

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083120\
 Data File : BG046480.D
 Acq On : 31 Aug 2020 22:33
 Operator : CG/JU
 Sample : L3847-25
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LINDEN-JOP-BH-12-A

Manual Integrations
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 9/1/2020 10:47:50 AM

Quant Time: Sep 01 04:51:38 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	88253	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	379962	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	251128	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	533471	20.00	ng	0.00
76) Chrysene-d12	21.55	240	496775	20.00	ng	0.00
86) Perylene-d12	24.66	264	520228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	518900	104.14	ng	0.00
7) Phenol-d6	7.11	99	718011	101.65	ng	0.00
23) Nitrobenzene-d5	9.09	82	483343	72.71	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	306401	90.05	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1245768	75.73	ng	0.00
79) Terphenyl-d14	19.92	244	1517299	65.00	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.01	163	294654	15.166	ng	99
71) Phenanthrene	17.35	178	179115	6.624	ng	98
75) Fluoranthene	19.36	202	463310	13.314	ng	97
78) Pyrene	19.72	202	428530	13.546	ng	98
81) Benzo(a)anthracene	21.54	228	257627	8.320	ng	98
83) Chrysene	21.60	228	233079	7.825	ng	99
87) Indeno(1,2,3-cd)pyrene	28.16	276	175560	4.699	ng	97
88) Benzo(b)fluoranthene	23.68	252	337456	10.388	ng	# 98
89) Benzo(k)fluoranthene	23.73	252	103805m	3.307	ng	
90) Benzo(a)pyrene	24.51	252	246664	8.137	ng	98
92) Benzo(g,h,i)perylene	29.25	276	178500	5.928	ng	99

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

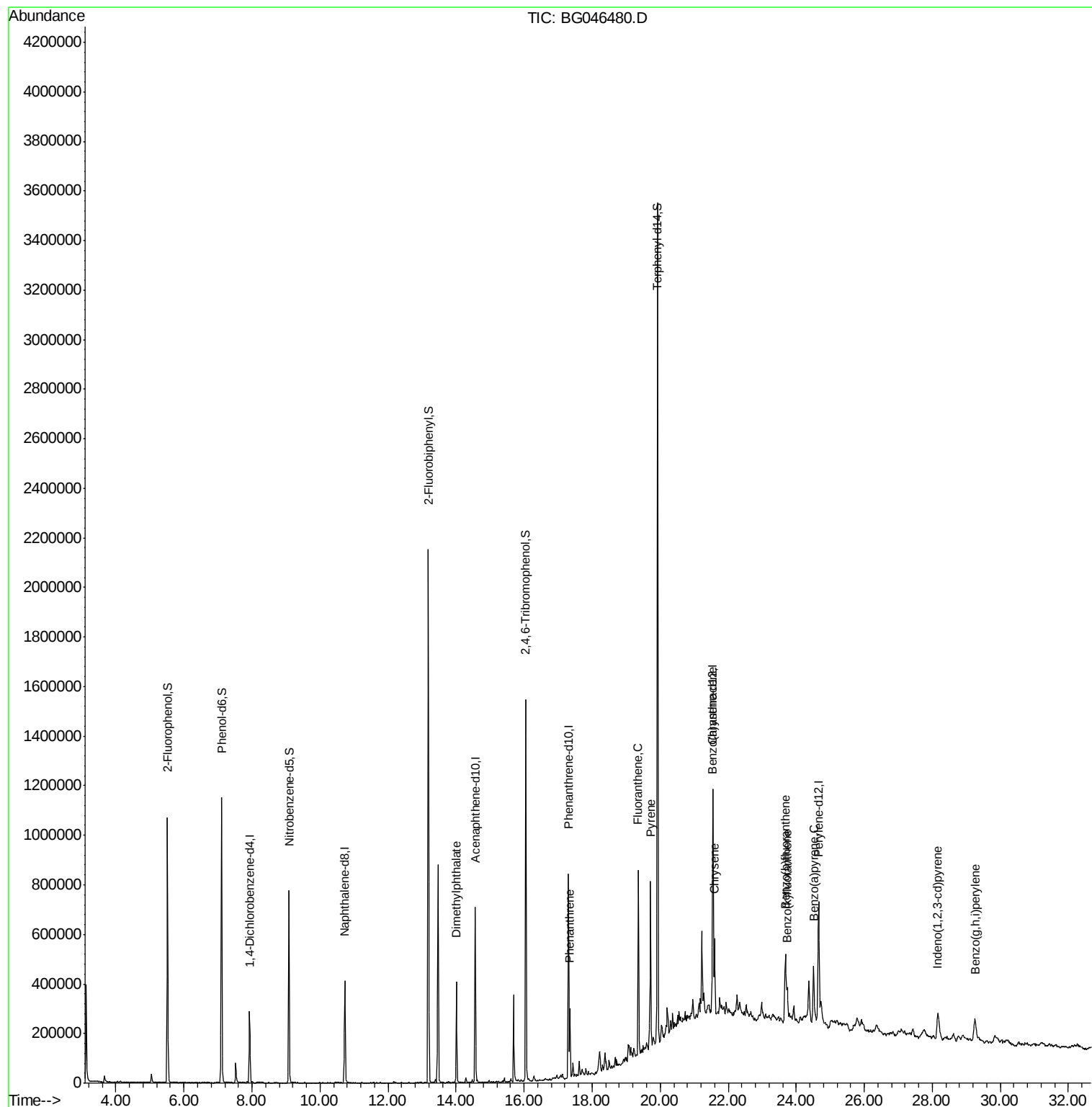
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083120\
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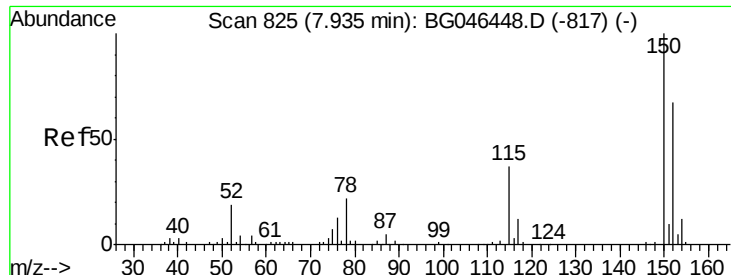
Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-A

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
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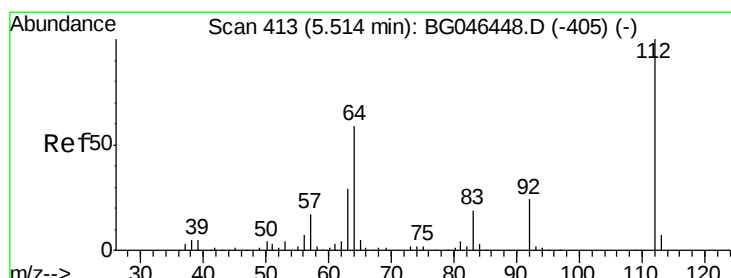
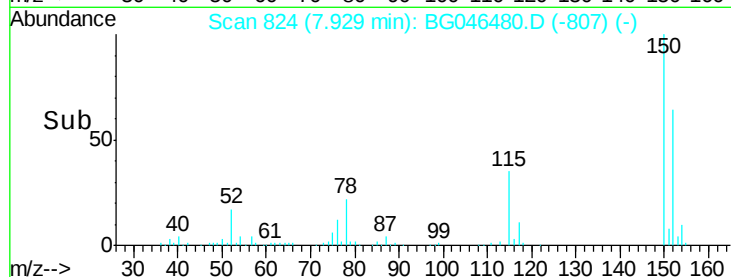
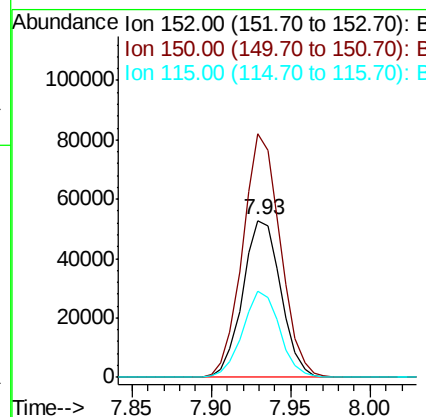
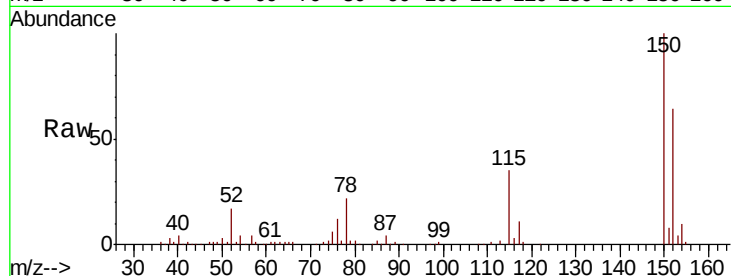
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG046480.D
 Acq: 31 Aug 2020 22:33

