

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
 Data File : BG042488.D
 Acq On : 25 Aug 2019 21:32
 Operator : HP/JU
 Sample : K4498-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SIDEWALL-3

Manual Integrations
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mohammad
 8/31/2019 3:48:39 PM

Quant Time: Aug 26 16:03:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	49527	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	190615	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	141123	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	321772	20.00	ng	0.00
76) Chrysene-d12	21.68	240	367310	20.00	ng	-0.01
87) Perylene-d12	24.93	264	432347	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	293562	120.05	ng	0.00
7) Phenol-d6	7.17	99	396136	119.92	ng	0.00
23) Nitrobenzene-d5	9.16	82	225962	81.92	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	228163	113.75	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	648944	77.77	ng	0.00
79) Terphenyl-d14	20.02	244	1178269	69.35	ng	0.00
Target Compounds						
10) Phenol	7.19	94	8609	2.563	ng	76
31) Naphthalene	10.87	128	162153	18.323	ng	98
37) 2-Methylnaphthalene	12.48	142	501880	70.628	ng	99
38) 1-Methylnaphthalene	12.70	142	280293	41.527	ng	98
50) Dimethylphthalate	14.11	163	102871	10.103	ng	# 97
52) Acenaphthene	14.72	154	24914	3.467	ng	95
55) Dibenzofuran	15.06	168	37195m	3.127	ng	
58) Fluorene	15.71	166	59193	6.088	ng	# 93
71) Phenanthrene	17.45	178	248473	15.546	ng	97
78) Pyrene	19.83	202	45608	2.025	ng	# 93

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

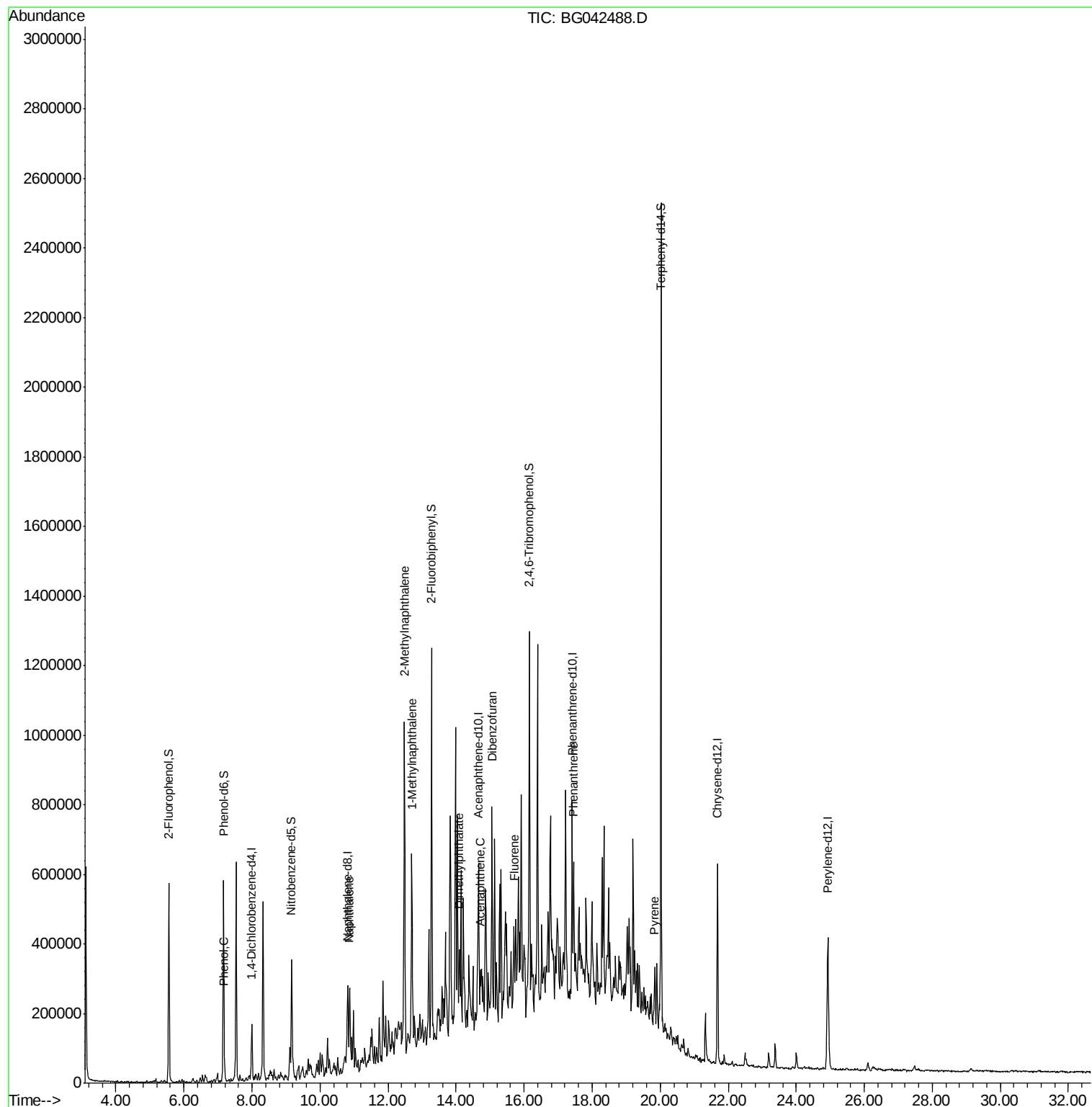
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
Data File : BG042488.D
Acq On : 25 Aug 2019 21:32
Operator : HP/JU
Sample : K4498-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

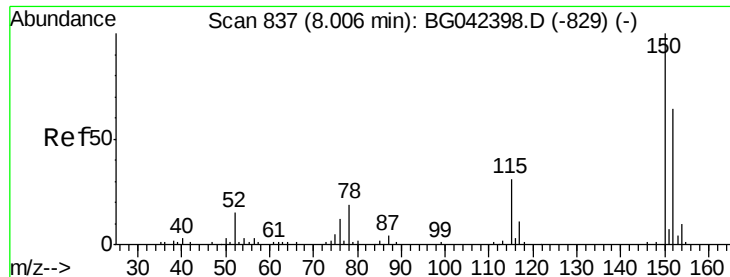
Instrument :
BNA_G
ClientSampleId :
SIDEWALL-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

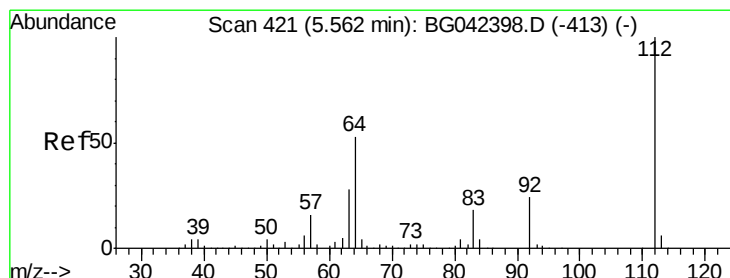
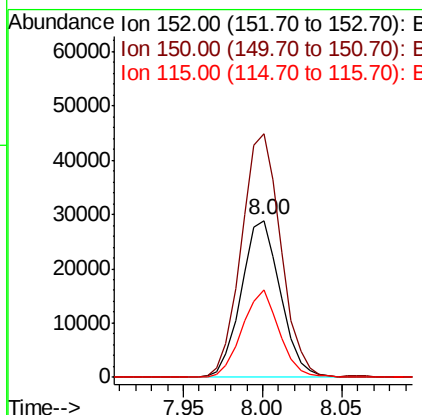
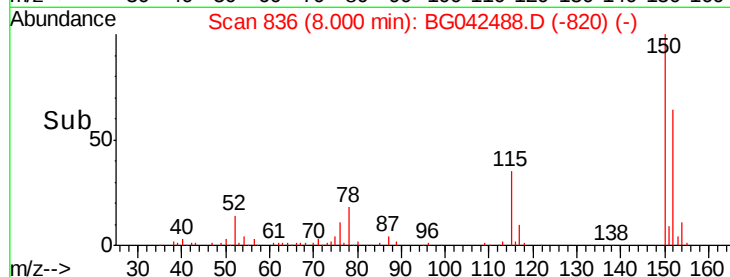
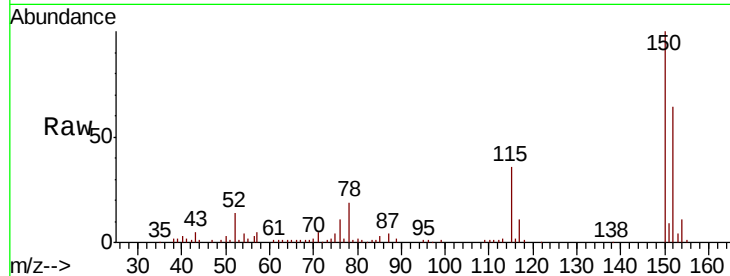
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042488.D
Acq: 25 Aug 2019 21:32

