

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062620\
 Data File : BG045872.D
 Acq On : 26 Jun 2020 14:02
 Operator : CG/JU
 Sample : L3094-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BRENNAN-FL-001

Manual Integrations
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Quant Time: Jun 26 15:33:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 15:44:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	64134	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	255188	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	172002	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	374599	20.00	ng	0.00
76) Chrysene-d12	21.57	240	318408	20.00	ng	0.00
86) Perylene-d12	24.70	264	358622	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	346876	91.36	ng	0.00
7) Phenol-d6	7.13	99	512373	88.72	ng	0.00
23) Nitrobenzene-d5	9.08	82	345725	61.89	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	236257	90.98	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	778970	66.55	ng	0.00
79) Terphenyl-d14	19.93	244	1119117	71.23	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.01	163	137810	10.227	ng	98
71) Phenanthrene	17.36	178	109375	5.661	ng	99
75) Fluoranthene	19.37	202	119892	5.047	ng	99
78) Pyrene	19.73	202	112525	5.277	ng	97
81) Benzo(a)anthracene	21.55	228	50864m	2.464	ng	
83) Chrysene	21.61	228	46986	2.353	ng	97
88) Benzo(b)fluoranthene	23.71	252	55721	2.478	ng	93
90) Benzo(a)pyrene	24.56	252	44166	2.103	ng	97

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

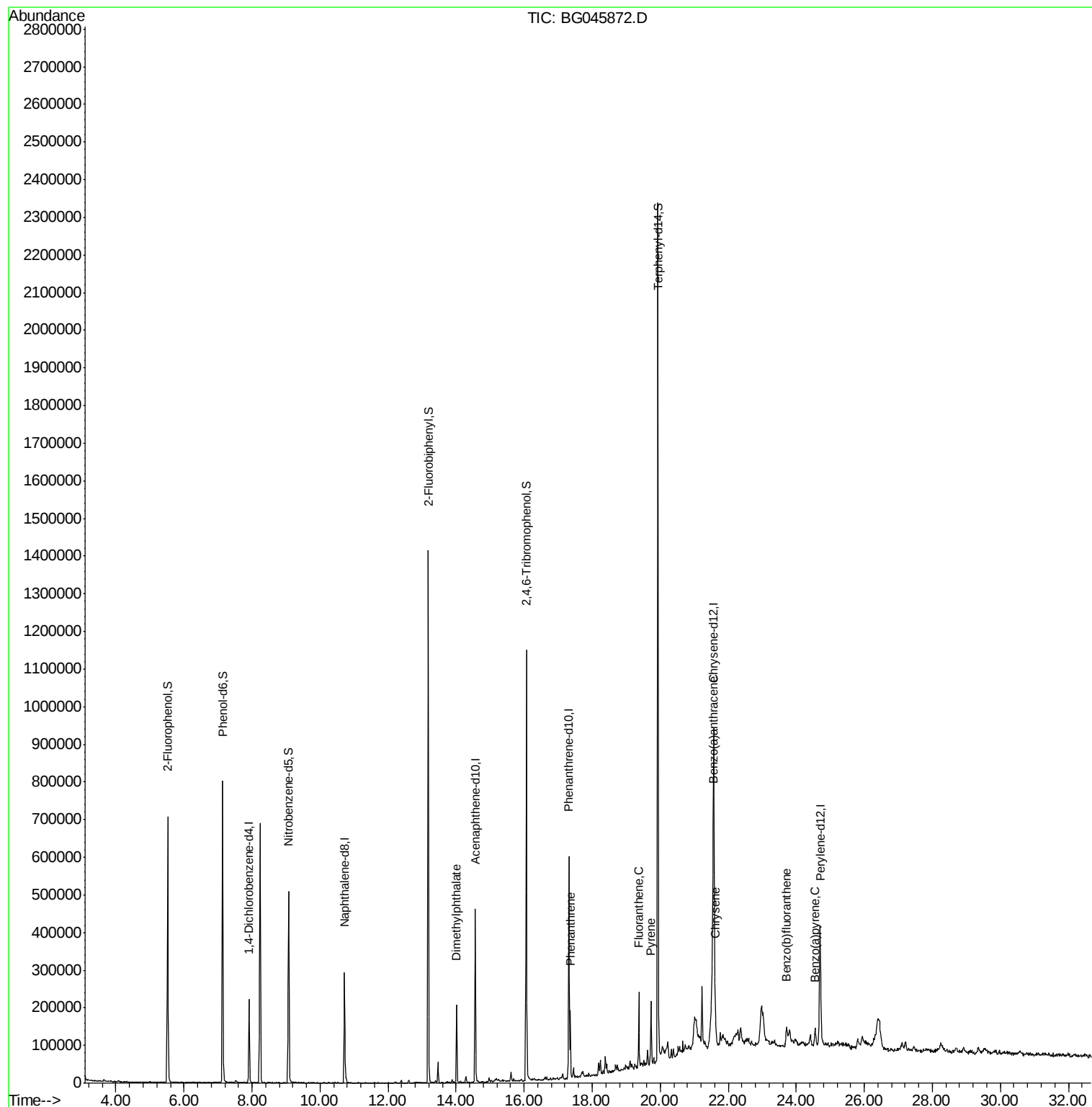
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062620\
Data File : BG045872.D
Acq On : 26 Jun 2020 14:02
Operator : CG/JU
Sample : L3094-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 15:44:32 2020
Response via : Initial Calibration





#1

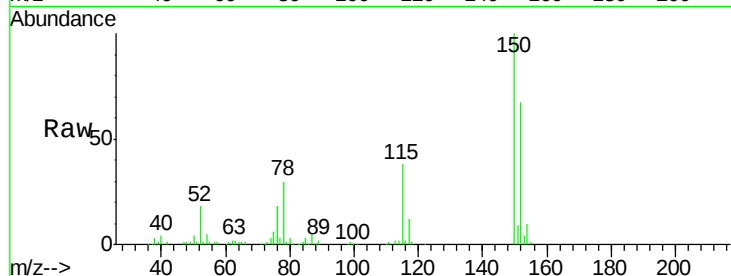
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.01 min
Lab File: BG045872.D
Acq: 26 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	113.1	169.7
115	57.6	43.8	65.6

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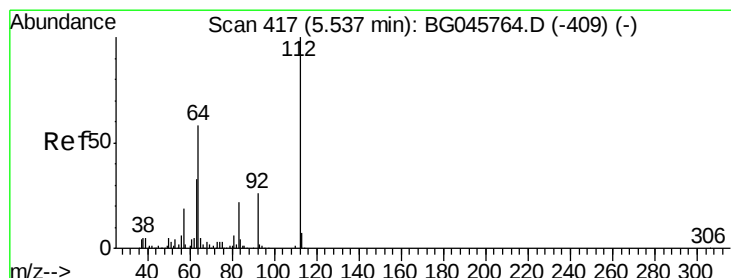
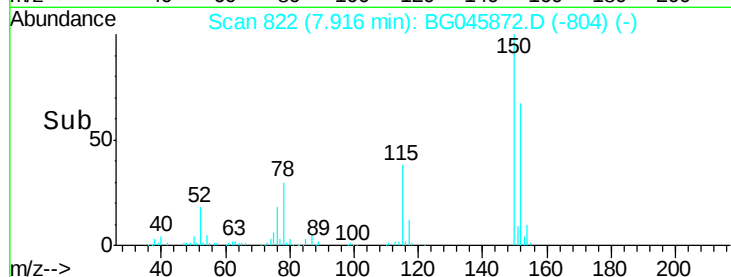
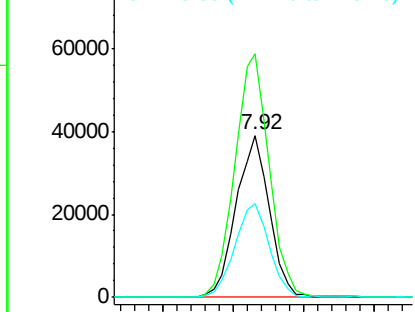