Instrument :
 BNA_G
 ClientSampleId :
 LINDEN-JOP-BH-12-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	119.5	179.3
115	55.0	44.3	66.5

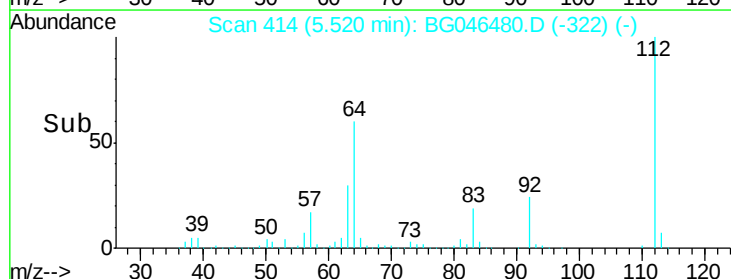
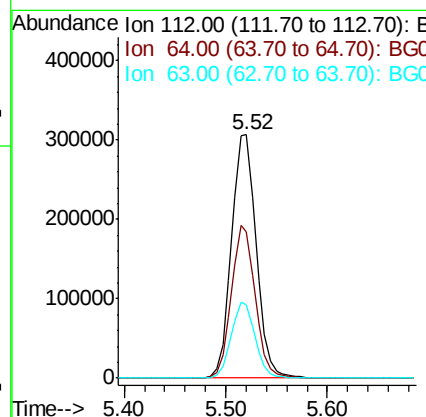
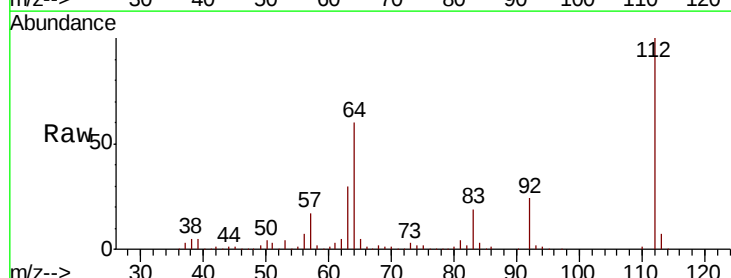
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#5
 2-Fluorophenol
 Concen: 104.140 ng
 RT: 5.52 min Scan# 414
 Delta R.T. 0.01 min
 Lab File: BG046480.D
 Acq: 31 Aug 2020 22:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.0	70.6
63	30.2	23.5	35.3





#7

Phenol-d6

Concen: 101.651 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046480.D

Acq: 31 Aug 2020 22:33

Instrument :

BNA_G

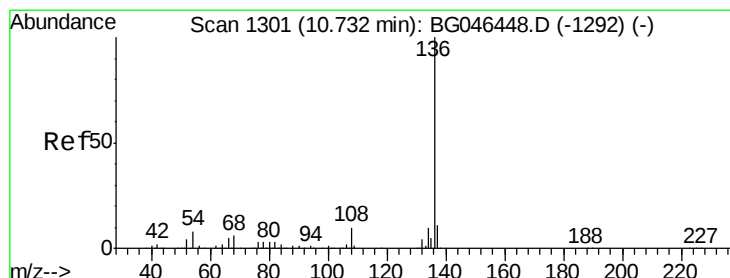
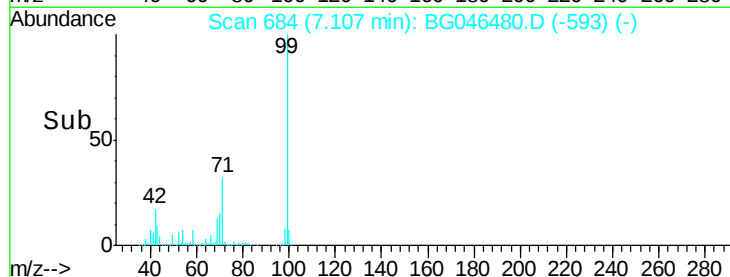
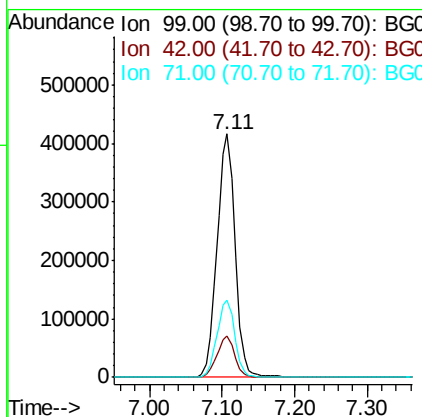
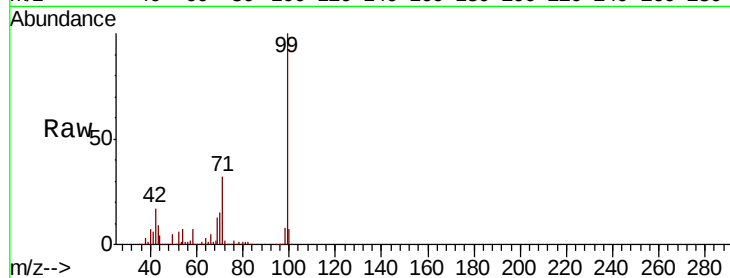
ClientSampleId :

LINDEN-JOP-BH-12-A

Tot Ion:	99	Resp:	718011
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.3	19.9
71	31.8	25.3	37.9

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#21

Naphthalene-d8

Concen: 20.000 ng

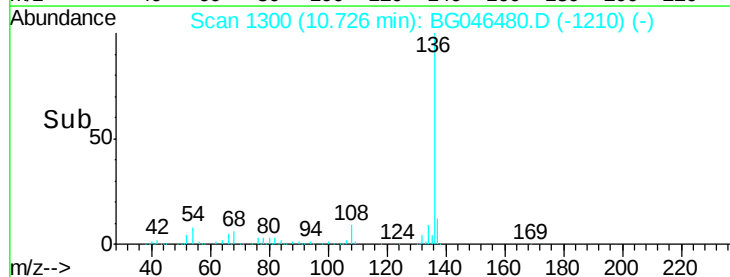
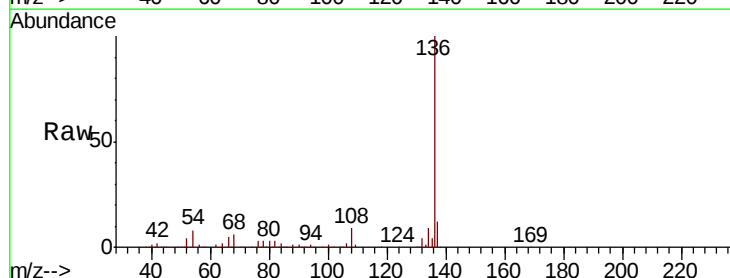
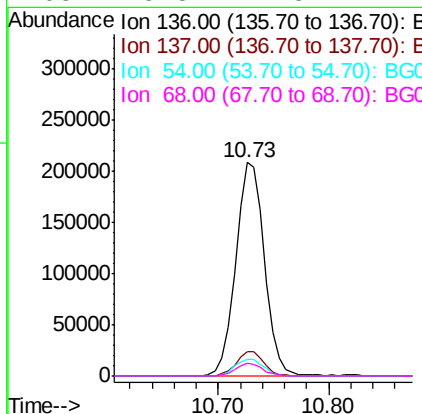
RT: 10.73 min Scan# 1300

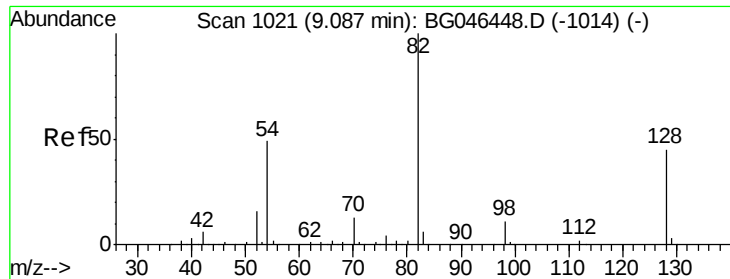
Delta R.T. -0.00 min

Lab File: BG046480.D

Acq: 31 Aug 2020 22:33

Tgt Ion:	136	Resp:	379962
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	7.9	6.1	9.1
68	5.8	4.8	7.2