Instrument :
BNA_G
ClientSampleId :
SIDEWALL-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.4	188.0
115	55.6	38.5	57.7

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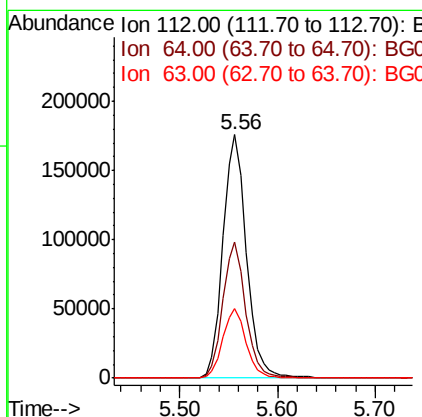
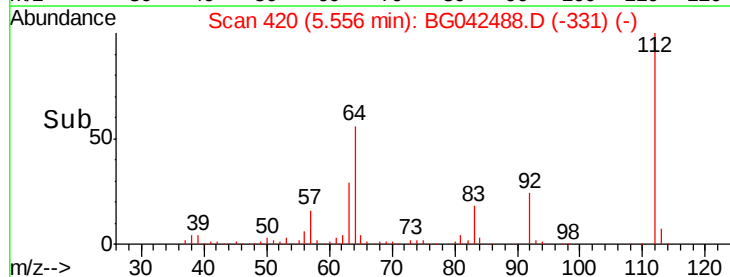
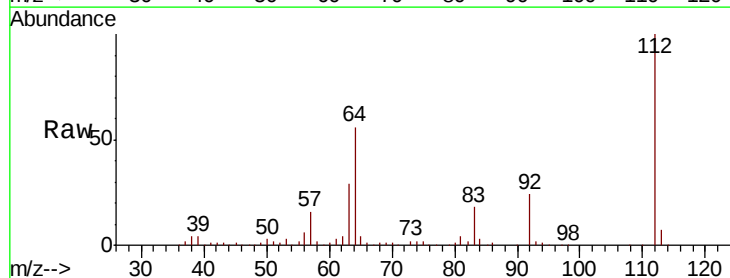
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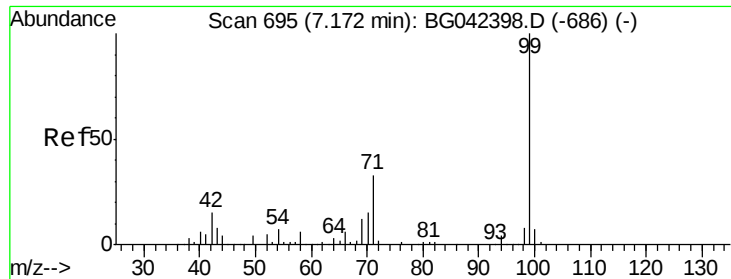


#5

2-Fluorophenol
Concen: 120.045 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042488.D
Acq: 25 Aug 2019 21:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	42.8	64.2
63	28.5	22.7	34.1





#7

Phenol-d6

Concen: 119.924 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042488.D

Acq: 25 Aug 2019 21:32

Instrument :

BNA_G

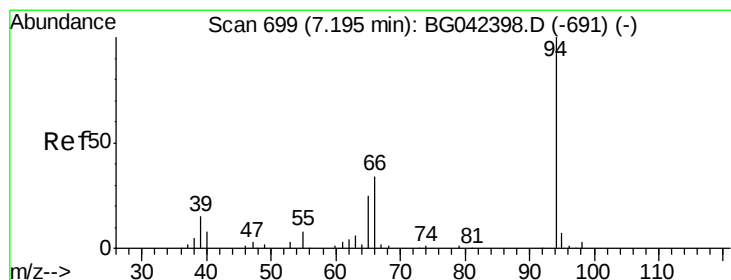
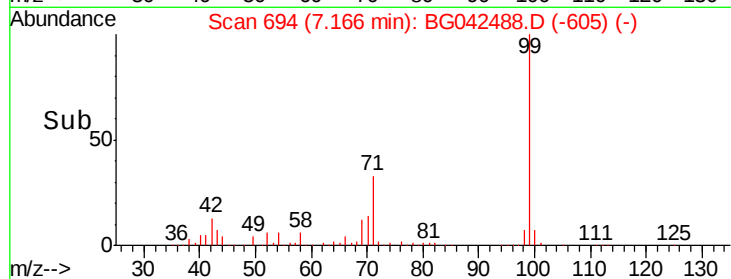
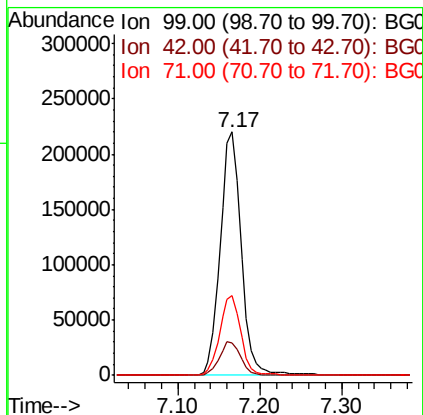
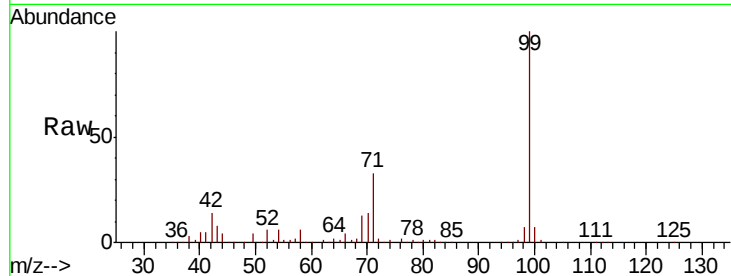
ClientSampleId :

SIDEWALL-3

Tot Ion:	99	Resp:	396136
Ion	Ratio	Lower	Upper
99	100		
42	13.5	12.0	18.0
71	32.9	26.3	39.5

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#10

Phenol

Concen: 2.563 ng

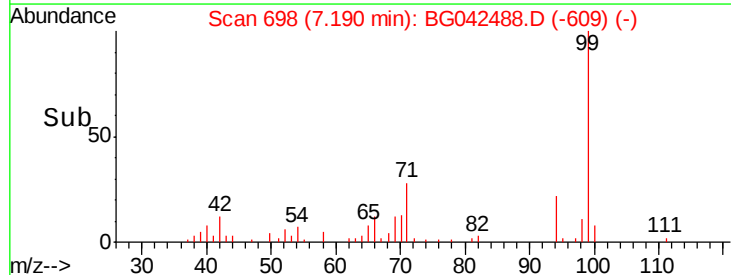
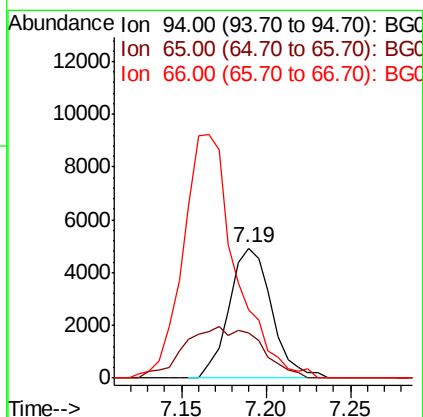
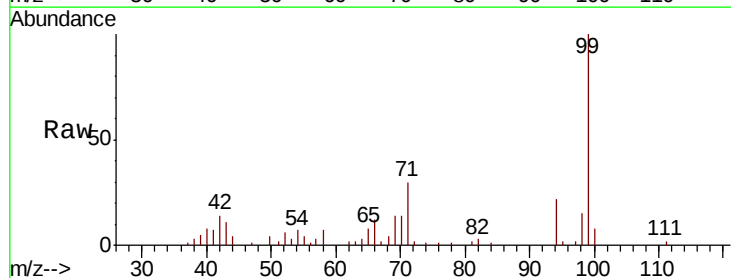
RT: 7.19 min Scan# 698