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

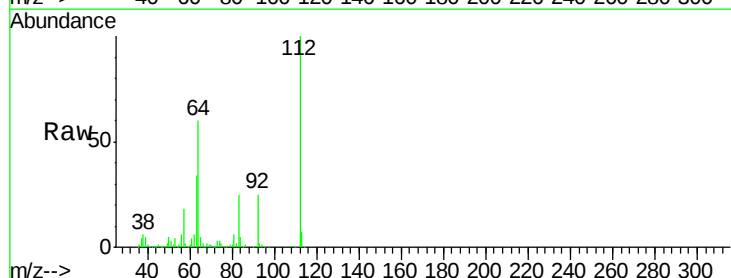
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.364 ng
RT: 5.52 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG045872.D
Acq: 26 Jun 2020 14:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	46.6	69.8
63	33.8	26.3	39.5

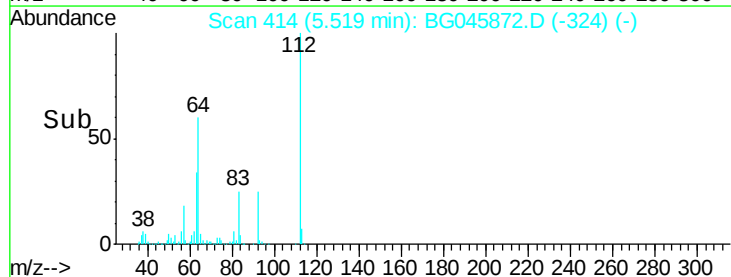
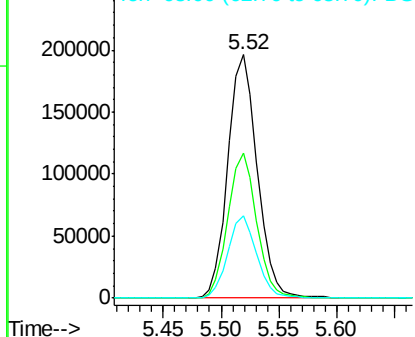


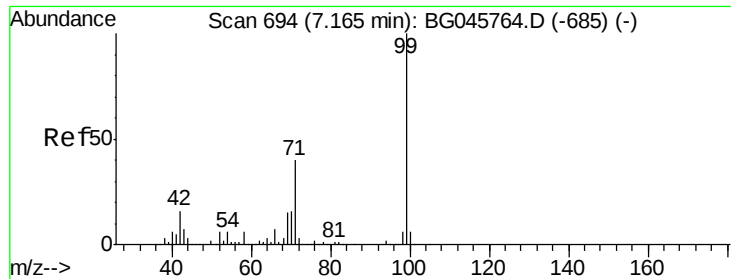
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 88.723 ng

RT: 7.13 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG045872.D

Acq: 26 Jun 2020 14:02

Instrument :

BNA_G

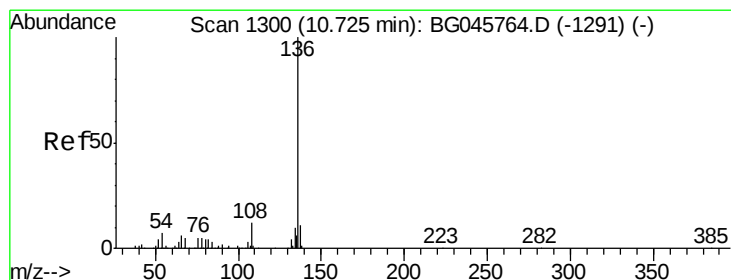
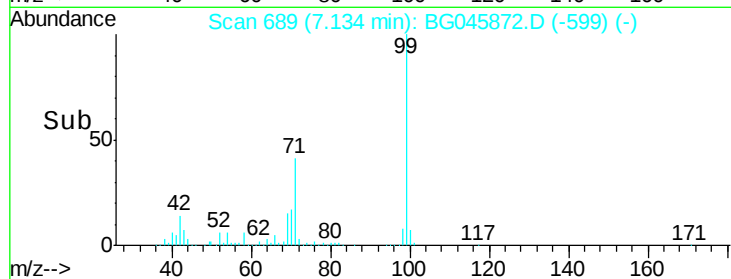
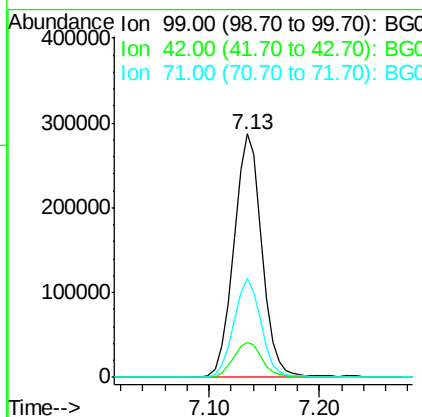
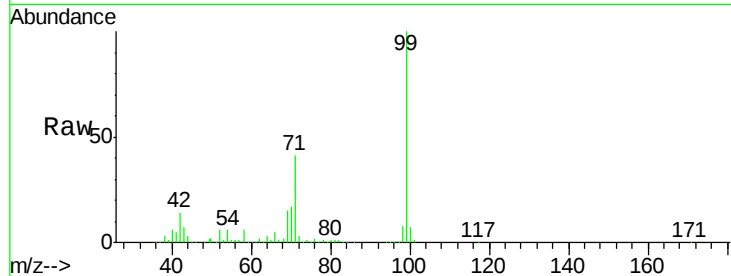
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		512373		
42	14.2	12.4	18.6		
71	40.5	32.1	48.1		

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#21

Naphthalene-d8

Concen: 20.000 ng

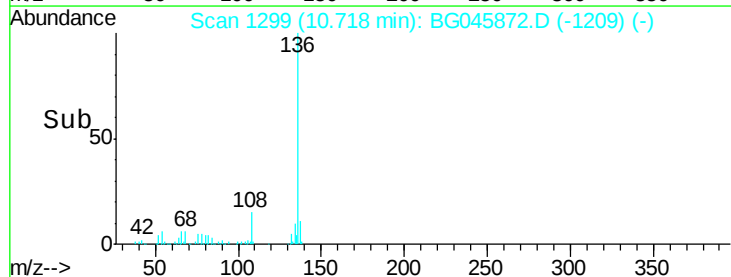
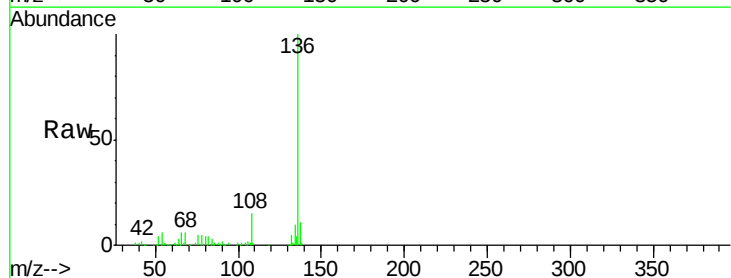
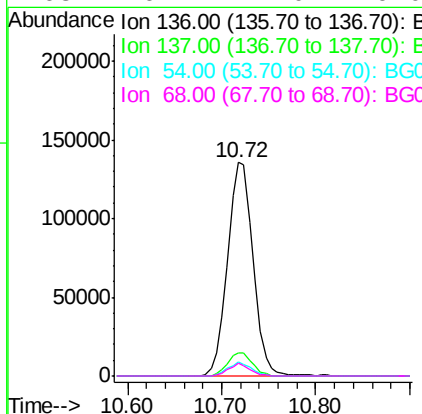
RT: 10.72 min Scan# 1299