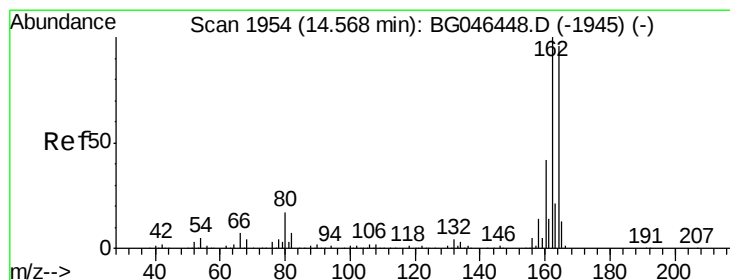
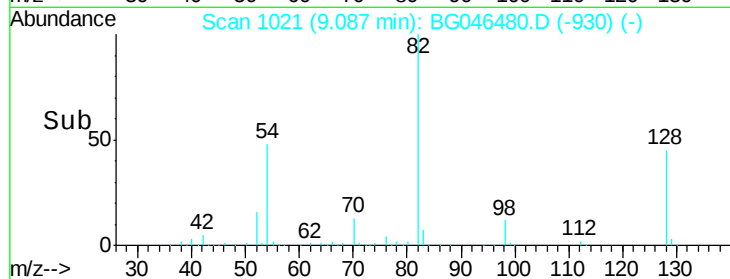
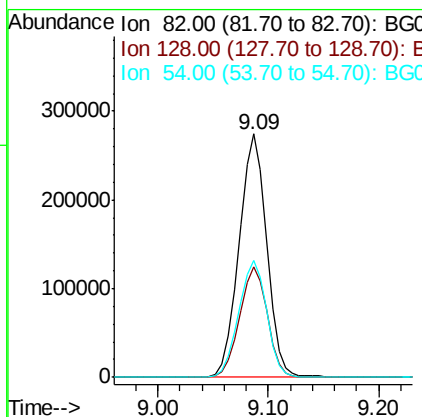
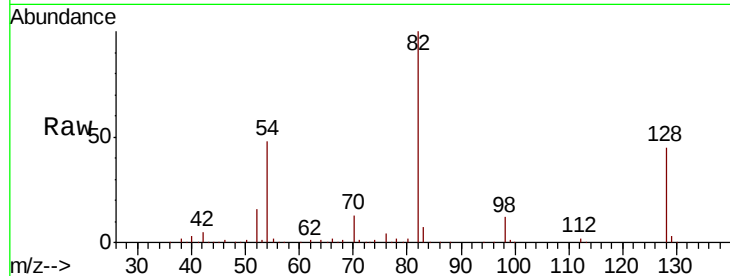
#23
Nitrobenzene-d5
Concen: 72.706 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG046480.D
Acq: 31 Aug 2020 22:33

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-A

Tot Ion	Ratio	Resp	Lower	Upper
82	100	483343		
128	45.2		35.7	53.5
54	48.2		39.4	59.0

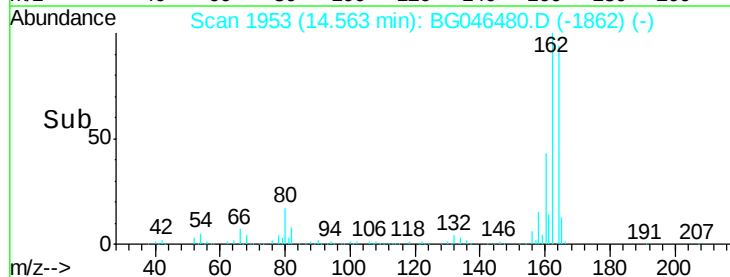
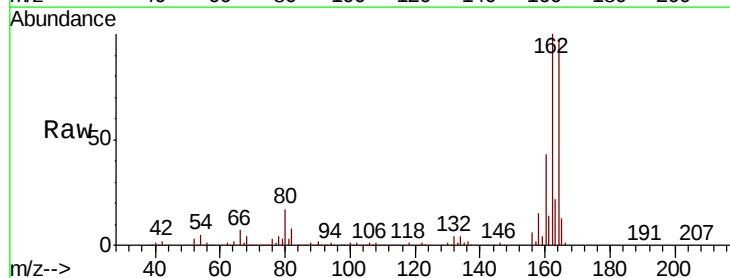
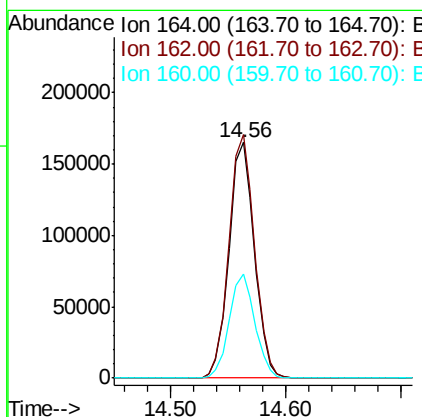
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG046480.D
Acq: 31 Aug 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	251128		
162	103.2		83.3	124.9
160	43.9		35.0	52.6





#42

2,4,6-Tribromophenol

Concen: 90.049 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046480.D

Acq: 31 Aug 2020 22:33

Instrument :

BNA_G

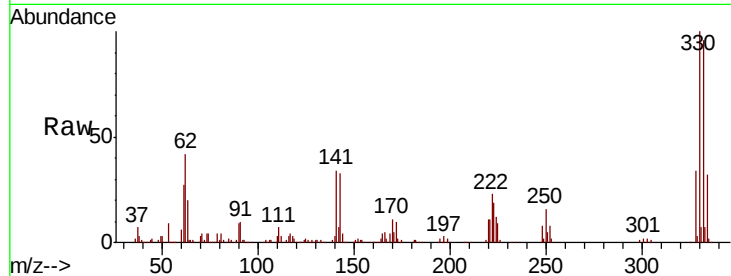
ClientSampleId :

LINDEN-JOP-BH-12-A

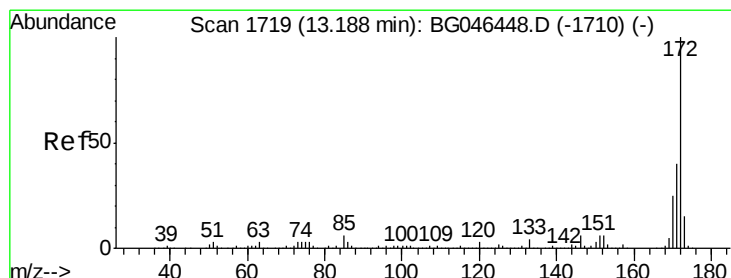
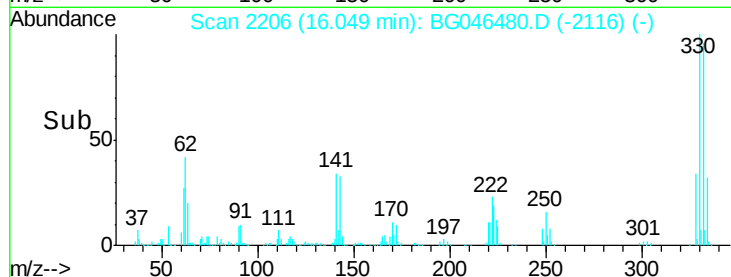
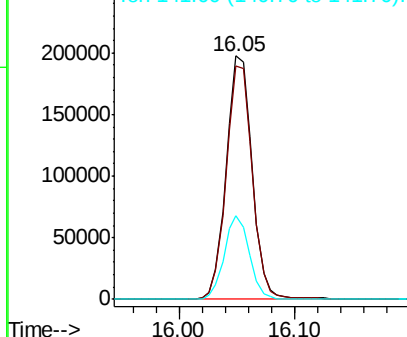
Tot Ion:	330	Resp:	306401
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.1	114.1
141	33.5	26.1	39.1

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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: 75.728 ng