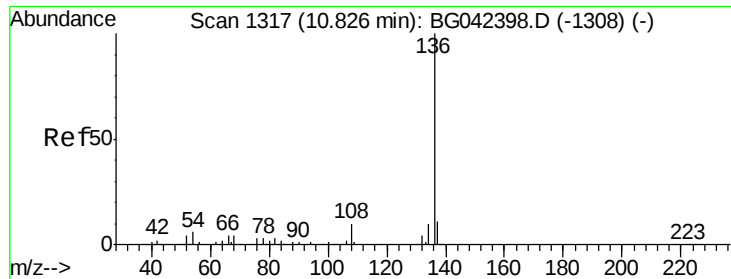
Delta R.T. -0.01 min

Lab File: BG042488.D

Acq: 25 Aug 2019 21:32

Tgt Ion:	94	Resp:	8609
Ion	Ratio	Lower	Upper
94	100		
65	34.7	5.6	45.6
66	52.8	16.0	56.0





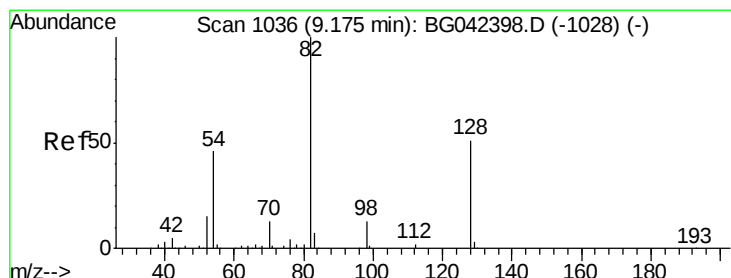
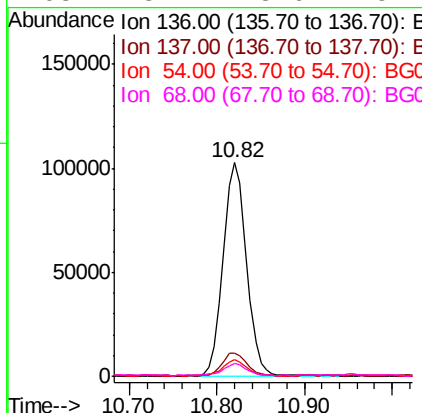
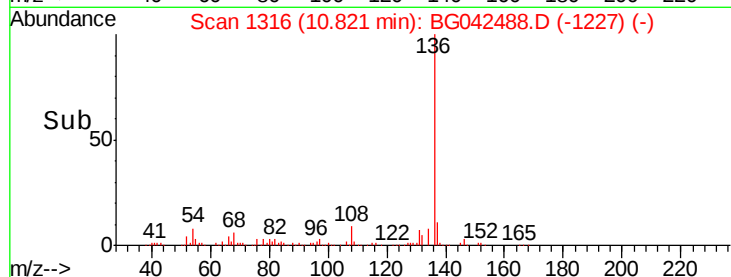
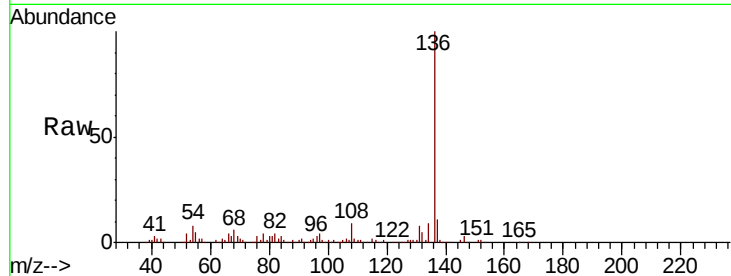
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042488.D
Acq: 25 Aug 2019 21:32

Instrument :
BNA_G
ClientSampleId :
SIDEWALL-3

Tot Ion	Ratio	Resp	Lower	Upper
136	100	190615		
137	10.6	8.7	13.1	
54	8.1	4.9	7.3	
68	5.7	3.6	5.4	

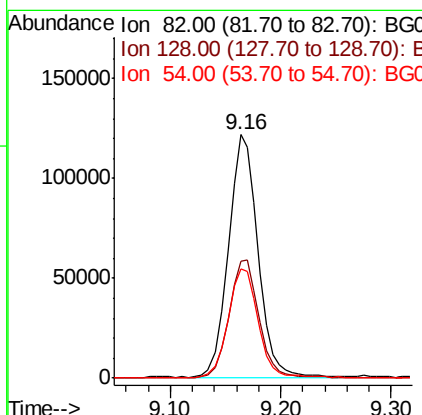
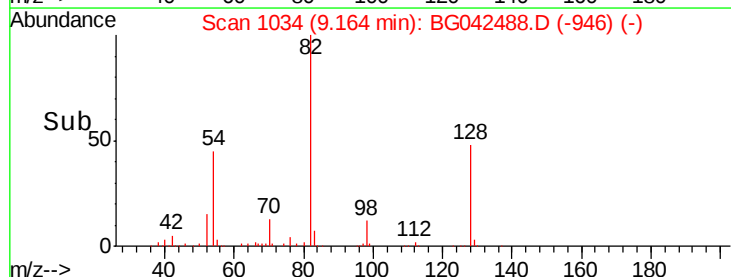
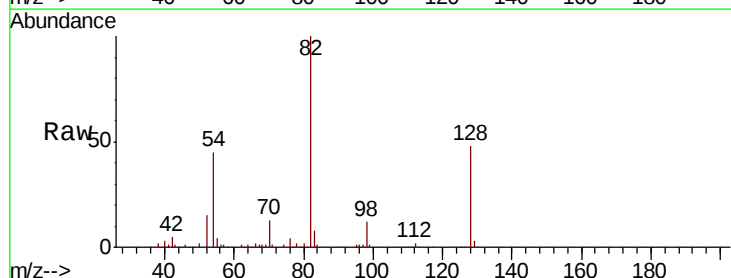
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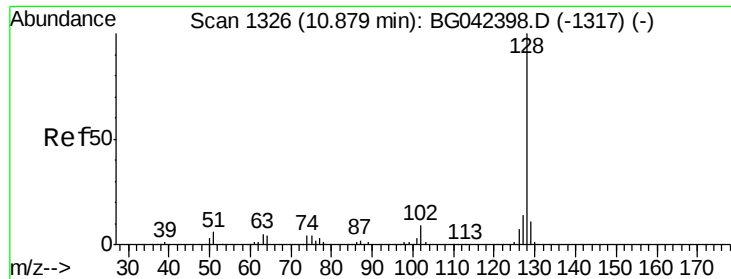
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#23
Nitrobenzene-d5
Concen: 81.918 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042488.D
Acq: 25 Aug 2019 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	225962		
128	48.2	40.7	61.1	
54	44.8	36.3	54.5	