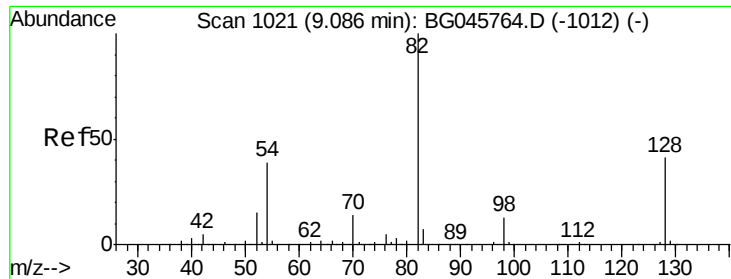
Delta R.T. 0.00 min

Lab File: BG045872.D

Acq: 26 Jun 2020 14:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		255188		
137	10.9	8.7	13.1		
54	6.5	5.8	8.6		
68	6.2	4.0	6.0#		





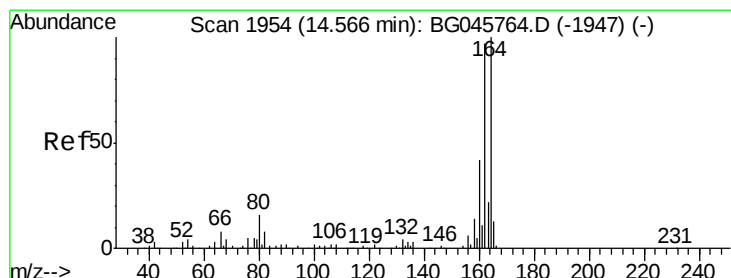
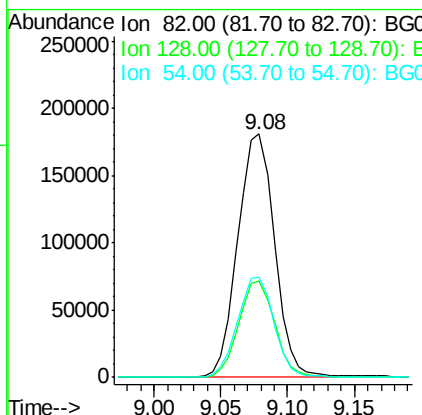
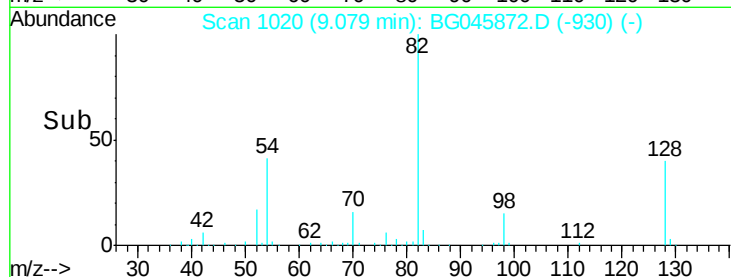
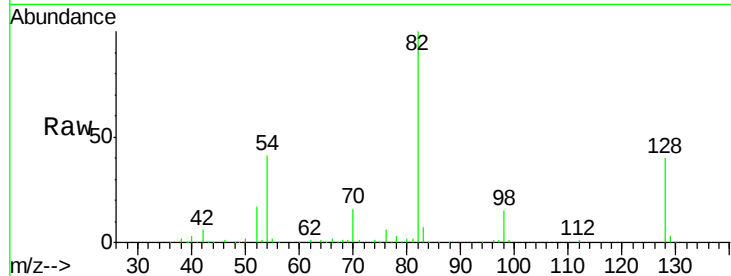
#23
Nitrobenzene-d5
Concen: 61.891 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BG045872.D
Acq: 26 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.5	48.7
54	41.0	31.2	46.8

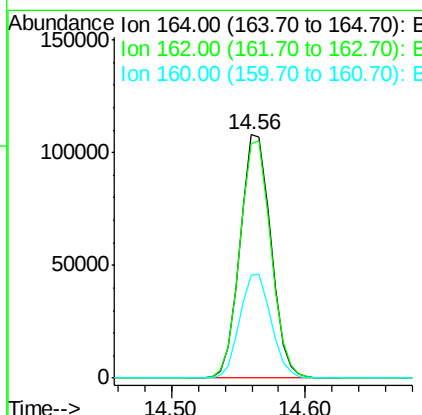
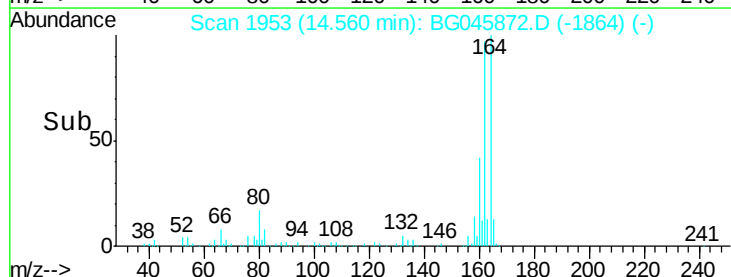
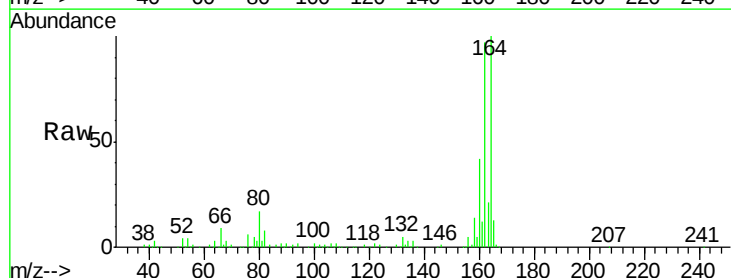
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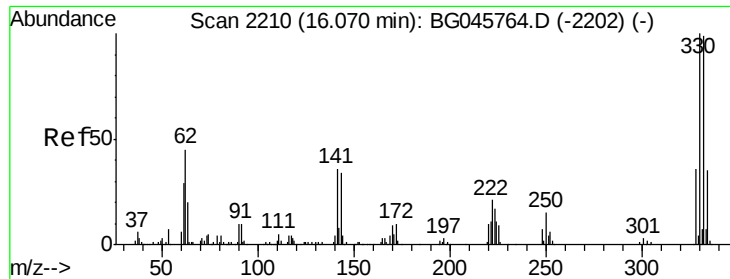
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG045872.D
Acq: 26 Jun 2020 14:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.5	77.4	116.0
160	42.1	33.3	49.9





#42

2,4,6-Tribromophenol

Concen: 90.981 ng

RT: 16.06 min Scan# 2209

Delta R.T. 0.00 min

Lab File: BG045872.D

Acq: 26 Jun 2020 14:02

Instrument :

