

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG083120\
 Data File : BG046477.D
 Acq On : 31 Aug 2020 20:32
 Operator : CG/JU
 Sample : L3847-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LINDEN-JOP-BH-10-C

Manual Integrations
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mohammad
 9/1/2020 10:47:32 AM

Quant Time: Sep 07 04:13:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 16:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	71397	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	294956	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	213855	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	531373	20.00	ng	0.00
76) Chrysene-d12	21.55	240	528156	20.00	ng	0.00
86) Perylene-d12	24.65	264	561016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	335593	83.25	ng	0.00
7) Phenol-d6	7.10	99	451458	79.00	ng	0.00
23) Nitrobenzene-d5	9.08	82	288561	55.92	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	222663	76.84	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	800804	57.16	ng	0.00
79) Terphenyl-d14	19.92	244	1306462	52.64	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.01	163	33543	2.027	ng	95
71) Phenanthrene	17.35	178	590567	21.927	ng	98
72) Anthracene	17.44	178	119911	4.512	ng	96
75) Fluoranthene	19.36	202	763343	22.023	ng	98
78) Pyrene	19.72	202	685694	20.388	ng	98
81) Benzo(a)anthracene	21.53	228	340443	10.342	ng	97
83) Chrysene	21.60	228	315277m	9.956	ng	
87) Indeno(1,2,3-cd)pyrene	28.15	276	190961	4.739	ng	95
88) Benzo(b)fluoranthene	23.67	252	373348	10.658	ng	99
89) Benzo(k)fluoranthene	23.73	252	137372m	4.058	ng	
90) Benzo(a)pyrene	24.50	252	283801	8.681	ng	99
92) Benzo(a,h,i)perylene	29.24	276	188673	5.811	ng	96

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

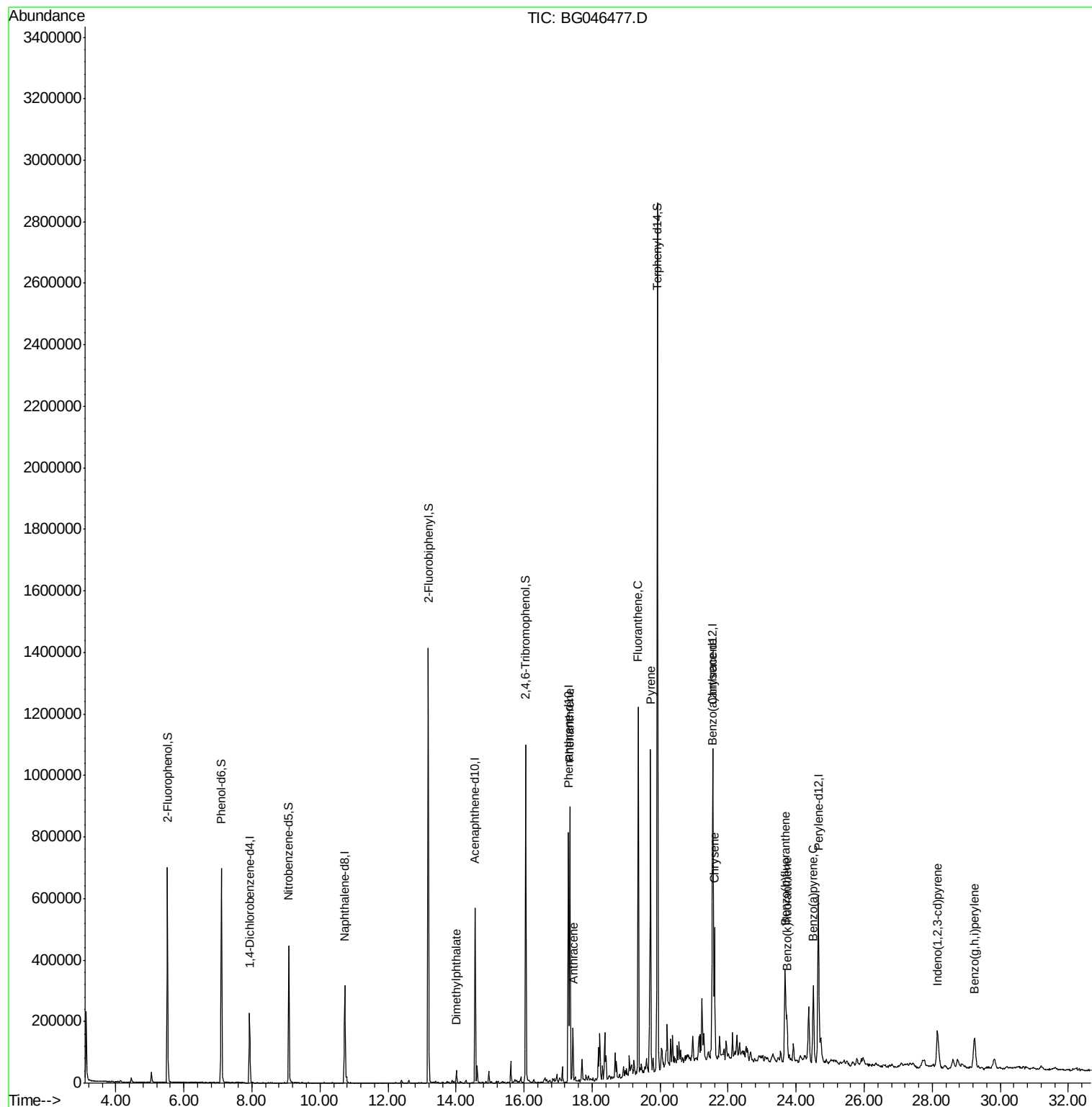
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG083120\
Data File : BG046477.D
Acq On : 31 Aug 2020 20:32
Operator : CG/JU
Sample : L3847-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

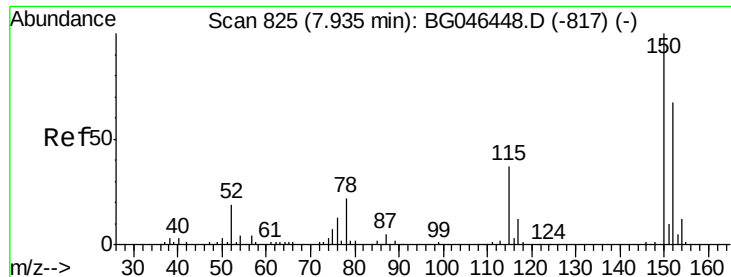
Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-10-C

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Quant Time: Sep 07 04:13:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

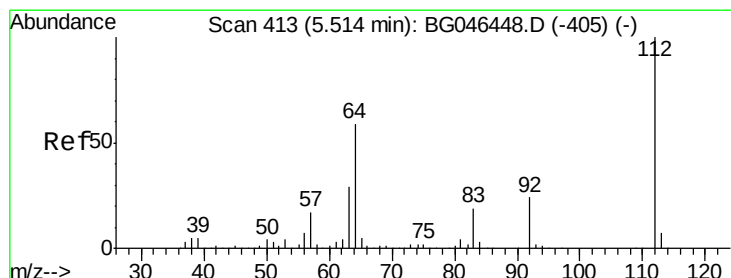
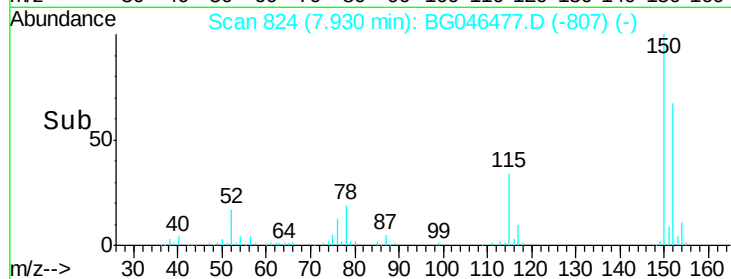
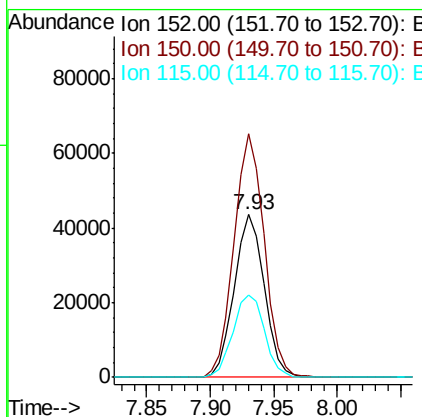
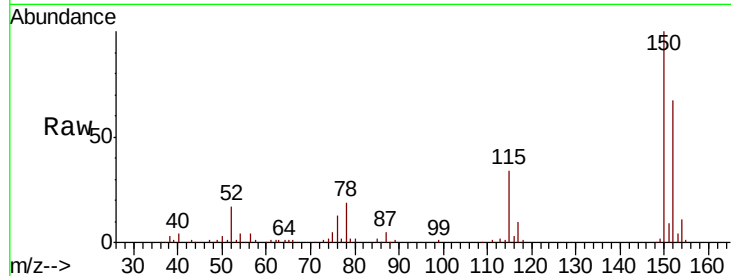
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046477.D
Acq: 31 Aug 2020 20:32