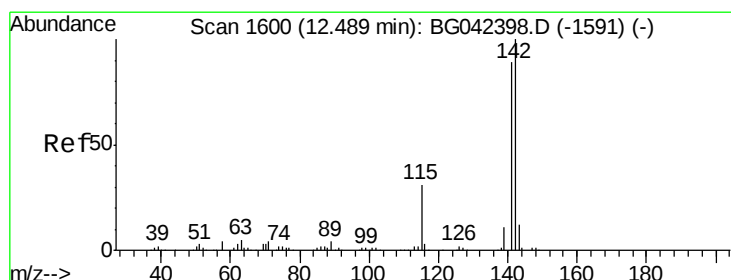
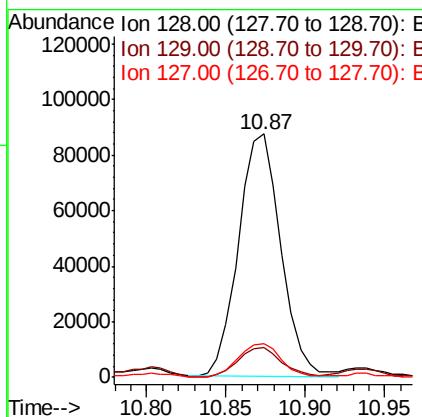
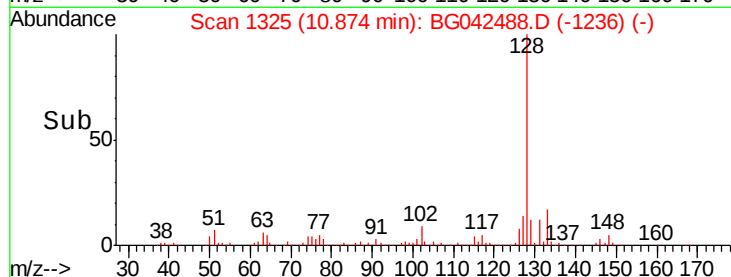
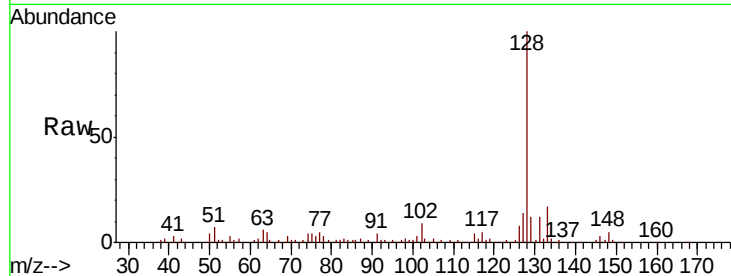
#31
Naphthalene
Concen: 18.323 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042488.D
Acq: 25 Aug 2019 21:32

Instrument :
BNA_G
ClientSampleId :
SIDEWALL-3

Tot Ion	Ratio	Resp	Lower	Upper
128	100	162153		
129	12.2	8.8	13.2	
127	13.7	11.4	17.0	

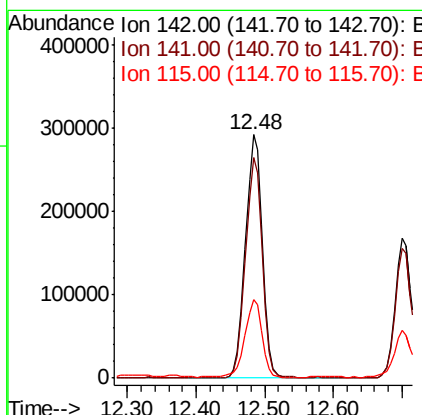
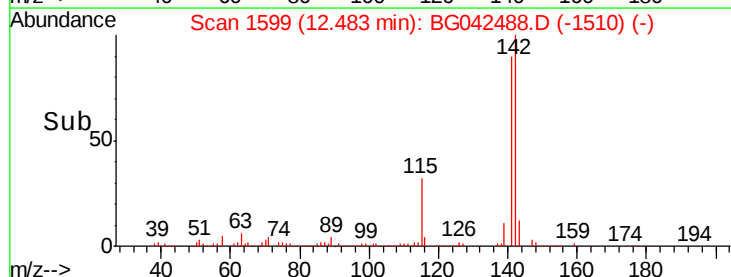
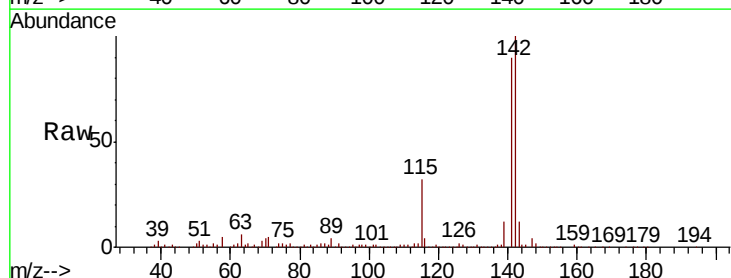
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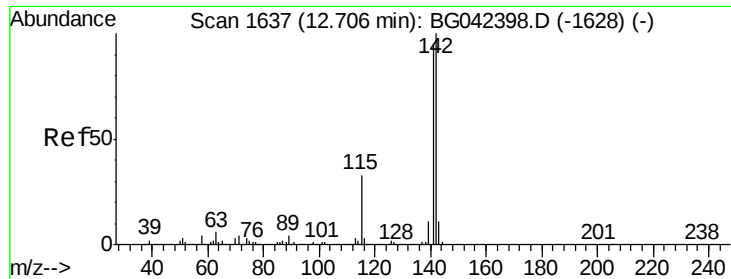
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#37
2-Methylnaphthalene
Concen: 70.628 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042488.D
Acq: 25 Aug 2019 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	501880		
141	90.3	71.4	107.2	
115	32.0	25.2	37.8	





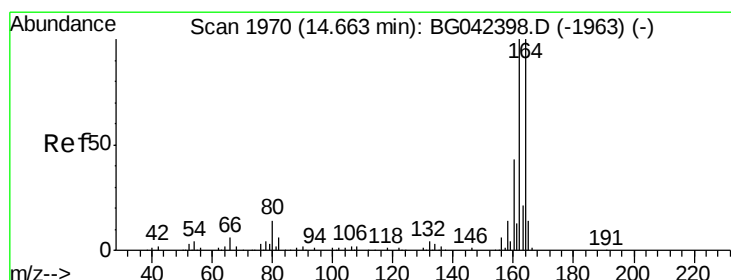
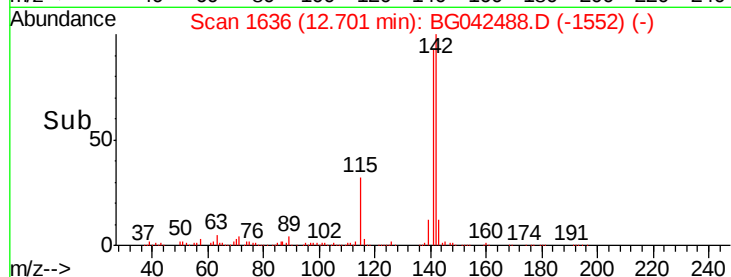
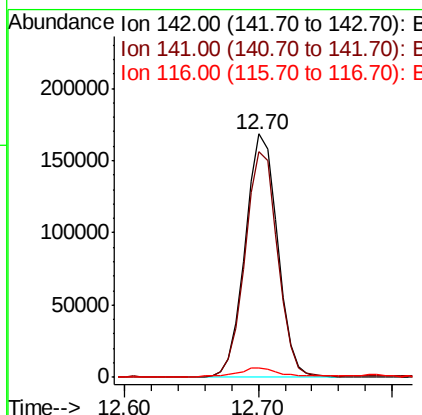
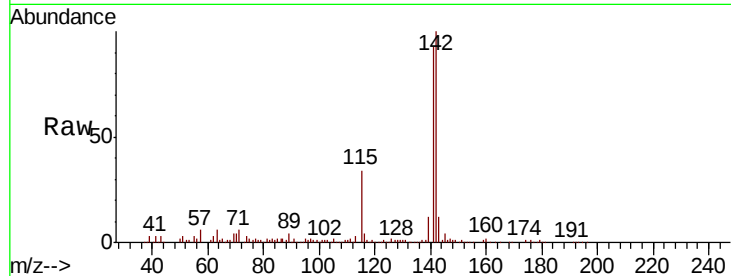
#38
1-Methylnaphthalene
Concen: 41.527 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042488.D
Acq: 25 Aug 2019 21:32

Instrument :
BNA_G
ClientSampleId :
SIDEWALL-3

Tot Ion	Ratio	Resp	Lower	Upper
142	100	280293		
141	92.8		76.2	114.2
116	3.9		2.8	4.2