BNA_G

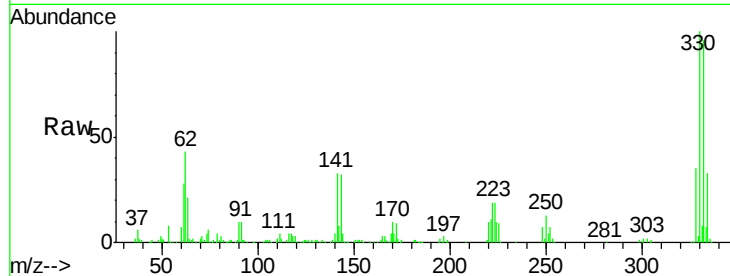
ClientSampleId :

BRENNAN-FL-001

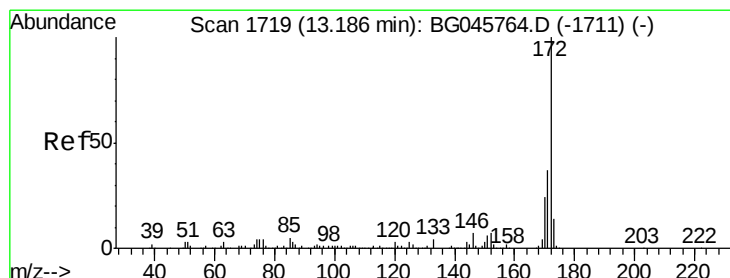
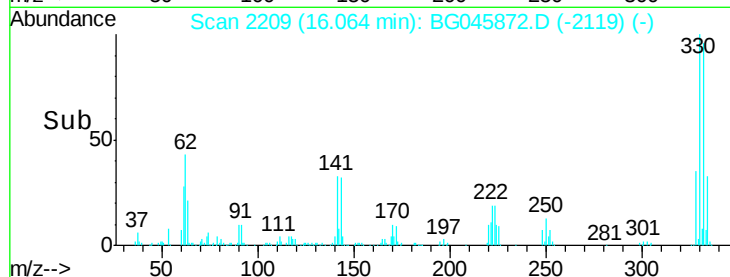
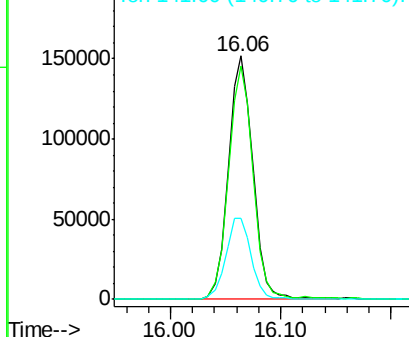
Tot Ion:	330	Resp:	236257
Ion Ratio	Lower	Upper	
330	100		
332	95.9	78.6	117.8
141	34.4	28.2	42.4

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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: 66.554 ng

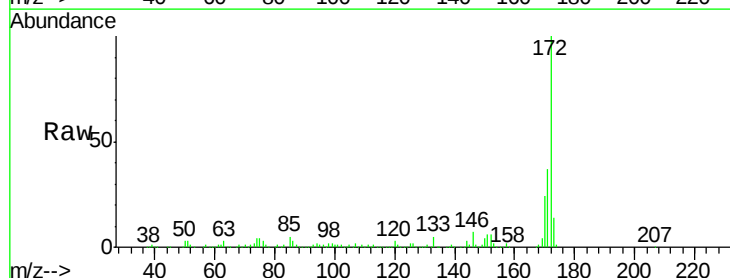
RT: 13.19 min Scan# 1719

Delta R.T. 0.00 min

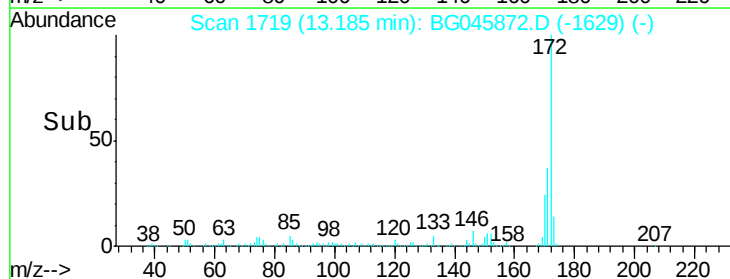
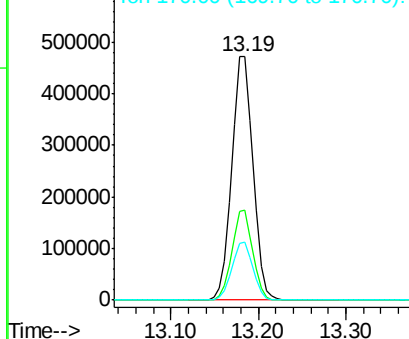
Lab File: BG045872.D

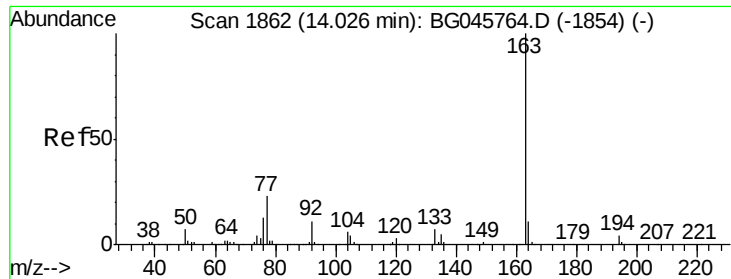
Acq: 26 Jun 2020 14:02

Tgt Ion:	172	Resp:	778970
Ion Ratio	Lower	Upper	
172	100		
171	37.1	29.9	44.9
170	23.7	19.3	28.9



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: 10.227 ng

RT: 14.01 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BG045872.D

Acq: 26 Jun 2020 14:02

Instrument :

BNA_G

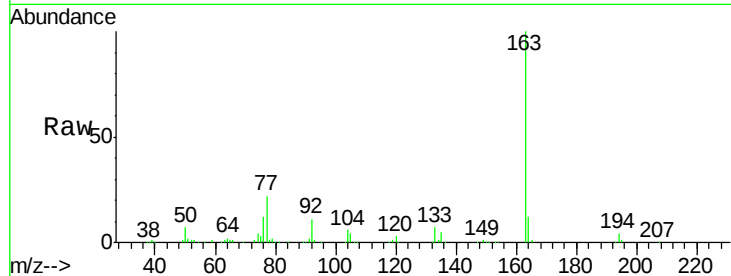
ClientSampleId :

BRENNAN-FL-001

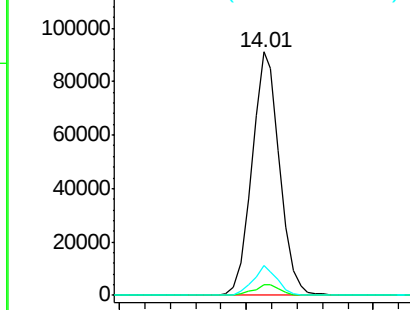
Tot Ion:	163	Resp:	137810
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.0
164	12.0	8.9	13.3