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-10-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	119.5	179.3
115	50.8	44.3	66.5

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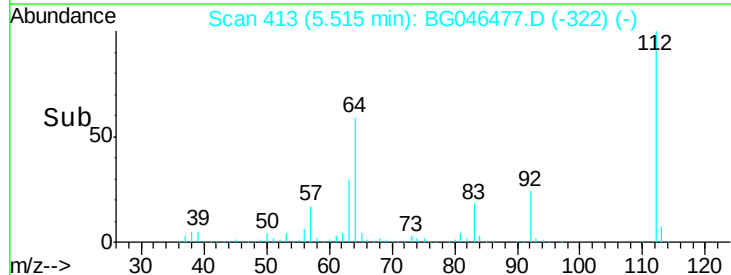
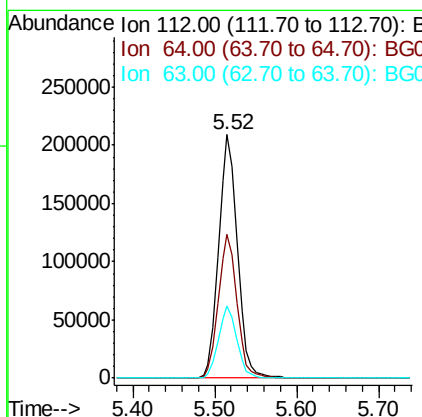
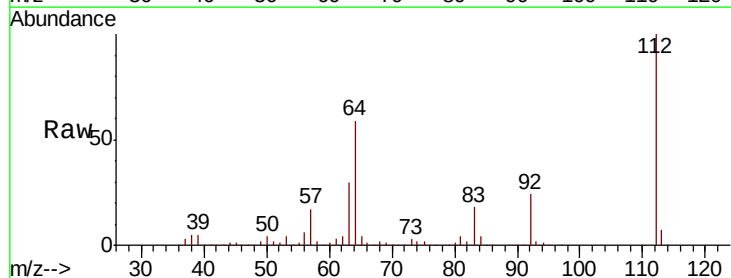
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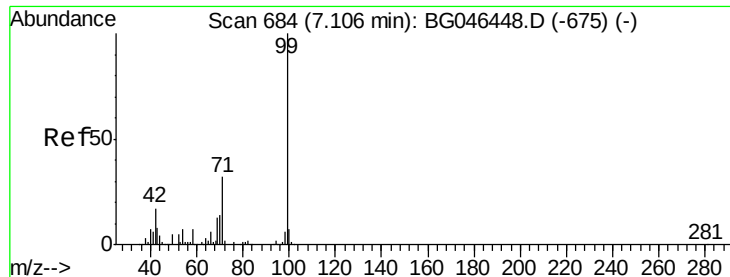


#5

2-Fluorophenol
Concen: 83.252 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046477.D
Acq: 31 Aug 2020 20:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.0	70.6
63	29.7	23.5	35.3





#7

Phenol-d6

Concen: 79.003 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046477.D

Acq: 31 Aug 2020 20:32

Instrument :

BNA_G

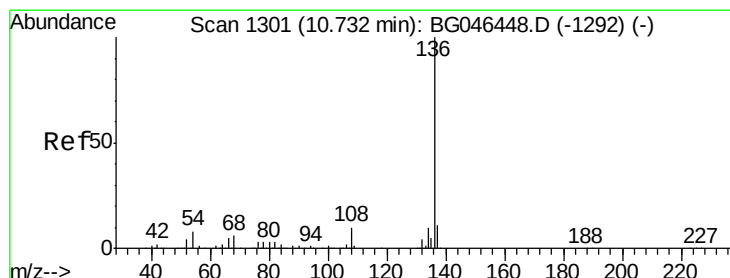
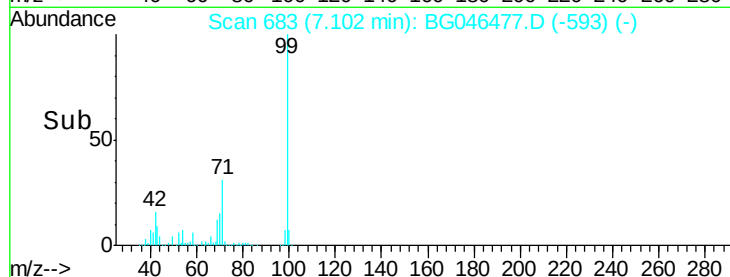
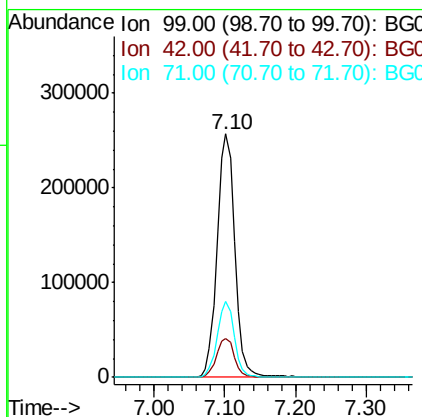
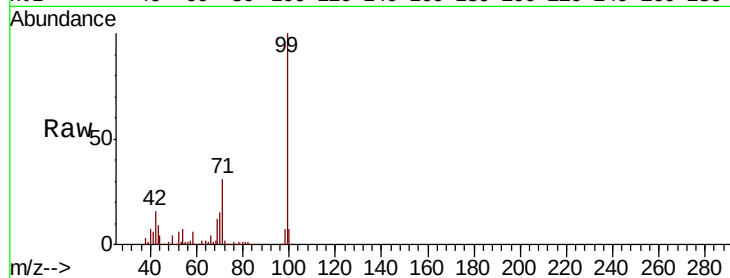
ClientSampleId :

LINDEN-JOP-BH-10-C

Tot Ion:	99	Resp:	451458
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.3	19.9
71	31.2	25.3	37.9

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#21

Naphthalene-d8

Concen: 20.000 ng

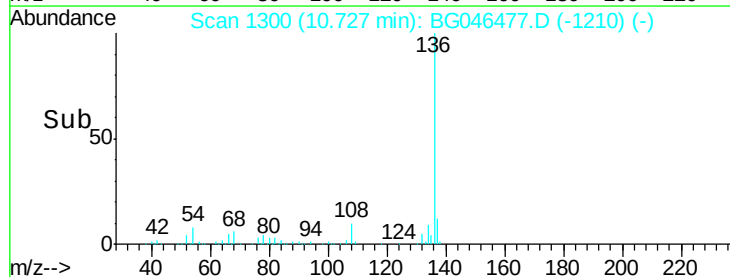
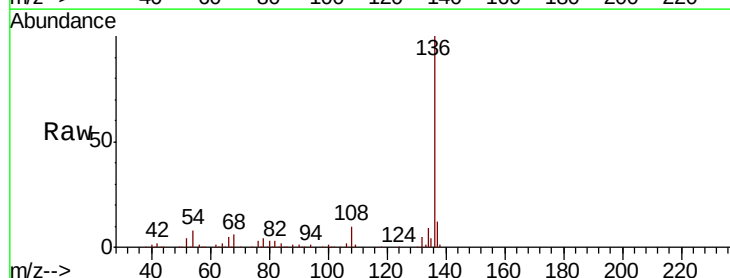
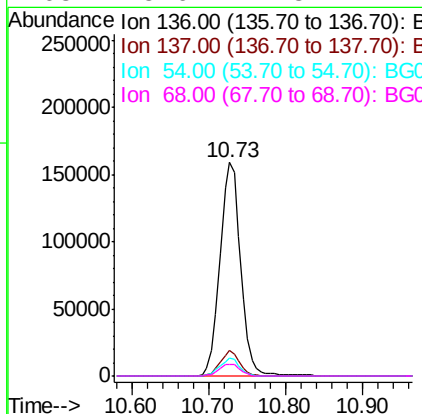
RT: 10.73 min Scan# 1300

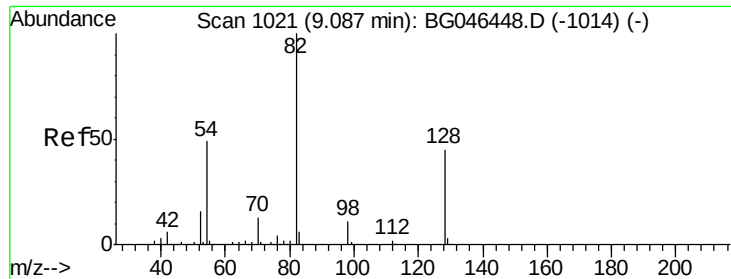
Delta R.T. -0.00 min

Lab File: BG046477.D

Acq: 31 Aug 2020 20:32

Tgt Ion:	136	Resp:	294956
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.8	13.2
54	8.2	6.1	9.1
68	5.6	4.8	7.2