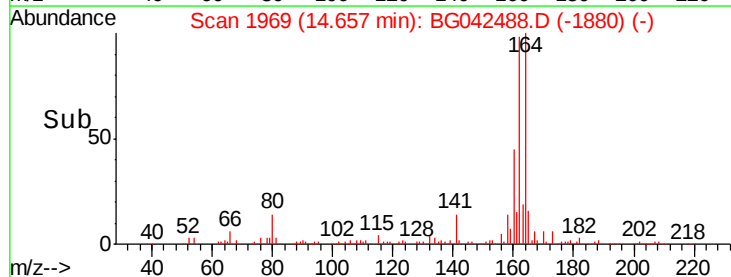
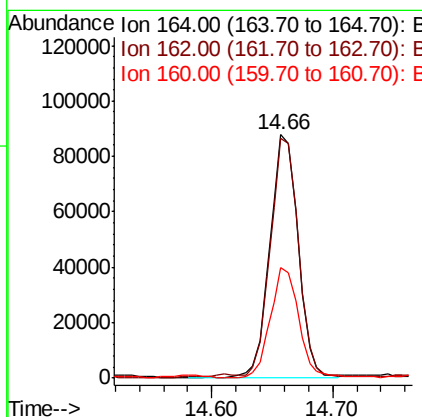
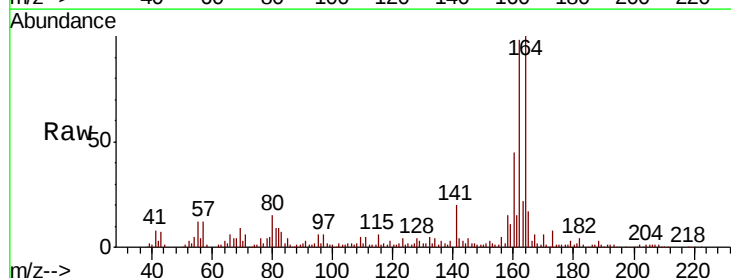
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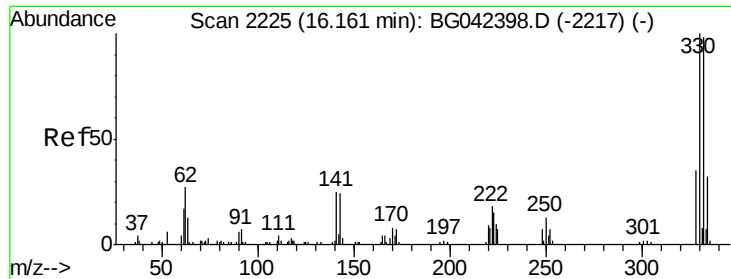
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042488.D
Acq: 25 Aug 2019 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	141123		
162	98.5		79.9	119.9
160	45.2		34.3	51.5





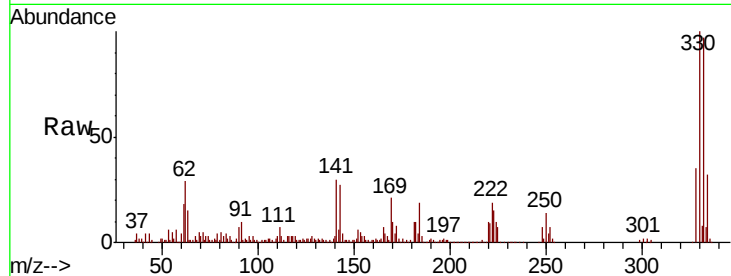
#42
 2,4,6-Tribromophenol
 Concen: 113.750 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

Instrument :
 BNA_G
 ClientSampleId :
 SIDEWALL-3

Tot Ion	Ratio	Resp	Lower	Upper
330	100	228163		
332	97.1		77.4	116.0
141	33.0		21.4	32.0

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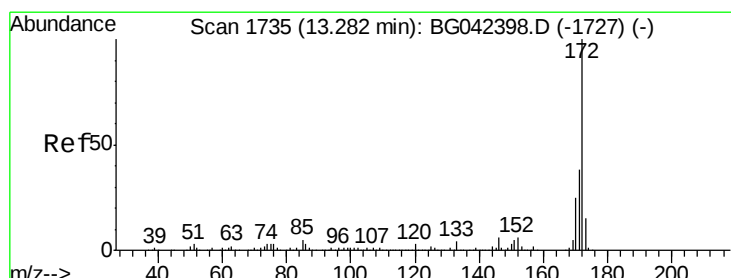
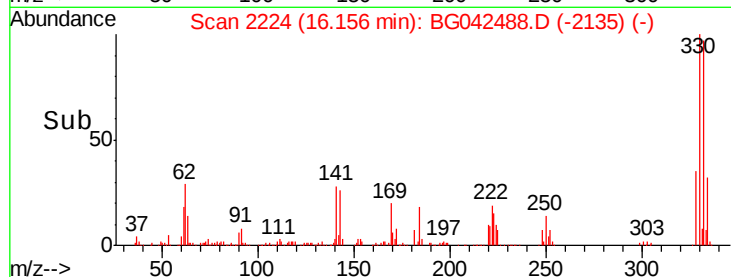
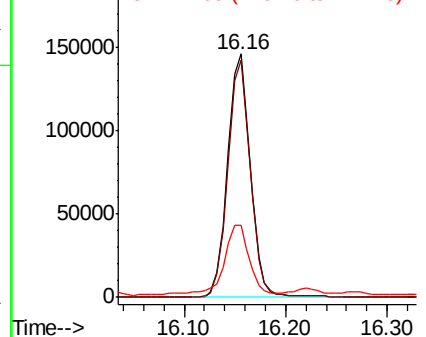


Abundance

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: 77.773 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

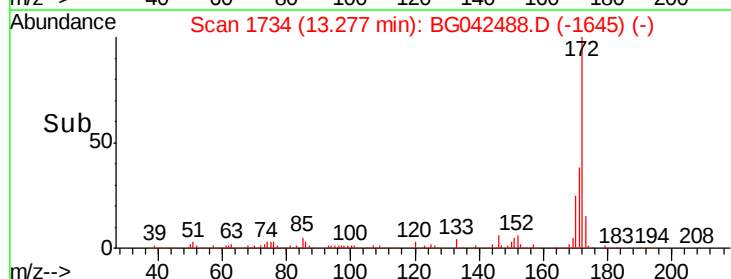
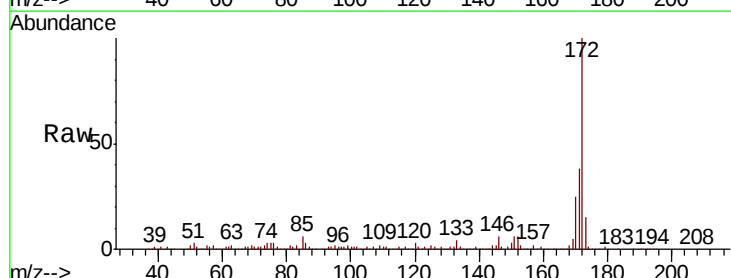
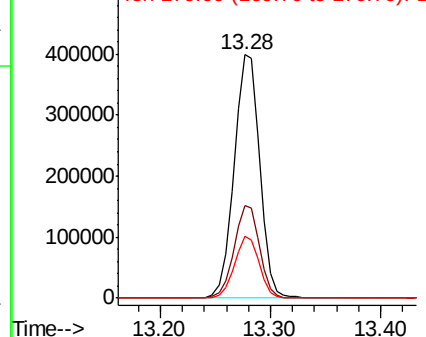
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	648944		
171	38.0		30.5	45.7
170	25.5		20.2	30.2

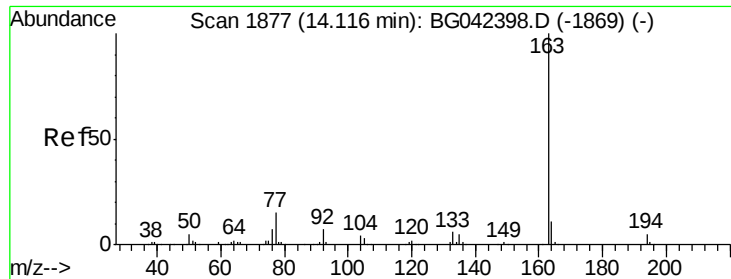
Abundance

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





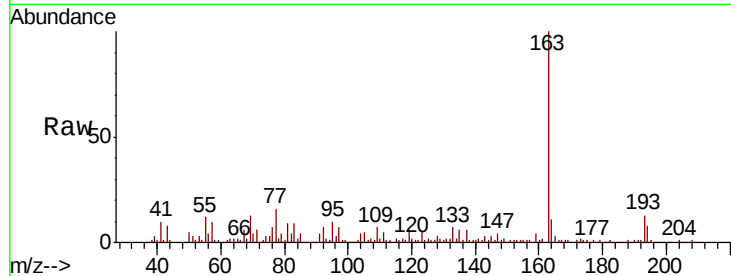
#50
Dimethylphthalate
Concen: 10.103 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042488.D
Acq: 25 Aug 2019 21:32