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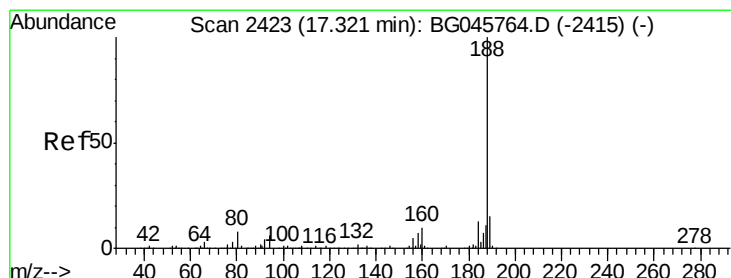
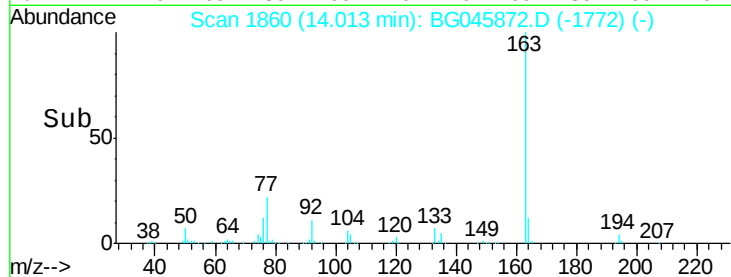
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time--> 13.90 14.00 14.10



#64

Phenanthrene-d10

Concen: 20.000 ng

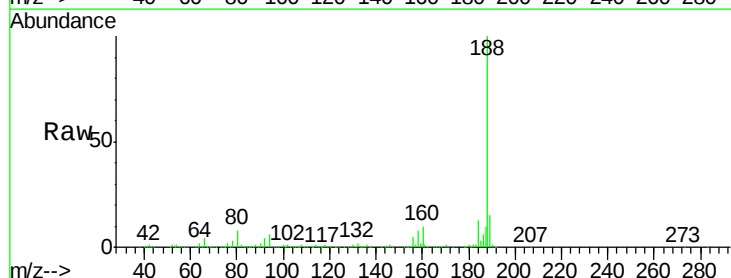
RT: 17.31 min Scan# 2422

Delta R.T. 0.00 min

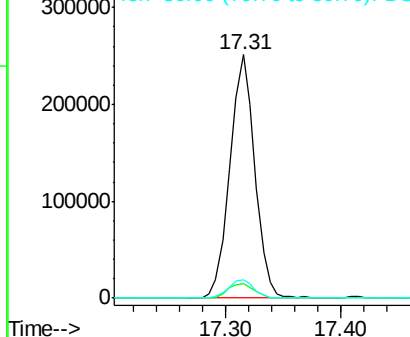
Lab File: BG045872.D

Acq: 26 Jun 2020 14:02

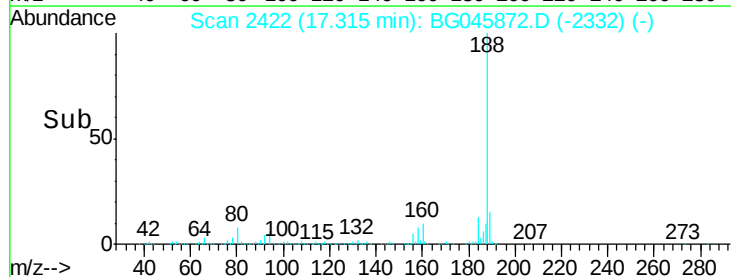
Tgt Ion:	188	Resp:	374599
Ion Ratio	Lower	Upper	
188	100		
94	6.0	5.1	7.7
80	7.6	6.2	9.4

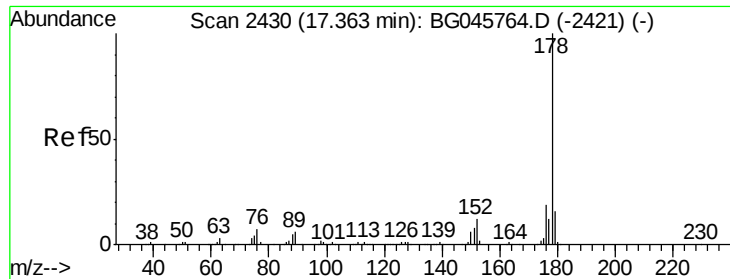


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.30 17.40





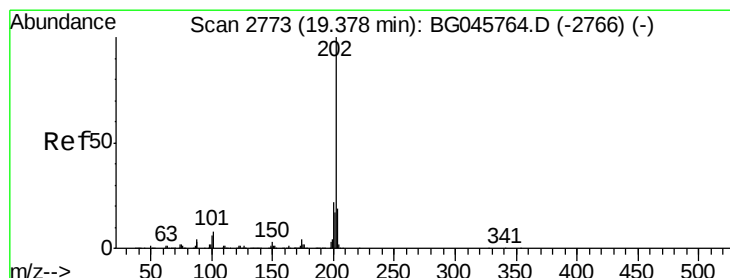
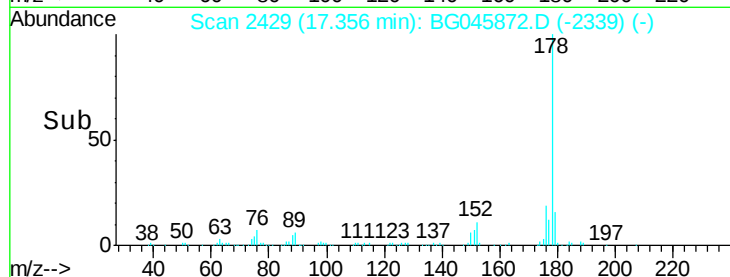
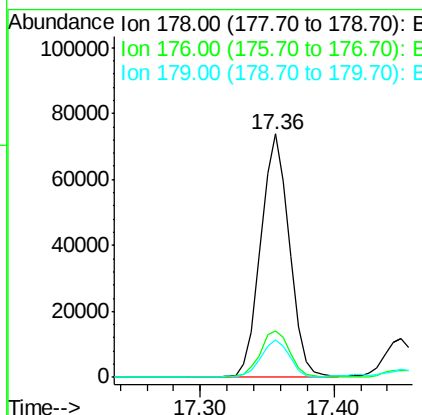
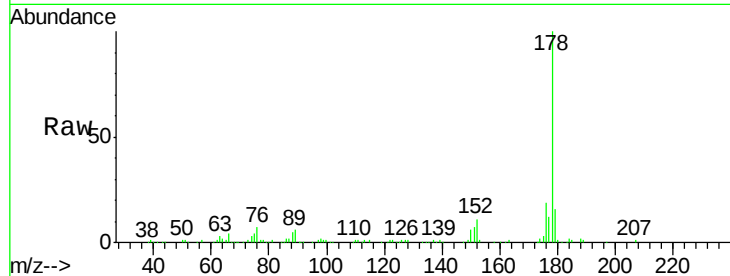
#71
Phenanthrene
Concen: 5.661 ng
RT: 17.36 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG045872.D
Acq: 26 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :
BRENNAN-FL-001

