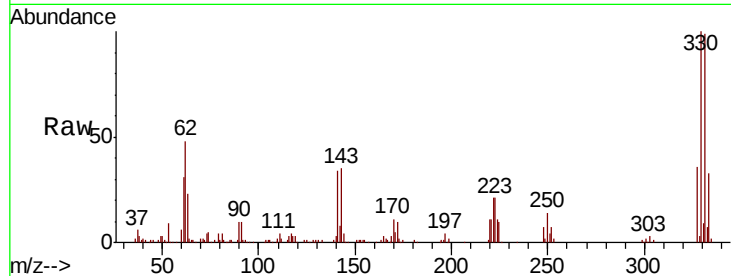
#42
 2,4,6-Tribromophenol
 Concen: 91.406 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BG041524.D
 Acq: 28 Jun 2019 22:20

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-219-CONCRETE

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	120435		
332	98.0	75.5	113.3	
141	35.5	27.8	41.6	

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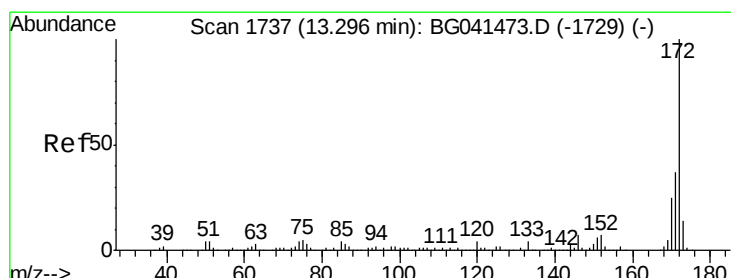
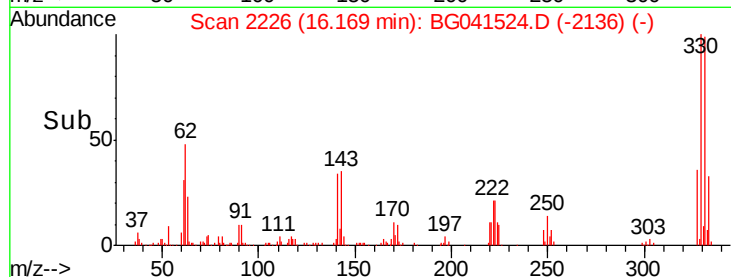
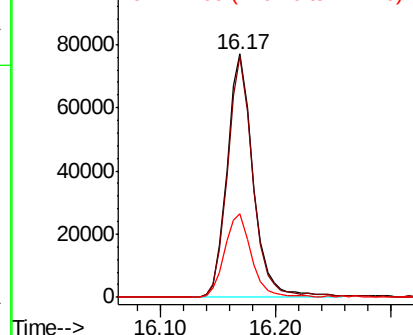


Abundance

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: 70.585 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: BG041524.D
 Acq: 28 Jun 2019 22:20

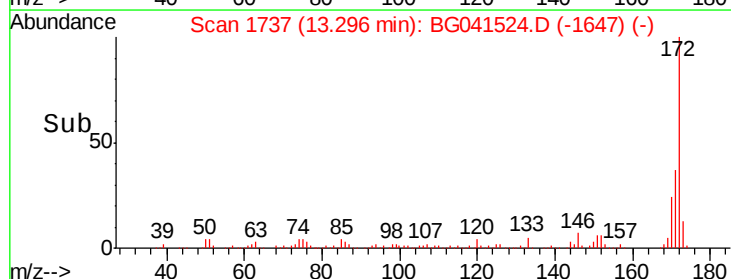
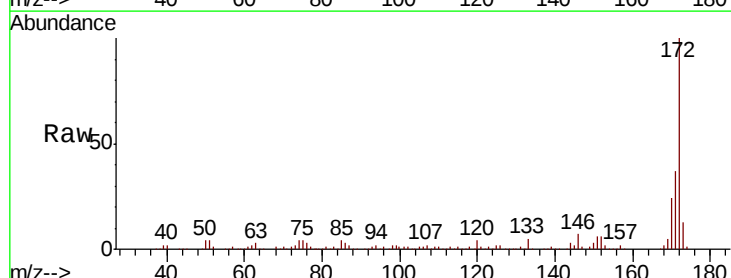
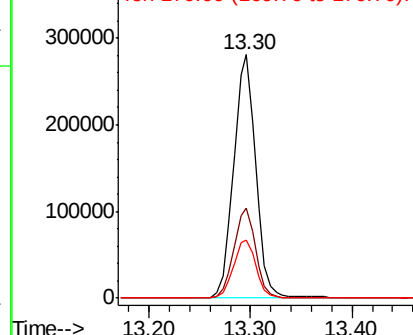
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	424455		
171	37.2	29.6	44.4	
170	24.0	20.0	30.0	