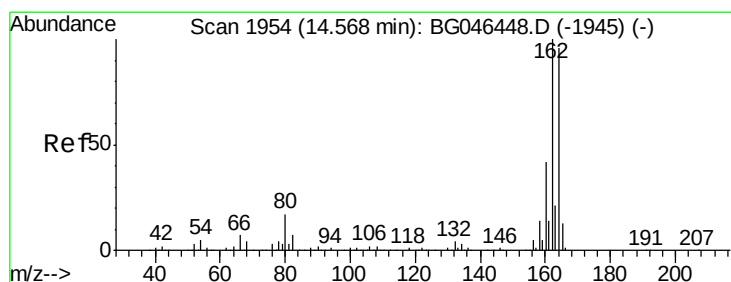
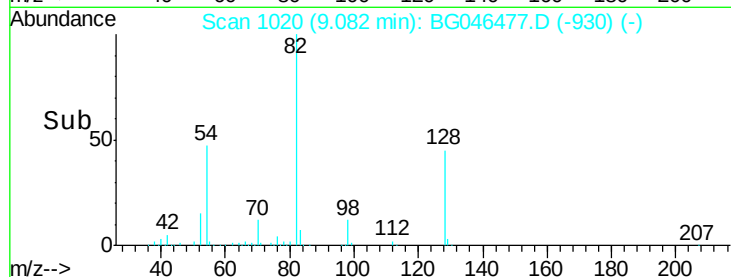
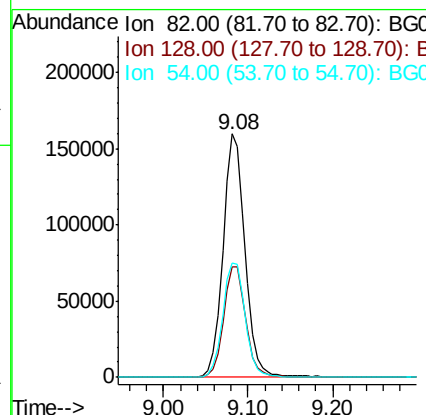
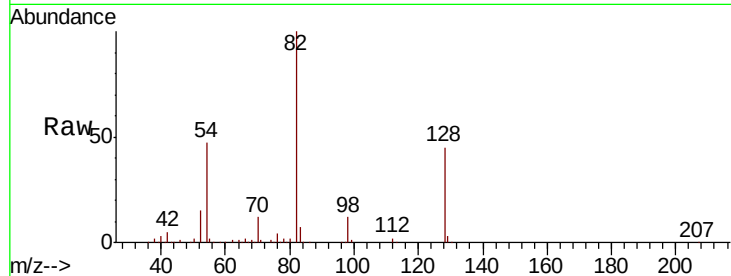
#23
 Nitrobenzene-d5
 Concen: 55.916 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046477.D
 Acq: 31 Aug 2020 20:32

Instrument :
 BNA_G
 ClientSampleId :
 LINDEN-JOP-BH-10-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	47.2	39.4	59.0

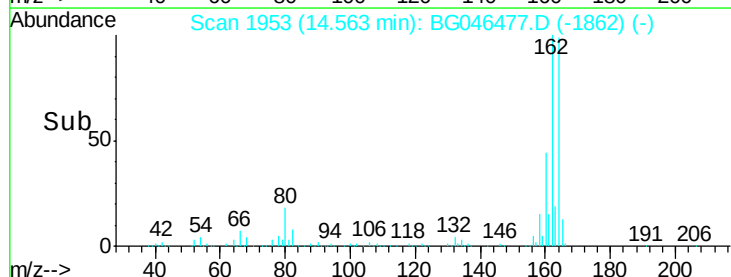
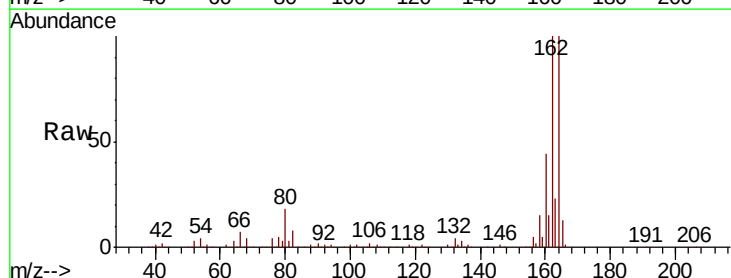
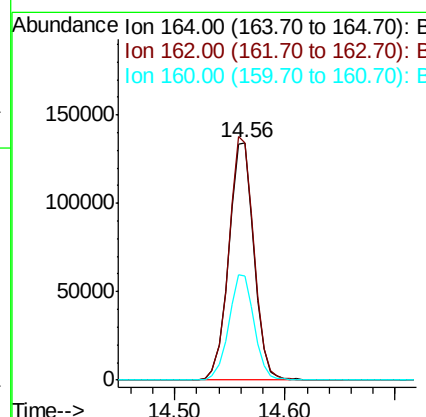
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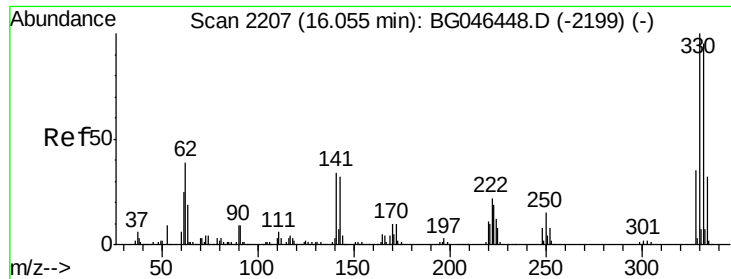
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: BG046477.D
 Acq: 31 Aug 2020 20:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	83.3	124.9
160	43.9	35.0	52.6





#42

2,4,6-Tribromophenol

Concen: 76.844 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046477.D

Acq: 31 Aug 2020 20:32

Instrument :

BNA_G

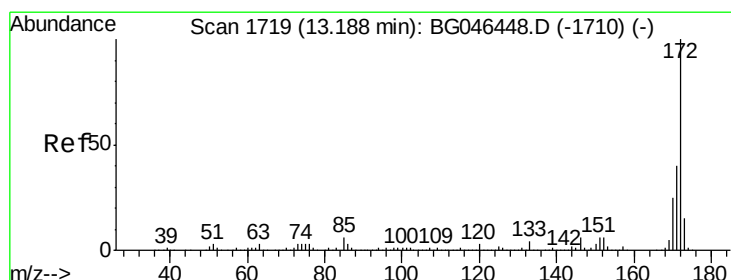
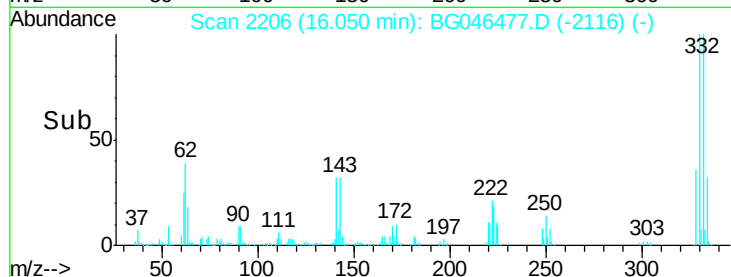
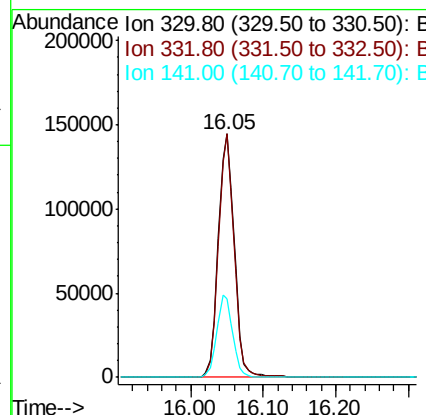
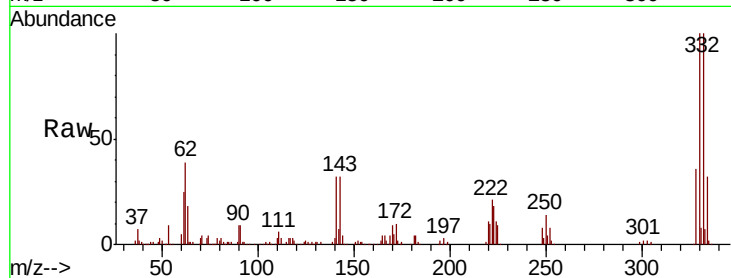
ClientSampleId :

LINDEN-JOP-BH-10-C

Tot Ion:	330	Resp:	222663
Ion Ratio	Lower	Upper	
330	100		
332	97.5	76.1	114.1
141	33.5	26.1	39.1