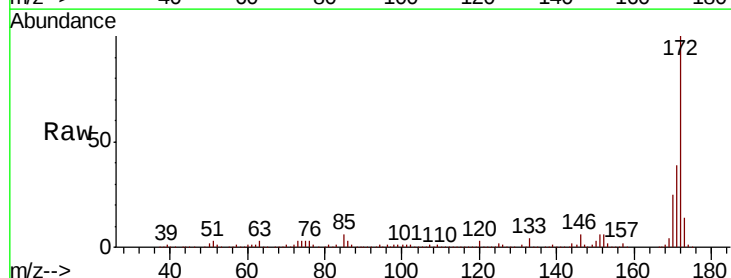
RT: 13.19 min Scan# 1719

Delta R.T. 0.00 min

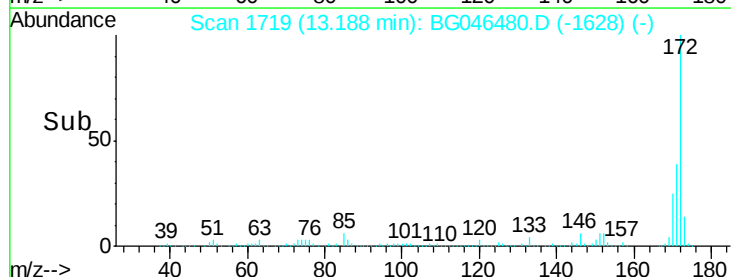
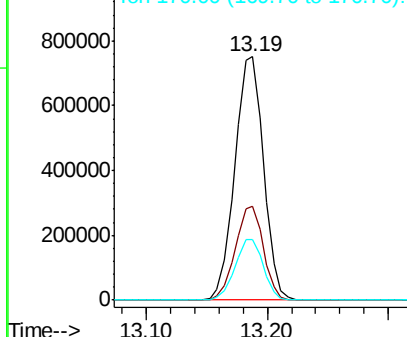
Lab File: BG046480.D

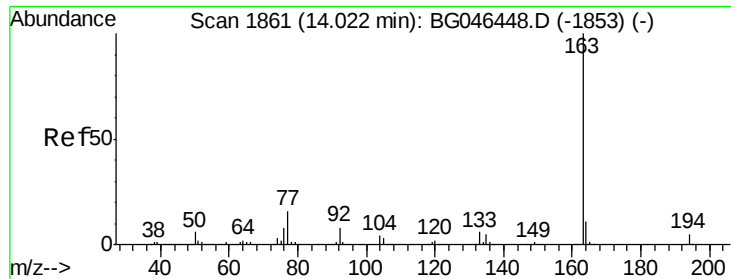
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Tgt Ion:	172	Resp:	1245768
Ion Ratio	Lower	Upper	
172	100		
171	38.5	31.8	47.6
170	25.1	20.3	30.5



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





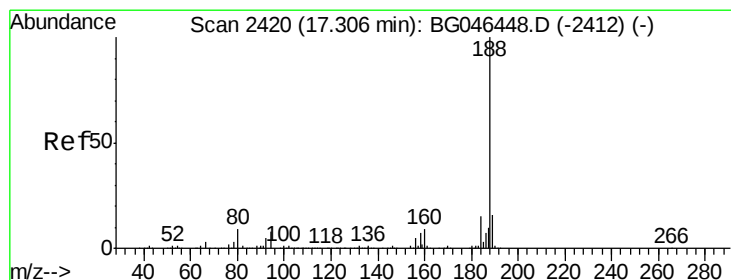
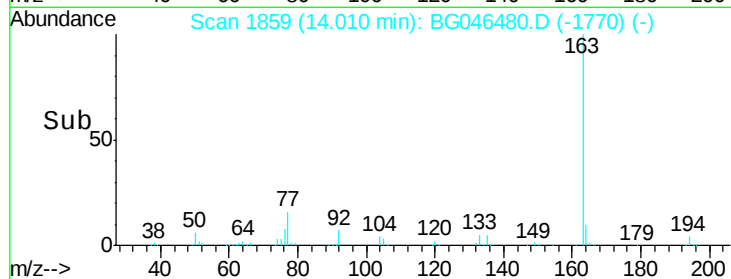
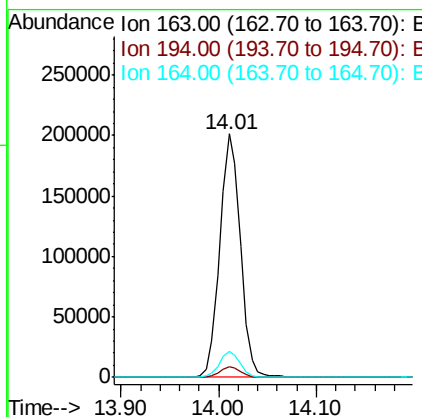
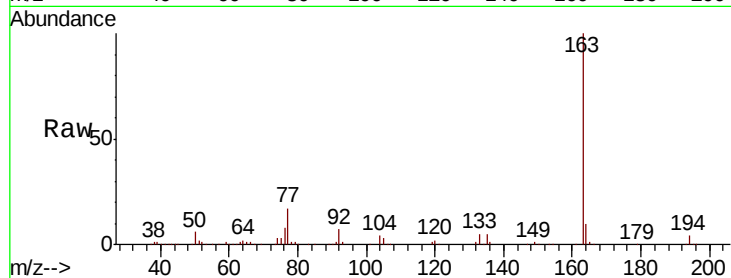
#50
Dimethylphthalate
Concen: 15.166 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG046480.D
Acq: 31 Aug 2020 22:33

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	294654		
194	4.3		3.7	5.5
164	10.5		8.6	12.8

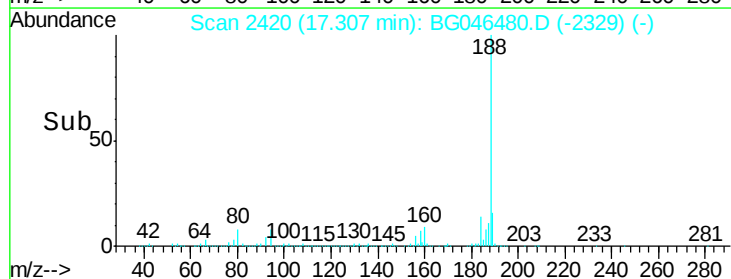
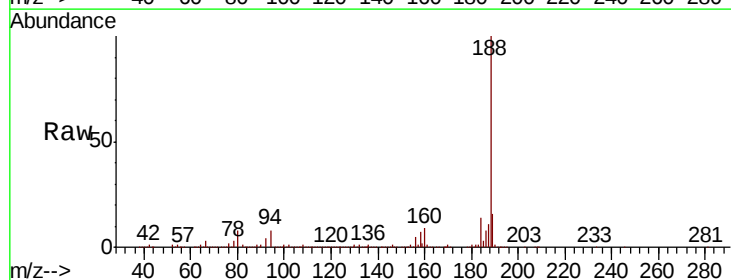
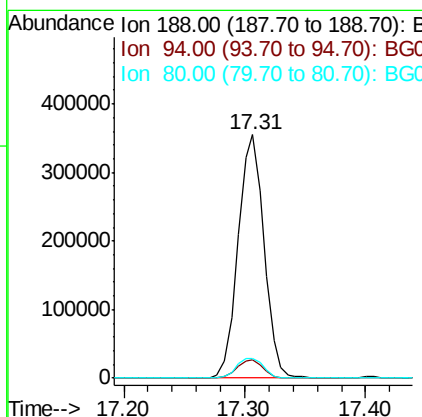
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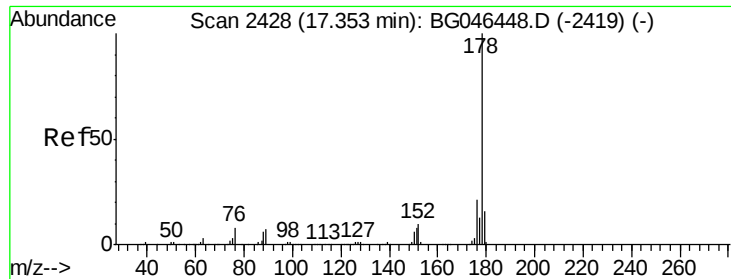
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046480.D
Acq: 31 Aug 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	533471		
94	7.7		6.3	9.5
80	8.2		6.9	10.3





#71

Phenanthrene

Concen: 6.624 ng

RT: 17.35 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG046480.D

Acq: 31 Aug 2020 22:33

Instrument :