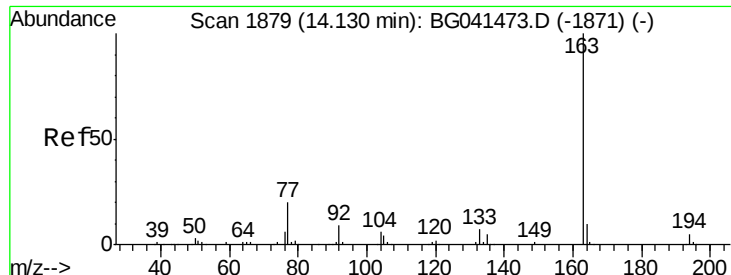
Abundance

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





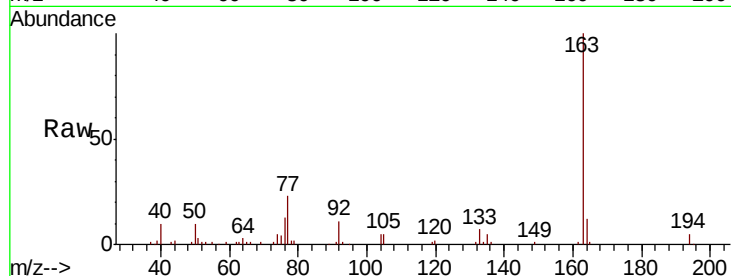
#50
Dimethylphthalate
Concen: 10.152 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Instrument :
BNA_G
ClientSampleId :
VNJ-219-CONCRETE

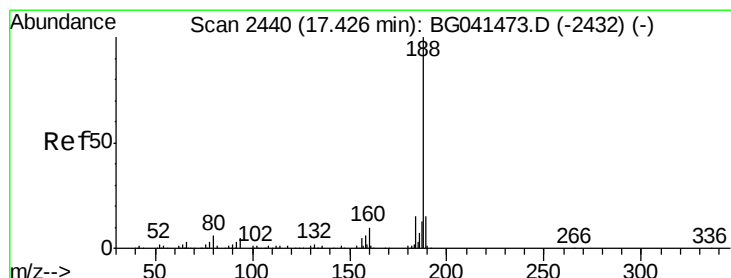
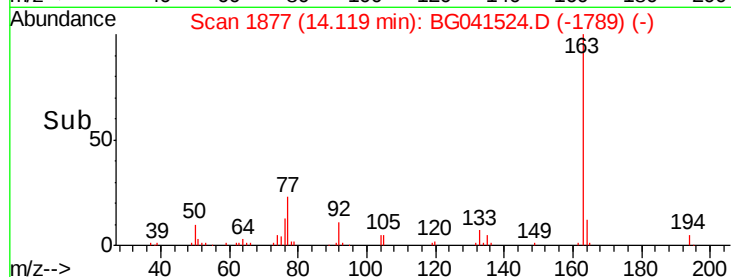
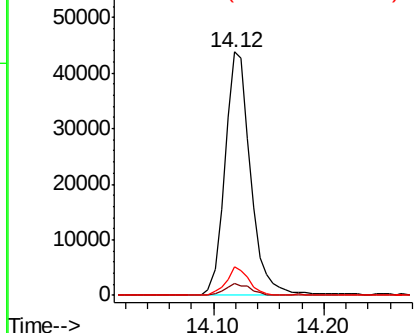
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.7	5.5
164	11.8	7.8	11.6

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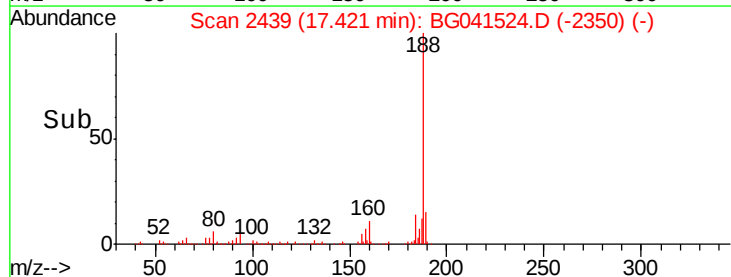
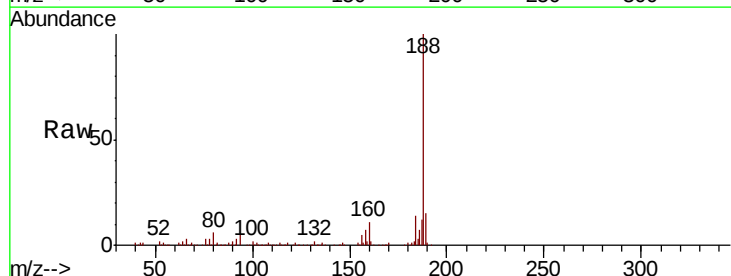
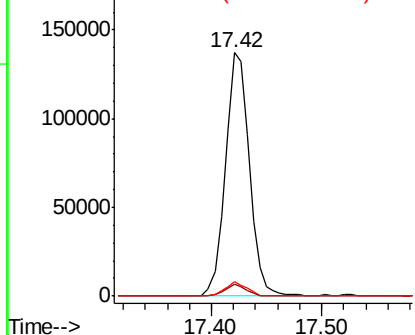
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