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#45

2-Fluorobiphenyl

Concen: 57.164 ng

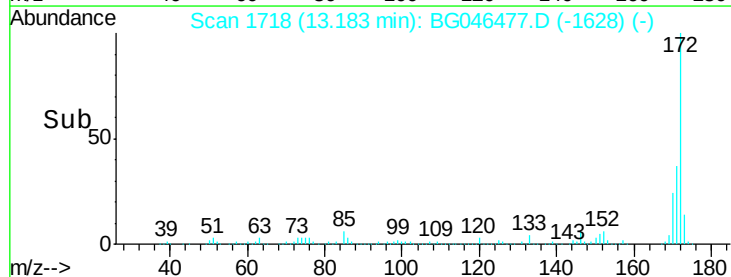
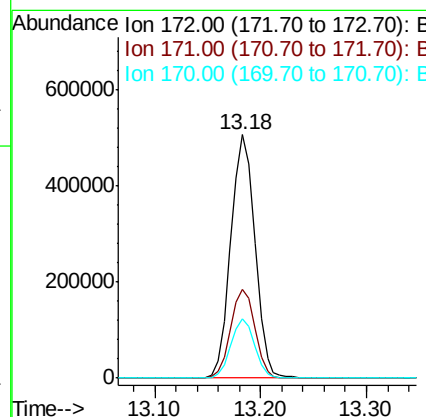
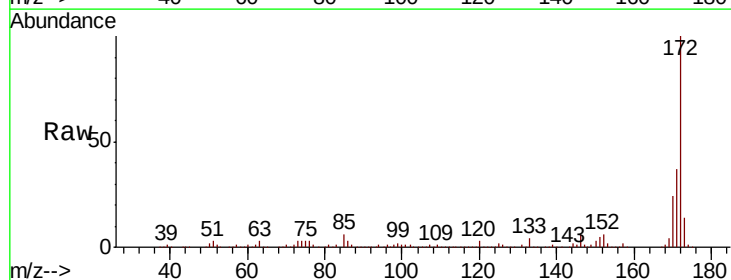
RT: 13.18 min Scan# 1718

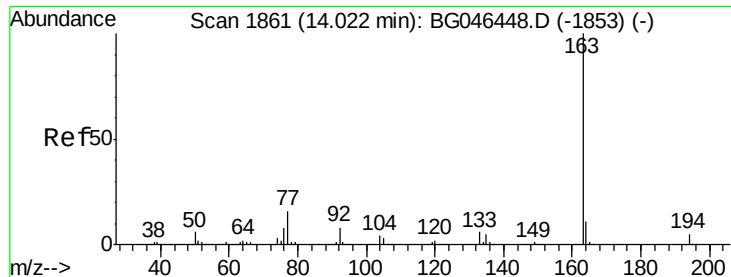
Delta R.T. -0.00 min

Lab File: BG046477.D

Acq: 31 Aug 2020 20:32

Tgt Ion:	172	Resp:	800804
Ion Ratio	Lower	Upper	
172	100		
171	36.6	31.8	47.6
170	24.2	20.3	30.5





#50

Dimethylphthalate

Concen: 2.027 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG046477.D

Acq: 31 Aug 2020 20:32

Instrument :

BNA_G

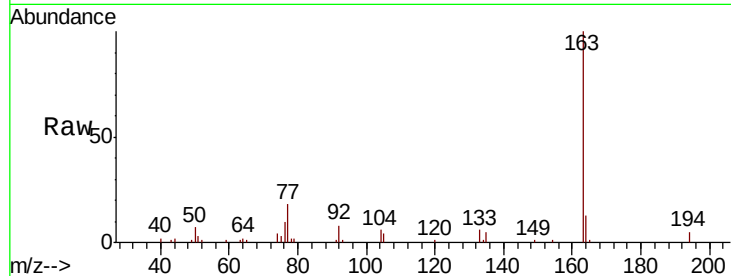
ClientSampleId :

LINDEN-JOP-BH-10-C

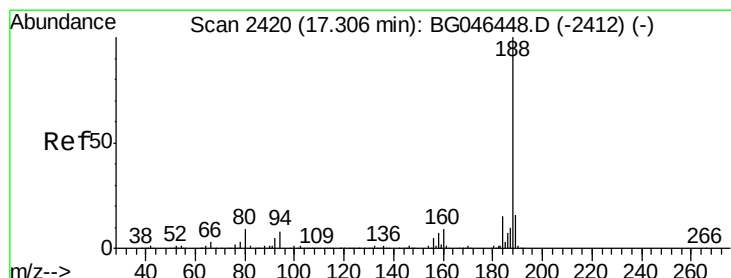
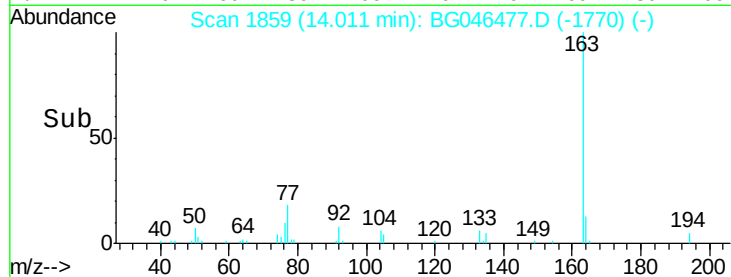
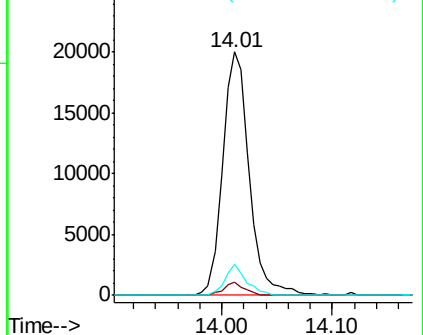
Tot Ion:	163	Resp:	33543
Ion Ratio	Lower	Upper	
163	100		
194	5.4	3.7	5.5
164	12.8	8.6	12.8

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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: 17.30 min Scan# 2419

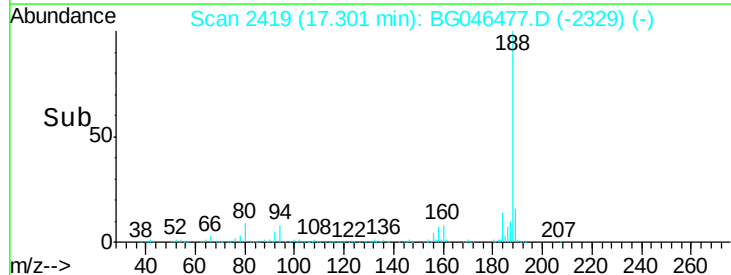
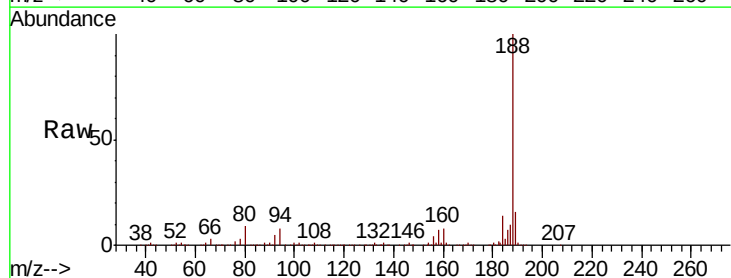
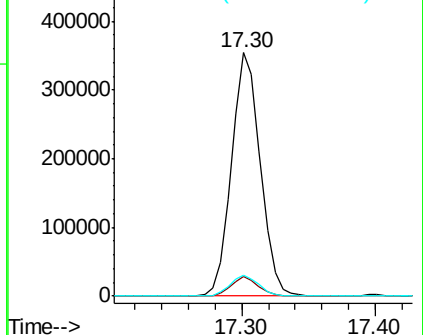
Delta R.T. -0.00 min

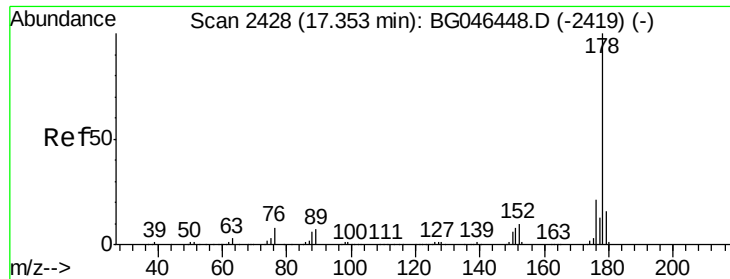
Lab File: BG046477.D

Acq: 31 Aug 2020 20:32

Tgt Ion:	188	Resp:	531373
Ion Ratio	Lower	Upper	
188	100		
94	7.9	6.3	9.5
80	8.7	6.9	10.3