Instrument :
BNA_G
ClientSampleId :
SIDEWALL-3

Tot Ion	Ratio	Lower	Upper
163	100		
194	7.5	4.2	6.2#
164	11.4	8.8	13.2

Manual Integrations
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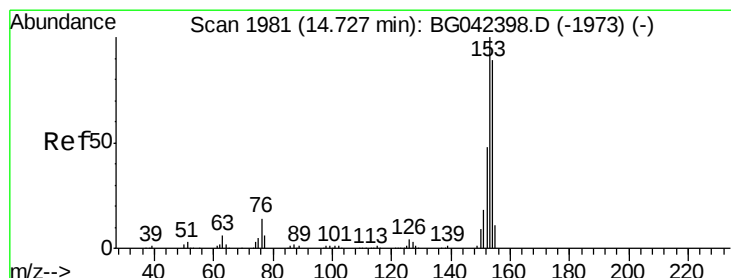
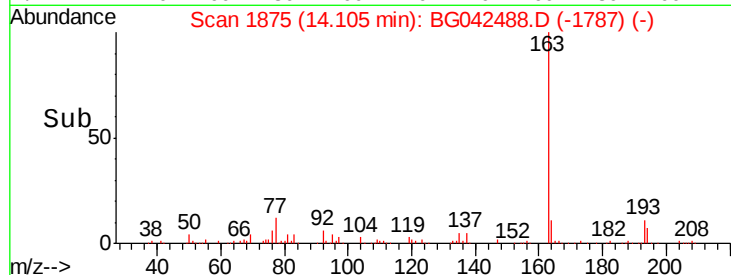
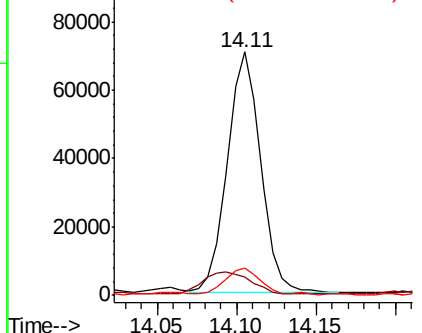


Abundance

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



#52
Acenaphthene
Concen: 3.467 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG042488.D
Acq: 25 Aug 2019 21:32

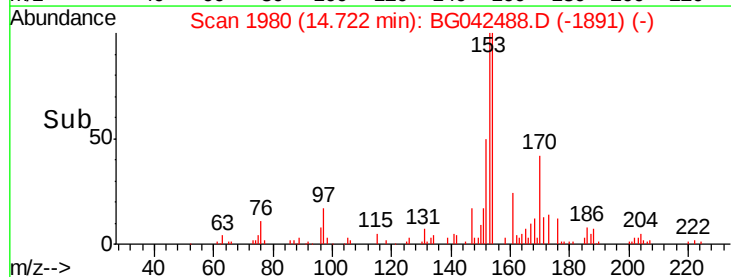
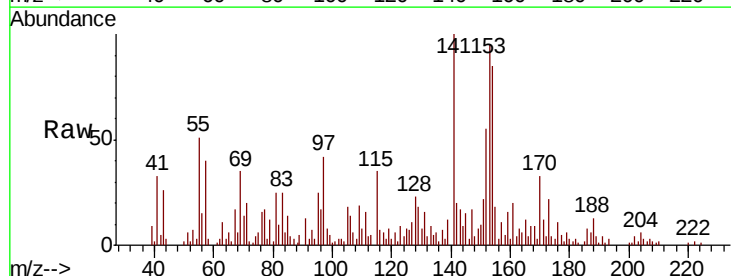
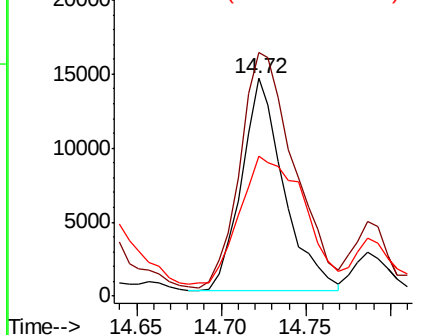
Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.2	135.4
152	64.5	43.2	64.8

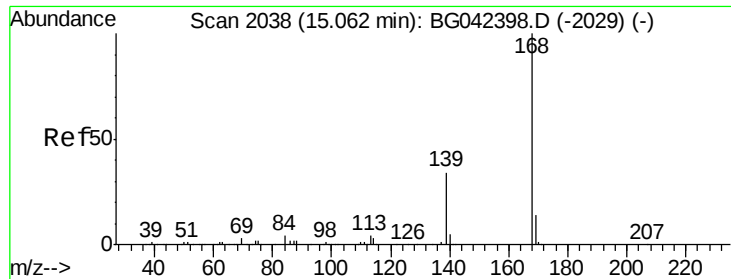
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#55

Dibenzenofuran

Concen: 3.127 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG042488.D

Acq: 25 Aug 2019 21:32

Instrument :

BNA_G

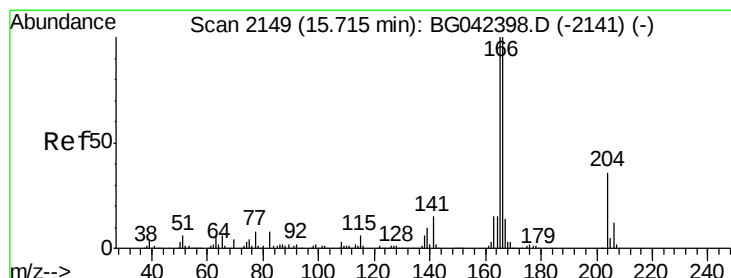
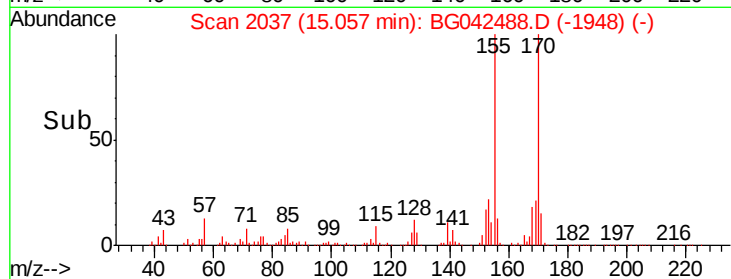
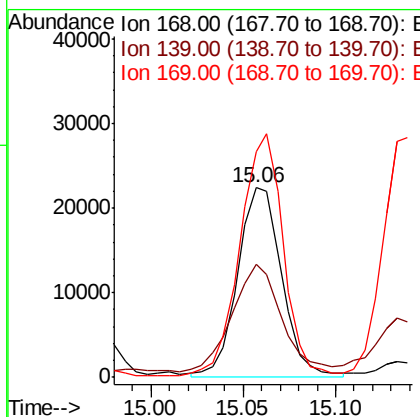
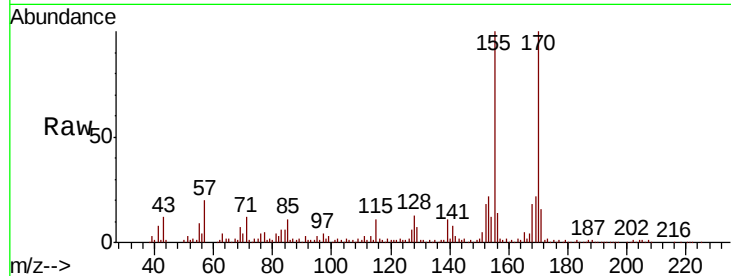
ClientSampleId :

SIDEWALL-3

Tot Ion:168	Resp:	37195
Ion Ratio	Lower	Upper
168	100	
139	59.8	27.2 40.8#
169	118.7	11.5 17.3#