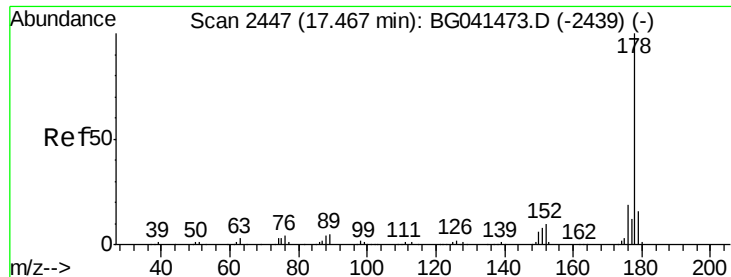


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.7	3.8	5.8
80	6.0	4.8	7.2

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





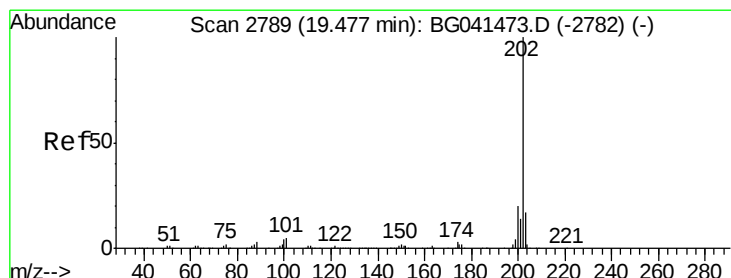
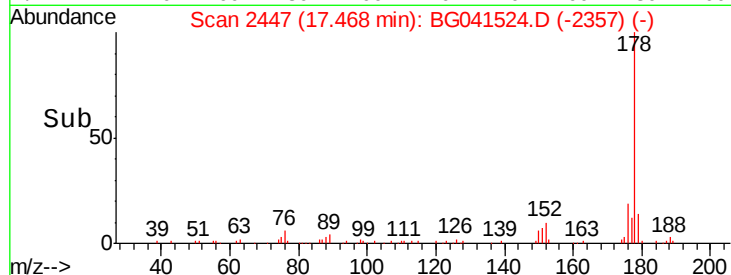
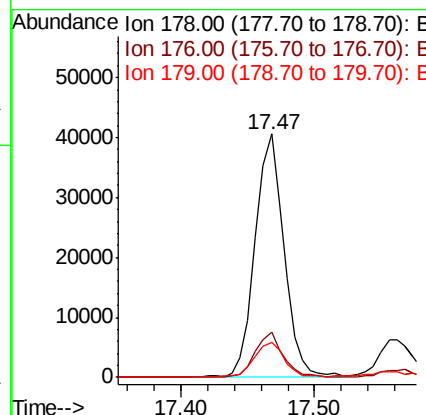
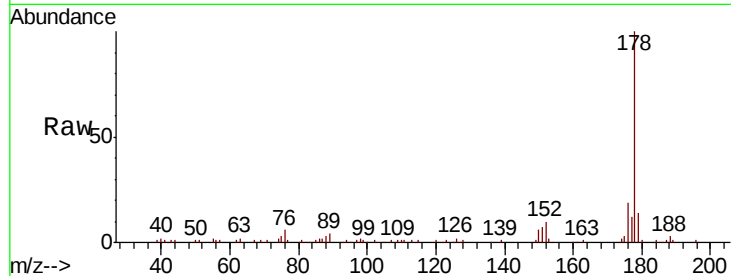
#71
Phenanthrene
Concen: 5.254 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Instrument :
BNA_G
ClientSampleId :
VNJ-219-CONCRETE

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	14.1	13.0	19.4

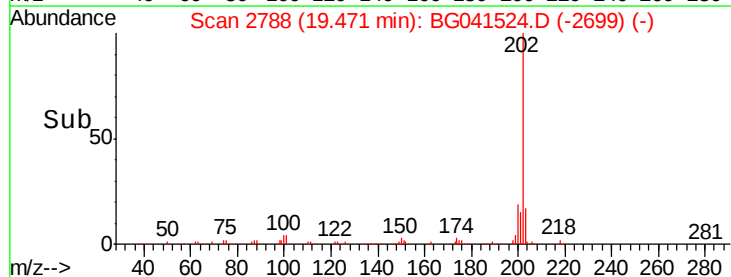
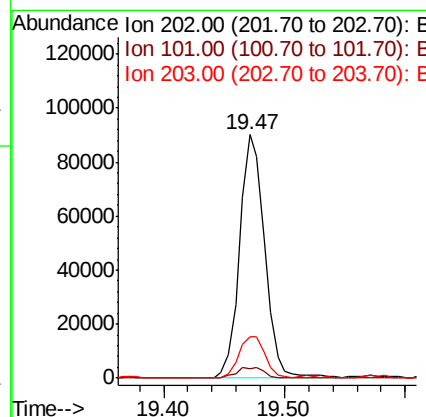
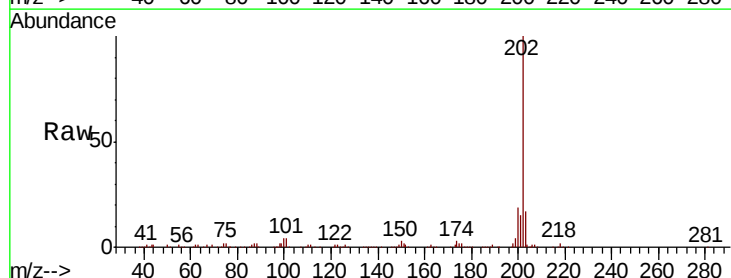
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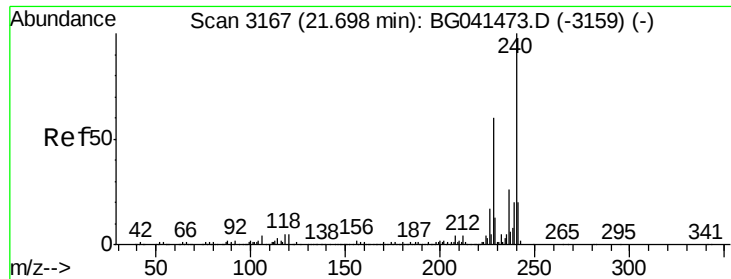
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#75
Fluoranthene
Concen: 8.516 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.1	0.0	24.9
203	17.2	0.0	37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG041524.D