BNA_G

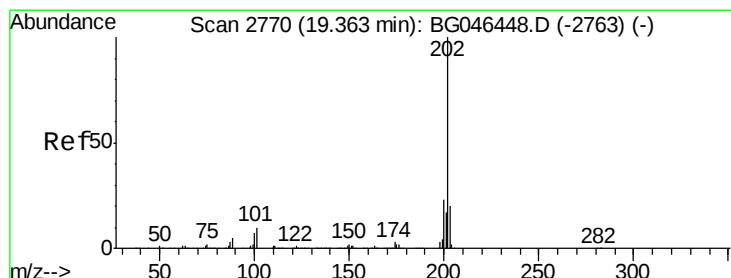
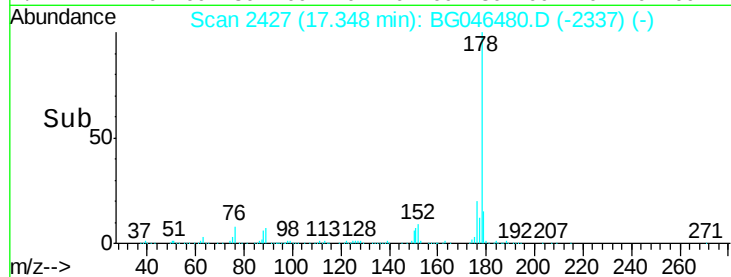
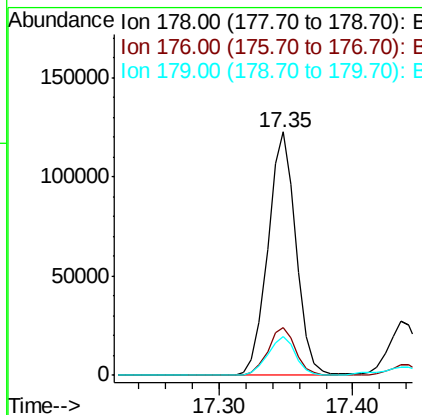
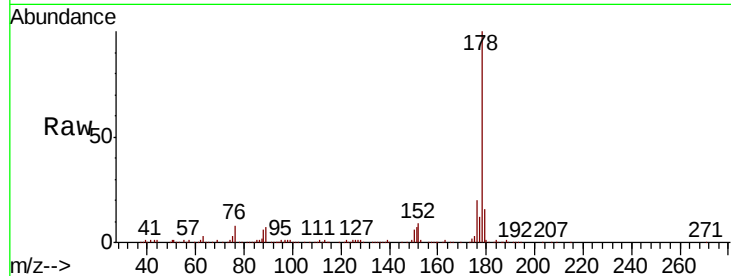
ClientSampleId :

LINDEN-JOP-BH-12-A

Tot Ion:	178	Resp:	179115
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.8	25.2
179	15.7	13.2	19.8

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#75

Fluoranthene

Concen: 13.314 ng

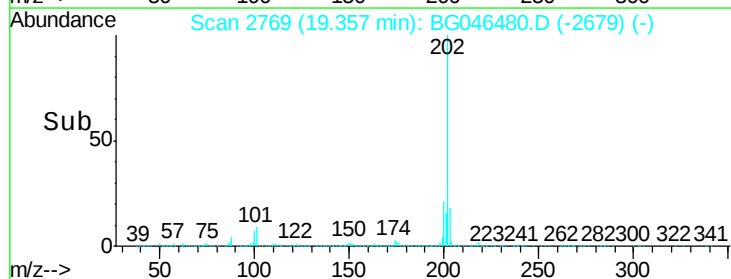
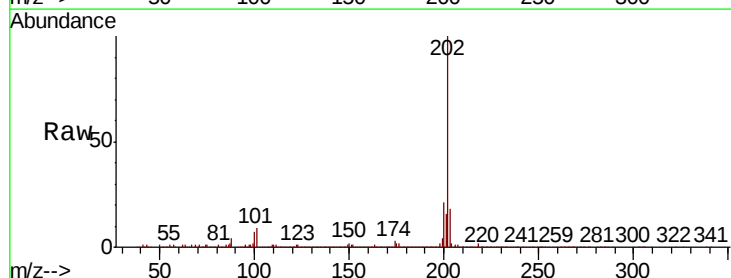
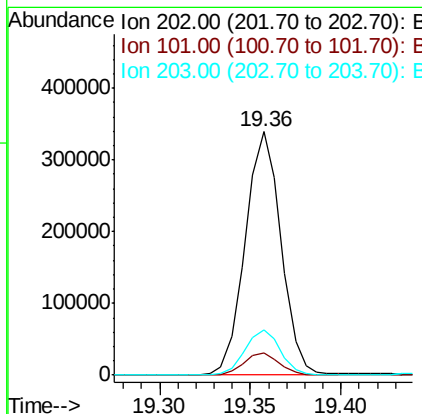
RT: 19.36 min Scan# 2769

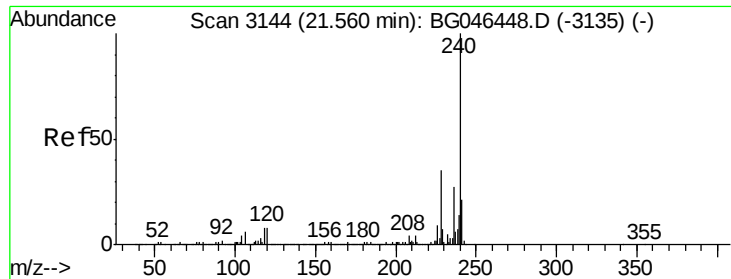
Delta R.T. -0.00 min

Lab File: BG046480.D

Acq: 31 Aug 2020 22:33

Tgt Ion:	202	Resp:	463310
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	29.9
203	18.4	0.0	40.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG046480.D

Acq: 31 Aug 2020 22:33

Instrument :

BNA_G

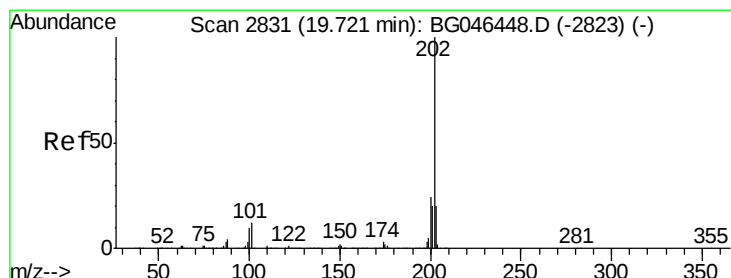
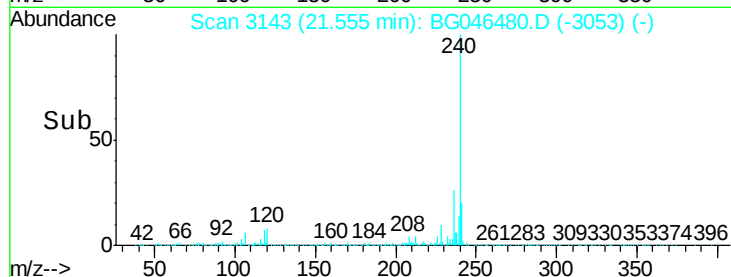
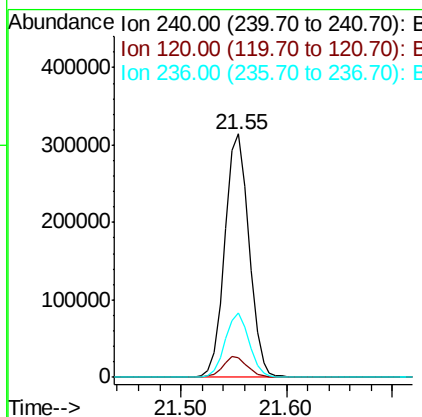
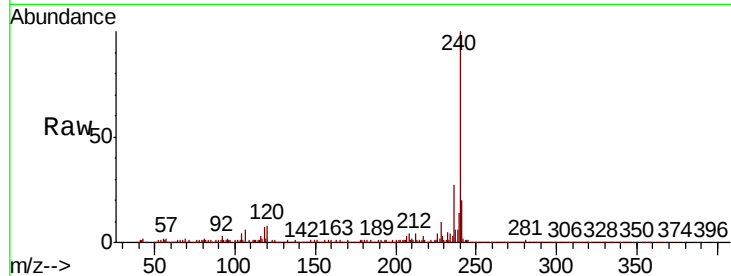
ClientSampleId :

LINDEN-JOP-BH-12-A

Tot Ion:	240	Resp:	496775
Ion Ratio	Lower	Upper	
240	100		
120	8.2	6.6	10.0
236	26.5	21.4	32.2