Manual Integrations
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#58

Fluorene

Concen: 6.088 ng

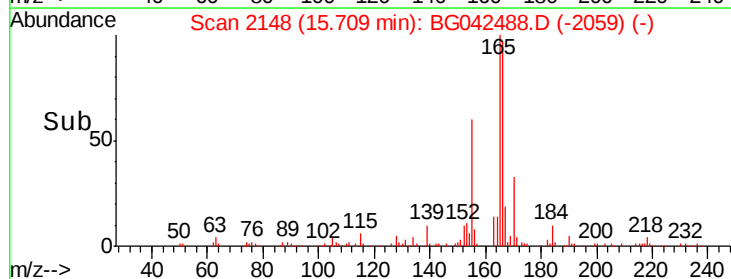
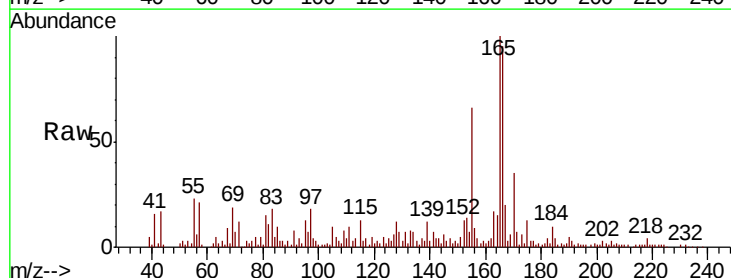
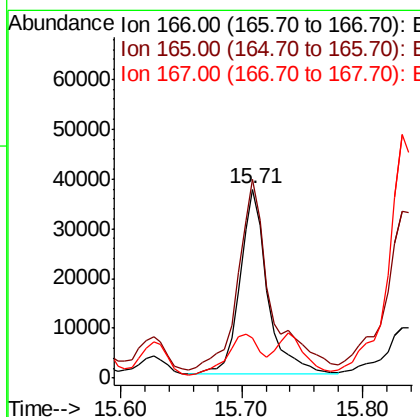
RT: 15.71 min Scan# 2148

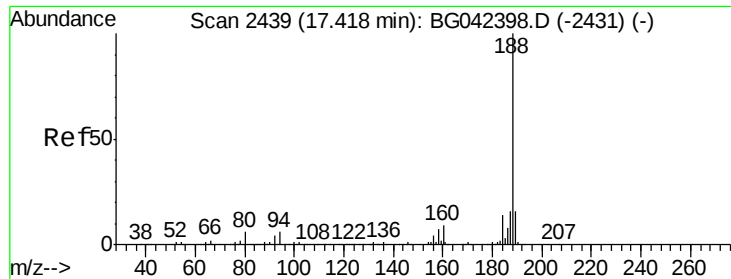
Delta R.T. -0.01 min

Lab File: BG042488.D

Acq: 25 Aug 2019 21:32

Tgt Ion:166	Resp:	59193
Ion Ratio	Lower	Upper
166	100	
165	105.0	79.7 119.5
167	21.1	10.9 16.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042488.D

Acq: 25 Aug 2019 21:32

Instrument :

BNA_G

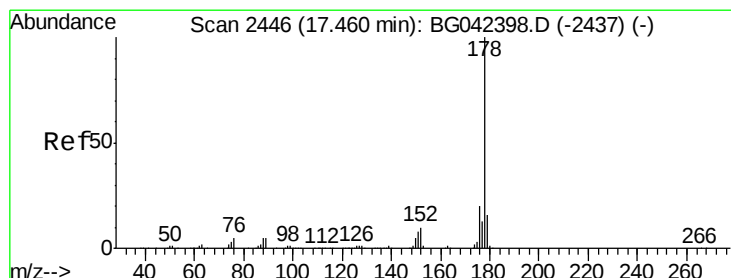
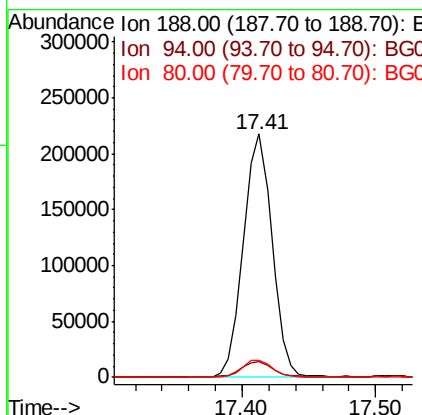
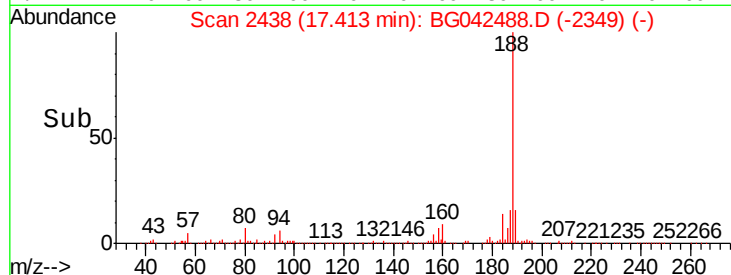
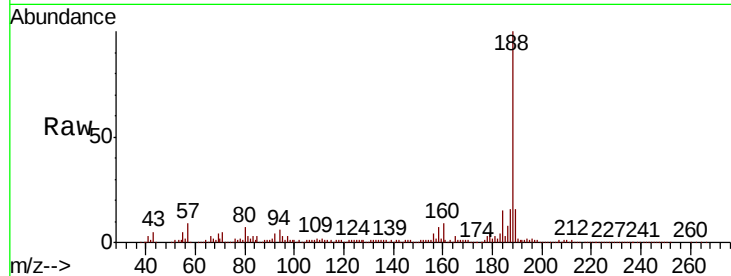
ClientSampleId :

SIDEWALL-3

Tot Ion:	188	Resp:	321772
Ion Ratio	Lower	Upper	
188	100		
94	6.5	4.5	6.7
80	6.9	4.9	7.3

Manual Integrations
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#71

Phenanthrene

Concen: 15.546 ng

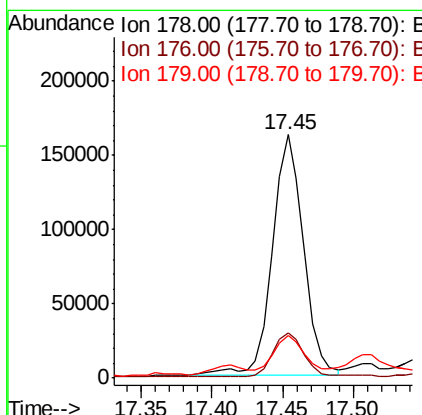
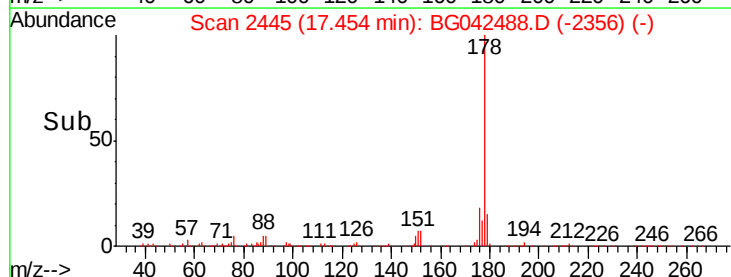
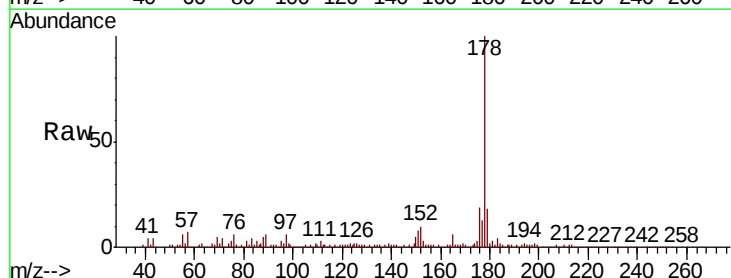
RT: 17.45 min Scan# 2445

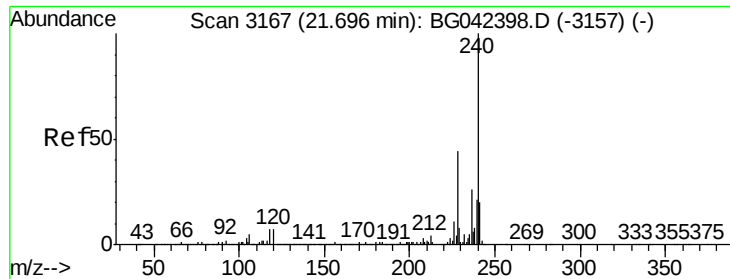
Delta R.T. -0.01 min

Lab File: BG042488.D

Acq: 25 Aug 2019 21:32

Tgt Ion:	178	Resp:	248473
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.9	23.9
179	17.5	12.7	19.1