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





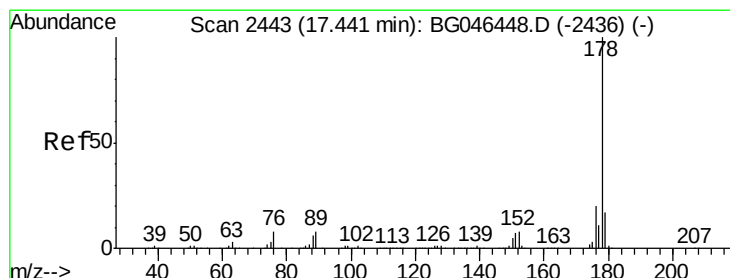
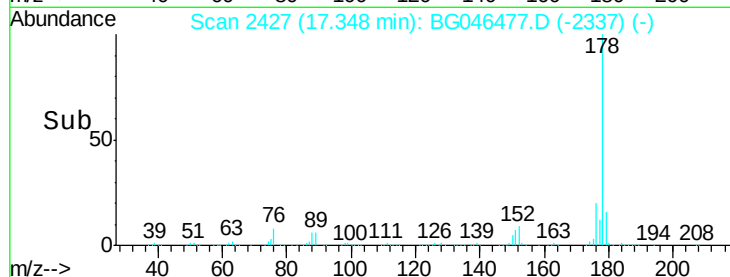
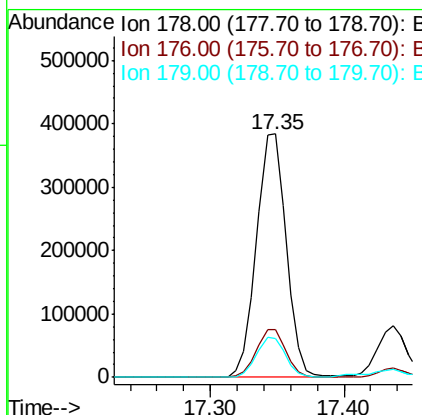
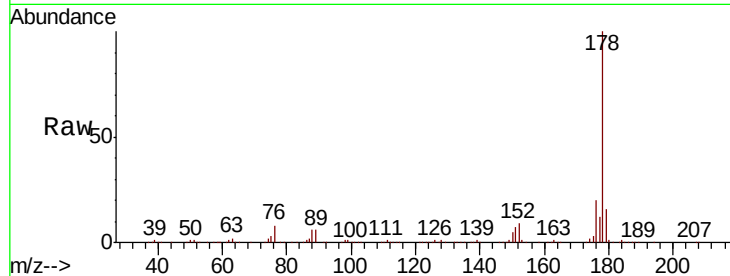
#71
Phenanthrene
Concen: 21.927 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046477.D
Acq: 31 Aug 2020 20:32

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-10-C

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.8	25.2
179	16.1	13.2	19.8

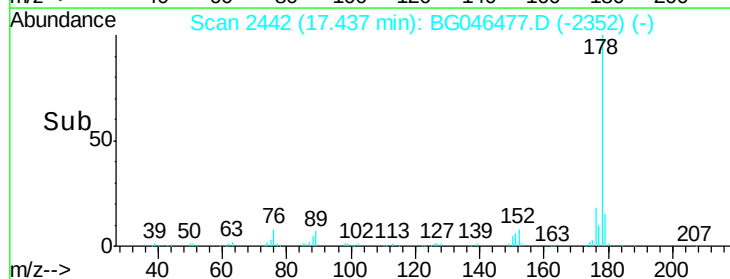
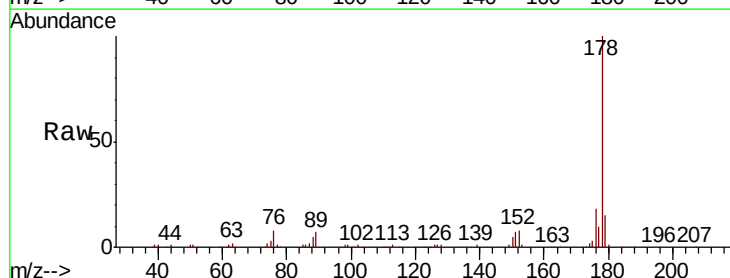
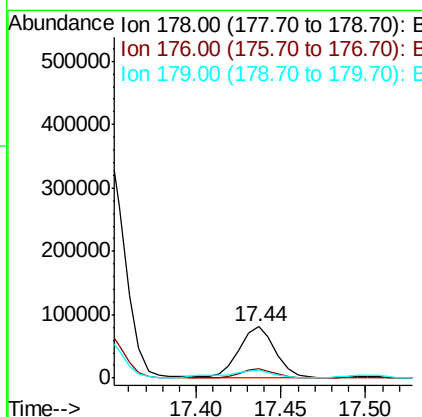
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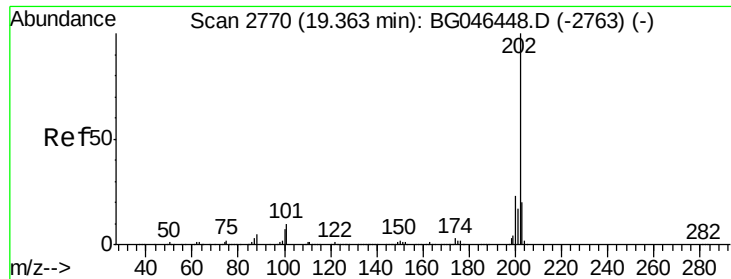
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#72
Anthracene
Concen: 4.512 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG046477.D
Acq: 31 Aug 2020 20:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.1	24.1
179	15.1	13.3	19.9





#75

Fluoranthene

Concen: 22.023 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046477.D

Acq: 31 Aug 2020 20:32

Instrument :

BNA_G

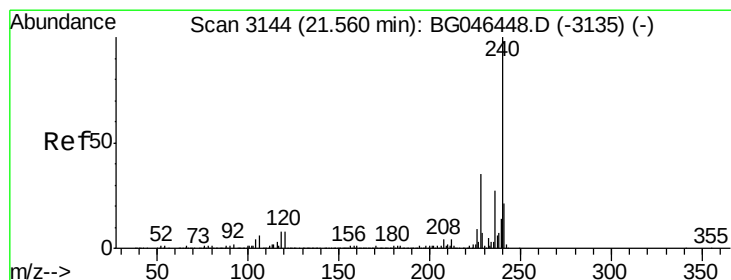
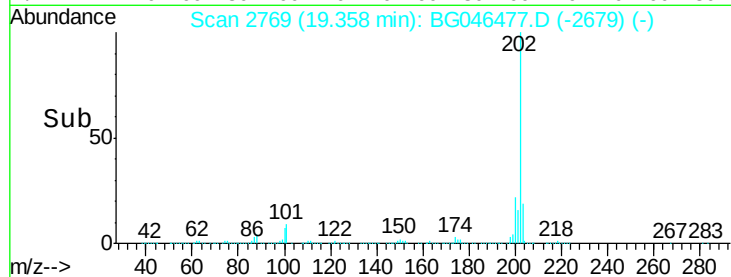
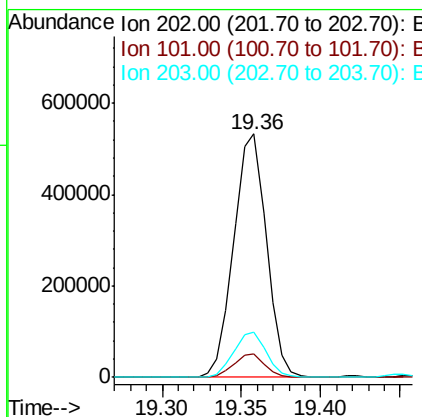
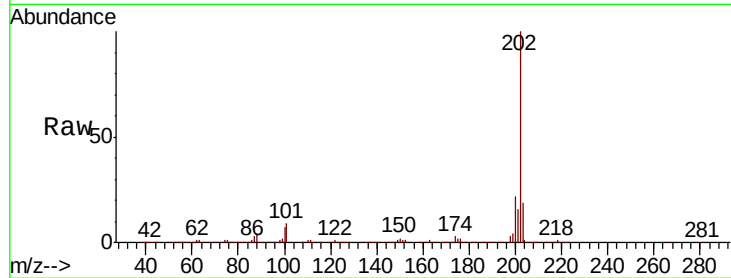
ClientSampleId :

LINDEN-JOP-BH-10-C

Tot Ion:	202	Resp:	763343
Ion Ratio		Lower	Upper
202	100		
101	9.4	0.0	29.9
203	18.6	0.0	40.0

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#76

Chrysene-d12

Concen: 20.000 ng

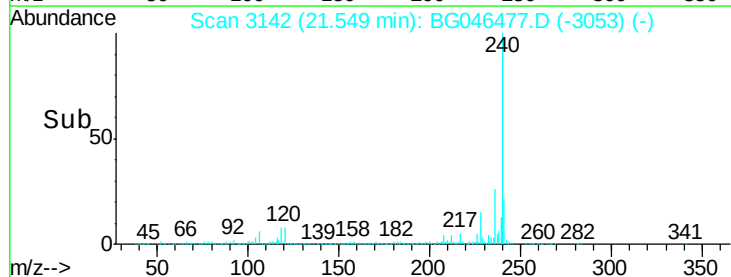
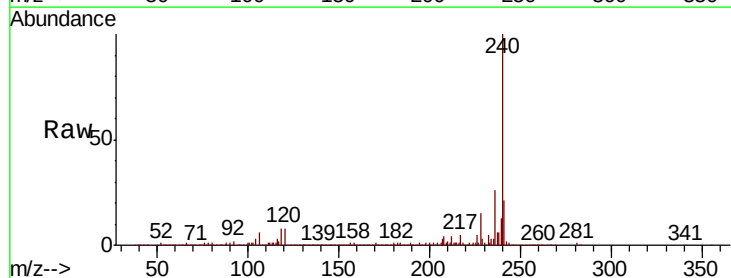
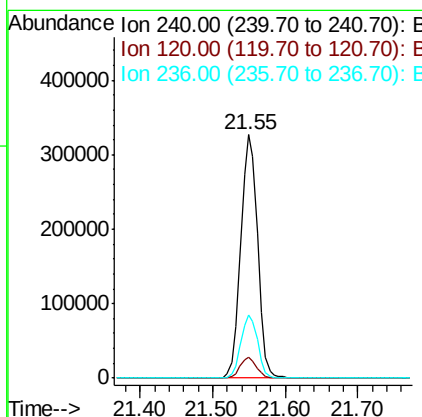
RT: 21.55 min Scan# 3142