Acq: 28 Jun 2019 22:20

Instrument :

BNA_G

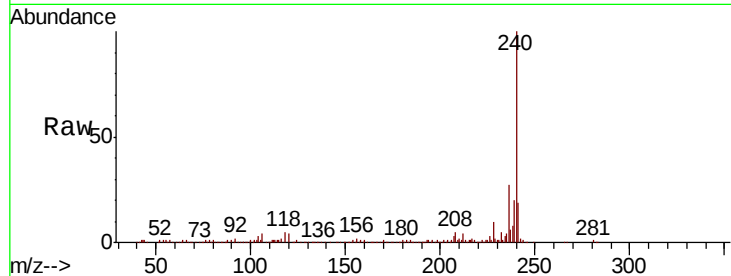
ClientSampleId :

VNJ-219-CONCRETE

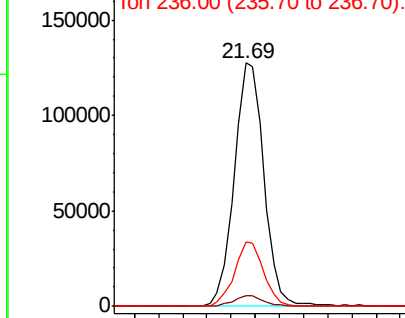
Tgt	Ion:240	Resp:	218335
Ion	Ratio	Lower	Upper
240	100		
120	4.5	3.7	5.5
236	26.6	20.8	31.2

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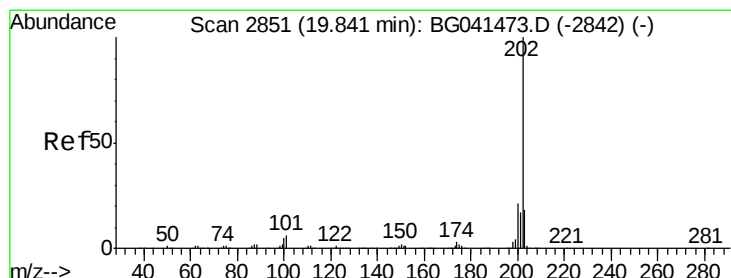
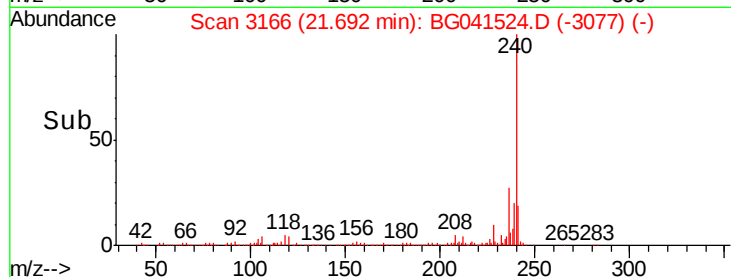
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70 21.80



#78

Pyrene

Concen: 9.692 ng

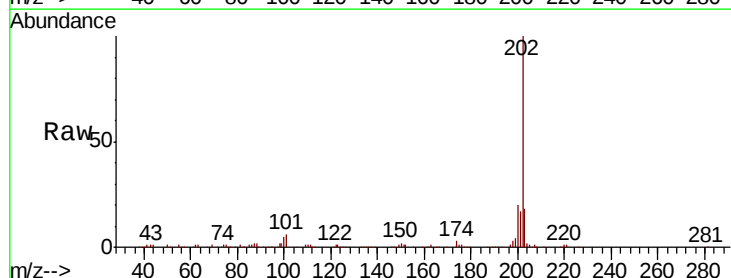
RT: 19.84 min Scan# 2850

Delta R.T. -0.01 min

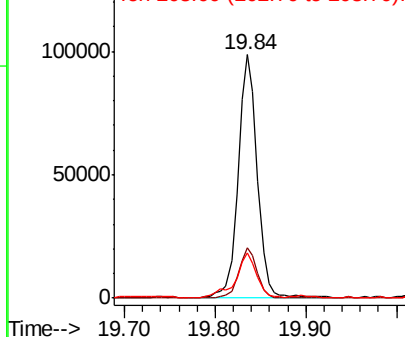
Lab File: BG041524.D

Acq: 28 Jun 2019 22:20

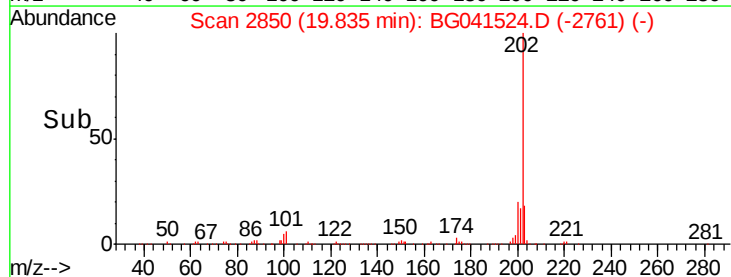
Tgt	Ion:202	Resp:	144459
Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.8	25.2
203	18.4	14.2	21.4