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.5	13.2	19.8

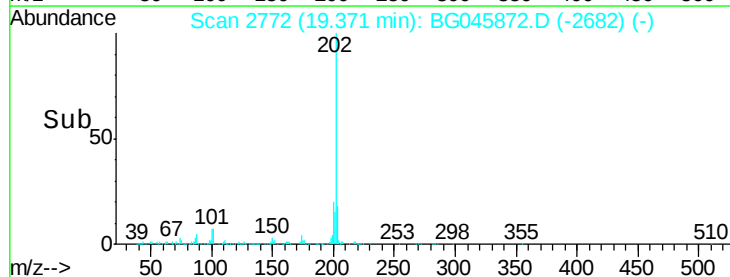
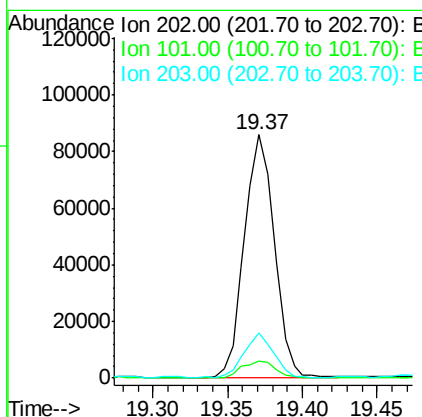
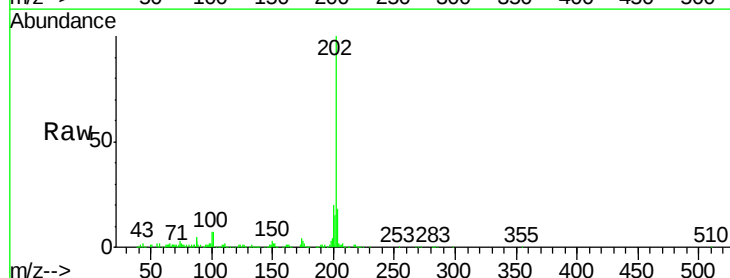
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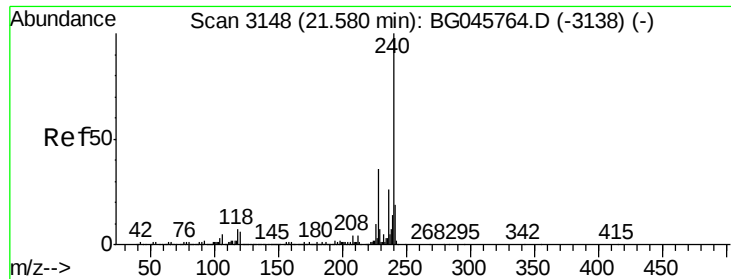
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#75
Fluoranthene
Concen: 5.047 ng
RT: 19.37 min Scan# 2772
Delta R.T. 0.00 min
Lab File: BG045872.D
Acq: 26 Jun 2020 14:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	27.7
203	18.3	0.0	38.7





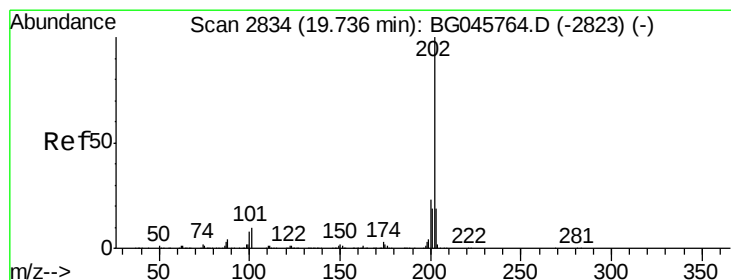
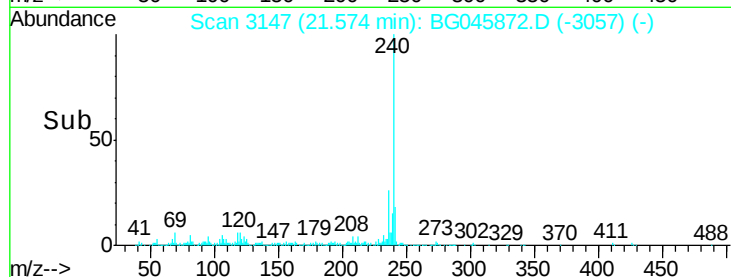
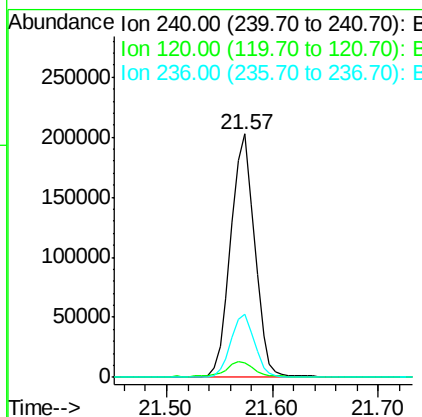
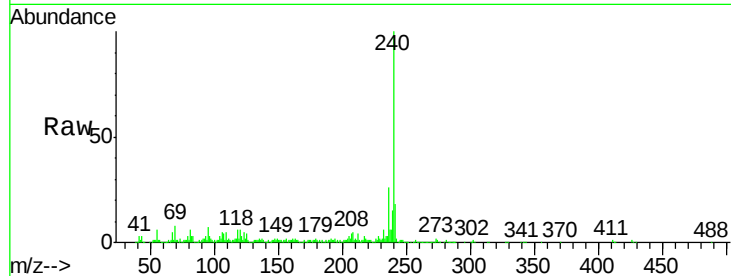
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG045872.D
Acq: 26 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :
BRENNAN-FL-001

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.0	7.4
236	26.1	20.6	30.8

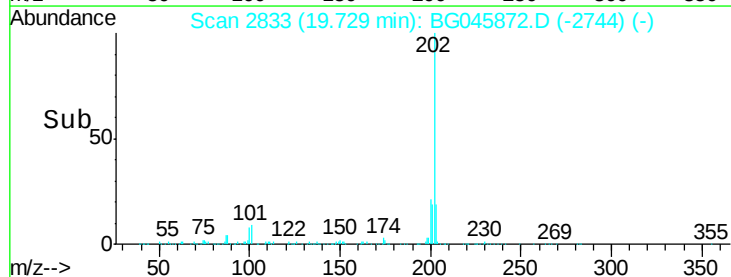
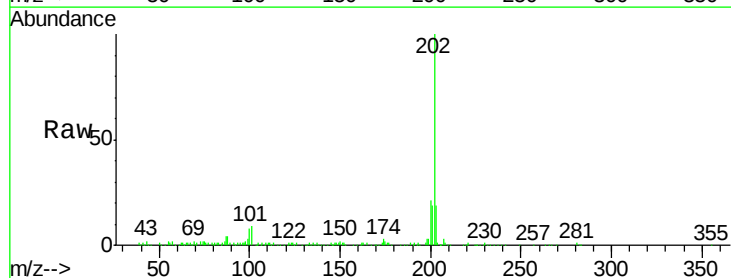
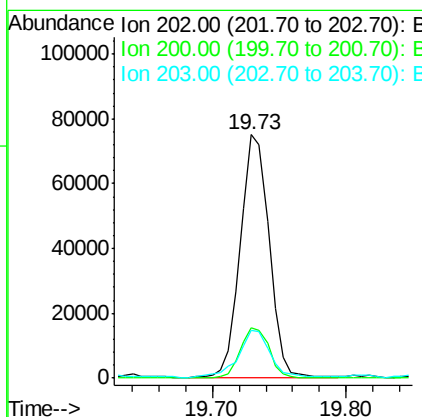
Manual Integrations
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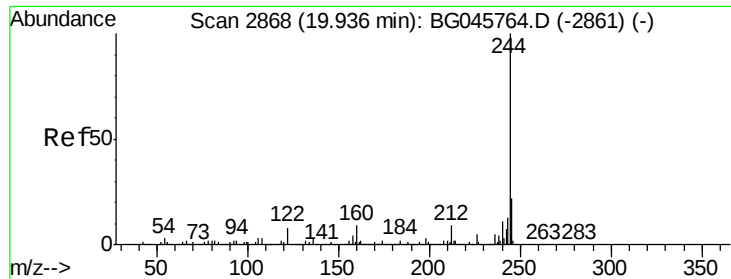
mohammad
6/29/2020 3:16:58 PM



#78
Pyrene
Concen: 5.277 ng
RT: 19.73 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BG045872.D
Acq: 26 Jun 2020 14:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	18.2	27.2
203	19.4	14.8	22.2