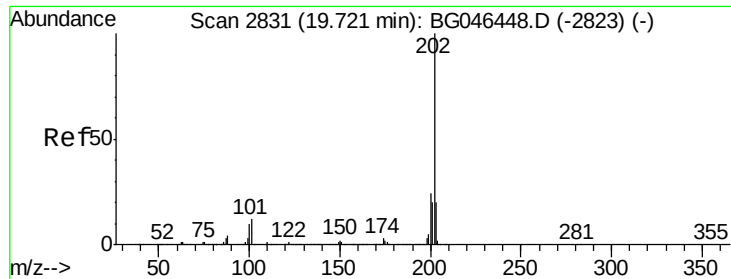
Delta R.T. -0.01 min

Lab File: BG046477.D

Acq: 31 Aug 2020 20:32

Tgt Ion:	240	Resp:	528156
Ion Ratio		Lower	Upper
240	100		
120	8.4	6.6	10.0
236	25.9	21.4	32.2





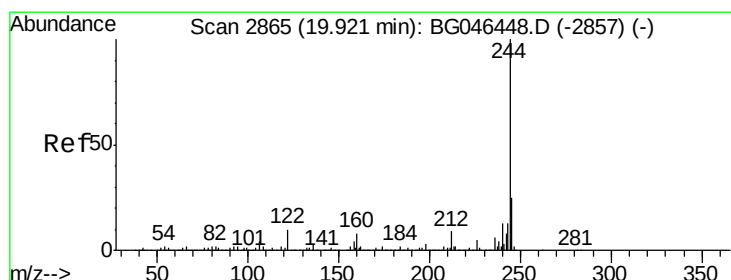
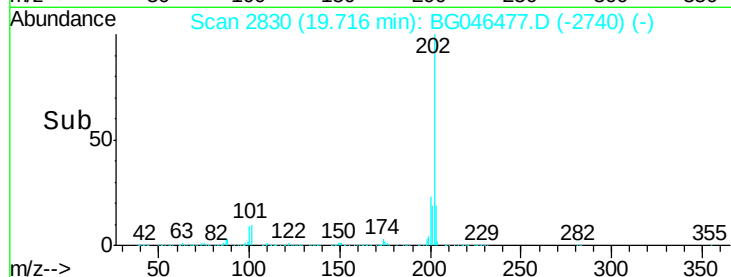
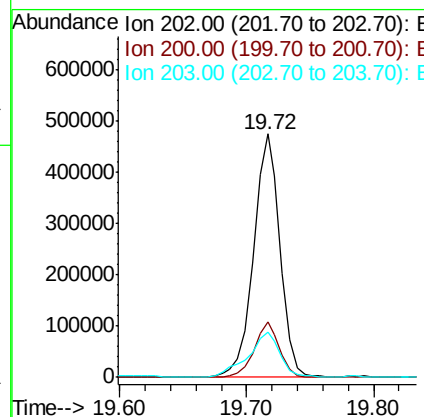
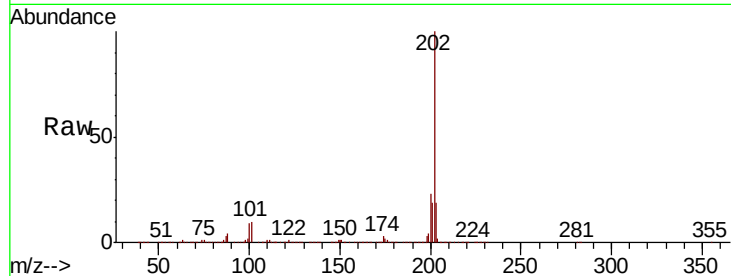
#78
Pvrene
Concen: 20.388 ng
RT: 19.72 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BG046477.D
Acq: 31 Aug 2020 20:32

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-10-C

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.9	28.3
203	18.8	16.1	24.1

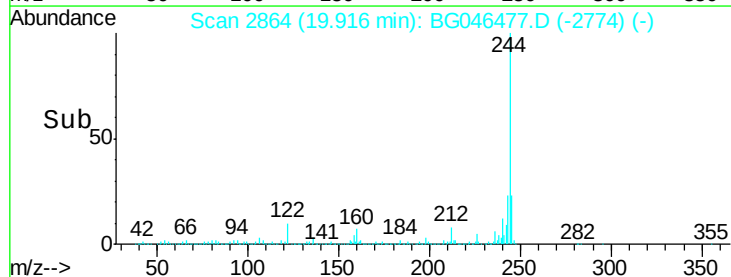
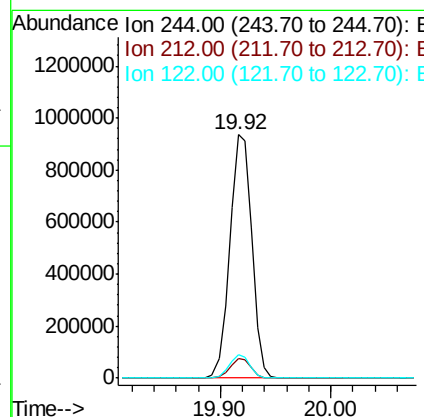
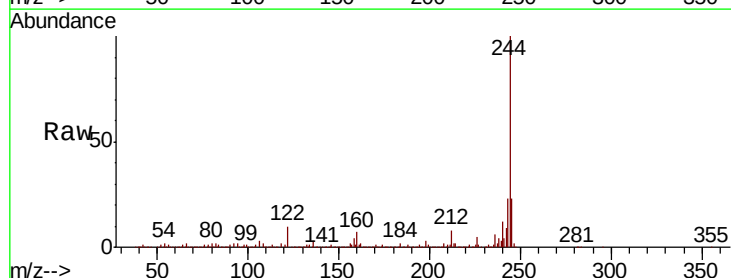
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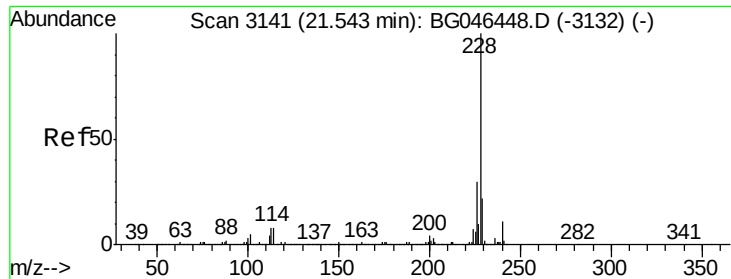
mohammad
9/1/2020 10:47:32 AM



#79
Terphenyl-d14
Concen: 52.643 ng
RT: 19.92 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BG046477.D
Acq: 31 Aug 2020 20:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	9.6	8.2	12.4





#81

Benzo(a)anthracene

Concen: 10.342 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG046477.D

Acq: 31 Aug 2020 20:32

Instrument :

BNA_G

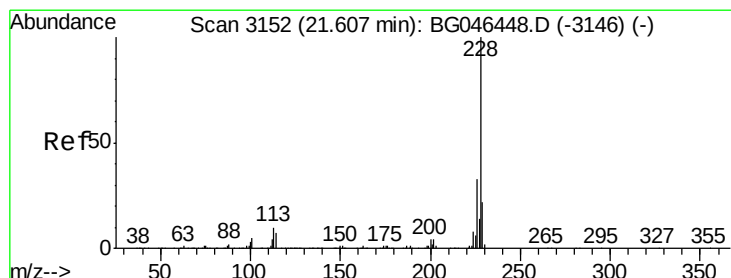
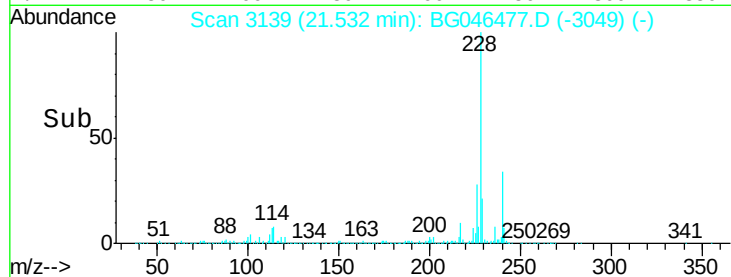
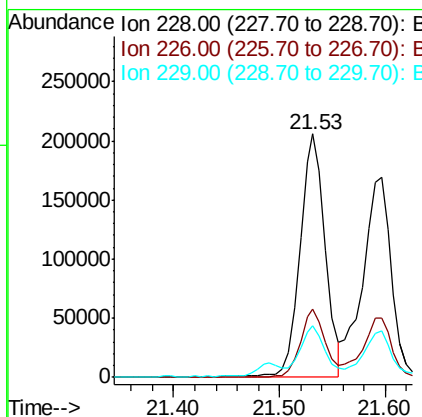
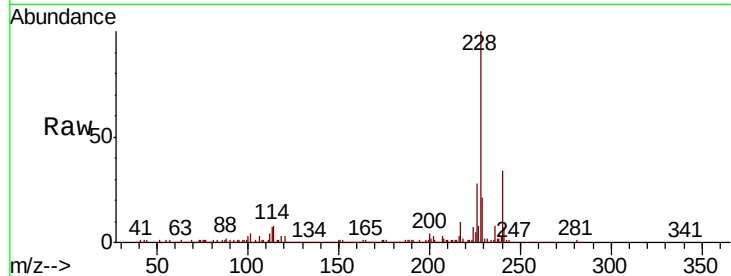
ClientSampleId :