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#78

Pyrene

Concen: 13.546 ng

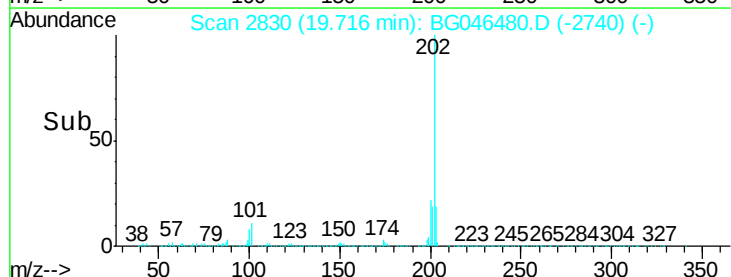
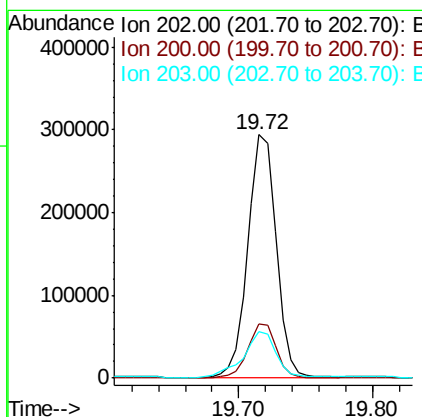
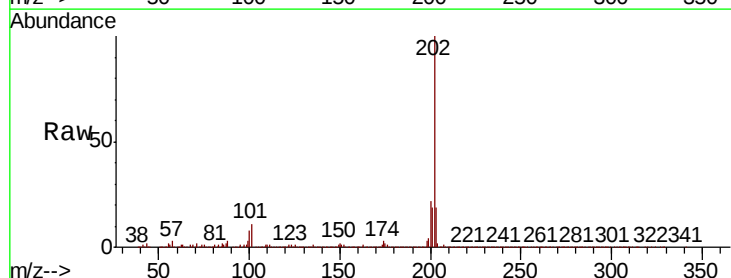
RT: 19.72 min Scan# 2830

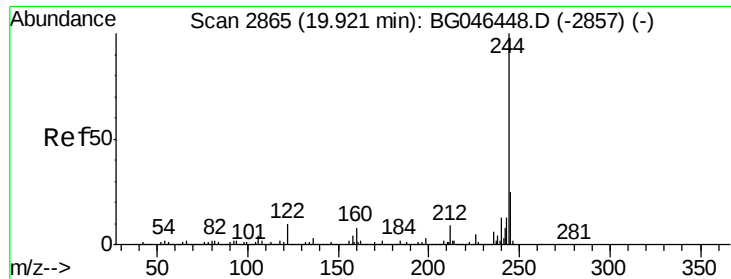
Delta R.T. -0.00 min

Lab File: BG046480.D

Acq: 31 Aug 2020 22:33

Tgt Ion:	202	Resp:	428530
Ion Ratio	Lower	Upper	
202	100		
200	22.1	18.9	28.3
203	19.3	16.1	24.1





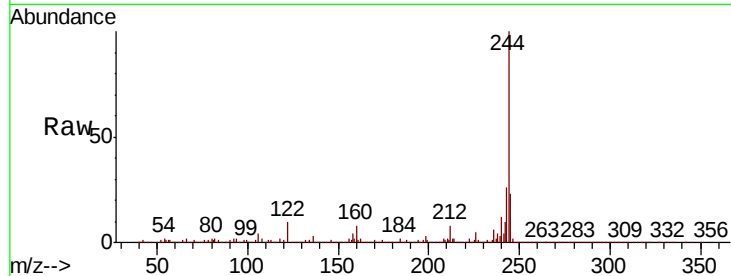
#79
 Terphenyl-d14
 Concen: 65.001 ng
 RT: 19.92 min Scan# 2865
 Delta R.T. 0.00 min
 Lab File: BG046480.D
 Acq: 31 Aug 2020 22:33

Instrument :
 BNA_G
 ClientSampleId :
 LINDEN-JOP-BH-12-A

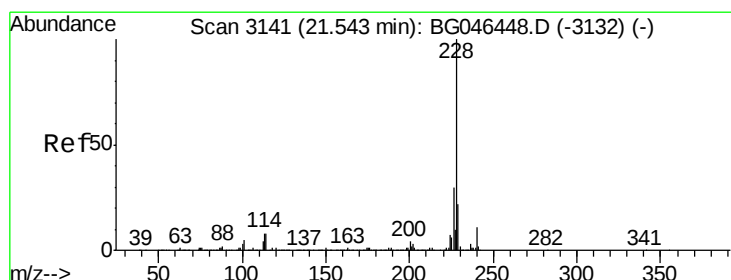
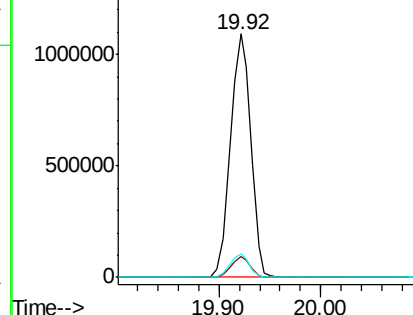
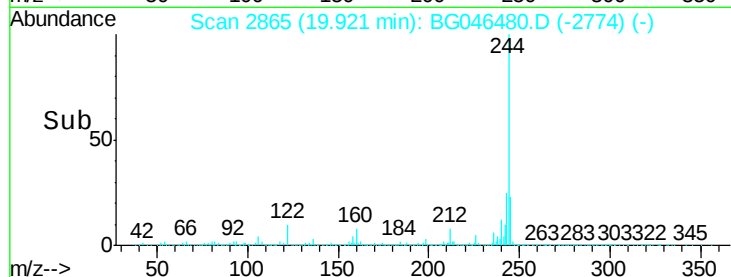
Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	9.6	8.2	12.4

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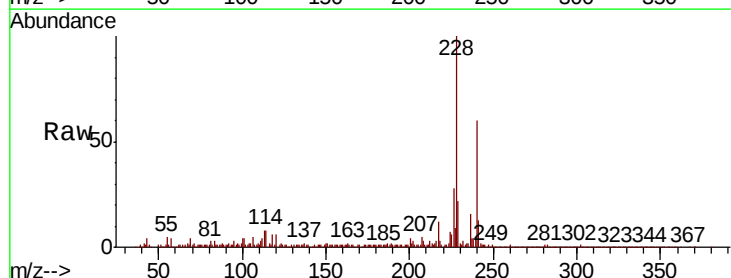


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

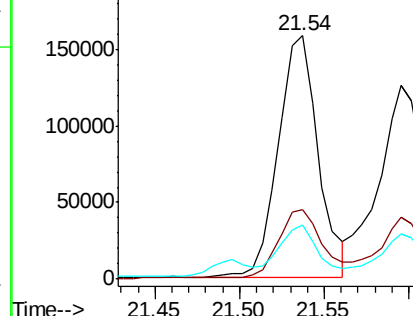
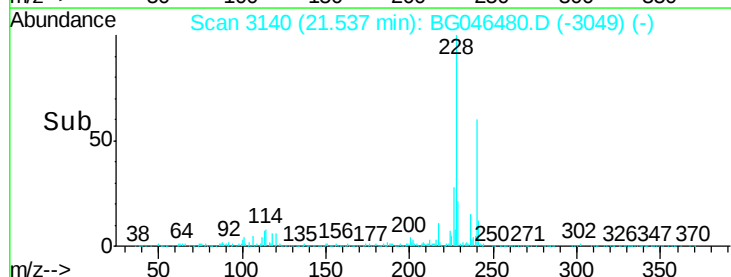


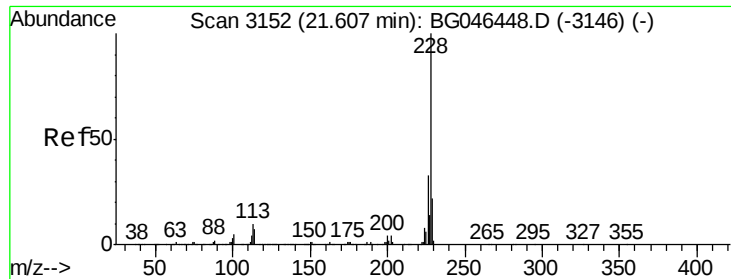
#81
 Benzo(a)anthracene
 Concen: 8.320 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: BG046480.D
 Acq: 31 Aug 2020 22:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.2	36.4
229	22.0	17.4	26.2



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





#83

Chrysene

Concen: 7.825 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG046480.D

Acq: 31 Aug 2020 22:33

Instrument :