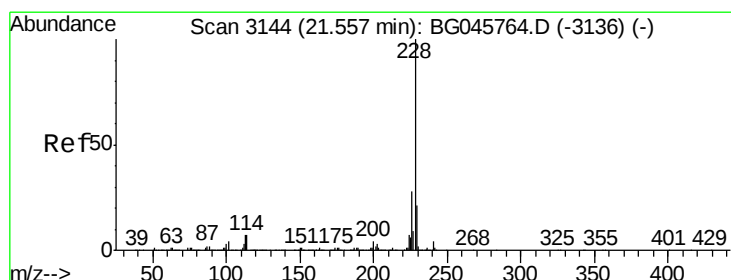
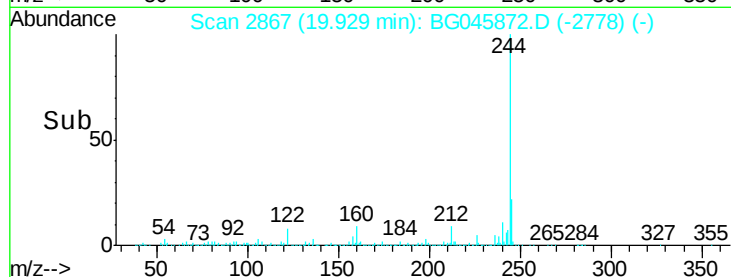
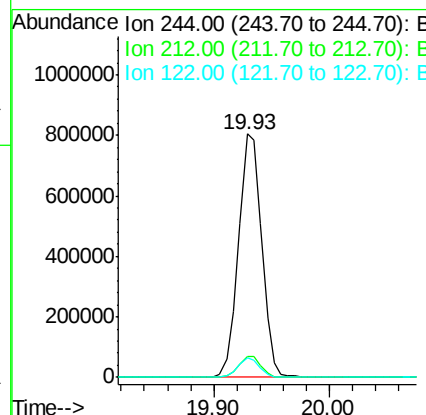
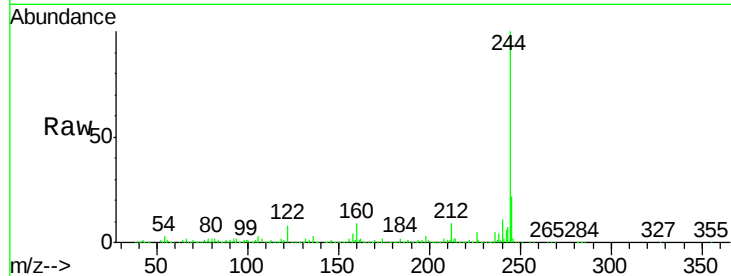
#79
 Terphenyl-d14
 Concen: 71.229 ng
 RT: 19.93 min Scan# 2867
 Delta R.T. -0.01 min
 Lab File: BG045872.D
 Acq: 26 Jun 2020 14:02

Instrument :
 BNA_G
 ClientSampleId :
 BRENNAN-FL-001

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.2	10.8
122	8.0	6.4	9.6

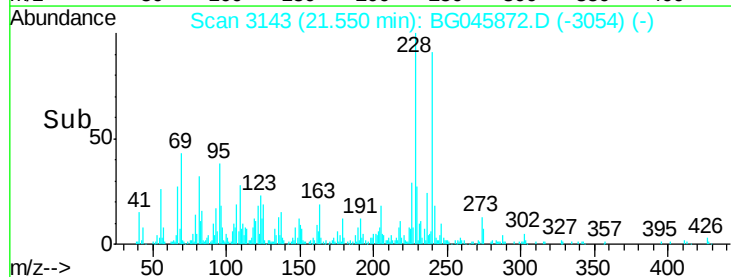
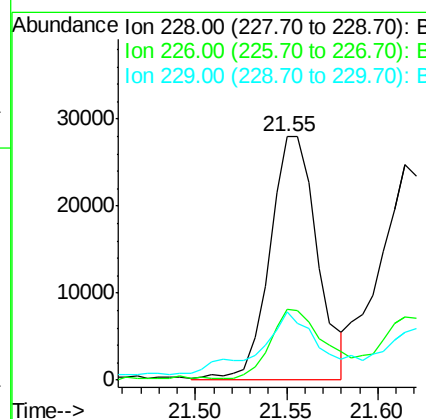
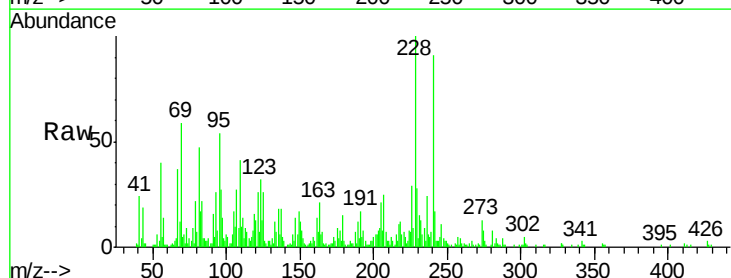
Manual Integrations
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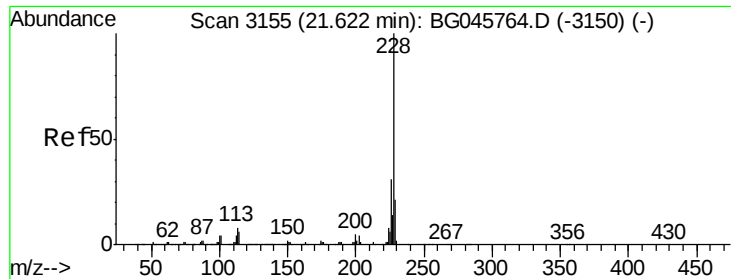
mohammad
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#81
 Benzo(a)anthracene
 Concen: 2.464 ng m
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.01 min
 Lab File: BG045872.D
 Acq: 26 Jun 2020 14:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	27.8	16.6	24.8





#83

Chrysene

Concen: 2.353 ng

RT: 21.61 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG045872.D

Acq: 26 Jun 2020 14:02

Instrument :

BNA_G

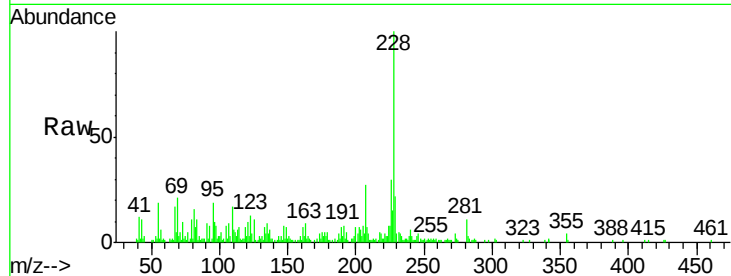
ClientSampleId :