LINDEN-JOP-BH-10-C

Tot Ion:	228	Resp:	340443
Ion Ratio	Lower	Upper	
228	100		
226	28.2	24.2	36.4
229	21.2	17.4	26.2

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#83

Chrysene

Concen: 9.956 ng m

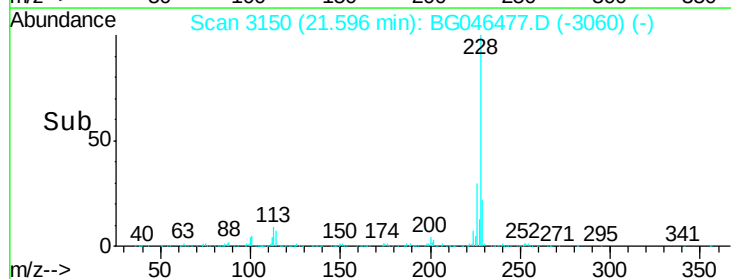
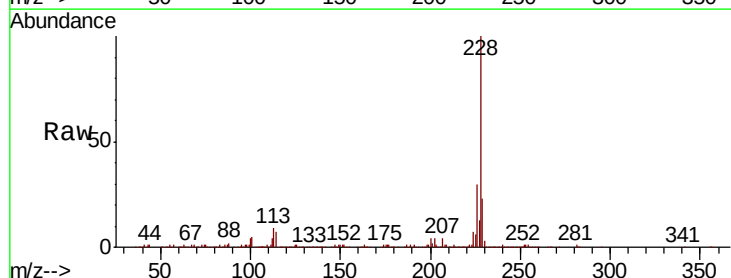
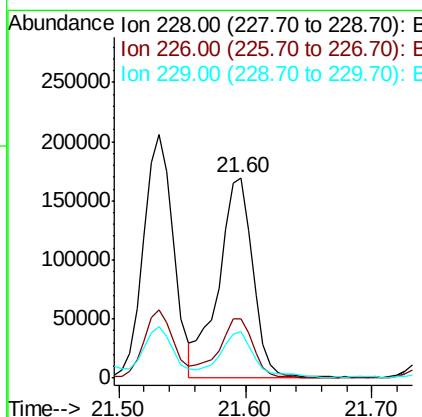
RT: 21.60 min Scan# 3150

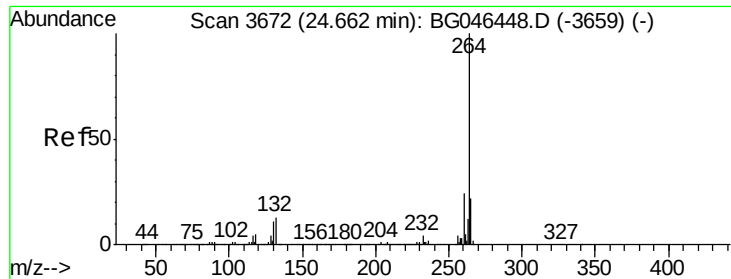
Delta R.T. -0.00 min

Lab File: BG046477.D

Acq: 31 Aug 2020 20:32

Tgt Ion:	228	Resp:	315277
Ion Ratio	Lower	Upper	
228	100		
226	29.9	26.2	39.4
229	22.9	17.9	26.9





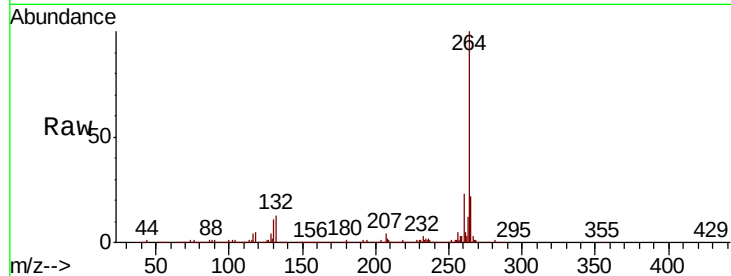
#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BG046477.D
Acq: 31 Aug 2020 20:32

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-10-C

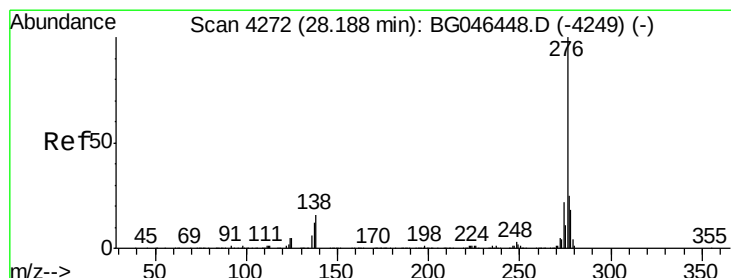
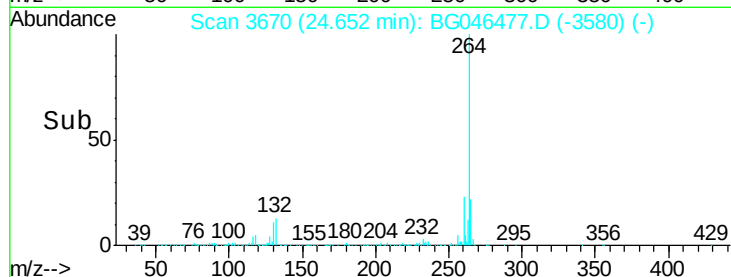
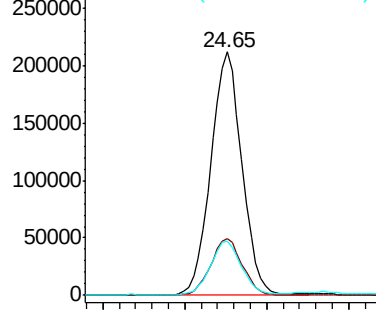
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.2	17.9	26.9

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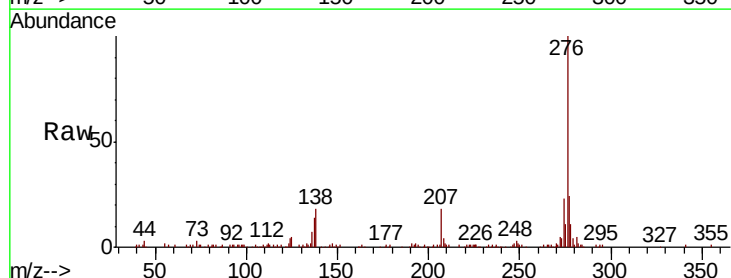


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

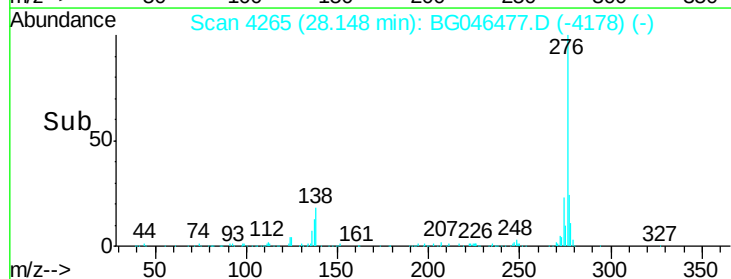
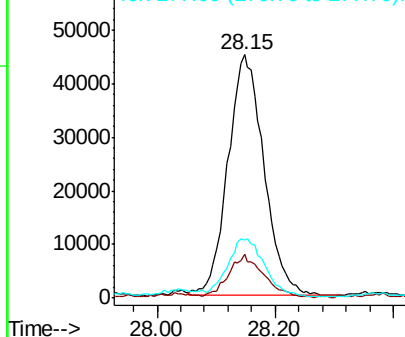


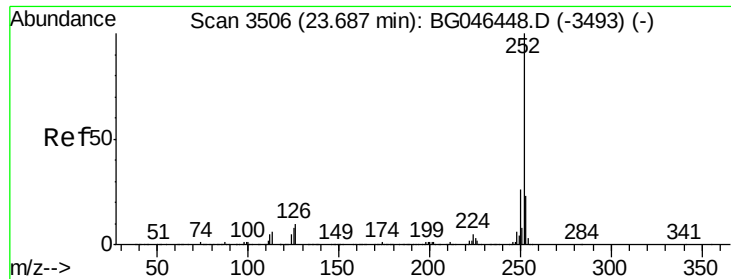
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.739 ng
RT: 28.15 min Scan# 4265
Delta R.T. -0.02 min
Lab File: BG046477.D
Acq: 31 Aug 2020 20:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.9	16.5	24.7
277	24.9	20.7	31.1