BNA_G

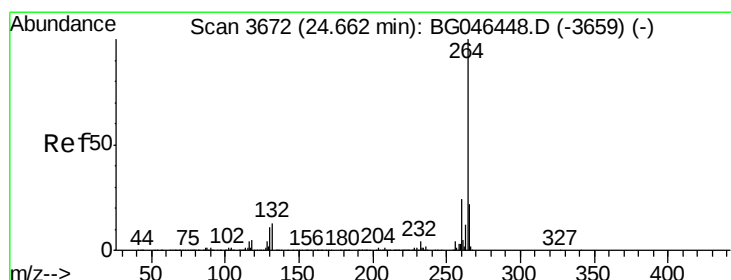
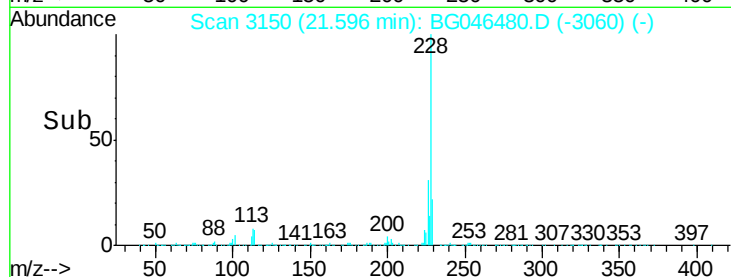
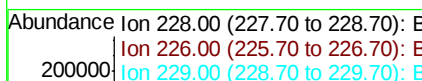
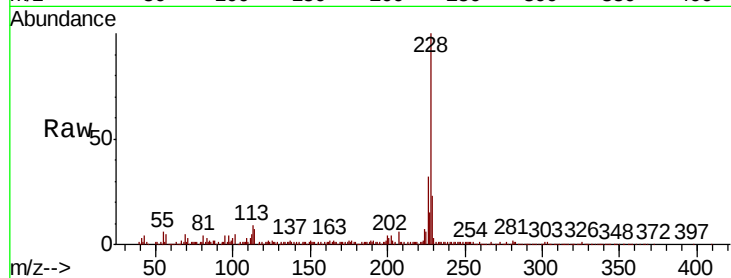
ClientSampleId :

LINDEN-JOP-BH-12-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		233079		
226	32.1	26.2	39.4		
229	23.3	17.9	26.9		

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#86

Perylene-d12

Concen: 20.000 ng

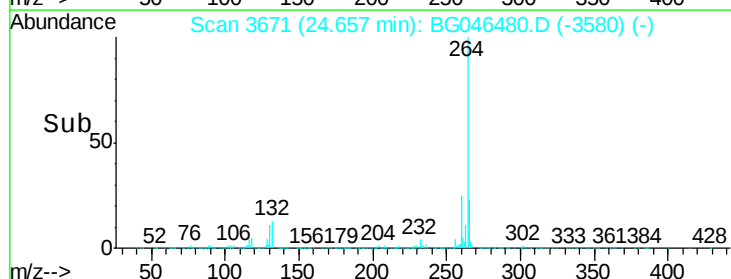
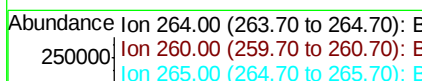
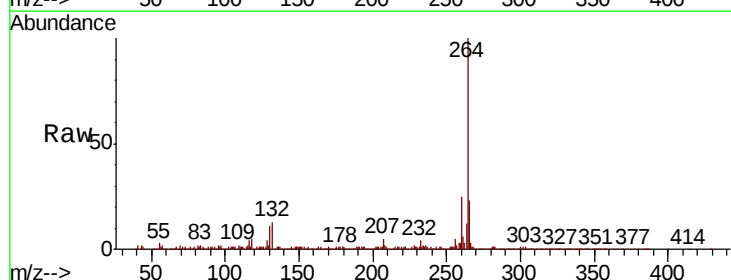
RT: 24.66 min Scan# 3671

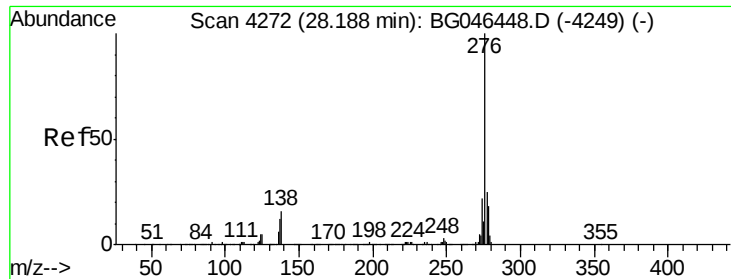
Delta R.T. 0.00 min

Lab File: BG046480.D

Acq: 31 Aug 2020 22:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100		520228		
260	25.1	19.2	28.8		
265	23.3	17.9	26.9		





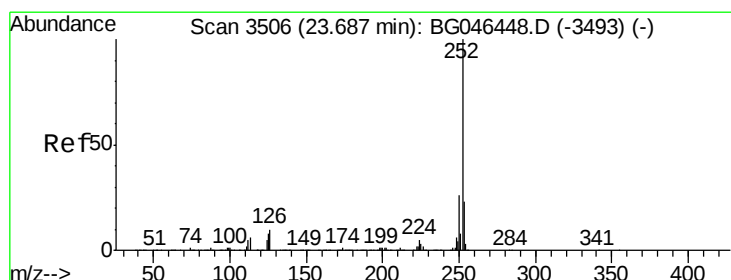
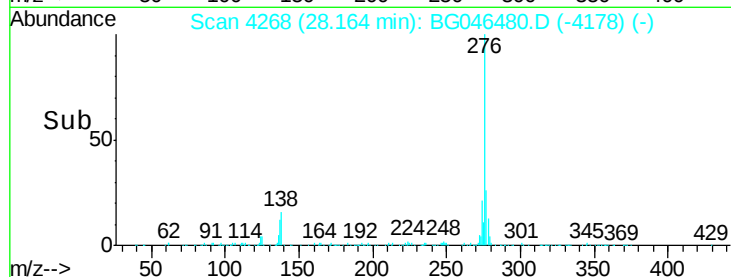
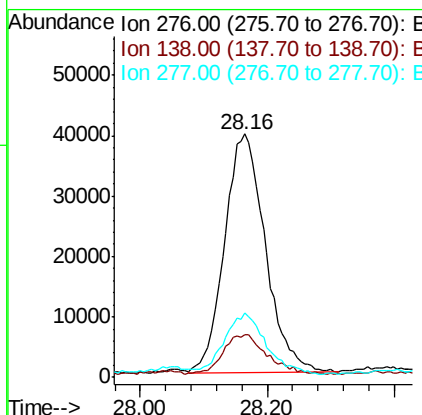
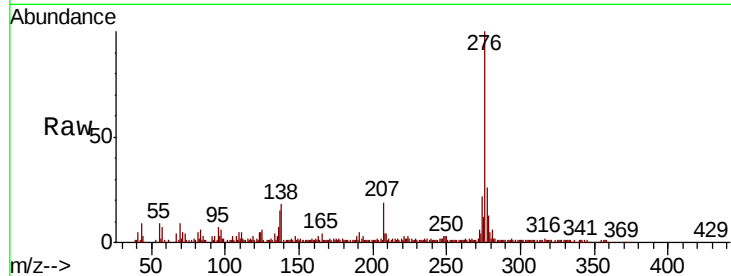
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.699 ng
 RT: 28.16 min Scan# 4268
 Delta R.T. -0.00 min
 Lab File: BG046480.D
 Acq: 31 Aug 2020 22:33

Instrument :
 BNA_G
 ClientSampleId :
 LINDEN-JOP-BH-12-A

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.3	16.5	24.7
277	26.2	20.7	31.1