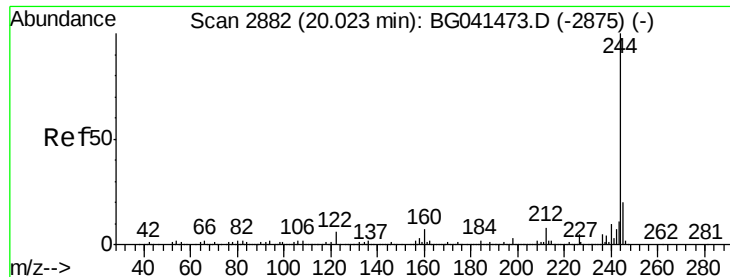


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.70 19.80 19.90





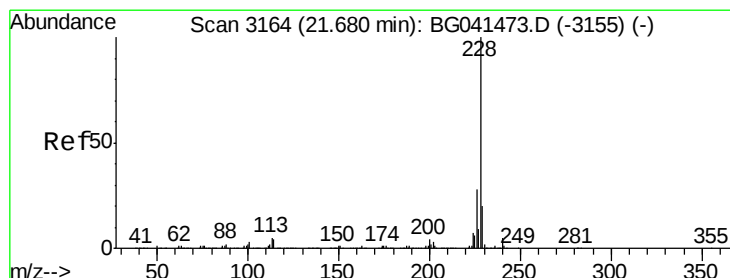
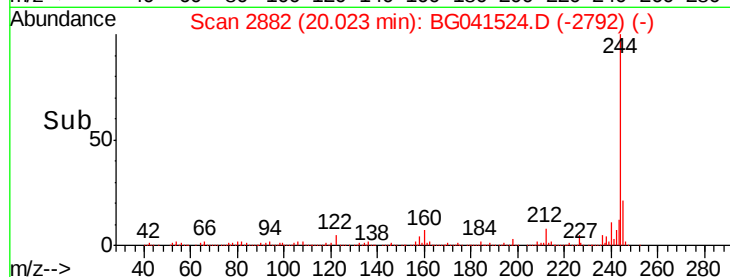
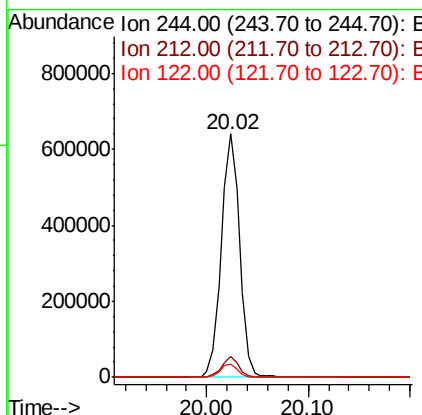
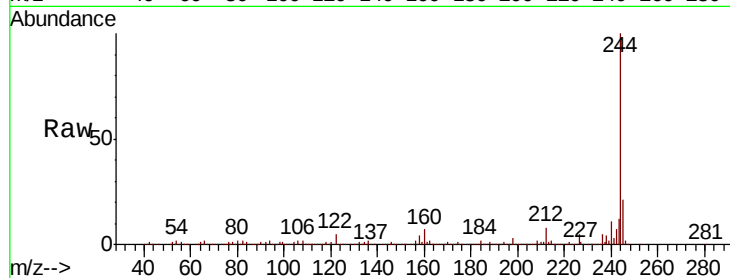
#79
 Terphenyl-d14
 Concen: 78.047 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. 0.00 min
 Lab File: BG041524.D
 Acq: 28 Jun 2019 22:20

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-219-CONCRETE

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	801865		
212	8.5	6.2	9.4	
122	5.5	4.8	7.2	

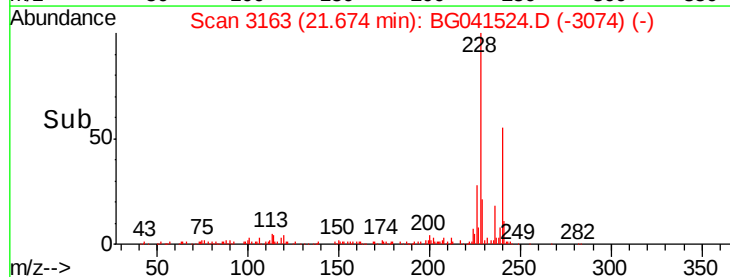
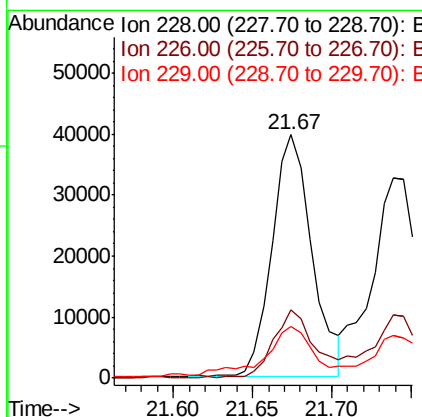
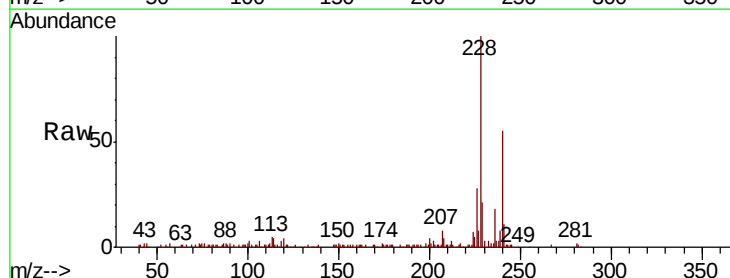
Manual Integrations
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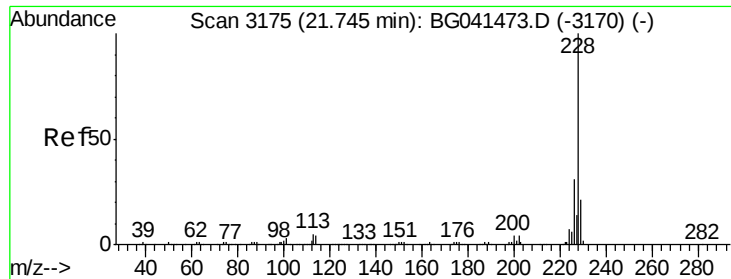
mohammad
 7/2/2019 9:44:15 AM