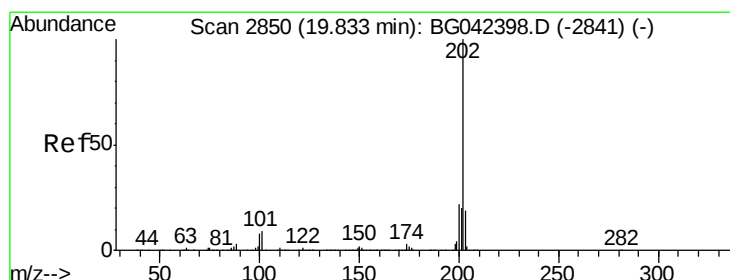
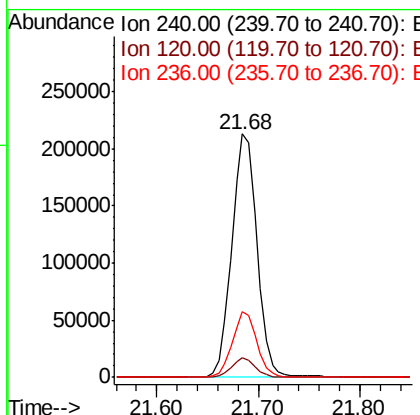
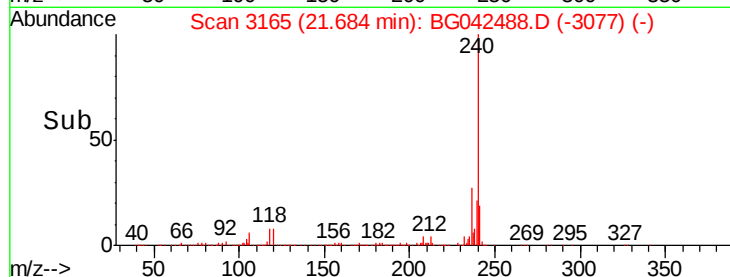
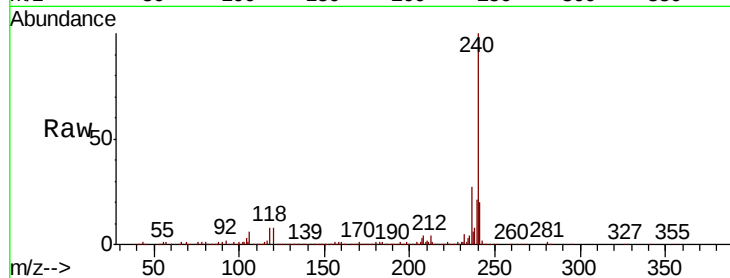
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042488.D
Acq: 25 Aug 2019 21:32

Instrument :
BNA_G
ClientSampleId :
SIDEWALL-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.8	5.7	8.5
236	26.7	21.0	31.4

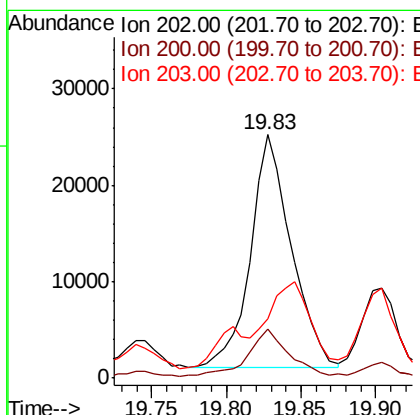
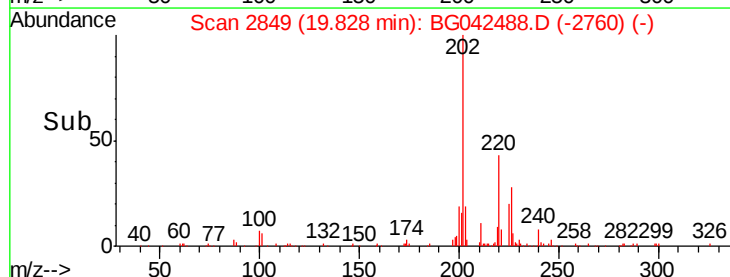
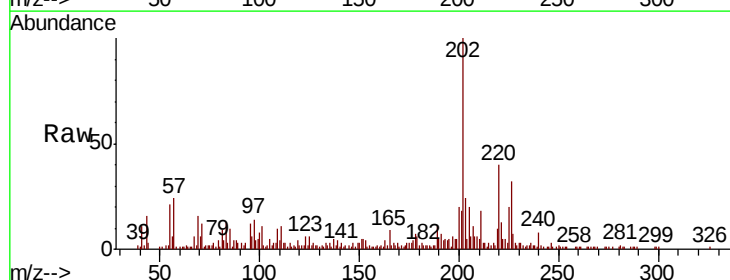
Manual Integrations
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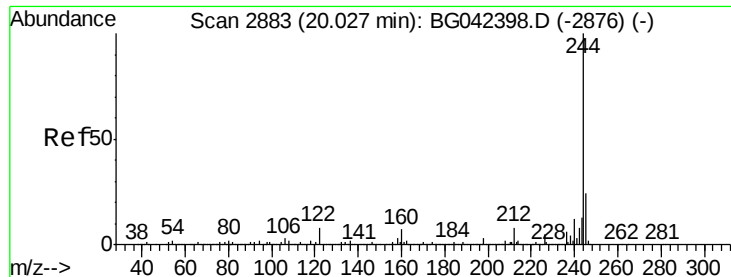
mohammad
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#78
Pyrene
Concen: 2.025 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG042488.D
Acq: 25 Aug 2019 21:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.8	26.6
203	24.3	15.5	23.3





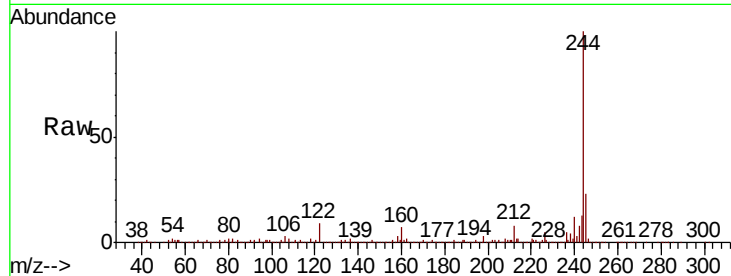
#79
 Terphenyl-d14
 Concen: 69.351 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

Instrument :
 BNA_G
 ClientSampleId :
 SIDEWALL-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	9.0	6.7	10.1

Manual Integrations
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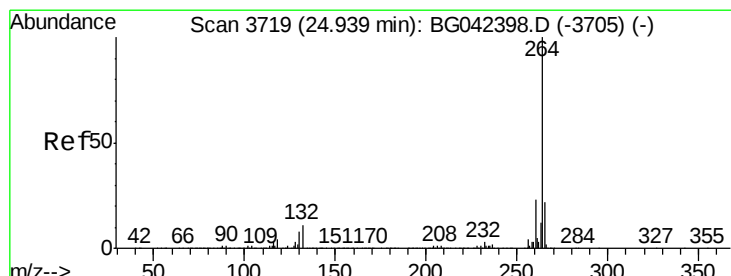
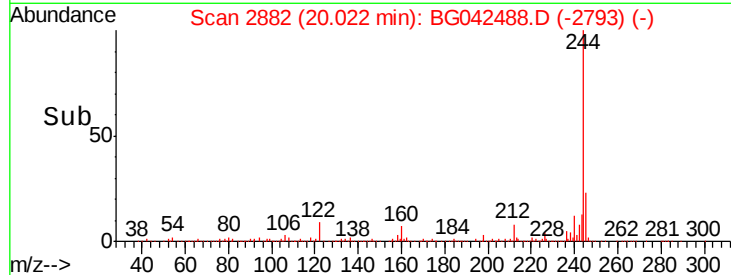
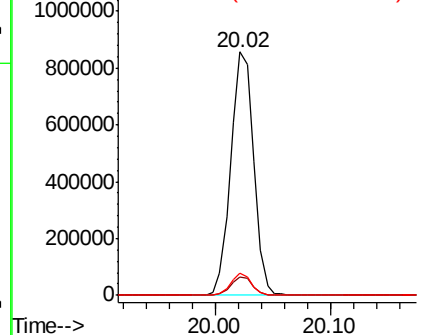


Abundance

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: 24.93 min Scan# 3717
 Delta R.T. -0.01 min
 Lab File: BG042488.D
 Acq: 25 Aug 2019 21:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	21.8	17.6	26.4

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