BRENNAN-FL-001

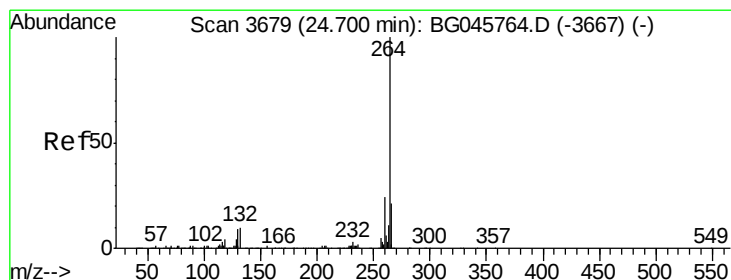
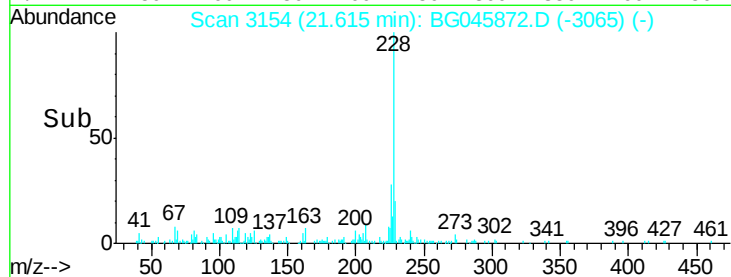
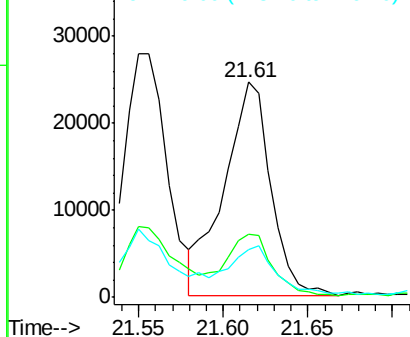
Tot Ion:	228	Resp:	46986
Ion Ratio	Lower	Upper	
228	100		
226	29.6	25.1	37.7
229	22.0	16.4	24.6

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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

Perylene-d12

Concen: 20.000 ng

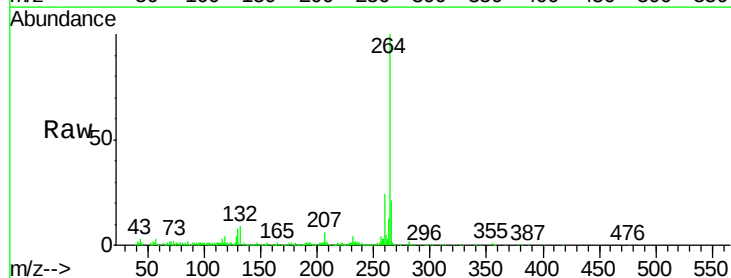
RT: 24.70 min Scan# 3680

Delta R.T. 0.01 min

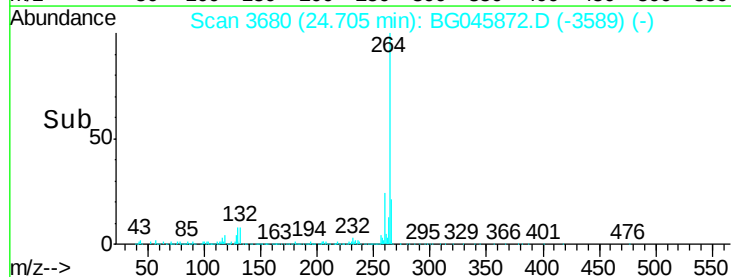
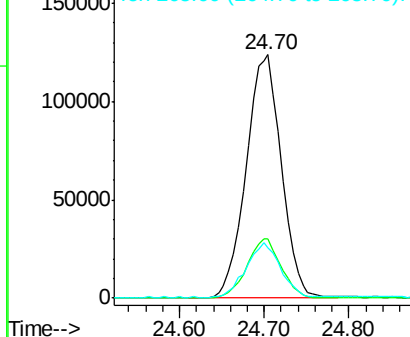
Lab File: BG045872.D

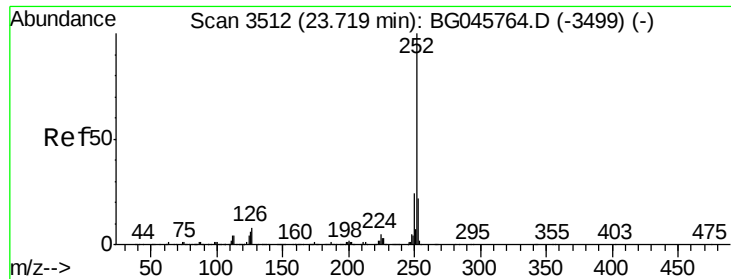
Acq: 26 Jun 2020 14:02

Tgt Ion:	264	Resp:	358622
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.0	28.4
265	20.8	17.4	26.0



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





#88

Benzo(b)fluoranthene

Concen: 2.478 ng

RT: 23.71 min Scan# 3511

Delta R.T. -0.01 min

Lab File: BG045872.D

Acq: 26 Jun 2020 14:02

Instrument :

BNA_G

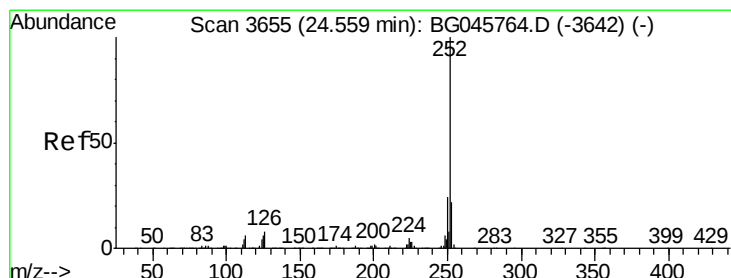
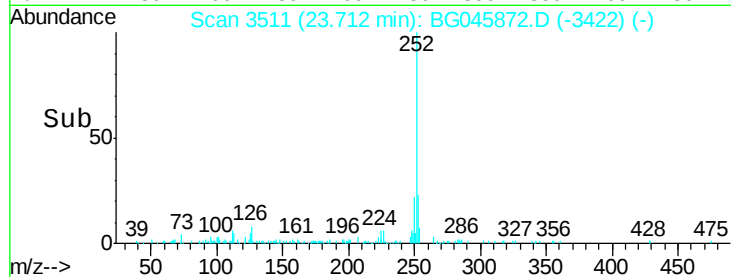
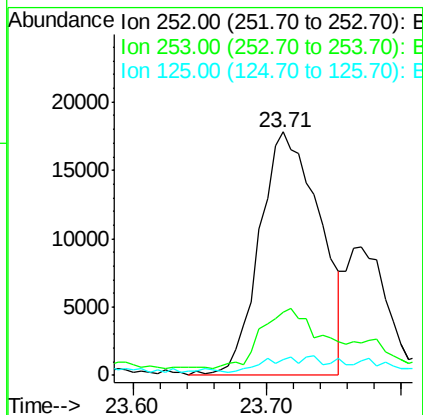
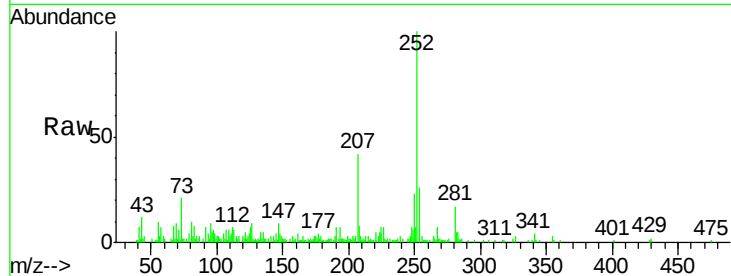
ClientSampleId :

BRENNAN-FL-001

Tot Ion:	252	Resp:	55721
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.4	26.0
125	6.7	5.0	7.4

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 2.103 ng

RT: 24.56 min Scan# 3655

Delta R.T. 0.00 min

Lab File: BG045872.D

Acq: 26 Jun 2020 14:02

Tgt Ion:	252	Resp:	44166
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.0	27.0
125	6.1	5.0	7.6