#81
 Benzo(a)anthracene
 Concen: 4.584 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG041524.D
 Acq: 28 Jun 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	69580		
226	28.0	22.6	33.8	
229	21.1	16.1	24.1	





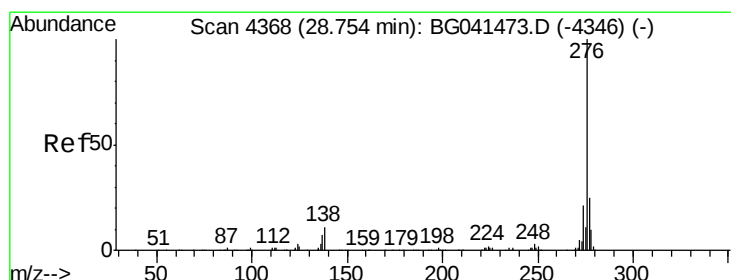
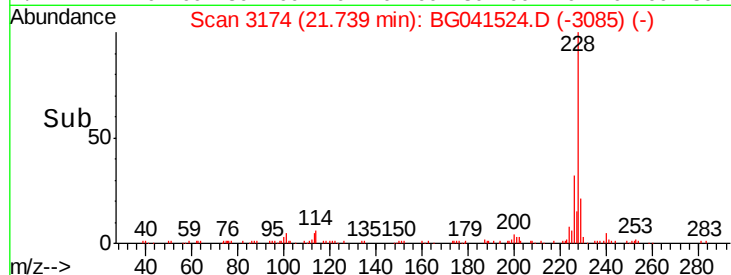
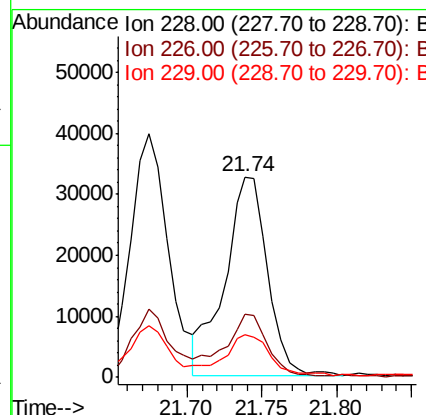
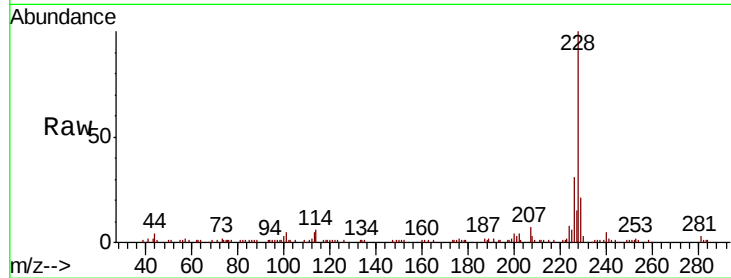
#83
Chrysene
Concen: 4.428 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Instrument :
BNA_G
ClientSampleId :
VNJ-219-CONCRETE

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.4
229	21.3	16.8	25.2

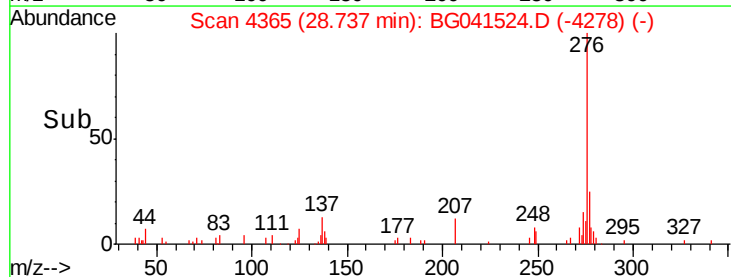
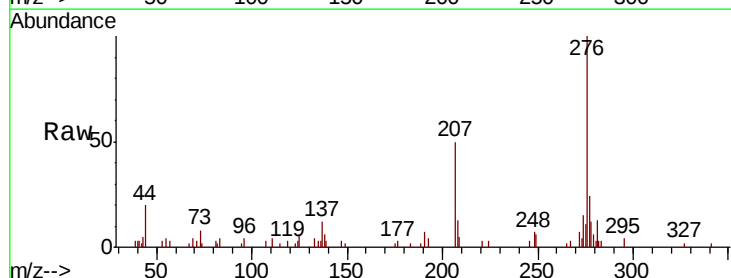
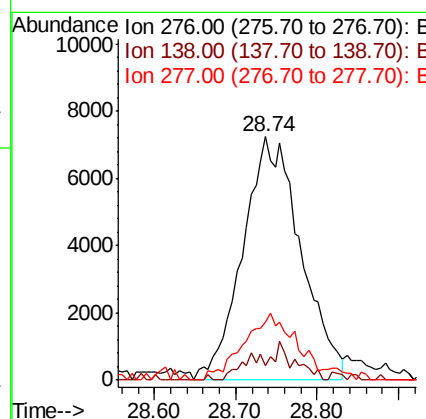
Manual Integrations
APPROVED