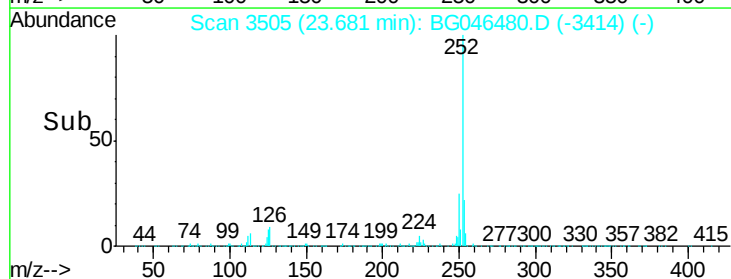
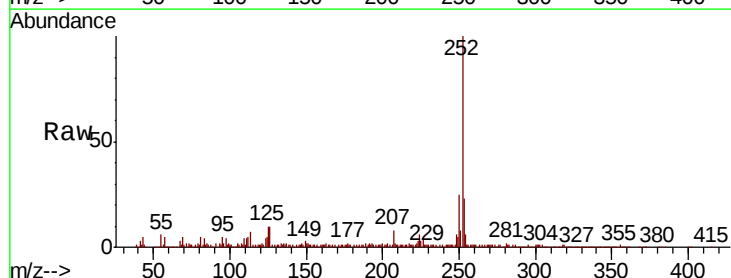
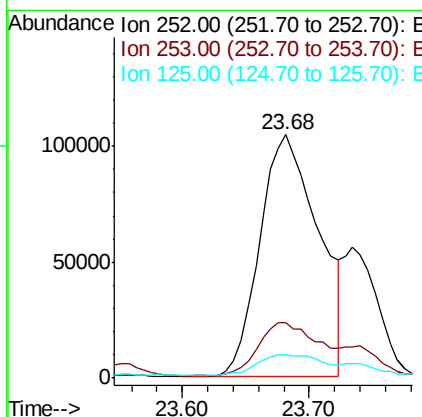
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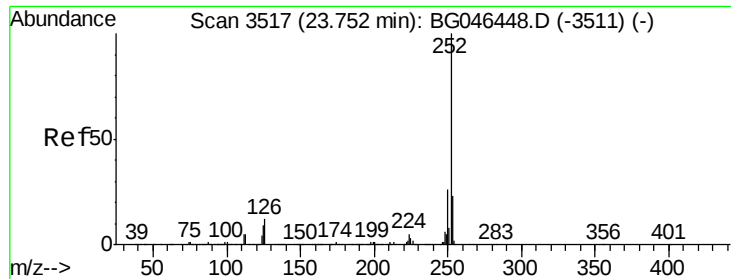
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#88
 Benzo(b)fluoranthene
 Concen: 10.388 ng
 RT: 23.68 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: BG046480.D
 Acq: 31 Aug 2020 22:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	9.6	6.2	9.2#





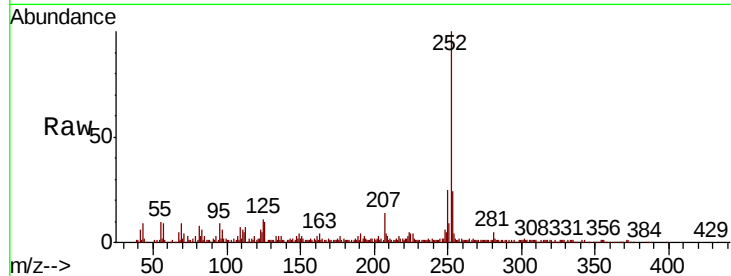
#89
Benzo(k)fluoranthene
Concen: 3.307 ng m
RT: 23.73 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG046480.D
Acq: 31 Aug 2020 22:33

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.5	27.7
125	11.0	6.8	10.2

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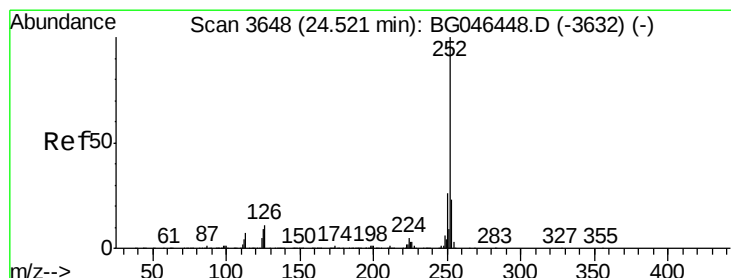
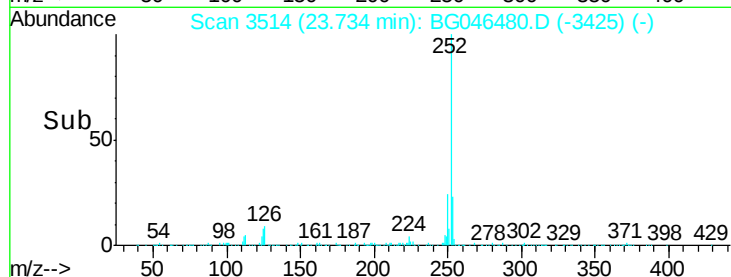
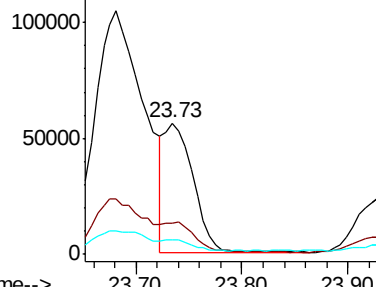


Abundance

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



#90
Benzo(a)pyrene
Concen: 8.137 ng
RT: 24.51 min Scan# 3646
Delta R.T. -0.00 min
Lab File: BG046480.D
Acq: 31 Aug 2020 22:33

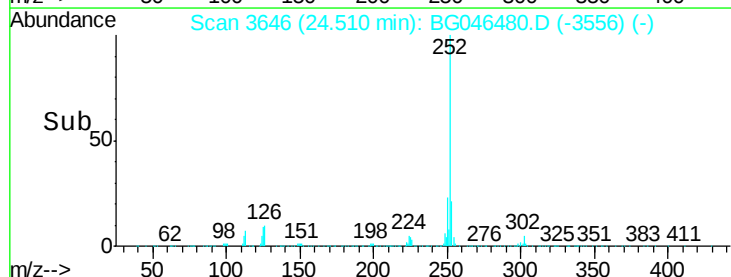
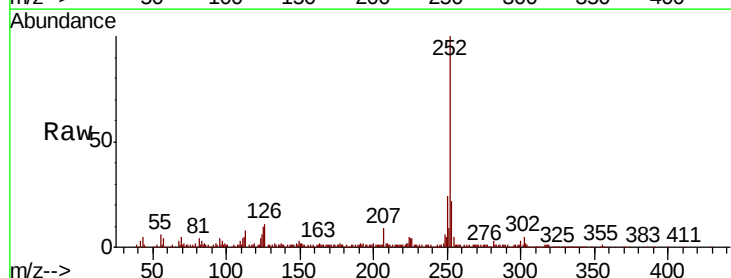
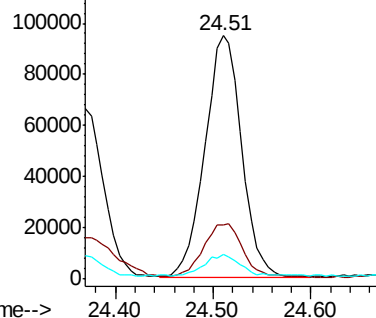
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	10.4	7.4	11.0

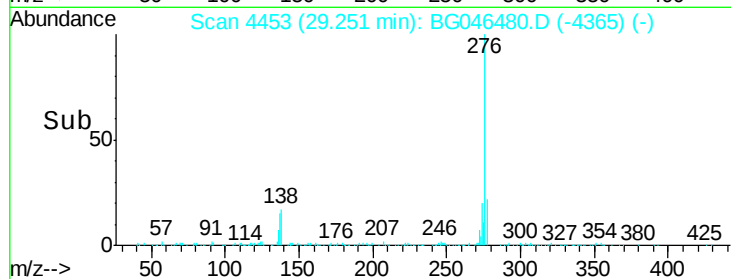
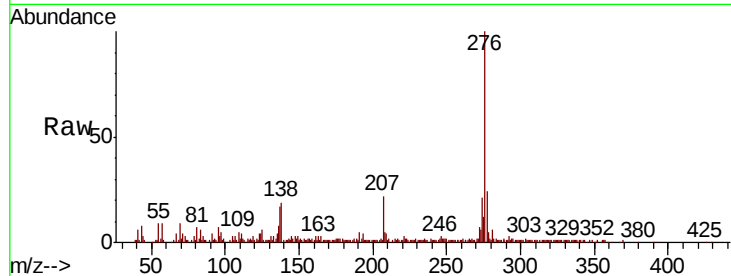
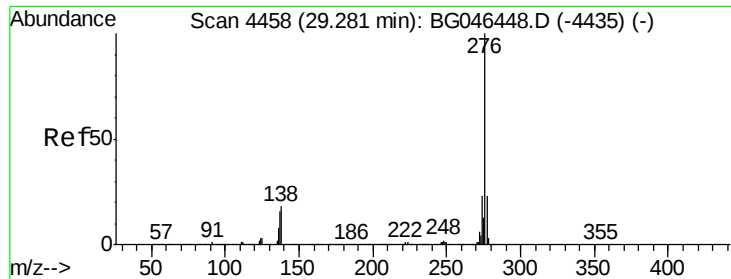
Abundance

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(a,h,i)perylene
 Concen: 5.928 ng
 RT: 29.25 min Scan# 4453
 Delta R.T. -0.01 min
 Lab File: BG046480.D
 Acq: 31 Aug 2020 22:33

Tot Ion:	276	Resp:	178500
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.7	28.1
138	18.9	14.7	22.1

Instrument :
 BNA_G
 ClientSampleId :
 LINDEN-JOP-BH-12-A

Manual Integrations
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