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





#88

Benzo(b)fluoranthene

Concen: 10.658 ng

RT: 23.67 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BG046477.D

Acq: 31 Aug 2020 20:32

Instrument :

BNA_G

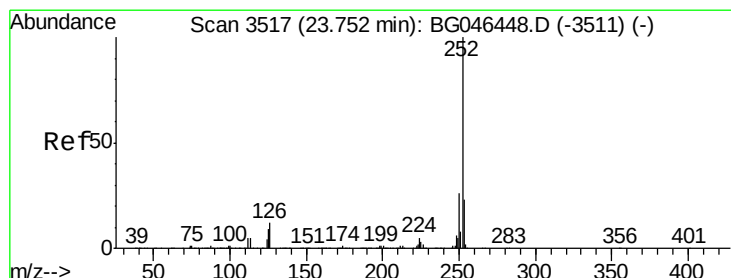
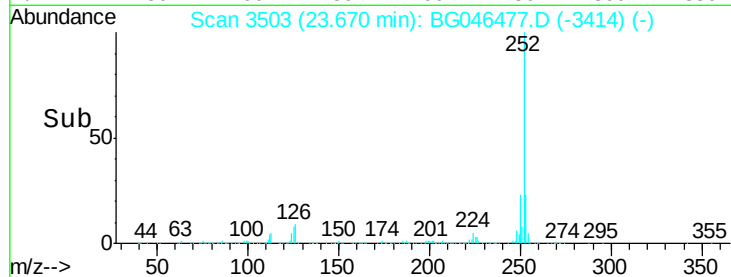
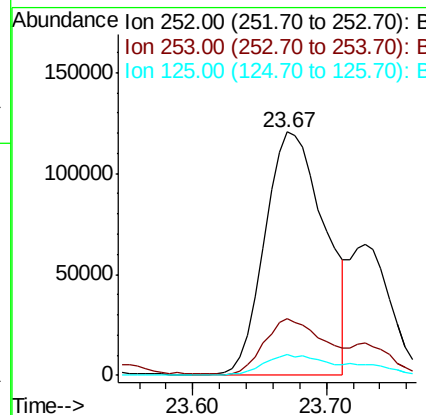
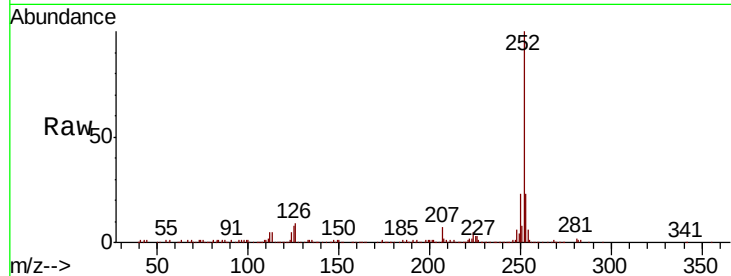
ClientSampleId :

LINDEN-JOP-BH-10-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	8.4	6.2	9.2

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#89

Benzo(k)fluoranthene

Concen: 4.058 ng m

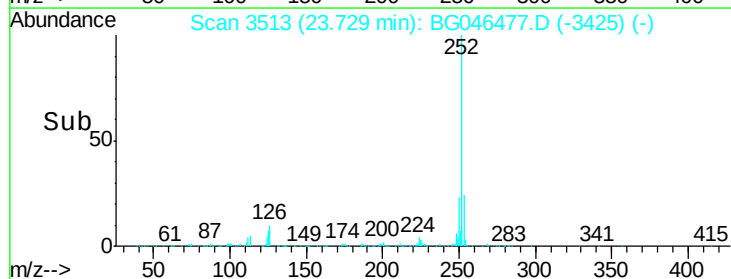
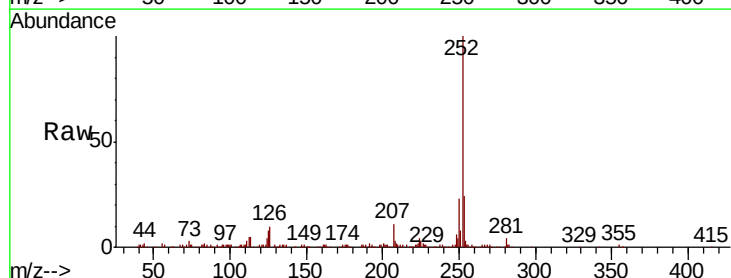
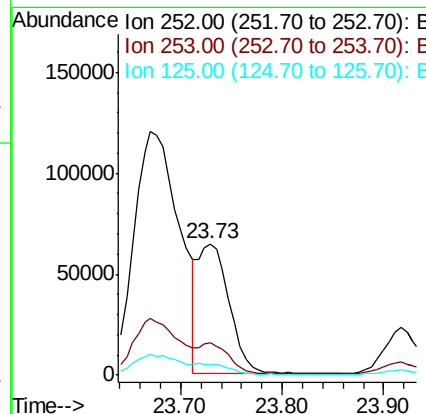
RT: 23.73 min Scan# 3513

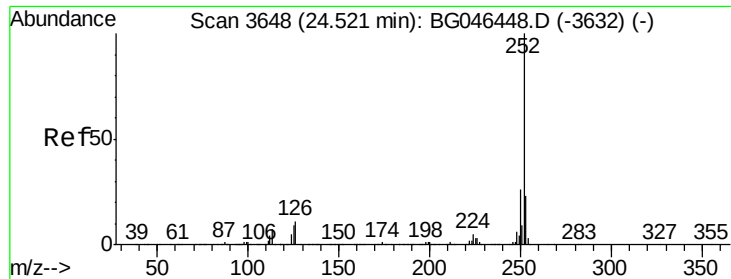
Delta R.T. -0.01 min

Lab File: BG046477.D

Acq: 31 Aug 2020 20:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.5	27.7
125	7.8	6.8	10.2





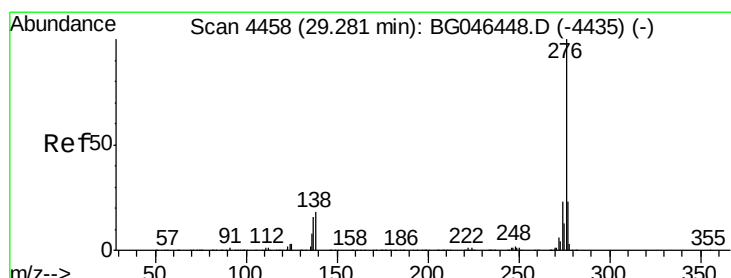
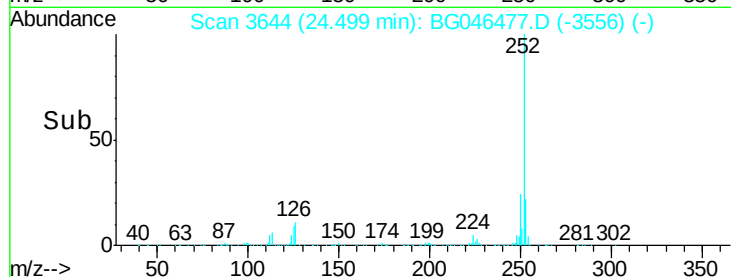
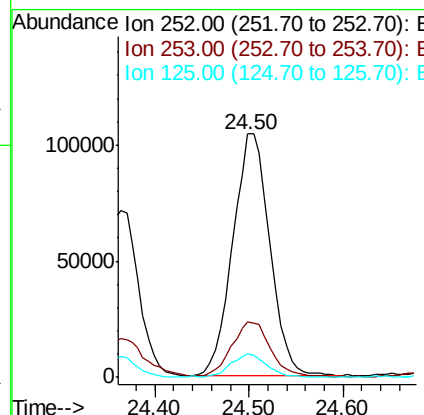
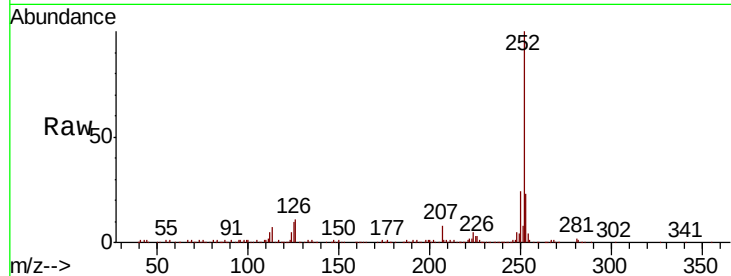
#90
Benzo(a)pyrene
Concen: 8.681 ng
RT: 24.50 min Scan# 3644
Delta R.T. -0.01 min
Lab File: BG046477.D
Acq: 31 Aug 2020 20:32

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-10-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	9.8	7.4	11.0

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#92
Benzo(g,h,i)perylene
Concen: 5.811 ng
RT: 29.24 min Scan# 4451
Delta R.T. -0.03 min
Lab File: BG046477.D
Acq: 31 Aug 2020 20:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.7	28.1
138	17.2	14.7	22.1