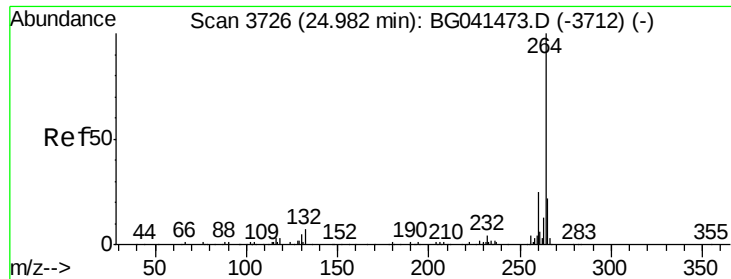
mohammad
7/2/2019 9:44:15 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 2.013 ng m
RT: 28.74 min Scan# 4365
Delta R.T. -0.02 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.8	4.9	7.3
277	24.8	20.4	30.6





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3725

Delta R.T. -0.01 min

Lab File: BG041524.D

Acq: 28 Jun 2019 22:20

Instrument :

BNA_G

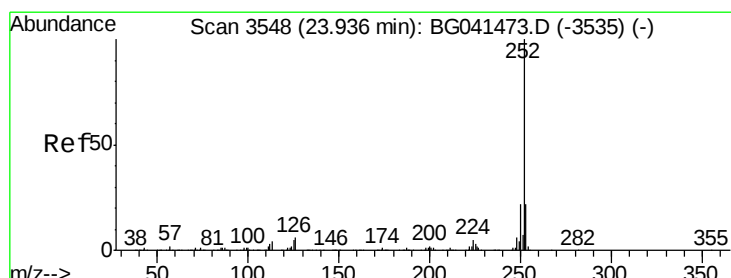
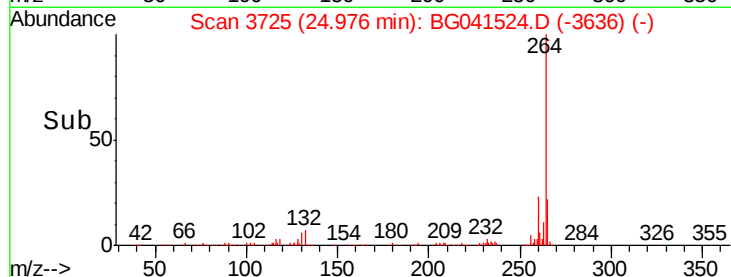
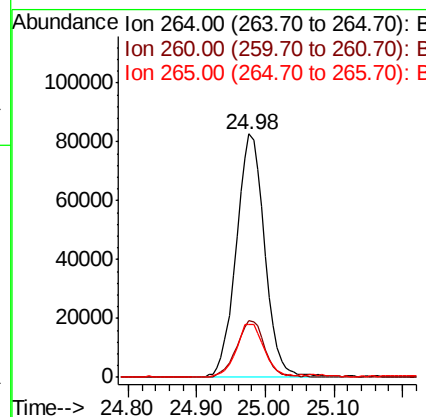
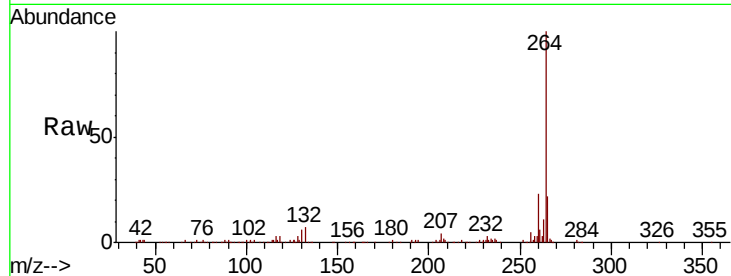
ClientSampleId :

VNJ-219-CONCRETE

Tgt	Ion	264	Resp:	238562
Ion	Ratio	Lower	Upper	
264	100			
260	23.2	19.7	29.5	
265	21.6	17.4	26.2	

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#88

Benzo(b)fluoranthene

Concen: 4.920 ng

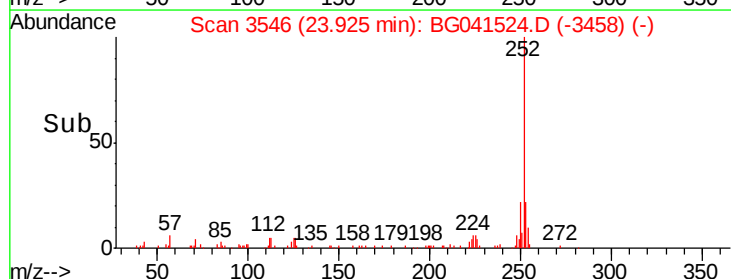
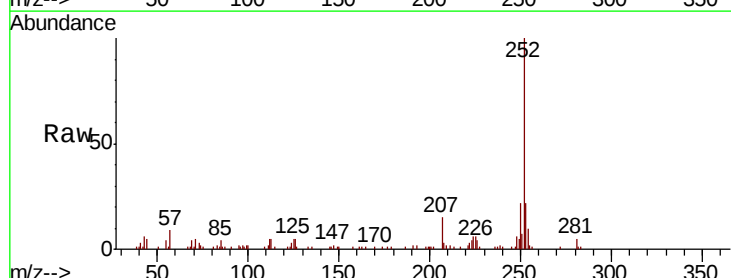
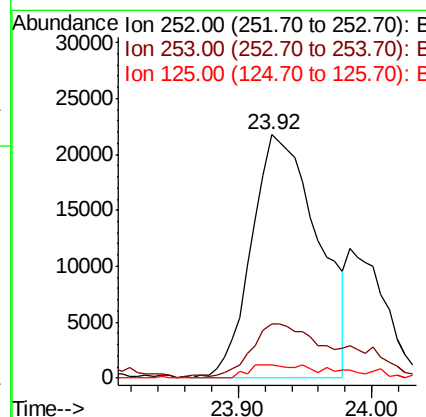
RT: 23.92 min Scan# 3546

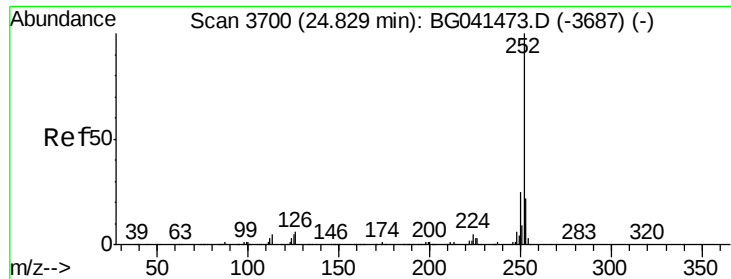
Delta R.T. -0.01 min

Lab File: BG041524.D

Acq: 28 Jun 2019 22:20

Tgt	Ion	252	Resp:	74857
Ion	Ratio	Lower	Upper	
252	100			
253	22.2	18.0	27.0	
125	5.2	3.8	5.8	





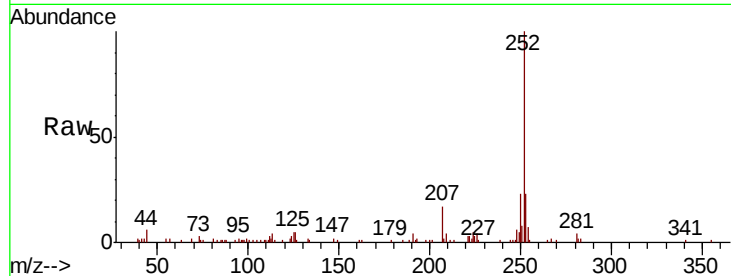
#90
Benzo(a)pyrene
Concen: 3.688 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Instrument :
BNA_G
ClientSampleId :
VNJ-219-CONCRETE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	5.2	4.4	6.6

Manual Integrations
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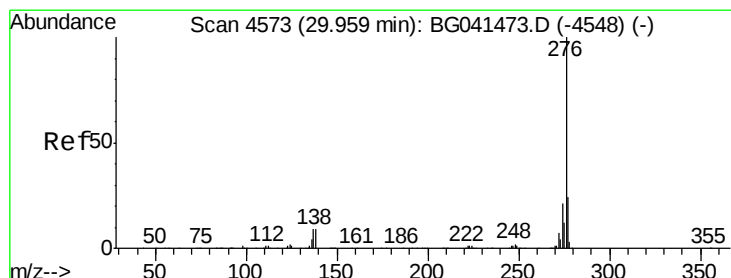
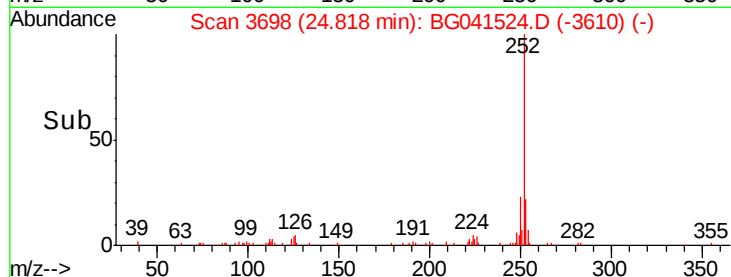
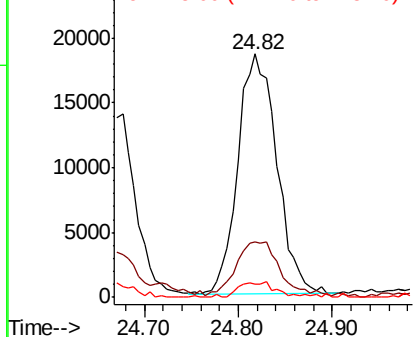


Abundance

Ion 252.00 (251.70 to 252.70): E

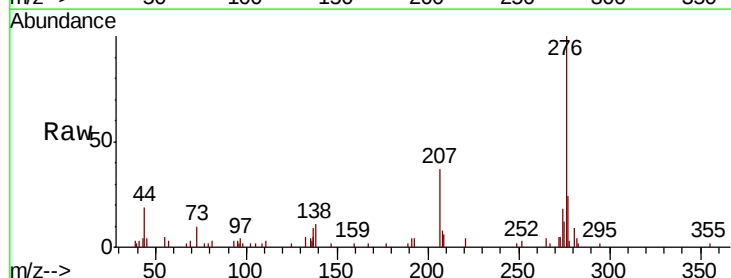
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.614 ng
RT: 29.92 min Scan# 4566
Delta R.T. -0.04 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.2
138	11.5	7.6	11.4#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

